ESEBase Borehole/Testpit Database
NORTH ALASKA HIGHWAY CORRIDOR
(km 1748 - km 1966, Alaska Highway, Yukon)

Submitted to:
INDIAN AND NORTHERN AFFAIRS CANADA

August, 1989 0201-4981



EBA Engineering Consultants Ltd.

Directory of Boreholes in database N-ALASKA

17488B10	17488B11	17488B12	17488B13	17488B14	17488B15	17488BC1	17488BC2
17488BC3	17488BC4	17488BC5	17488BC6	17488BC7	17488BC8	17488BC9	17500B10
17500B19	17500B31	17500B33	17500B73	17500B74	17500BA1	17500BA2	17500BA3
17500BA4	17500BA5	17500BA6	17500BA7	17500BA8	17500BA9	17500BI3	17500BII
17500T01	17500T02	17500T03	17500T04	17500T05	17500T06	17500T07	17500T08
17500T09	17500T10	17500T11	17500T12	17500T13	17500T14	17500T15	17500T16
17500T17	17500T18	17500T19	17500T20	17500T21	17500T22	17500T23	17500T24
17500T25	17500T26	17500T27	17500T28	17500T29	17500T30	17500T31	17500T32
17500T33	17500T34	17500T35	17500T36	17500T37	17500T38	17500T39	17500TA1
17500TA2	17500TA3	17500TA4	17500TA5	17522B11	17522B14	17522B17	17522B18
17522B21	17522B23	17522B71	17522T11	17522T12	17522T13	17522T14	17522T15
17522T16	17522T17	17522T21	17522T22	17522T23	17522T24	17631B01	17631B02
17631B03	17631B04	17631B05	17631B06	17631B07	17631B08	17631B09	17631B10
17631B11	17631B12	17631B13	17631B14	17631B15	17631B16	17631B17	17631B18
17631B19	17631B20	17631B21	17664B11	17664B13	17664B15	17664B34	17664B66
17664B67	17664B76	17664B77	17664T01	17664T02	17664T03	17664T04	17664T05
17664T06	17664T07	17664T08	17664T09	17664T10	17664T11	17664T12	17664T13
17664T14	17664T15	17664T16	17664T17	17664T18	17664T19	17664T20	17664T21
17664T22	17664T23	17664T24	17664T25	17664T26	17664T27	17664T28	17664T29
17664T30	17664T31	17664T32	17664T33	17664T34	17664T35	17664T36	17664T37
17664T38	17664T39	17664T40	17664T41	17664T42	17664T84	17664T85	17664T86
17664T87	17664T88	17664T89	17664T90	17664T91	17664T92	17664TA1	17664TA2
17664TA3	17664TA4	17664TA5	17725B01	17725B02	17725B03	17725B04	17725B05
17725B06	17725B07	17725B08	17725B09	17725B10	17725B11	17725B12	17725B13
17725B14	17760B01	17760B10	17760B11	17760B12	17760B13	17760B14	17760B21
17760B22	17760B24	17760B26	17760B41	17760B53	17760B54	17760B55	17760B56
17760B57	17760B58	17760B59	17760B60	17760BC7	17760BQ1	17760T11	17760T12
17760T13	17760T14	17760T21	17760T22	17760T23	17760T24	17760T25	17760T26
17760T41	17760T42	17760T43	17760T51	17760T52	17760T53	17760T54	17760T55
17760T56	17760T57	17760T58	17760T59	17760T60	17760T61	17764T13	17886B11
17886B12	17886B13	17886B15	17886T12	17886T13	17886T14	17886T15	17899B01
17899B02	17899B03	17899B04	17899B05	17899B06	17899B07	17899B08	17899B09
17899B10	17899B11	17899B12	17899B13	17899B14	17899B15	17899B16	17899B17
17899B18	17899B19	17899B20	17899B21	17899B22	17899B23	17899B24	17980T31
17980T32	17980T33	17980T34	17980T35	17980T36	17980T37	17980T38	17980T39
17980T40	17980T41	17980T42	17980T43	17980T44	17980T45	17988B01	17988B02
17988B03	17988B04	17988B05	17988B06	17988B07	17988B08	17988B09	17988B10
17988B11	17988B12	17988B13	17988B14	17988B21	17988B23	17988B26	17988B27
17988T21	17988T22	17988T23	17988T24	17988T25	17988T26	17988T27	17988T28
18120B11	18120B12	18120B13	18160B01	18160B02	18160B03	18160B04	18160B05
18160B06	18160B07	18160B08	18160B09	18160B10	18160B11	18160B12	18160B13
18160B14	18160B15	18160B16	18160B17	18160B18	18160B19	18160B20	18160B21
18160B22	18160B23	18160B24	18160B25	18160B26	18214B01	18214B11	18214B12
18214B21	18214B22	18214B24	18214B25	18214B2L	18214B31	18214B41	18214B45
18214B46	18214B47	18214B48	18214B49	18214B50	18214B51	18214B52	18214B53
18214B54	18214B55	18214B56	18214B57	18214B58	18214T11	18214T12	18214T13
18214T14	18214T21	18214T22	18214T23	18214T24	18214T25	18214T31	18214T32
18386B31	18425B10	18425B21	18425B22	18425T01	18441B01	18441B02	18441B03
18441B04	18441B05	18441B06	18441B07	18441B08	18441B09	18441B10	18441B11
18441B12	18441B13	18441B14	18441B15	18441B16	18441B17	18441B18	18441B19
18441B20	18441B21	18530B12	18530B22	18530T23	18530T24	18530T25	18530T26
18574B27	18574B31	18574B36	18574B41	18574B42	18574B43	18574T20	18574T22
18574T31	18574T32	18650B02	18650B25	18650T31	18650T41	18650T52	18650T61
18689T13	18713BC1	18713T11	18713T12	18713T13	18713T14	18713T21	18713T22
18713T23	18713T24	18713T25	18713T26	18790B01	18790B02	18790B03	18790B04
18790B05	18790B06	18790B07	18790B08	18790B09	18790B10	18790B11	18790B12
18790B13	18790B14	18790B15	18790B16	18790B17	18790B18	18790B19	18790B20
18790B21	18790B22	18790B23	18790B24	18790B25	18790B26	18790B27	18790B28
18790B29	18790B30	18790B31	18790BP2	18790T21	18790T22	18790T23	18790T24
18790T25	18790T26	18790T32	18790T33	18790T34	18790T35	18790T36	18825B18
18825B19	18825B56	18825B57	18825B58	18825B59	18909B51	18909B52	18909BA1
18909BA2	18950B02	18950B03	18950B09	18950B11	18950B17	18950B47	18950B48
18950BA7	18950BA8	18950BA9	18970B16	18970B22	19005B02	19005B03	19005B04
19005B42	19005B43	19080B00	19080B01	19080B02	19080B03	19080B04	19080B05
19080B06	19080B07	19080B08	19080B09	19080B10	19080B11	19080B12	19080B13
19080B14	19080B15	19080B16	19080B17	19080B18	19080B19	19080B20	19080B21
19080B22	19080B23	19080B24	19080B25	19080B26	19080B27	19080B28	19080BS1
19180B01	19180B02	19180B03	19180B04	19180B05	19180B06	19180B07	19180B08
19180B09	19180B10	19180B11	19180B12	19180B13	19180B14	19180B15	19180B16
19180B17	19180B18	19180B19	19180B20	19180B21	19180B22	19180B23	19180B24
19180B25	19180B26	19180B27	19180B28	19180B29	19180B2L	19180B30	19180B31
19180B32	19180B33	19180B34	19180B35	19180B36	19180B37	19180B38	19180B39
19180B40	19180B41	19180B42	19360B01	19360B07	19360B08	19360B17	19360B19
19360B20	19360BA1	19360BA2	19578B01	19578B02	19578B03	19578B31	19578B41
19578BB1							

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1748.8, 130 m R of Highway	BOREHOLE No. 17488B10
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796645.00 E614915.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER C10	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT-sandy, trace of clay, very fine to fine-grained sand, brown, (till-like)				0.0
1.0	▤	A1	- little to some gravel, fine-grained sand		●		4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
			- boulders				
			END OF BOREHOLE AT 4.5 m Refusal on boulders				16.0
5.0							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

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	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1748.8, 130 m R of Highway	BOREHOLE No. 17488B11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796630.00 E614875.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER C-11	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			TOPSOIL–organic, reddish brown				0.0
			SILT–sandy, fine-grained sand, light brown, (till-like)				2.0
1.0							4.0
		A1	– some gravel, trace of clay		●		6.0
2.0							8.0
3.0							10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0		A2	END OF BOREHOLE AT 6.0 m		●		20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

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COMPLETION DEPTH 6.0 m		COMPLETE 82/11/26
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1748.8, 130 m R of Highway	BOREHOLE No. 17488B12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796565.00 E614880.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER C-12	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			TOPSOIL–organic, sandy, brown				0.0
			SILT–sandy, little to some clay, brown, (till–like)				2.0
1.0							4.0
2.0			– trace of gravel				6.0
							8.0
3.0			– clayey, little gravel				10.0
							12.0
4.0							14.0
		A1	– trace of gravel		●		16.0
5.0							18.0
6.0			END OF BOREHOLE AT 6.0 m				20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

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COMPLETION DEPTH 6.0 m		COMPLETE 82/11/26
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1748.8, 130 m R of Highway	BOREHOLE No. 17488B13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796585.00 E614935.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER C-13	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT-sandy, greyish brown, (till-like)				0.0
1.0							4.0
2.0		A1	- trace of clay, gravel				6.0
3.0							10.0
4.0							14.0
5.0							16.0
6.0		A2	END OF BOREHOLE AT 6.0 m				20.0
7.0							24.0
8.0							28.0
9.0							30.0
10.0							34.0
11.0							36.0
							38.0

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COMPLETION DEPTH 6.0 m		COMPLETE 82/11/26
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1748.8, 130 m R of Highway	BOREHOLE No. 17488B14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796600.00 E614970.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER C-14	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT–topsoil, dark brown				0.0
1.0			CLAY–organic, silty, wet, brown				2.0
2.0	▤	A1	– trace of organics, medium to high plastic		●		4.0
3.0			GRAVEL–some clayey silt				6.0
			END OF BOREHOLE AT 2.6 m				8.0
4.0							10.0
5.0							12.0
6.0							14.0
7.0							16.0
8.0							18.0
9.0							20.0
10.0							22.0
11.0							24.0
							26.0
							28.0
							30.0
							32.0
							34.0
							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.6 m	COMPLETE 82/11/26
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1748.8, 130 m R of Highway	BOREHOLE No. 17488B15
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796670.00 E614950.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER C-15	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			FILL–silt, sandy, some fine gravel, brown				0.0
1.0							2.0
							4.0
			PEAT–organics, sandy, reddish brown				6.0
2.0							8.0
3.0							10.0
			SILT–organic, sandy, some gravel, grey				12.0
4.0							14.0
5.0							16.0
							18.0
6.0		A1	GRAVEL–some silty sand, subangular		●		20.0
			END OF BOREHOLE AT 6.0 m				22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

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	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1748.8, 130 m R of Highway	BOREHOLE No. 17488BC1
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796780.00 E614785.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER C1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SILT–some clay and organics, dark brown	
1.0		A1	GRAVEL–silty, fine to medium-grained, poorly graded, brown	GM
2.0			SAND–silty, little gravel, very fine to fine-grained	
3.0				
4.0				
			– less gravel	
5.0			– trace of gravel	
		A2	– little gravel, very fine-grained	
6.0			END OF BOREHOLE AT 6.0 m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 6.0 m		COMPLETE 82/11/26
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1748.8, 130 m R of Highway	BOREHOLE No. 17488BC2
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796780.00 E614810.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER C2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SILT–sandy, organic, reddish brown	
1.0			SAND–very gravelly, some silt, trace of clay, dry, (till-like)	
1.0	▤	A1		GM
2.0				
3.0			GRAVEL–some silty sand, dirty	
4.0			SAND–silty, very fine to fine-grained	
5.0			– little gravel	
5.0	▤	A2		
6.0			END OF BOREHOLE AT 6.0 m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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	LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1748.8, 130 m R of Highway	BOREHOLE No. 17488BC3
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796780.00 E614840.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER C3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			TOPSOIL–organic, silty clay, dark brown				0.0
			SAND–silty, some gravel, little clay, very fine to fine-grained, (till-like)				2.0
1.0	▤	A1					4.0
2.0							6.0
							8.0
3.0	▤	A2	GRAVEL–sandy, some silt, to 25mm diameter, very fine to fine-grained sand, poorly graded				10.0
4.0							12.0
			– silty, brown				14.0
5.0							16.0
							18.0
6.0			END OF BOREHOLE AT 6.0 m				20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

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	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1748.8, 130 m R of Highway	BOREHOLE No. 17488BC4
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796780.00 E614875.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER C4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT–organics, sandy, reddish brown				0.0
			SAND–silty, little clay, very fine-grained				
1.0		A1	– some silt and gravel to 25mm diameter, trace of clay		●		4.0
2.0							6.0
							8.0
3.0			GRAVEL–some silty sand, subangular to subrounded, poorly graded				10.0
		A2		GM	●	▲ ● ■	12.0
4.0							14.0
5.0							16.0
							18.0
6.0			END OF BOREHOLE AT 6.0 m				20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m	COMPLETE 82/11/26
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1748.8, 130 m R of Highway	BOREHOLE No. 17488BC5
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796710.00 E614830.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER C5	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ▩ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			TOPSOIL–organic, reddish brown				0.0
			SAND–silty, little clay, very fine-grained, brown – trace of gravel				2.0
1.0		A1			●		4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
			GRAVEL–sandy, some silt and clay, (till-like)				16.0
5.0							18.0
		A2			●	▲ ■	20.0
6.0			END OF BOREHOLE AT 6.0 m				22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m	COMPLETE 82/11/26
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1748.8, 130 m R of Highway	BOREHOLE No. 17488BC6
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796710.00 E614845.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER C6	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			TOPSOIL–silty, sandy, some organics, dark brown				0.0
			SAND–silty, little clay, very fine-grained, dry				2.0
1.0			– trace of gravel				4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0	▤	A1	– very gravelly, some silt and clay, (till-like)		●	■	14.0
5.0							16.0
							18.0
6.0			END OF BOREHOLE AT 6.0 m				20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

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COMPLETION DEPTH 6.0 m | COMPLETE 82/11/26

LOGGED BY JDM | DWG NO. | Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1748.8, 130 m R of Highway	BOREHOLE No. 17488BC7
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796710.00 E614900.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER C7	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT-sandy, trace of clay, very fine to fine-grained sand, (till-like)				0.0
1.0	▤	A1	- trace of gravel - little to some gravel		●		4.0
2.0							6.0
3.0							10.0
4.0							14.0
5.0			- trace of gravel				16.0
6.0			END OF BOREOLE AT 6.0 m				20.0
7.0							24.0
8.0							26.0
9.0							30.0
10.0							32.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m		COMPLETE 82/11/26
	LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1748.8, 130 m R of Highway	BOREHOLE No. 17488BC8
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796710.00 E614960.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER C8	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			FILL–sand, some silt, coarse-grained, brown				0.0
			PEAT–some organic silt, fibrous, dark brown				2.0
1.0			SAND–silty, some clay, medium to coarse-grained, brown				4.0
2.0							6.0
							8.0
3.0			– trace of gravel				10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
	▤	A1	GRAVEL–some very fine sand, trace of silt		●		20.0
6.0			END OF BOREHOLE AT 6.0 m				22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m	COMPLETE 82/11/26
	LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1748.8, 130 m R of Highway	BOREHOLE No. 17488BC9
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796645.00 E614950.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER C9	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID 20 40 60 80	■ PERCENT GRAVEL ■ 20 40 60 80 ● PERCENT SAND ● 20 40 60 80 ▲ PERCENT FINES ▲ 20 40 60 80	DEPTH (ft)
0.0			SAND–silty, some clay, very fine-grained, brown				0.0
1.0		A1	– silty, trace of gravel, fine-grained, dark brown		●		4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0			– little gravel				14.0
5.0			GRAVEL–sandy, little silt, subangular				16.0
							18.0
6.0		A2	END OF BOREHOLE AT 6.0 m		●		20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m	COMPLETE 82/11/26
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 110 m R of Highway	BOREHOLE No. 17500B10
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798450.00 E613430.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER A-10	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL–little sand, to 25mm diameter, brown	
1.0				
	▤	A1	– gravel sizes to 50mm diameter	GP
2.0				
			– finer gravel sizes, poorly graded	
3.0				
4.0				
5.0			SAND–trace of coarse gravel, dark brown	
	▤	A2		
6.0			END OF BOREHOLE AT 6.0 m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 6.0 m		COMPLETE 82/11/27
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0	BOREHOLE No. 17500B19
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796460.00 E612980.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER 79A-19	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT – some volcanic ash	
		2	GRAVEL (GM) – coarse to fine-grained, fairly well graded, some low plastic silt and clay, some sand, occasional cobbles, brown becoming grey at 1.0 m	
1.0				
2.0				
		3		GM
3.0				
4.0		4		GM
5.0				
		5		
6.0		6	CLAYEY SILT (SM) – fairly well graded sand some fine to medium-grained gravel, numerous cobbles, hard, dry, slight plastic, grey	SM
7.0				
8.0				
9.0				
10.0			END OF BOREHOLE AT 10.0 m	
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.0 m	COMPLETE 79/04/13
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 500 m L of Highway	BOREHOLE No. 17500B31
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796680.00 E621460.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3-028-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT(PT) – fibrous, brown	
			SILT(ML) – some peat inclusions and lenses, grey	
1.0			SAND(SW/SP) – some fine gravel, fine to coarse grained	
			PEAT(PT) – fine fibrous, occasional thin volcanic ash lenses, brown	
			SILT(ML) – occasional peat inclusions, grey	
2.0		1	CLAY(CL) – some silt, some sand, trace gravel, low plasticity, grey	
3.0			SAND(SW/SP) – some silt, trace gravel, grey	
4.0				
			SILT(ML) – some sand, trace gravel, trace clay, grey, low plasticity	
5.0		2		
6.0				
		3		
7.0				
8.0				
9.0		4		
10.0			END OF BOREHOLE AT 10.1m.	
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.1 m	COMPLETE 81/05/21
	LOGGED BY FDZ JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 500 m L of Highway	BOREHOLE No. 17500B33
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796880.00 E612570.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3-028-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ☒ 75mm SPOON ☒ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL AND SAND(GW) – trace of organics near surface, trace silt, some boulders, damp to moist, grey – boulders encountered				0.0
1.0							2.0
							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0			SILT(ML) – gravelly, some sand, trace clay, damp to moist, medium brown				22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
10.0			END OF BOREHOLE AT 10.1m.				34.0
							36.0
11.0							38.0

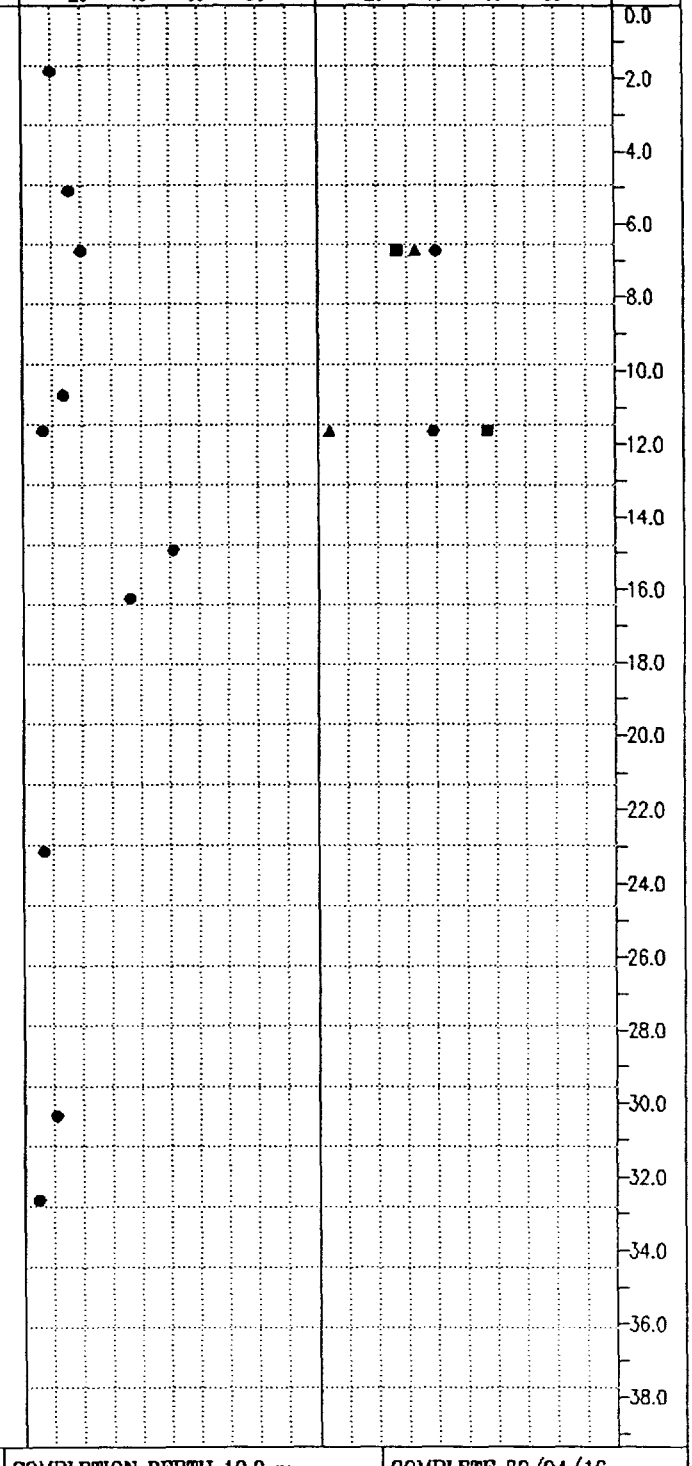
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COMPLETION DEPTH 10.1 m		COMPLETE 81/07/12
LOGGED BY FDZ JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 1500 m L of Highway	BOREHOLE No. 17500B73
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797120.00 E611950.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-01-73	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

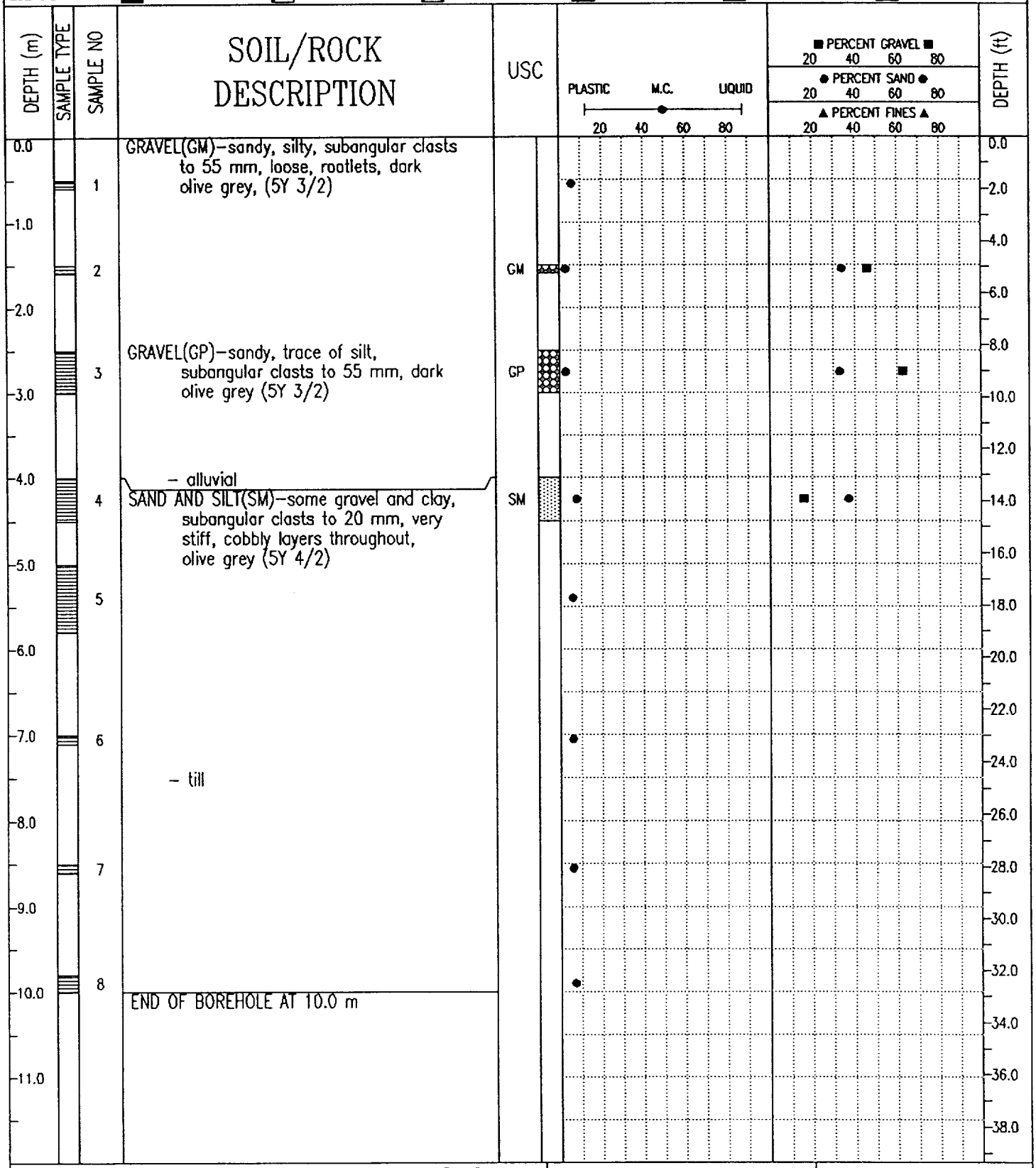
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–dark brown	
		1	GRAVEL–clean, angular, clasts to 30mm, dark olive grey (5Y 3/2) (alluvial)	
1.0			SAND–silty, gravelly, silt layers, angular clasts to 25mm, dark olive grey (5Y 3/2)	
		2		
2.0		3		
			(alluvial)	
			GRAVEL AND SAND–trace of silt, angular clasts to 20mm, dark olive grey (5Y 3/2)	
3.0		4		
		5		
4.0			(alluvial)	
			SILT–some volcanic ash layers, trace of fine sand, dark grey (5Y 4/1)	
		6		
5.0		7	– alternate layers of silt and organics, (alluvial)	
			GRAVEL–sandy, some silt, angular clasts to 40mm, olive grey (5Y 4/2)	
6.0				
7.0		8		
8.0				
			(till)	
			SILT AND GRAVEL–some sand, angular clasts to 55mm, olive grey (5Y 4/2)	
9.0		9		
10.0		10	(till)	
			END OF BOREHOLE AT 10.0 m	
11.0				



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.0 m	COMPLETE 80/04/16
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 1500 m L of Highway	BOREHOLE No. 17500B74
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796540.00 E612740.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-01-74	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.0 m	COMPLETE 80/04/16
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 110 m R of Highway	BOREHOLE No. 17500BA1
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798450.00 E613370.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER A-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			FILL–gravel, mixed with sandy, clayey silt, crushed				0.0
			GRAVEL–some sand and silt, medium grained, subangular, well graded				2.0
1.0							4.0
		A1			●		6.0
2.0			SAND–silty, little to some clay, very fine to fine-grained, dark brown				8.0
3.0							10.0
							12.0
4.0							14.0
			– trace of gravel				
5.0			GRAVEL–some silty sand, coarse-grained, subangular, black				16.0
							18.0
6.0		A2			●		20.0
			END OF BOREHOLE AT 6.0 m				22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m	COMPLETE 82/11/27
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 110 m R of Highway	BOREHOLE No. 17500BA2
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798460.00 E613410.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER A-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			FILL–gravel, trace of sand, crushed	
			GRAVEL–trace of sand, fine to medium-grained, clean	
1.0	▤	A1		
2.0				
3.0				
4.0				
5.0				
6.0	▤	A2	– some sand, medium grained	
			END OF BOREHOLE AT 6.0 m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 6.0 m		COMPLETE 82/11/27
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 110 m R of Highway	BOREHOLE No. 17500BA3
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798430.00 E613410.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER A-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND–silty, some medium gravel, fine-grained, brown				0.0
1.0		A1	SILT–sandy, trace of volcanic ash, brown				4.0
2.0			SAND–silty, fine to medium-grained, dark brown				8.0
3.0			– trace of gravel				10.0
4.0			– some gravel, little silt, coarse-grained, dark brown				14.0
5.0			– trace of coarse gravel				18.0
6.0			END OF BOREHOLE AT 6.0 m				20.0
7.0							24.0
8.0							26.0
9.0							30.0
10.0							32.0
11.0							36.0
							38.0

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COMPLETION DEPTH 6.0 m		COMPLETE 82/11/27
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 110 m R of Highway	BOREHOLE No. 17500BA4
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798485.00 E613410.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER A-4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT–sandy, brown, frozen				0.0
			GRAVEL–some sandy silt, medium-grained, unfrozen				2.0
1.0		A1			●		4.0
			– trace of sandy silt, coarse-grained, subangular, well graded, clean				6.0
2.0							8.0
3.0		A2			●		10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
6.0			END OF BOREHOLE AT 6.0 m				20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m	COMPLETE 82/11/27
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 110 m R of Highway	BOREHOLE No. 17500BA5
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798520.00 E613450.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER A-5	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT-sandy, reddish brown				0.0
1.0							2.0
							4.0
2.0			GRAVEL-some sandy silt, medium-grained				6.0
	▤	A1			●		8.0
3.0							10.0
							12.0
4.0			- trace of brown silty sand				14.0
5.0							16.0
							18.0
6.0			END OF BOREHOLE AT 6.0 m				20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m	COMPLETE 82/11/27	
	LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 110 m R of Highway	BOREHOLE No. 17500BA6
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798490.00 E613485.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER A-6	ELEVATION 0.00 (m)

SAMPLE TYPE: ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL-some silty sand, to 20mm diameter, well graded	GP
1.0			– few fines, to 50mm diameter, coarse, angular, poorly graded	
2.0		A1		
3.0		A2	– 25-50mm diameter, subangular	
4.0				
5.0			– 20mm diameter, well graded	
6.0		A3	END OF BOREHOLE AT 6.0 m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 6.0 m		COMPLETE 82/11/27
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 110 m R of Highway	BOREHOLE No. 17500BA7
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798470.00 E613430.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER A-7	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL–some silty sand, 20mm diameter, subangular, brown				0.0
1.0		A1					2.0
2.0							4.0
3.0		A2	– medium gravel				6.0
4.0							8.0
5.0							10.0
6.0			– sandy, dark brown				12.0
7.0			END OF BOREHOLE AT 6.0 m				14.0
8.0							16.0
9.0							18.0
10.0							20.0
11.0							22.0
							24.0
							26.0
							28.0
							30.0
							32.0
							34.0
							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m	COMPLETE 82/11/27	
	LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 110 m R of Highway	BOREHOLE No. 17500BA8
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798480.00 E613450.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER A-8	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL–some sand, poorly graded, brown	
1.0				
		A1	– some sand, fine	GP
2.0				
3.0				
4.0				
5.0				
		A2	– sandy, dark brown	
6.0			END OF BOREHOLE AT 6.0 m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 6.0 m	COMPLETE 82/11/27
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 110 m R of Highway	BOREHOLE No. 17500BA9
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798460.00 E613485.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER A-9	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND–silty, trace of clay, very fine-grained, dry, reddish brown				0.0
1.0							2.0
			– some gravel to 100mm diameter, poorly graded				4.0
2.0							6.0
							8.0
3.0	▤	A1	GRAVEL–some silty sand, reddish brown		●		10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0	▤	A2	END OF BOREHOLE AT 6.0 m		●		20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

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COMPLETION DEPTH 6.0 m		COMPLETE 82/11/27
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 500 m L of Highway	BOREHOLE No. 17500BI3
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797040.00 E621630.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER 3-028-III	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT(PT) – fibrous, brown				0.0
			SAND(SM) – some silt, trace gravel				
			GRAVEL AND SAND(GW/SW) – trace silt, trace cobbles, grey				
1.0		1			●		4.0
2.0							6.0
							8.0
3.0		2			●		10.0
4.0							12.0
							14.0
			GRAVEL(GW/GP) – some sand, trace silt, occasional sand lenses				
5.0		3			●		16.0
							18.0
6.0			SAND(SW/SP) – trace gravel, trace silt, moist to damp, occasional oxidized zone				
		4			●		20.0
7.0							22.0
							24.0
			GRAVEL AND SAND(GW/GM) – trace silt, clay lense at 8.2 to 8.3m, silt lense, organic at 8.3 to 8.4m				
		5			●		26.0
8.0							28.0
			GRAVEL(GW/GP) – trace to some sand, trace silt				
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0		6			●		
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 18.3 m	COMPLETE 81/05/01
	LOGGED BY FDZ JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 500 m L of Highway	BOREHOLE No. 17500BI3
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797040.00 E621630.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER 3-028-III	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
12.0							40.0
			GRAVEL AND SAND(GW/SW) – trace silt, trace cobbles, angular to subrounded				
13.0							42.0
		7					44.0
14.0							46.0
15.0							48.0
		8					50.0
16.0							52.0
							54.0
17.0		9					56.0
		10					
			SILT(ML) – trace sand, trace gravel				58.0
18.0							60.0
			END OF BOREHOLE AT 18.3m.				
19.0							62.0
20.0							64.0
							66.0
21.0							68.0
							70.0
22.0							72.0
							74.0
23.0							76.0
							78.0

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Whitehorse, Yukon

COMPLETION DEPTH 18.3 m		COMPLETE 81/05/01
LOGGED BY FDZ JDM	DWG NO.	Page 2 of 2

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 500 m L of Highway	BOREHOLE No. 17500BII
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796810.00 E621770.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3-028-II	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT(PT) – fine fibrous, thin layer of volcanic ash at 0.25m	
1.0			SAND(SW/SP) – fine grained, trace silt, trace gravel, trace organics	
2.0	▤	1	SAND AND GRAVEL(SW/SM) – trace silt, trace cobbles, moist, stratified, angular to subrounded, grey	
3.0				
4.0				
5.0	▤	2		
6.0				
7.0				
8.0				
9.0	▤	3		
10.0				
11.0	▤	4		

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 18.0 m	COMPLETE 81/05/03
	LOGGED BY FDZ JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 500 m L of Highway	BOREHOLE No. 17500BII
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796810.00 E621770.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3-028-II	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
12.0							40.0
13.0							42.0
		5			●		44.0
14.0							46.0
15.0							48.0
							50.0
16.0			SILT(ML) – some sand, some gravel, moist to damp, occasional oxidized zones				52.0
		6			●		54.0
17.0							56.0
							58.0
18.0			END OF HOLE AT 18.0m.				60.0
19.0							62.0
							64.0
20.0							66.0
21.0							68.0
							70.0
22.0							72.0
							74.0
23.0							76.0
							78.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 18.0 m	COMPLETE 81/05/03
	LOGGED BY FDZ JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T01
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797140.00 E613800.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-01	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-maximum 100mm material	
1.0	▤	1		GW
2.0				
3.0			SANDY SILT	
			-light brown	
			-saturated	
4.0			END HOLE at 3.5m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID
20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 3.5 m		COMPLETE 88/10/19
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T02
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797140.00 E613860.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-02	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ▩ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-maximum 150mm material	
			-subrounded to rounded	
1.0				
	▤	2		GW
2.0				
3.0		3	-damp below 3.0m	GW
4.0				
5.0	▤	4	-caving in below 5.0m	GW
			END HOLE at 5.3m	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

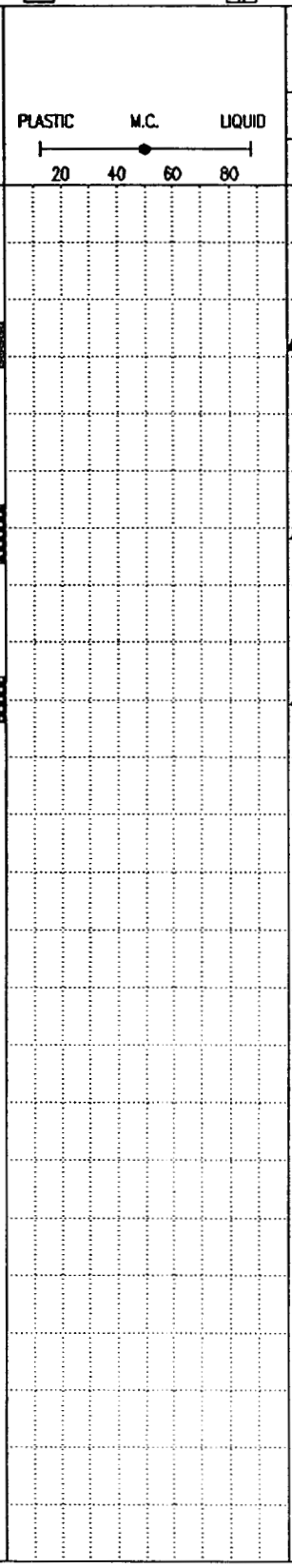
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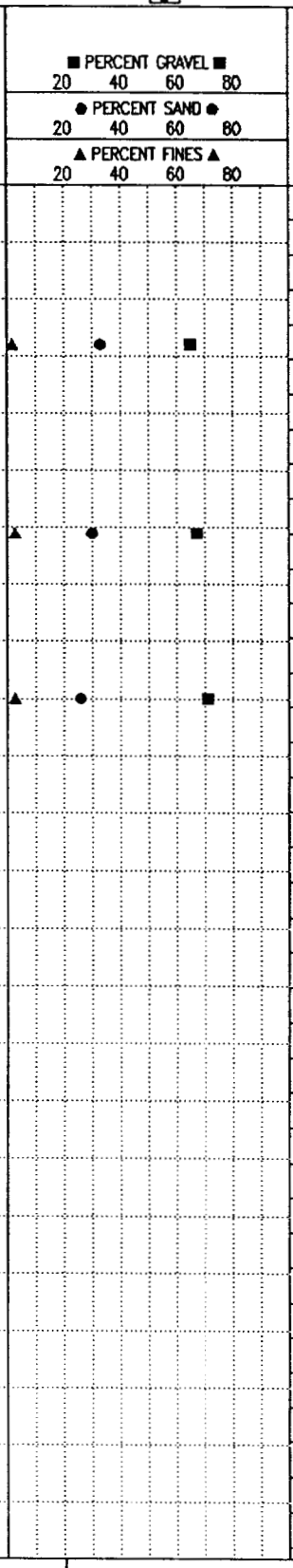
COMPLETION DEPTH 5.3 m		COMPLETE 88/10/19
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T03
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797145.00 E613930.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-03	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			POORLY TO WELL-GRADED GRAVEL WITH SAND (GP TO GW)	
			-maximum 150mm material	
1.0			-estimate 2-5% +100mm	
	▤	5		GP
2.0				
			-maximum 200mm material below 2.4m	
3.0	▤	6		GW
4.0			-maximum 150mm material below 4.0m	
			-estimate 2-3% +100mm	
	▤	7		GW
			END HOLE at 4.7m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				





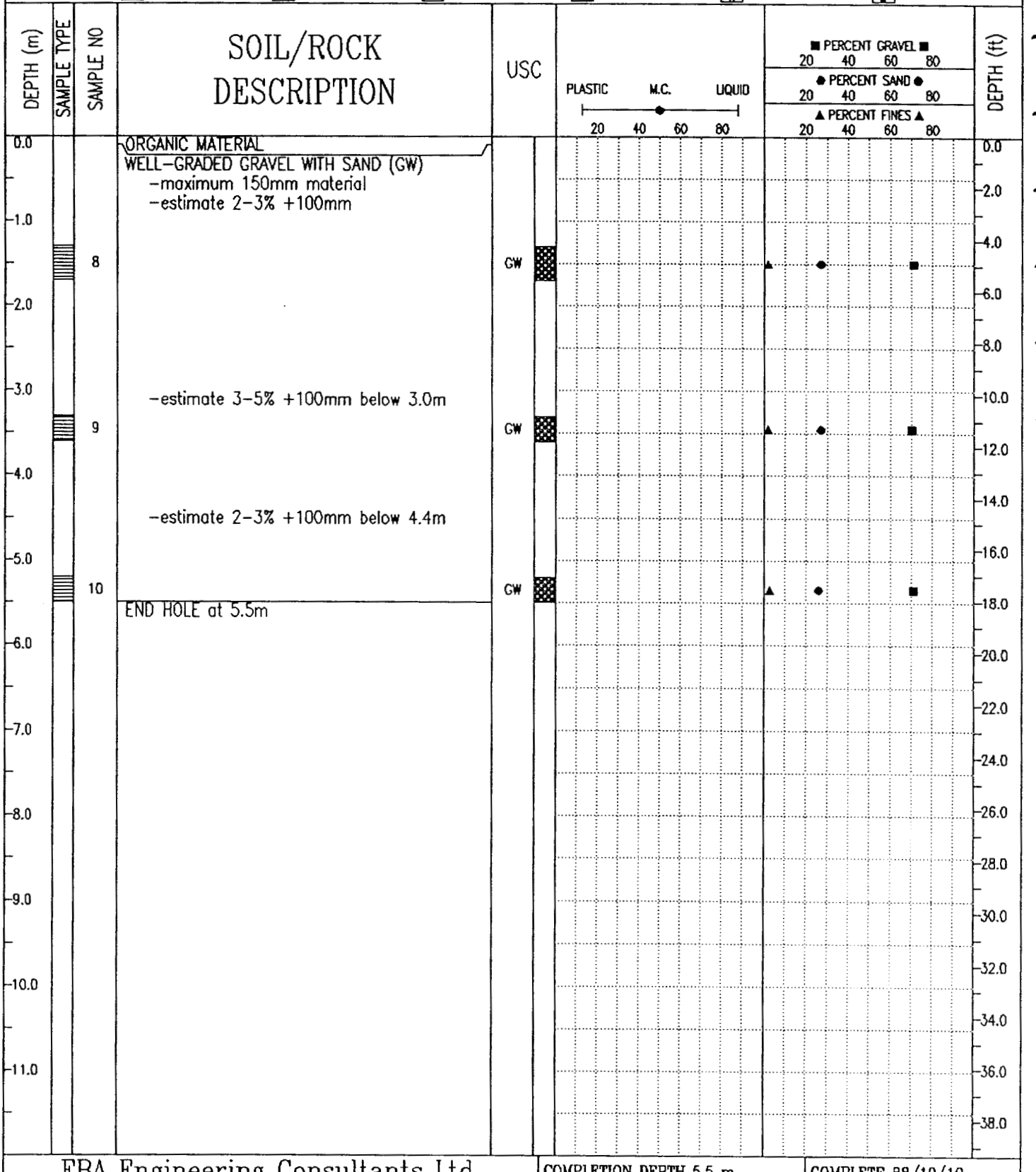
DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.7 m	COMPLETE 88/10/19
LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T04
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797150.00 E613980.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-04	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE; 75mm SPOON; STANDARD PEN.; GRAB; 75 mm CRREL; 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.5 m	COMPLETE 88/10/19
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T05
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797190.00 E614115.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-05	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW) -maximum150mm material -estimate 2-3% +100mm	
1.0				
	▤	11		GW
2.0			SANDY SILT -dark brown -wet	
			END HOLE at 2.7m	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 2.7 m	COMPLETE 88/10/19
LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T06
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797200.00 E614140.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-06	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			WELL-GRADED GRAVEL WITH SAND (GW)				
			-maximum100mm material				
1.0							2.0
							4.0
2.0	▤	12		GW		▲ ● ■	6.0
							8.0
			SILT				
3.0			-light brown				10.0
			-wet				
			END HOLE at 3.1m				
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.1 m	COMPLETE 88/10/19
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T07
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797210.00 E614185.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-07	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID 20 40 60 80	■ PERCENT GRAVEL ■ 20 40 60 80 ● PERCENT SAND ● 20 40 60 80 ▲ PERCENT FINES ▲ 20 40 60 80	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			SANDY GRAVELLY SILT -brown -damp				2.0
1.0			POORLY GRADED GRAVEL WITH SAND (GP) -maximum 100mm material				4.0
	▤	13		GP		▲ ● ■	
2.0							6.0
							8.0
3.0							10.0
			SILT -dark brown -wet				12.0
4.0			END HOLE at 3.6m				14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.6 m	COMPLETE 88/10/19
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T08
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797225.00 E614230.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-08	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			GRAVELLY SILTY SAND				
			ORGANIC MATERIAL				
			POORLY GRADED GRAVEL WITH SAND				
1.0			-maximum 75mm material				4.0
		14	-sample lost in transit				
2.0							8.0
			SANDY SILT				
3.0			POORLY GRADED GRAVEL WITH SAND (GP)				10.0
			-maximum 75mm material				
4.0		15		GP			12.0
							14.0
5.0			END HOLE at 5.0m				16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

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COMPLETION DEPTH 5.0 m		COMPLETE 88/10/19
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T09
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797240.00 E614290.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-09	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ▩ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY GRAVEL WITH SAND (GM) –maximum 75mm material	
1.0				
		16		GM
2.0				
3.0			POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) –maximum 75mm material	
		17		GP/GM
4.0				
			WELL-GRADED SAND WITH SILT AND GRAVEL (SW-SM) –maximum 75mm material	
5.0		18		SW-SM
			END HOLE at 5.5m	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 5.5 m	COMPLETE 88/10/20
LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T10
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797360.00 E614345.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-10	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY ORGANIC MATERIAL	
			GRAVELLY SAND	
1.0				
		19	SILTY SAND WITH GRAVEL (SM)	SM
2.0				
3.0		20		SM
			END HOLE at 3.5m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 3.5 m		COMPLETE 88/10/20
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797185.00 E614350.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-11	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SMALL ALTERNATING LAYERS OF GRAVELLY SAND AND SANDY SILT -brown -damp	
1.0				
			POORLY GRADED SAND WITH SILT AND GRAVEL (SP-SM) -maximum 75mm material	SP/SM
2.0		21		
			WELL-GRADED GRAVEL WITH SILT AND SAND (GW-GM) -damp -maximum 125mm material -estimate 2% +100mm	
3.0				
		22		GW/GM
4.0				
5.0			SILTY SAND WITH GRAVEL (SM) -dark brown -damp	
		23		SM
6.0			END HOLE at 5.5m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 5.5 m		COMPLETE 88/10/20
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797310.00 E614325.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-12	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL SILTY GRAVELLY SAND –maximum 75mm material	
1.0			ORGANIC MATERIAL POORLY GRADED SAND WITH SILT AND GRAVEL (SP–SM) –brown –damp –maximum 75mm material	
2.0	▤	24		SP/SM
			ORGANIC MATERIAL SILTY GRAVELLY SAND	
3.0			ORGANIC MATERIAL SILTY SAND (SM) –light brown –wet	
4.0	▤	25		SM
			POORLY GRADED SAND WITH SILT AND GRAVEL (SP–SM) –maximum 25mm material	
5.0	▤	26		SP/SM
			END HOLE at 5.6m	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 5.6 m	COMPLETE 88/10/20
LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797365.00 E614300.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-13	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			WELL-GRADED GRAVEL WITH SAND (GW)				
			-maximum 100mm material				
1.0		27		GW			2.0
							4.0
2.0			SANDY SILT				6.0
			ORGANIC MATERIAL				8.0
			GRAVELLY SAND				
			SANDY SILT				
3.0			-brown				10.0
			-saturated				
		28	POORLY GRADED GRAVEL WITH SAND (GP)	GP			12.0
			-maximum 150mm material				
4.0			-estimate 1% +100mm				14.0
			WELL-GRADED GRAVEL WITH SILT AND SAND				
		29	(GW-GM)	GW/GM			16.0
5.0			-light brown				
			-wet				18.0
			-maximum 200mm material				
			-estimate 1% +100mm				20.0
6.0			END HOLE at 5.7m				
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
10.0							32.0
							34.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.7 m	COMPLETE 88/10/20
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797285.00 E614270.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-14	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY GRAVELLY SAND	
			-maximum 50mm material	
1.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray	
			-damp	
2.0		30	-maximum 100mm material	GW
			SILTY GRAVELLY SAND	
			ASH	
3.0			GRAVELLY SAND	
			SILTY SAND WITH GRAVEL TO WELL-GRADED	
		31	SAND WITH SILT AND GRAVEL (SM TO SW-SM)	SM
4.0			-brown	
			-wet	
			-maximum 100mm material	
5.0		32		SW-SM
			END HOLE at 5.4m	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 5.4 m	COMPLETE 88/10/20
LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T15
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797340.00 E614245.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-15	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	PERCENT GRAVEL / PERCENT SAND / PERCENT FINES (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			WELL-GRADED GRAVEL WITH SAND (GW)				
			-maximum 100mm material				
1.0		33		GW			2.0
							4.0
			SANDY SILT				
2.0			ASH				6.0
			WELL-GRADED GRAVEL WITH SAND (GW)				
			-maximum 100mm material				8.0
3.0		34		GW			10.0
							12.0
4.0							14.0
			POORLY GRADED GRAVEL WITH SAND (GP)				
5.0		35	-maximum 200mm material below 4.6m	GP			16.0
			-estimate 2% +100mm				
			END HOLE at 5.2m				18.0
6.0							20.0
7.0							22.0
							24.0
8.0							26.0
9.0							28.0
							30.0
10.0							32.0
							34.0
11.0							36.0
							38.0

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COMPLETION DEPTH 5.2 m	COMPLETE 88/10/20
LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T16
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797180.00 E614295.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-16	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL GRAVELLY SAND				0.0
			ORGANIC MATERIAL SILTY SAND				2.0
1.0			POORLY TO WELL-GRADED GRAVEL WITH SAND (GP TO GW)				4.0
	▤	36	-maximum100mm material	GP		▲ ● ■	6.0
2.0			-maximum 150mm material below 2.4m				8.0
	▤	37	-estimate 5% +100mm below 2.4m	GP		▲ ● ■	10.0
3.0							12.0
4.0							14.0
	▤	38		GW		▲ ● ■	16.0
5.0			END HOLE at 5.0m				18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

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COMPLETION DEPTH 5.0 m		COMPLETE 88/10/21
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T17
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797125.00 E614305.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-17	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC SANDY GRAVEL	
			POORLY TO WELL-GRADED GRAVEL WITH SAND (GP TO GW)	
1.0			-maximum 100mm material	
	▤	39		GP
2.0				
	▤	40		GP
3.0				
4.0				
	▤	41		GW
5.0			END HOLE at 5.0m	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 5.0 m		COMPLETE 88/10/21
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T18
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797095.00 E614310.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-18	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SANDY GRAVEL	
			ORGANIC MATERIAL	
1.0			GRAVELLY SAND	
			ORGANIC SANDY SILT	
2.0			ORGANIC MATERIAL -trees and roots	
			WELL-GRADED GRAVEL WITH SAND (GW)	
		42	-maximum 150mm material -estimate 1% +100mm	GW
3.0				
			SANDY SILT (ML)	
4.0		43	-brown -wet	ML
			END HOLE at 4.3m -organic materials found at all levels (twigs, logs, stumps)	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.3 m		COMPLETE 88/10/21
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T19
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797290.00 E614205.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-19	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ☒ 75mm SPOON ☒ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL SANDY GRAVEL				0.0
1.0			SANDY SILT -brown -damp				2.0 / 4.0
2.0	▤	44	POORLY GRADED SAND WITH GRAVEL (SP) -maximum 75mm material	SP		▲ ■●	6.0 / 8.0
3.0			SANDY SILT -brown -moist -300mm tree trunks				10.0 / 12.0
4.0			END HOLE at 4.0m				14.0
5.0							16.0 / 18.0
6.0							20.0
7.0							22.0 / 24.0
8.0							26.0
9.0							28.0 / 30.0
10.0							32.0
11.0							34.0 / 36.0 / 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.0 m	COMPLETE 88/10/21	
	LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T20
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797335.00 E614195.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 029-20	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC GRAVELLY SILTY SAND				0.0
			WELL-GRADED GRAVEL WITH SAND (GW) –maximum 75mm material				2.0
1.0	▤	45		GW		▲ ● ■	4.0
			SANDY SILT				6.0
2.0							
			ASH				8.0
			SANDY GRAVELLY SILT				10.0
3.0							
			END HOLE at 3.3m				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							
							34.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.3 m	COMPLETE 88/10/21
	LOGGED BY DT JDM	DWG NO. Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797150.00 E614250.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-21	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC SILT-gravelly				0.0
	▤	46	GRAVELLY SAND -maximum 100 mm. -trace silt -sample 46 lost in transit				2.0
1.0			ORGANIC SILTY GRAVELLY SAND				4.0
2.0			SILT				6.0
			GRAVELLY SAND				8.0
3.0			SILT -brown -moist				10.0
			END HOLE at 3.7				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.7 m	COMPLETE 88/10/21
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797130.00 E614215.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-22	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVELLY SILTY ORGANIC SAND	
			POORLY GRADED GRAVEL WITH SAND (GP) -maximum200mm material -estimate 2-5% +100mm	GP
1.0		47		
2.0			WELL-GRADED GRAVEL WITH SAND (GW) -maximum 150mm material -estimate 2-5% +100mm	
		48		GW
3.0				
4.0				
		49		GW
5.0			END HOLE at 4.8m -caving in at bottom	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.8 m		COMPLETE 88/10/21
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T23
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797275.00 E614160.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-23	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
			-moist	
1.0	▤	50	-maximum 100mm material	GW
			-easy digging	
2.0			-maximum 125mm material below 2.0m	
			-estimate 5% +100mm	
			-subrounded to rounded material	
			-easy digging	
3.0	▤	51		GW
			POORLY GRADED SAND WITH GRAVEL (SP)	
			-gray brown	
4.0	▤	52	-moist	SP
			-vertical hole walls, little sluffing	
5.0			-maximum 200mm material below 4.8m	
			-estimate 5% +100mm below 4.8m	
			-organic material present below 4.8m	
			END HOLE at 5.2m	
6.0			-photo #1-1	
			-flat logged area	
7.0			-spruce to 250mm dia.	
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.2 m	COMPLETE 88/10/22
	LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T24
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797345.00 E614125.00	Project No: 1201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-24	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY GRAVEL WITH ROOTS	
			SANDY GRAVEL -gray brown -moist -maximum 200mm material -estimate 2-5% +100mm -easy digging -rounded to subrounded material	
2.0			ORGANIC SANDY SILT -gray brown -moist	
3.0	▤	53	POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -gray brown -moist	GP/GM
			SANDY SILT -gray brown	
4.0	▤	54	-moist	GW/GM
			WELL-GRADED GRAVEL WITH SILT AND SAND (GW-GM) -light brown -moist -vertical hole walls, little sluffing	
6.0			END HOLE at 5.3m -photo #1-2 -flat logged area -spruce to 300mm dia.	

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.3 m	COMPLETE 88/10/22
	LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T25
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797305.00 E614045.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-25	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			SILTY SANDY GRAVEL -gray brown -moist -maximum 100mm material -round to subrounded material				
1.0		55	POORLY GRADED SAND WITH SILT AND GRAVEL (SP-SM) -gray brown -moist -roots to 2.0m	SP/SM		▲ ■ ●	4.0
2.0			SILTY SAND -brown -moist				6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
			-no sluffing				
5.0							16.0
			END HOLE at 5.3m -spruce to 400mm dia., 9m tall				18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

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COMPLETION DEPTH 5.3 m	COMPLETE 88/10/22
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T26
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797245.00 E614105.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-26	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			POORLY GRADED GRAVEL WITH SAND (GP) -gray brown -moist -maximum 150mm material				2.0
1.0		56	-estimate 5% +100mm -rounded to subrounded material	GP			4.0
2.0			-maximum200mm material below 2.0m -estimate 5% +100mm -rounded to subrounded material				6.0
		57	-easy digging	GP			8.0
3.0			-odd stick throughout				10.0
4.0							12.0
		58		GP			14.0
5.0							16.0
			END HOLE at 5.4m -photo #1-3				18.0
6.0							20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.4 m	COMPLETE 88/10/22
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T27
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797125.00 E614165.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-27	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL TO POORLY GRADED GRAVEL WITH SAND (GW TO GP)	
			-gray brown	
1.0			-damp to moist	
			-maximum 250mm material	
			-estimate 5% +100mm	
			-root system to 1.0m	
2.0	▤	59		GP
3.0	▤	60	-verticle hole walls, little sluffing	GW
4.0				
	▤	61		GP
5.0				
			END HOLE at 5.2m	
			-photo #1-4	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 5.2 m	COMPLETE 88/10/22
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T28
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797095.00 E614120.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-28	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			SILTY SAND WITH GRAVEL (SM) -gray brown -damp -silt pockets -maximum 300mm material -estimate 5-10% +100mm -rounded to subrounded material -silty sand seams below 1.2m -light brown below 2.0m -moist below 2.0m				2.0
1.0							4.0
		62		SM		▲ ■ ●	6.0
2.0							8.0
3.0			-gravel seams alternating with silty sand seams below 3.0m				10.0
		63		SM		▲ ■●	12.0
4.0							14.0
5.0			END HOLE at 5.0m -photo #1-5 shot down hole				16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.0 m	COMPLETE 88/10/22
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T29
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797285.00 E614070.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-29	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			GRAVELLY SILTY SAND	
			-root system	
1.0			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
			-damp	
			-maximum 300mm material	
			-estimate 10% +100mm	
2.0	▤	64		GW
			ORGANIC MATERIAL	
3.0			-small logs and branches	
			SANDY SILT	
			-brown	
			-moist	
4.0			-trace of gravel	
5.0			END HOLE at 5.2m	
			-spruce to 6.0m, willows	
6.0			-flat	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 5.2 m		COMPLETE 88/10/22
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T30
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797380.00 E613990.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-30	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			FINE GRAVEL	
			SANDY SILT	
1.0			FINE GRAVEL	
			SANDY SILT	
2.0			POORLY GRADED GRAVEL WITH SAND (GP) -gray brown -moist	
	▤	65	-maximum 100mm material	GP
3.0			SANDY SILT -brown -moist	
4.0			END HOLE at 3.6m -flat terrain	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 3.6 m	COMPLETE 88/10/22
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T31
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797205.00 E614030.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-31	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW) -gray brown -damp -maximum 300mm material -estimate 5% +100mm	
1.0	▤	66		GW
2.0			POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -gray brown -moist -maximum 300mm material -estimate 5% +100mm	
3.0	▤	67		GP/GM
4.0				
			END HOLE at 4.6m -flat terrain	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 88/10/22
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T32
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797110.00 E614065.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-32	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			SILTY SAND -gray brown -moist				
1.0							4.0
			SANDY GRAVEL -gray brown -damp -maximum 150mm material -estimate 5% +100mm				6.0
2.0							
		68	POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -gray brown -moist -maximum 150mm material -estimate 5% +100mm -easy digging	GP/GM		▲ ● ■	8.0
3.0							10.0
							12.0
4.0		69		GP/GM		▲ ● ■	
			-hole walls vertical, little sluffing				14.0
5.0			GRAVELLY SILTY SAND				16.0
			END HOLE at 5.4m -flat terrain -spruce to 6.5m tall				18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.4 m	COMPLETE 88/10/23
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T33
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797055.00 E614085.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-33	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL TO POORLY GRADED GRAVEL WITH SAND (GW TO GP)	
			-gray brown	
1.0	▤	70	-moist	GW
			-maximum 250mm material	
			-estimate 5% +100mm	
2.0				
	▤	71	-free standing walls	GP
3.0			ORGANIC SANDY SILT	
			-hard	
			END HOLE at 3.6m	
4.0			-flat terrain	
			-spruce to 10m tall	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID
20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.6 m		COMPLETE 88/10/23
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T34
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797210.00 E613965.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-34	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
			-moist	
1.0			-maximum 250mm material	
			-estimate 5% +100mm	
			-easy digging	
		72		GW
2.0				
3.0				
		73		GW
4.0			-free standing walls	
			SANDY SILT	
			-hard	
5.0			END HOLE at 4.5m	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.5 m	COMPLETE 88/10/23
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T35
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797075.00 E613980.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-35	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			POORLY GRADED GRAVEL WITH SAND (GP)	
			-gray brown	
			-moist	
1.0			-maximum 250mm material	
			estimate 5% +100mm	
		74		GP
2.0				
3.0			-maximum 300mm material below 3.0m	
		75	-estimate 5-10% +100mm below 3.0m	GW/GM
4.0			-occasional decomposed log below 3.0m	
		76	-free standing walls	GP
5.0			END HOLE at 5.2m	
			-photo #1-6	
6.0			-flat terrain	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.2 m	COMPLETE 88/10/23
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T36
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797205.00 E613910.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-36	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			SANDY SILTY GRAVEL -gray brown -moist -maximum 300mm material -estimate 5% +100mm				2.0
1.0			GRAVELLY SILT				4.0
			FINE GRAVEL				6.0
2.0			GRAVELLY SANDY SILT				8.0
			POORLY GRADED SAND WITH GRAVEL (SP) -gray brown -moist				
	▤	77	-maximum 200mm material -estimate 5% +100mm	SP		▲ ■ ●	
3.0							10.0
			POORLY GRADED GRAVEL WITH SAND (GP) -gray brown -moist				12.0
4.0	▤	78	-maximum 200mm material -estimate 5% +100mm -easy digging -very little sluffing	GP		▲ ● ■	14.0
5.0			GRAVELLY SANDY SILT -hard digging				16.0
			END HOLE at 5.2m -flat terrain				18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.2 m	COMPLETE 88/10/23
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T37
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797060.00 E613935.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-37	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			POORLY GRADED GRAVEL WITH SAND (GP) -gray brown -moist -maximum 300mm material -estimate 10% +100mm	
1.0				
		79		GP
2.0				
3.0		80		GP
4.0			ALTERNATING LAYERS OF SILT, SAND, ORGANICS -hard digging	
			END HOLE at 4.6m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 88/10/23
	LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T38
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797195.00 E613855.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-38	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SANDY SILT	
			POORLY TO WELL-GRADED GRAVEL WITH SAND (GP TO GW)	
1.0			-gray brown	
			-moist	
			-maximum 200mm material	
	▤	81	-estimate 5% +100mm	GP
2.0				
	▤	82		GW
3.0				
			POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM)	
4.0			-gray brown	
			-moist	
	▤	83	-maximum 200mm material	GP/GM
5.0			-estimate 5% +100mm	
			END HOLE at 5.0m	
			-flat terrian	
			-beside water course	
			-formerly logged area	
6.0			.	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.0 m		COMPLETE 88/10/23
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1749.5; 250m L of highway	BOREHOLE No. 17500T39
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797080.00 E613870.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 030-39	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			POORLY GRADED GRAVEL WITH SAND (GP) -gray brown -moist -maximum 250mm material -estimate 10% +100mm -easy digging	
1.0				
2.0		84		GP
3.0			POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -gray brown -moist -maximum 250mm material -estimate 10% +100mm -hole caving in -easy digging -maximum 200mm material below 4.5m -estimate 5% +100mm below 4.5m	
4.0		85		GP/GM
5.0		86		GP/GM
			END HOLE at 5.2m -photo #1-7	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

PERCENT GRAVEL (20 40 60 80)
PERCENT SAND (20 40 60 80)
PERCENT FINES (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.2 m		COMPLETE 88/10/23
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 500 m L of Highway	BOREHOLE No. 17500TA1
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797310.00 E612610.00	Project No: 0201-4981
INAC	ORIGINAL TESTPIT NUMBER 3-028-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC SAND – trace silt, damp, rootlets				0.0
			GRAVEL AND SAND(GW) – trace of silt, trace of clay, medium grey, damp, subangular to angular, medium dense, rootlets to 0.7m, well graded				
1.0							4.0
2.0			– dry				6.0
							8.0
3.0	▤	2		GW	●	▲ ● ■	10.0
			END OF TESTPIT AT 3.3m.				
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.3 m	COMPLETE 81/06/12
	LOGGED BY RJW JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 500 m L of Highway	BOREHOLE No. 17500TA2
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6797030.00 E612860.00	Project No: 0201-4981
INAC	ORIGINAL TESTPIT NUMBER 3-028-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC SAND AND SILT – rusty brown, damp, rootlets				0.0
		1	ASH – white, damp, granular				
1.0		2	SILT(ML) – some sand, brownish grey, damp, rootlets				4.0
			GRAVEL AND SAND(GW) – trace of silt, trace of cobbles, medium grey, moist to 2.0m., subangular to angular, roots to 0.8m., medium dense, well graded				
2.0		3					8.0
3.0							10.0
			END OF TESTPIT AT 3.3m.				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.3 m	COMPLETE 81/06/12
	LOGGED BY RJW JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 500 m L of Highway	BOREHOLE No. 17500TA3
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796880.00 E612570.00	Project No: 0201-4981
INAC	ORIGINAL TESTPIT NUMBER 3-028-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	ORGANIC SAND AND SILT – brown, damp, roots, and rootlets	
			GRAVEL AND SAND(GW) – trace silt, trace cobbles, medium grey, moist to to 1.4m, subangular to angular, roots to 0.5m, well graded – dry	
1.0		2		
2.0		3		GW
3.0		4		GW
			END OF TESTPIT AT 3.0m.	

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft) 0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 81/06/12
	LOGGED BY RJW JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 500 m L of Highway	BOREHOLE No. 17500TA4
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796930.00 E612490.00	Project No: 0201-4981
INAC	ORIGINAL TESTPIT NUMBER 3-028-4	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC SAND – rust brown, moist to very moist, roots, rootlets	
		1	GRAVEL AND SAND(GP) – trace silt, trace cobbles, brownish grey, subangular to angular, roots to 1.2m, medium dense, poorly graded	GP
1.0		2		
		3		GP
2.0			– dry	
		4		GP
3.0			END OF TESTPIT AT 3.0m.	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID: 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 81/06/13
	LOGGED BY RJW JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1750.0, 500 m L of Highway	BOREHOLE No. 17500TA5
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6796575.00 E612600.00	Project No: 0201-4981
INAC	ORIGINAL TESTPIT NUMBER 3-028-5	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT(PT) – fine fibrous near surface grading to amorphous granular to 0.2m, organic, some sand, dark brown, moist				0.0
1.0		1	GRAVEL AND SAND(GP) – trace silt, trace cobbles, medium grey, with silt inclusions and pockets, subangular to angular, dry to bottom, rootlets to 0.6m, medium dense, well to poorly graded	GP	●	▲ ● ■	4.0
2.0		2					6.0
							8.0
3.0		3		GW	●	▲ ● ■	10.0
			END OF TESTPIT AT 3.4m.				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.4 m	COMPLETE 81/06/12
	LOGGED BY RJW JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 2000 m L of Highway	BOREHOLE No. 17522B11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798650.00 E609820.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-028-I	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL-and sand, some clay, angular to subrounded, moderately well graded, damp, dense, dark brown				0.0
1.0		1					2.0
2.0							4.0
3.0		2					6.0
4.0							8.0
			SAND-some gravel, moist, dark brown				10.0
5.0		3					12.0
			SILT-some gravel, moist, dark brown				14.0
6.0		4					16.0
7.0		5					18.0
8.0			GRAVEL-and silt, some sand, angular to subrounded, poorly graded, damp to moist				20.0
9.0							22.0
10.0		6					24.0
			END OF TESTPIT AT 10.0 m				26.0
11.0							28.0
							30.0
							32.0
							34.0
							36.0
							38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 10.0 m	COMPLETE 81/07/04
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B03
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805440.00 E604480.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL–little sandy silt, coarse–grained, to 75mm diameter, medium–graded				0.0
1.0			– finer gravel to 65mm diameter				2.0
							4.0
		A1			●		6.0
2.0							8.0
3.0			– cobbles				10.0
			END OF BOREHOLE AT 3.0 m Refusal on cobbles				12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 82/11/27
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 2000 m L of Highway	BOREHOLE No. 17522B14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798680.00 E610225.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-028-4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL–and sand, trace of silt, damp to moist, dark brown, trace of cobbles and boulders encountered at 4.9 m				0.0
1.0							2.0
2.0							4.0
3.0	▤	1		GP/GW		▲ ● ■	6.0
							8.0
4.0							10.0
5.0							12.0
							14.0
							16.0
6.0			SAND–some gravel, trace of silt, moist, compact, dark brown				18.0
							20.0
7.0			CLAY – trace of silt, gravel and coal, little sand, moist to wet, dark brown				22.0
							24.0
8.0							26.0
							28.0
9.0			GRAVEL–and sand, trace of clay and silt, fine grained, moist, dark brown				30.0
							32.0
10.0			END OF BOREHOLE AT 10.1 m				34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.1 m	COMPLETE 81/07/13
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 2000 m L of Highway	BOREHOLE No. 17522B17
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798475.00 E610010.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-028-7	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT–some sand, trace of organics and gravel, damp to moist, medium brown				0.0
1.0							2.0
							4.0
2.0			SAND AND GRAVEL–trace of clay and silt, moist, grey, becoming wet with depth				6.0
	▤	1		SW/SP	●	▲ ● ■	8.0
3.0			– dark brown				10.0
							12.0
4.0			– very wet				14.0
5.0							16.0
			CLAY–and gravel, trace of sand and silt, wet, dark brown				18.0
6.0			– free water	▼			20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
			END OF BOREHOLE AT 8.8 m				30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

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Whitehorse, Yukon

COMPLETION DEPTH 8.8 m		COMPLETE 81/07/03
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 2000 m L of Highway	BOREHOLE No. 17522B18
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798830.00 E609640.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 79A-18	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	GRAVEL–some sand and cobbles, trace of clayey silt, fine to coarse grained, grey	
1.0			GRAVEL AND SAND–wood fragments, trace of cobbles and silt, fine to coarse grained, well graded, grey	
2.0		2		
3.0				
4.0		3		
5.0		4	GRAVEL–some well graded sand, trace of cobbles and clayey silt, fine to coarse grained, fairly well graded, grey	
6.0				
7.0		5		
8.0		6	SAND–trace of clayey silt and fine to medium grained gravel, well graded, dark grey	
9.0		7		
10.0		8		
11.0			END OF BOREHOLE AT 10.45 m NOTE: Water encountered at 6.5 metres during drilling.	

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 10.5 m		COMPLETE 79/04/13
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 1500 m L of Highway	BOREHOLE No. 17522B21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798880.00 E610590.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-028-I	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SAND—and gravel, some silt, trace of roots to 0.3 m, angular to subrounded, moist, grey	
1.0			– some cobbles and boulders at 0.9 m	
2.0				
3.0			– increasing silt content	
4.0				
5.0				
6.0				
7.0		1		SM
8.0			GRAVEL—some sand, trace of silt, moist	
9.0			CLAY—some silt, a little sand, trace to a little gravel, moist, low plastic, dark brown	
10.0			SAND—some gravel, a little to some silt, stratified, damp, brown NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	
11.0			END OF BOREHOLE AT 11.6 m	

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 11.6 m	COMPLETE 81/05/03
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 1500 m L of Highway	BOREHOLE No. 17522B23
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798855.00 E610820.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-028-3	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SAND–some gravel, trace of organics and silt, moist, dark brown	
1.0				
2.0			SAND AND GRAVEL–trace of silt, damp, grey, trace of cobbles and boulders encountered at 4.3 m to 6.1 m	
		2		SW/SP
3.0				
4.0				
5.0				
6.0				
7.0			GRAVEL AND CLAY–some sand, trace of silt, cobbles and oxidization, damp to moist, medium brown, boulder encountered at 7.3 m	
8.0			SAND–and gravel, trace of clay, silt, cobbles and boulders, dry to damp, light grey	
9.0				
			END OF BOREHOLE AT 9.4 m	
10.0				
11.0				

PLASTIC — M.C. — LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

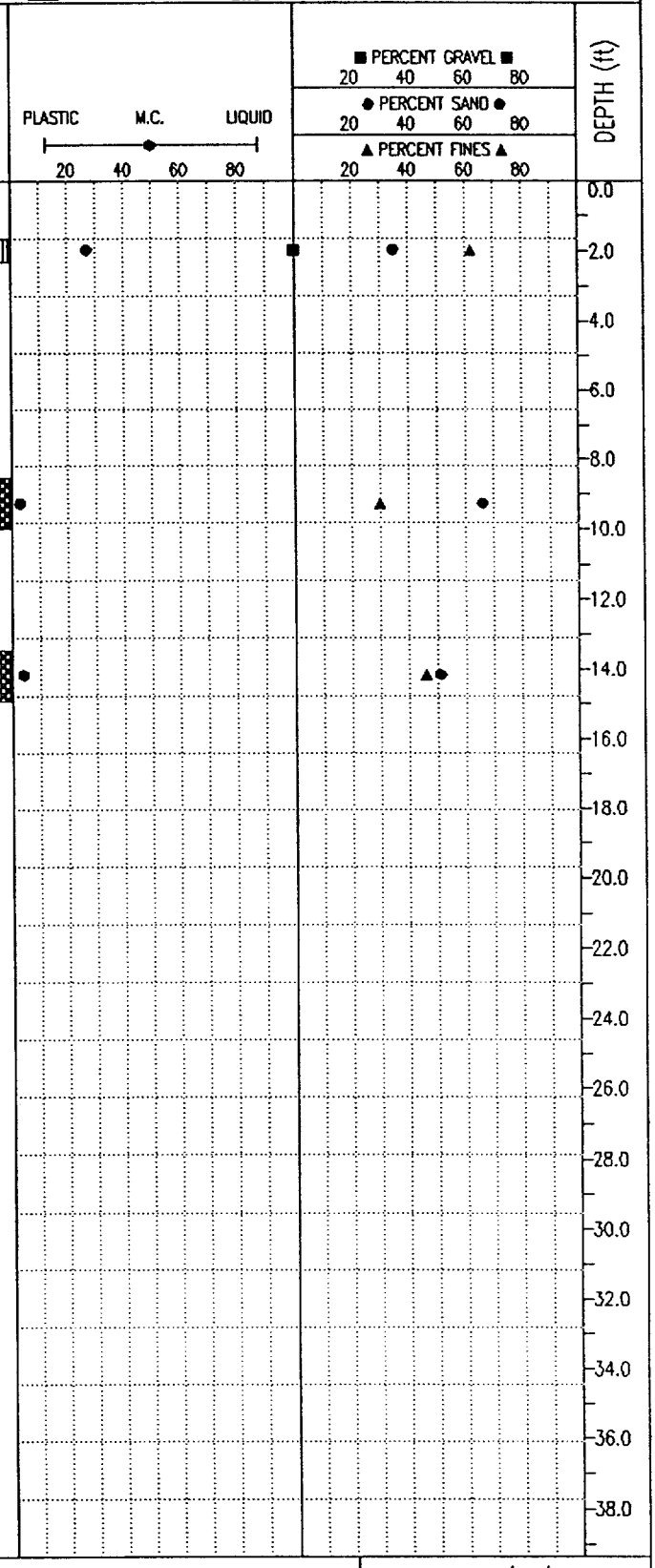
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COMPLETION DEPTH 9.4 m		COMPLETE 01/07/03
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 2000 m L of Highway	BOREHOLE No. 17522B71
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798460.00 E610170.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-01-71	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			MOSS AND PEAT–organic	
	▤	1	SILT AND SAND(ML)–trace of clay, very dark brown (10YR 2/2)	ML
1.0			– alluvial	
2.0			GRAVEL(GW)–sandy, trace of silt, subangular clasts to 150mm, very dark brown (10Y 2/2)	
	▤	2	– subangular clasts to 60mm, olive grey (5Y 4/2)	GW
3.0				
4.0			– alluvial	
	▤	3	GRAVEL AND SAND(GW)–trace of silt, loose, subangular clasts to 60mm, olive grey (5Y 4.2)	GW
5.0				
6.0				
7.0			– alluvial	
8.0				
9.0			– wet – free water	
10.0			– alluvial END OF BOREHOLE AT 10.0 m	
11.0				



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COMPLETION DEPTH 10.0 m		COMPLETE 80/04/19
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 2000 m L of Highway	BOREHOLE No. 17522T11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798675.00 E610430.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-028-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ☒ 75mm SPOON ☒ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT-organic, amorphous granular, rootlets, coarse fibrous, moist, brown				0.0
1.0	▤	1	SILT-trace of clay and sand, rootlets, laminated, grey/brown	ML	●		4.0
2.0			GRAVEL-and sand, some cobbles, trace of silt and boulders, subrounded to subangular, well graded, medium dense, grey/brown				6.0
3.0	▩	2		GW/GM		▲ ● ■	10.0
4.0			END OF TESTPIT AT 3.7 m				12.0
5.0							16.0
6.0							20.0
7.0							22.0
8.0							26.0
9.0							30.0
10.0							32.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.7 m	COMPLETE 81/06/13
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 2000 m L of Highway	BOREHOLE No. 17522T12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798485.00 E610585.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-028-2	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–amorphous granular, rootlets, coarse fibrous, dry, grey	
1.0		1	SAND–some gravel and silt, trace of clay, weathered bedrock, leached, rusty brown	SM
2.0			GRAVEL–some sand, trace of silt, little cobbles, subrounded to angular particles, well to poorly graded, medium dense	
		2		GP/GW
3.0				
4.0			END OF TESTPIT AT 3.7 m	

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

DEPTH (m): 0.0, 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.7 m	COMPLETE 81/06/13
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 2000 m L of Highway	BOREHOLE No. 17522T13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798740.00 E610130.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-028-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT—amorphous granular, rootlets, coarse fibrous, moist, brown/black	
			SILT—some sand, trace of clay and sand, rootlets to 0.8 m, grey/brown	
1.0			ASH—isolated lense about 200 mm long, fine granular, white	
			SAND—some silt and cobbles, trace of clay, little gravel, moist, grey/brown	
2.0		1	SAND—some silt, gravel and cobbles, trace of clay, subangular to rounded, moderately well to well graded, medium dense, grey/brown	SM
3.0			END OF TESTPIT AT 2.5 m	
			NOTE: Refusal at 2.5 m due to more firmly bonded permafrost	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID
20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.5 m	COMPLETE 81/06/13
	LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 2000 m L of Highway	BOREHOLE No. 17522T14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798680.00 E610225.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-028-4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–amorphous granular, rootlets, fine fibrous, moist, brown	
1.0			GRAVEL–and sand, some cobbles, trace of silt and boulders, rootlets to 0.5 m, subangular to subrounded, poorly graded, medium dense, grey/brown	
2.0				
3.0	▤	1		GP
4.0			END OF TESTPIT AT 3.3 m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 3.3 m	COMPLETE 81/06/13
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 2000 m L of Highway	BOREHOLE No. 17522T15
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798555.00 E610340.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-028-5	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–amorphous granular, coarse fibrous, moist, olive brown	
			SILT – trace of clay and sand, rootlets, grey/brown	
1.0	▤	1		
			FRACTURED BEDROCK–greenstone, weathered, serpentine	
			END OF TESTPIT AT 1.5 m	
2.0			NOTE: Refusal at 1.5 m in bedrock	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.5 m		COMPLETE 81/06/13
	LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 2000 m L of Highway	BOREHOLE No. 17522T16
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798610.00 E609850.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-028-6	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–amorphous granular, rootlets, fine fibrous, moist, brown	
		1	SILT–trace of clay and sand, rootlets, grey/brown	ML
1.0			GRAVEL–and sand, trace of silt, subangular to rounded, grey/brown, all particles less than 75mm	
			SILT–trace of sand and clay, laminated, grey/brown	
2.0			GRAVEL–and sand, some cobbles, trace of silt and boulders, subangular to subrounded, poorly graded, medium dense. grey/brown	GP
3.0		2/3		GP
			END OF TESTPIT AT 3.5 m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 3.5 m		COMPLETE 81/06/13
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 2000 m L of Highway	BOREHOLE No. 17522T17
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798475.00 E610010.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-028-7	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–amorphous granular, rootlets, coarse fibrous, moist, brown	
1.0			GRAVEL–and sand, trace of silt and clay, rootlets, subangular to subrounded, well to poorly graded, olive green	
		1	SILT – trace of clay and sand, grey/brown	ML
2.0			GRAVEL–and sand, trace of silt, clay and boulders, little cobbles, subangular to subrounded, poorly graded, olive green	
		2		GP
3.0				
4.0			END OF TESTPIT AT 4.0 m	
		3		GP
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.0 m	COMPLETE 81/06/13
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 1500 m L of Highway	BOREHOLE No. 17522T21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798935.00 E610430.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-028-1	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–amorphous granular, organic, rootlets, fine fibrous, brown	
1.0			GRAVEL–and sand, little silt, all rocks less than 75 mm, medium dense, grey/brown	
		1	SILT–trace of sand, little clay, laminated, olive grey	GM
2.0		2	GRAVEL–some sand, trace of silt, clay, cobbles, boulders and rootlets, subrounded to subangular, poorly graded, medium dense, grey/brown	GM
		3		GM
3.0		4	SILT–trace of sand and iron oxides, little clay, laminated, olive grey	ML
4.0			END OF TESTPIT AT 4.0 m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.0 m	COMPLETE 81/06/13
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 1500 m L of Highway	BOREHOLE No. 17522T22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798830.00 E610700.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-028-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–organic, rootlets, amorphous gravel, brown	
		1	GRAVEL–and sand, trace of silt and clay, rootlets, subangular to rounded, medium dense, olive brown	GW-GP
1.0			SILT–organics, trace of sand, little clay	
			GRAVEL–some sand, trace of silt and clay, rootlets, subangular to rounded, well graded, medium dense, olive brown	
2.0		2		GW
		3		
3.0			END OF TESTPIT AT 3.1 m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 3.1 m		COMPLETE 81/06/12
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 1500 m L of Highway	BOREHOLE No. 17522T23
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6798855.00 E610820.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-028-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–organic, some silt, rootlets, granular, brown	
1.0			SAND–and gravel, trace of silt, cobbles and boulders, rootlets, subangular to rounded, olive brown	
			SILT–organics, trace of sand, little clay	
2.0	▤	1	SAND–and gravel, trace of silt, cobbles and boulders, subangular to rounded, poorly graded, olive brown	
	▤	2		
3.0				
			END OF TESTPIT AT 3.4 m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 3.4 m		COMPLETE 81/06/12
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1752.2, 1500 m L of Highway	BOREHOLE No. 17522T24
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6799050.00 E610740.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-028-4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT–silty, organic, amorphous granular, rootlets, moist, brown				0.0
1.0			SAND–and gravel, trace of silt, clay and cobbles, rootlets, subangular to rounded, medium dense, olive brown				2.0
2.0		1	SILT–organic, rootlets, little clay, local gravel lenses up to 0.3 m thick, brown		●		4.0
3.0							6.0
4.0		2	GRAVEL–and sand, trace of silt and cobbles, subangular to rounded, poorly graded, medium dense, olive brown		●	▲ ● ■	8.0
5.0			END OF TESTPIT AT 4.5 m				10.0
6.0							12.0
7.0							14.0
8.0							16.0
9.0							18.0
10.0							20.0
11.0							22.0
							24.0
							26.0
							28.0
							30.0
							32.0
							34.0
							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.5 m	COMPLETE 81/06/12
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B01
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805410.00 E604540.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT–sandy, trace of volcanic ash, brown				0.0
			GRAVEL–coarse grained, 75mm, medium graded				
1.0			SAND–silty, some gravel, coarse–grained				2.0
							4.0
2.0							6.0
							8.0
		A1	GRAVEL–little silty sand, medium–grained, subangular		●		
3.0							10.0
		A2	– finer, to 25mm diameter		●		12.0
4.0							14.0
5.0		A3	– trace of cobbles				16.0
							18.0
6.0			END OF BOREHOLE AT 6.0 m				20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m	COMPLETE 82/11/27
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B02
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805360.00 E604540.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			TOPSOIL–organic, volcanic ash	
			GRAVEL–sandy, coarse grained, to 50mm diameter, clean	
1.0				
	▤	A1		GP
2.0				
			– cobbles, frozen	
			END OF BOREHOLE AT 2.5 m	
3.0			Refusal on frozen cobbles.	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.5 m	COMPLETE 82/11/27
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B04
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805440.00 E604480.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL–some silty sand, coarse–grained, to 75mm diameter	
			– finer grained gravel to 20mm diameter, poorly graded	
1.0		A1		
			– cobbles	
2.0				
			– some silty sand, coarse grained gravel to 50–70mm diameter, grey	
3.0				
4.0				
5.0				
		A2		
6.0			– coarse–grained, subangular to subrounded	
			END OF BOREHOLE AT 6.0 m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft) 0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 6.0 m		COMPLETE 82/11/27
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B05
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805390.00 E604480.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-5	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL–trace of silty sand,coarse grained, to 75mm diameter				0.0
			– some silty sand, finer gravel, to 25mm diameter, well graded				2.0
1.0							4.0
2.0		A1					6.0
							8.0
3.0							10.0
			– coarser gravel, subangular to subrounded				12.0
		A2					
4.0			– cobbles				14.0
			END OF BOREHOLE AT 4.0 m				
			Refusal on cobbles				16.0
5.0							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.0 m	COMPLETE 82/11/27
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B06
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805350.00 E604480.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-6	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL–some silty sand, to 50mm diameter, dark brown	
1.0	▤	A1	– cobbles	
2.0				
3.0	▤	A2	– trace of cobbles	
4.0				
			– cobbles, frozen	
			END OF BOREHOLE AT 4.5 m Refusal on cobbles and permafrost	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.5 m		COMPLETE 82/11/27
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B07
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805310.00 E604540.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-7	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SILT–organic, sandy, reddish brown	
			GRAVEL–coarse–grained, clean, poorly graded	
1.0				
		A1	– subangular to subrounded	GP
2.0				
			– cobbles	
3.0			– finer gravel	
		A2	– cobbles, frozen	
4.0			END OF BOREHOLE AT 4.0 m Refusal on frozen cobbles	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.0 m		COMPLETE 82/11/27
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B08
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805360.00 E604420.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-8	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SILT-organic, sandy, reddish brown, frozen	
			GRAVEL-some silty sand, to 35mm diameter, angular, frozen	
1.0		A1		
2.0				
3.0				
			- sandy, cobbles	
4.0		A2		
			END OF BOREHOLE AT 4.0 m Refusal on frozen cobbles	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.0 m		COMPLETE 82/11/27
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B09
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805400.00 E604420.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-9	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			FILL–sand, silty, some gravel, coarse grained, frozen				0.0
			GRAVEL–some silty sand, to 25mm diameter, angular, unfrozen				2.0
1.0		A1			●		4.0
			– finer, gravel to 15mm diameter				6.0
2.0			– coarser, to 35mm diameter				8.0
3.0		A2			●		10.0
			– subangular to subrounded, poorly graded				12.0
4.0							14.0
5.0							16.0
							18.0
6.0			END OF BOREHOLE AT 6.0 m				20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m	COMPLETE 82/11/28
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B10
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805450.00 E604410.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-10	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL-some silty sand, frozen	
	▤	A1		
1.0			END OF BOREHOLE AT 1.0 m Refusal in frozen gravel.	

PLASTIC — M.C. — LIQUID
20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 1.0 m		COMPLETE 82/11/28
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805430.00 E604360.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-11	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL-sandy, little silt, well graded				0.0
1.0		A1		GW			2.0
2.0							4.0
							6.0
3.0							8.0
							10.0
4.0							12.0
							14.0
5.0							16.0
		A2					18.0
6.0			– coarse gravel END OF BOREHOLE AT 6.0 m				20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m	COMPLETE 82/11/28
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805470.00 E604360.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-12	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL–some silty sand, occasional cobbles, frozen	
1.0		A1		
			– medium gravel, to 25mm diameter, poorly graded, unfrozen	
2.0				
3.0		A2	– gravel to 25mm diameter	
4.0				
5.0				
			– more coarse-grained sand	
6.0		A3	END OF BOREHOLE AT 6.0 m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 6.0 m	COMPLETE 82/11/28
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805490.00 E604300.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-13	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			FILL–gravel, coarse–grained	
			SILT–organic, sandy, dark brown	
1.0			GRAVEL–coarse–grained, subangular, clean	
2.0		A1	– coarse–grained, poorly graded	GP
3.0				
4.0				
5.0			– more coarse sand	
6.0		A2	END OF BOREHOLE AT 6.0 m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 6.0 m		COMPLETE 82/11/28
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805520.00 E604230.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-14	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SAND–silty, some gravel, brown, frozen, (FILL?)	
1.0	▤	A1	GRAVEL–some silty sand, to 65mm diameter, angular, unfrozen	
2.0				
3.0				
4.0	▤	A2	– coarse grained, subangular to subrounded, poorly graded	
5.0				
			– sandy, coarse-grained, dark brown	
6.0			END OF BOREHOLE AT 6.0 m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m		COMPLETE 82/11/28
	LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B15
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805470.00 E604240.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-15	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL–some silty sand, to 65mm diameter, subangular				0.0
1.0	▤	A1			●		4.0
2.0							6.0
3.0							8.0
4.0							10.0
	▤	A2	– coarse–grained, poorly graded		●		14.0
5.0			– frozen				16.0
6.0			END OF BOREHOLE AT 6.0 m				20.0
7.0							22.0
8.0							24.0
9.0							26.0
10.0							30.0
11.0							32.0
							34.0
							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m	COMPLETE 82/11/28
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B16
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805480.00 E604180.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-16	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			TOPSOIL–some volcanic ash, dark brown	
			GRAVEL–sandy, coarse–grained, poorly graded	
1.0				
2.0	▤	A1		GP
			– trace of sand, coarse–grained, poorly graded	
3.0				
4.0				
			– finer gravel to 25mm diameter, frozen	
5.0	▤	A2	– cobbles	
			END OF BOREHOLE AT 5.2 m Refusal on frozen cobbles	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 5.2 m	COMPLETE 82/11/28
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B17
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805440.00 E604190.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-17	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			TOPSOIL-organic	
			SILT-sandy, some organics, brown	
1.0				
		A1		
2.0				
3.0		A2		
			- frozen	
			END OF BOREHOLE AT 3.3 m	
4.0			Refusal on permafrost	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 3.3 m		COMPLETE 82/11/28
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B18
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805530.00 E604180.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-18	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL–little sand, coarse–grained, brown, unfrozen	
1.0		A1		
2.0				
3.0				
4.0		A2	– trace of sand, coarse–grained, poorly graded	GP
5.0				
			– more sand	
6.0		A3	END OF BOREHOLE AT 6.0 m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 6.0 m	COMPLETE 82/11/28
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B19
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805560.00 E604120.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-19	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT–organic, sandy, reddish brown				0.0
1.0			SAND–trace of silt and fine gravel, frozen				4.0
2.0	▨	A1	– grey clay mixed with sand				6.0
3.0							10.0
4.0			GRAVEL–some silty sand, frozen END OF BOREHOLE AT 4.0 m Refusal on frozen ground				12.0
5.0							16.0
6.0							20.0
7.0							22.0
8.0							26.0
9.0							28.0
10.0							30.0
11.0							32.0
							34.0
							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.0 m		COMPLETE 82/11/28
	LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B20
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805510.00 E604120.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-20	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SILT-organic, sandy, some volcanic ash, reddish brown, frozen	
1.0			GRAVEL-some silty sand, coarse grained, rounded, frozen	
2.0		A1		
3.0		A2		GW
			END OF BOREHOLE AT 3.0 m Refusal on coarse, frozen gravel	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 82/11/28
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1763.1, 80 m L of Highway	BOREHOLE No. 17631B21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805510.00 E604120.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER B-21	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SAND(SM/CL) – fine grained, brown	
			GRAVEL(GP) – some sand, trace of silt, coarse to fine grained	GP
1.0		1		
2.0			END OF BOREHOLE AT 2.2m. (frozen– unable to advance)	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.2 m	COMPLETE / /
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 30 m L of Highway	BOREHOLE No. 17664B11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805060.00 E599850.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-026-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT-some sand, trace of organics and gravel, damp to moist, loose				0.0
			GRAVEL-and sand, trace of silt and clay, angular to subrounded, poorly graded, damp to moist, light grey				
1.0							2.0
							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0			END OF BOREHOLE AT 8.2 m				30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 8.2 m	COMPLETE 81/07/05
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 30 m L of Highway	BOREHOLE No. 17664B13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805060.00 E601150.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-026-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SILT–some organics, trace of gravel and silt, moist, dark brown	
1.0		1	GRAVEL–and sand, trace of silt, angular to subrounded, poorly graded, damp, dense, grey	GP
		2		GW
2.0				
3.0				
			– trace of boulders	
4.0				
			– increasing moisture content	
5.0			– well graded, subangular to rounded	
6.0				
7.0				
8.0				
9.0				
10.0			END OF BOREHOLE AT 10.0 m	
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 10.0 m	COMPLETE 81/07/05
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 30 m L of Highway	BOREHOLE No. 17664B15
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805370.00 E600520.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-026-5	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL–and sand, trace of boulders and cobbles, little silt, angular to subrounded, poorly graded, dry to damp, grey				0.0
1.0							2.0
		1		GP/GW			4.0
2.0							6.0
		2		GP/GW			8.0
3.0			– trace to little boulders				10.0
4.0							12.0
							14.0
5.0							16.0
			– increasing moisture content				18.0
6.0							20.0
							22.0
7.0							24.0
			– wet, dark brown				26.0
8.0							28.0
							30.0
9.0							32.0
10.0			END OF BOREHOLE AT 10.0 m				34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.0 m	COMPLETE 81/07/05
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 30 m L of Highway	BOREHOLE No. 17664B34
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805340.00 E600810.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 78-B-34	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT–grass roots, organics				0.0
			VOLCANIC ASH				
			GRAVEL–trace of silt, occasional cobbles, little sand, fine to coarse grained, subrounded to subangular, dry, brown				
1.0	▤	M1					2.0
	▤	M2					4.0
			– grey				
2.0	▤	M3		GW			6.0
							8.0
3.0	▤	M4	– occasional to frequent cobbles				10.0
			GRAVEL–clayey, dry to dessicated				
	▤	M5					12.0
4.0							
			– red rock to 4.2 metres depth				14.0
	▤	M6	– silty, sandy, oxidized pockets, angular				
5.0	▤	M7					16.0
	▤	M8	– some to and clay, (till-like) – damp				18.0
6.0							20.0
	▤	M9	– wet to 6.5 metres depth – cobbles, green				
7.0	▤	M10	– wet to 7.2 metres depth				22.0
							24.0
			– frequent cobbles to 150mm diameter				
8.0	▤	M11					26.0
			– wet layer				28.0
9.0	▤	M12					30.0
			END OF BOREHOLE AT 9.2 m				
10.0							32.0
							34.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 9.2 m		COMPLETE 78/08/17
	LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 150 m L of Highway	BOREHOLE No. 17664B66
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805490.00 E599570.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER 80-01-66	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRASS	
		1	GRAVEL (GP/GM) – sandy, trace silt, subangular, clasts to 80 mm, light grey (5Y 7/1)	
1.0		2	(ALLUVIAL)	GP/GM
			GRAVEL AND SAND (GP/GM) – some silt, subangular clasts to 140 mm, light grey (5Y 7/1)	
2.0		3	(ALLUVIAL	GP/GM
3.0			– very hard drilling	
4.0			– sloughing hole	
			END OF BOREHOLE AT 4.0 m	

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.0 m	COMPLETE 80/04/16
	LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 150 m L of Highway	BOREHOLE No. 17664B67
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6804490.00 E601630.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER 80-01-67	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			MOSS AND ROOTS	
			PEAT – woody roots	
			(ALLUVIAL)	
			Vr,Vs 25–35% at 0.2 to 0.4 m	
1.0			VOLCANIC ASH – fine to medium-grained, trace organic silt	
		1	Vr,Vs 15–25% at 0.4 to 0.5 m	
			Nbn at 0.5 to 0.8 m	
2.0		2	ORGANIC SILT AND PEAT (OL) – layered	
			(ORGANIC)	
		3	Vs,Vr 35% at 0.8 to 1.2 m	GM
			SILT (ML) – some organic silt	
			Vs,Vr 50% at 1.2 to 1.4 m	
3.0		4	GRAVEL AND SAND (GM) – some silt, subangular clasts to 80 mm,	
		5	stratified, odd silt lens, olive grey (5Y 4/2)	SM
4.0		6	(ALLUVIAL)	
			Vr,Vc 10–15% at 1.4 to 1.5 m	
			Vx,Vc 5% at 1.5 to 3.1 m	
		7	SAND AND GRAVEL (SM) – some silt, subangular clasts to 80 mm, olive grey (5Y 4/2)	
5.0			Nbn at 3.1 to 5.2 m	
			– hard drilling	
			NOT FROZEN at 5.2 to 7.7 m	
6.0				
7.0		8	– subangular clasts to 40 mm, dark grey (5Y 4/1)	
			(ALLUVIAL)	
		9	SAND AND GRAVEL (SM) – some silt, subangular clasts to 40 mm, dark grey (5Y 4/1)	
8.0			– refusal, rock flour on bit	
			END OF BOREHOLE AT 7.7 m	
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 7.7 m		COMPLETE 80/04/16
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 200 m L of Highway	BOREHOLE No. 17664B76
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805375.00 E600610.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER 85-76	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL(GW) – sandy, trace silt, sub–rounded, damp, brown				0.0
1.0							2.0
2.0							4.0
							6.0
							8.0
3.0			END OF BOREHOLE AT 2.8m. (auger refusal on rocks)				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.8 m	COMPLETE 85/06/10
	LOGGED BY DS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 200 m L of Highway	BOREHOLE No. 17664B77
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805460.00 E600410.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER 85-77	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL AND SAND(GW/SW) – trace silt, sub-angular, damp, brown	
1.0				
2.0			GRAVEL(GW) – some sand, trace silt, odd cobbles, sub-rounded, damp, brown	
			END OF BOREHOLE AT 2.0m. (auger refusal on cobbles)	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.0 m	COMPLETE 85/06/10
	LOGGED BY DS JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T01
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805435.00 E600820.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-01	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
			-moist	
1.0			-maximum 200mm material	
	▤	1	-estimate 5-10% +100mm	GW
			-maximum 300mm material below 2.0m	
2.0			-estimate 10% +100mm below 2.0m	
			-easy digging below 2.0m	
	▤	2		GW
3.0				
4.0	▤	3		GW
			END HOLE at 4.3m	
			-water at 4.3m	
5.0			-flat terrain	
			-R. L. on site	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.3 m	COMPLETE 88/10/24
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T02
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805480.00 E600850.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-02	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			POORLY TO WELL-GRADED GRAVEL WITH SAND (GP TO GW)	
			-gray brown	
1.0	▤	4	-moist	GP
			-maximum 200mm material	
			-estimate 5-10% +100mm	
2.0			-maximum 300mm material below 2.0m	
			-estimate 10% +100mm below 2.0m	
			-easy digging below 2.0m	
3.0	▤	5		GP
			-frozen below 3.3m	
	▤	6	-visible ice (Vc)	GW
4.0			END HOLE at 3.8m	
			-flat terrain	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ — 20 40 60 80

● PERCENT SAND ● — 20 40 60 80

▲ PERCENT FINES ▲ — 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.8 m	COMPLETE 88/10/24
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T03
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805400.00 E600875.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-03	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-light brown	
			-damp	
1.0			-maximum 200mm material	
			-estimate 5-10% +100mm	
2.0		7		GW
3.0		8	-maximum 250mm material below 3.0m	GW
			-estimate 10% +100mm below 3.0m	
4.0		9		GW
			END HOLE at 4.5m	
5.0			-water at 4.5m	
			-flat terrain	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.5 m	COMPLETE 88/10/24
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T04
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805470.00 E600925.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-04	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL TO POORLY GRADED GRAVEL WITH SAND (GW TO GP)	
			-light brown	
1.0			-moist	
			-maximum 300mm material	
			-estimate 5% +100mm	
2.0		10		GW
			-maximum 450mm material below 2.5m	
			-estimate 5-10% +100mm	
3.0			-easy digging	
		11		GP
4.0		12		GW
			END HOLE at 4.2m	
			-water at 4.2m	
5.0			-photo 1-8	
			-flat terrain	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.2 m	COMPLETE 88/10/24
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T05
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805365.00 E600935.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-05	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			WELL-GRADED GRAVEL WITH SAND (GW) -gray brown -moist -maximum 350mm material -estimate 10% +100mm				
1.0	▤	13		GW			4.0
2.0							6.0
	▤	14		GW			8.0
3.0			-maximum 400mm material below 3.0m -estimate 10% +100mm below 3.0m				10.0
	▤	15		GW			12.0
4.0			END HOLE at 3.9 -water at 3.9m -flat terrain				14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.9 m	COMPLETE 88/10/25
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T06
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805455.00 E601065.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-06	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
			-moist	
1.0			-maximum 250mm material	
			-estimate 5% +100mm	
	▤	16		GW
2.0				
3.0	▤	17		GW
			-a little sluffing below 3.3m	
			END HOLE at 3.7m	
4.0			-water at 3.7m	
			-flat terrain	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.7 m	COMPLETE 88/10/25
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR GRANULAR	SOURCE: km 1766.4;	BOREHOLE No. 17664T07
RESOURCE INVENTORY	UTM ZONE: 7 N6805400.00 E600990.00	Project No: 0201-4981
INAC	ORIGINAL TESTPIT NUMBER: 031-07	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID 20 40 60 80	■ PERCENT GRAVEL ■ 20 40 60 80 ● PERCENT SAND ● 20 40 60 80 ▲ PERCENT FINES ▲ 20 40 60 80	DEPTH (ft)
0.0			GRAVEL AND SAND – grey–brown, moist – 250mm maximum material – estimate 5% + 100mm				0.0
1.0							4.0
2.0			– 300mm maximum material – estimate 5% + 100mm				6.0
3.0							10.0
4.0			END OF BOREHOLE AT 3.9m. – water table				12.0
5.0							16.0
6.0							20.0
7.0							24.0
8.0							26.0
9.0							30.0
10.0							32.0
11.0							36.0
							38.0

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COMPLETION DEPTH 3.9 m | COMPLETE 88/10/25

LOGGED BY CB JDM | DWG NO. | Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T08
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805455.00 E600990.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-08	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
			-moist	
			-maximum 200mm material	
1.0			-estimate 10% +100mm	
	▤	21		GW
2.0				
			-maximum 400mm material below 2.4m	
			-estimate 10% +100mm	
3.0	▤	22		GW
			END HOLE at 3.6m	
4.0			-water at 3.6m	
			-flat terrain	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.6 m		COMPLETE 88/10/25
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T09
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805385.00 E601060.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-09	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			POORLY GRADED GRAVEL WITH SAND (GP)				
			-gray brown				
			-moist				
			-maximum 250mm material				
1.0	▤	23	-estimate 5-10% +100mm	GP			4.0
			-maximum 350mm material below 2.0m				
2.0			-estimate 5-10% 100mm				6.0
							8.0
3.0	▤	24		GP			10.0
			END HOLE at 3.6m				12.0
4.0			-water at 3.6m				14.0
			-approx. 1.0m relief				
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.6 m	COMPLETE 88/10/25
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T10
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805465.00 E601120.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-10	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW) -gray brown -moist -maximum 300mm material -estimate 5% +100mm	
1.0	▤	25		GW
2.0				
3.0	▤	26		GW
			END HOLE at 3.7m -water at 3.7m -approx. 1.5m relief -approx. 60m from A/H centerline	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID
20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.7 m	COMPLETE 88/10/25
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805470.00 E601190.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-11	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW) -gray brown -moist -maximum 250mm material -estimate 5-10% +100mm	
1.0				
	▤	27		GW
2.0				
	▤	28		GW
3.0			END HOLE at 3.0m -water at 3.0m -approx. 1.0m relief	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 88/10/25
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805395.00 E601140.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-12	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
			-moist	
1.0			-maximum 250mm material	
			-estimate 5% +100mm	
	▤	29		GW
2.0				
			END HOLE at 2.6m	
3.0			-water at 2.6m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 2.6 m	COMPLETE 88/10/25
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805275.00 E601060.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-13	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			POORLY GRADED GRAVEL WITH SAND (GP) -gray brown -moist -maximum 300mm material -estimate 5% +100mm	
1.0				
	▤	30		GP
2.0				
	▤	31		GP
3.0			END HOLE at 2.9m -water at 2.9m -on pipeline -flat terrain	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.9 m	COMPLETE 88/10/25
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805230.00 E601120.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-14	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ▩ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVELLY SILTY SAND -frozen to 0.3m	
			WELL-GRADED GRAVEL WITH SILT AND SAND (GW-GM) -gray brown -moist -maximum 250mm material -estimate 5-10% +100mm	
1.0	▨	32		GW/GM
2.0			-water flowing at 2.4m	
3.0			END HOLE at 2.9m -approx. 2.0m relief -on pipeline	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 2.9 m		COMPLETE 88/10/26
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T15
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805310.00 E601150.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-15	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			WELL-GRADED GRAVEL WITH SAND (GW)				
			-gray brown				
			-moist				
			-maximum 300mm material				
1.0			-estmate 5% +100mm				4.0
	▤	33		GW			
2.0							6.0
			-flowing water at 2.1m				8.0
			-one 400mm boulder below 2.1m				
			-photos 10 & 11				
3.0			-photo 10 in hole				10.0
			END HOLE at 2.5m				
			-photos 10 & 11				12.0
4.0			-photo 10 in hole				14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.5 m	COMPLETE 88/10/26
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T16
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805390.00 E601190.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-16	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			WELL-GRADED GRAVEL WITH SAND (GW) -gray brown -moist -maximum 250mm material -estimate 5% +100mm				
1.0	▤	34		GW		▲ ● ■	4.0
2.0			-water flowing at 2.0m ▼				6.0
			END HOLE at 2.4m -0.5m dia. spruce cover -approx. 1.0m relief				8.0
3.0							10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.4 m	COMPLETE 88/10/26
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T17
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805480.00 E601225.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-17	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			POORLY GRADED GRAVEL WITH SAND (GP)	
			-gray brown	
			-moist	
1.0	▤	35	-maximum 250mm material	GP
			-estimate 5% +100mm	
			-easy digging	
2.0				
			-water flowing at 2.4m ▼	
3.0			END HOLE at 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ — 20 40 60 80

● PERCENT SAND ● — 20 40 60 80

▲ PERCENT FINES ▲ — 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 88/10/26
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T18
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805190.00 E601040.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-18	ELEVATION 0.00 (m)

SAMPLE TYPE: ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
			-moist	
1.0			-maximum 300mm material	
			-estimate 5-10% +100mm	
	▤	36		GW
2.0				
	▤	37	-hard digging, frozen below 2.2m	GW
			END HOLE at 2.6m	
3.0			-refusal	
			-south of pipeline on trail	
			-approx. 5m relief	
4.0			-thick spruce cover	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 2.6 m		COMPLETE 88/10/26
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T19
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805225.00 E600990.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-19	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
			-moist	
1.0			-maximum 300mm material	
			-estimate 5-10% +100mm	
	▤	38		GW
2.0				
			-easy digging	
	▤	39	-maximum 400mm material below 2.5m	GW
			-estimate 5-10% +100mm	
3.0	▤	40	-frozen below 2.9m	GW
			END HOLE at 3.3m	
			-refusal	
4.0			-water in bottom of hole 5 min. later	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 3.3 m		COMPLETE 88/10/26
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T20
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805150.00 E600940.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-20	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY GRAVEL	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
-1.0			-moist	
		41	-maximum 250mm material	GW
			-estimate 5-10% +100mm	
-2.0			-maximum 350mm material below 2.0m	
			-estimate 5-10% +100mm	
		42		GW
-3.0				
		43		GW
-4.0			-water below 3.9m	
			END HOLE at 4.0m	
			-hard digging at bottom	
			-photo #12	
-5.0				
-6.0				
-7.0				
-8.0				
-9.0				
-10.0				
-11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.0 m		COMPLETE 88/10/26
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805095.00 E600900.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-21	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			GRAVEL AND SILTY SAND LAYERS -moist	
1.0			WELL-GRADED GRAVEL WITH SAND (GW) -gray brown -moist -maximum 250mm material	
		44	-estimate 5-10% +100mm	GW
2.0			-frozen below 2.4m	
			END HOLE at 2.6m -refusal -thick spruce cover	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.6 m	COMPLETE 88/10/26
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805110.00 E600865.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-22	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			POORLY TO WELL GRADED GRAVEL WITH SAND (GP TO GW)	
			-gray brown	
1.0	▤	45	-moist	GP
			-maximum 400mm material	
			-estimate 5-10% +100mm	
2.0				
	▤	46		GW
3.0				
4.0	▤	47		GW
			END HOLE at 4.3m	
			-refusal	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.3 m	COMPLETE 88/10/26
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T23
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805175.00 E600900.00	Project No: 0201-4961
INAC	ORIGINAL TEST PIT NUMBER: 031-23	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY GRAVEL	
			POORLY TO WELL-GRADED GRAVEL WITH SAND (GP TO GW)	
1.0			-gray brown	
			-moist	
		48	-maximum 300mm material	GP
2.0			-estimate 5% +100mm	
3.0		49	-maximum 350mm material below 3.0m	GW
			-estimate 5-10% +100mm	
			-hole caving in	
4.0		50		GW
			END HOLE at 4.4m	
			-flowing water in bottom of hole	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft) 0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/10/26
	LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T24
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805250.00 E600930.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-24	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			POORLY GRADED GRAVEL WITH SAND (GP)	
			-gray brown	
			-moist	
1.0			-maximum 250mm material	
	▤	51	-estimate 5-10% +100mm	GP
2.0			-maximum 300mm material below 2.0m	
			-estimate 5-10% +100mm	
	▤	52		GP
3.0			-maximum 400mm material below 3.0m	
			-estimate 5-10% +100mm	
			-flowing water at 3.2m	
4.0			END HOLE at 3.4m	
			-approx. 3.0m relief	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.4 m	COMPLETE 88/10/26
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T25
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805320.00 E600880.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-25	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			POORLY TO WELL-GRADED GRAVEL WITH SAND (GP TO GW)	
			-gray brown	
1.0			-moist	
			-maximum 300mm material	
			-estimate 5-10% +100mm	
2.0		53		GP
			-easy digging	
3.0		54		GW
			-maximum 350mm material below 3.5m	
			-estimate 5-10% +100mm	
4.0			-water below 3.9m	
			END HOLE at 4.2m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.2 m		COMPLETE 88/10/27
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T26
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805270.00 E600840.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-26	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY GRAVEL	
			-frozen to 0.3m	
			WELL TO POORLY GRADED GRAVEL WITH SAND	
1.0		55	(GW TO GP)	GW
			-gray brown	
			-moist	
			-maximum 350mm material	
2.0			-estimate 5-10% +100mm	
		56		GW
			-easy digging below 2.5m	
3.0			-maximum 400mm material below 3.0m	
			-estimate 5-10% +100mm	
		57		GP
			▼ -water flowing below 3.7m	
4.0			END HOLE at 3.8m	
			-hole on old trail	
			-flat terrain	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID
20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.8 m	COMPLETE 88/10/27
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T27
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805190.00 E600790.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-27	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY GRAVEL	
			-frozen to 0.3m	
			POORLY TO WELL-GRADED GRAVEL WITH SAND (GP TO GW)	
1.0			-gray brown	
			-moist	
			-maximum 400mm material	
2.0			-estimate 5-10% +100mm	
	▤	59	-easy digging	GW
3.0				
	▤	60		GW
4.0			END HOLE at 4.0m	
			-water in bottom of hole	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.0 m		COMPLETE 88/10/27
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T28
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805195.00 E600655.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-28	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY SAND	
			POORLY TO WELL-GRADED GRAVEL WITH SAND (GP TO GW)	
1.0	▤	61	-gray brown -moist -maximum 300mm material -estimate 5-10% +100mm	GP
2.0	▤	62	-maximum 350mm material below 2.2m -estimate 10% +100mm	GW
3.0			-easy digging	
4.0	▤	63		GW
5.0			-water at 4.9m END HOLE at 5.0m	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.0 m	COMPLETE 88/10/27
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T29
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805255.00 E600710.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-29	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ▩ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY SAND	
			WELL-GRADED GRAVEL WITH SAND (GW)	
1.0	▤	64	-gray brown -moist -maximum 350mm material -estimate 5-10% +100mm	GW
2.0				
3.0	▤	65		GW
4.0				
5.0	▤	66	-water below 4.8m END HOLE at 5.0m -photo #13	GW
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 5.0 m		COMPLETE 88/10/27
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T30
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805310.00 E600765.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-30	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY SAND	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
1.0		67	-moist	GW
			-maximum 300mm material	
			-estimate 5-10% +100mm	
2.0				
		68		GW
3.0			-maximum 350mm material below 2.8m	
			-estimate 5-10% +100mm	
			-easy digging	
		69		GW
4.0			-water below 3.8m	
			END HOLE at 4.4m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.4 m	COMPLETE 88/10/27
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T31
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805365.00 E660815.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-31	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			POORLY GRADED GRAVEL WITH SAND (GP) (GP TO GW)	
			-gray brown	
1.0	▤	70	-moist	GP
			-maximum 300mm material	
			-estimate 5-10% +100mm	
2.0				
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
			-moist	
3.0	▤	71	-maximum 400mm material	GW
			-estimate 5-10% +100mm	
			-maximum 400mm material below 2.2m	
			-estimate 5-10% +100mm	
4.0	▤	72	-sample 72 lost in transit	
			-wet below 3.9m	
			-wet below 3.9m	
			-water below 4.2m	
			-water below 4.2m	
5.0			END HOLE at 4.4m	
			END HOLE at 4.4m	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.4 m		COMPLETE 88/10/27
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T32
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805230.00 E600660.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-32	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY SAND	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
1.0		73	-moist	GW
			-maximum 300mm material	
			-estimate 5-10% +100mm	
2.0			-easy digging	
		74	-maximum 500mm material below 2.8m	GW
3.0			-estimate 5-10% +100mm	
			-hole caving in	
4.0				
		75	-frozen below 4.4m	GW
			-no visible ice	
5.0			-very hard digging	
			END HOLE at 4.8m	
			-approx. 1.0m relief	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.8 m		COMPLETE 88/10/27
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T33
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805300.00 E600705.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-33	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY GRAVEL	
			-frozen	
			POORLY TO WELL-GRADED GRAVEL WITH SAND	
1.0		76	(GP TO GW)	GP
			-gray brown	
			-moist	
			-maximum 300mm material	
			-estimate 5-10% +100mm	
2.0			-maximum 350mm material below 2.0m	
			-estimate 5-10% +100mm	
		77	-easy digging	GW
3.0				
			-hole caving in below 3.3m	
4.0				
		78		GW
5.0			END HOLE at 4.8m	
			-water at 4.8m	
			-flat terrain	
			-open area	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

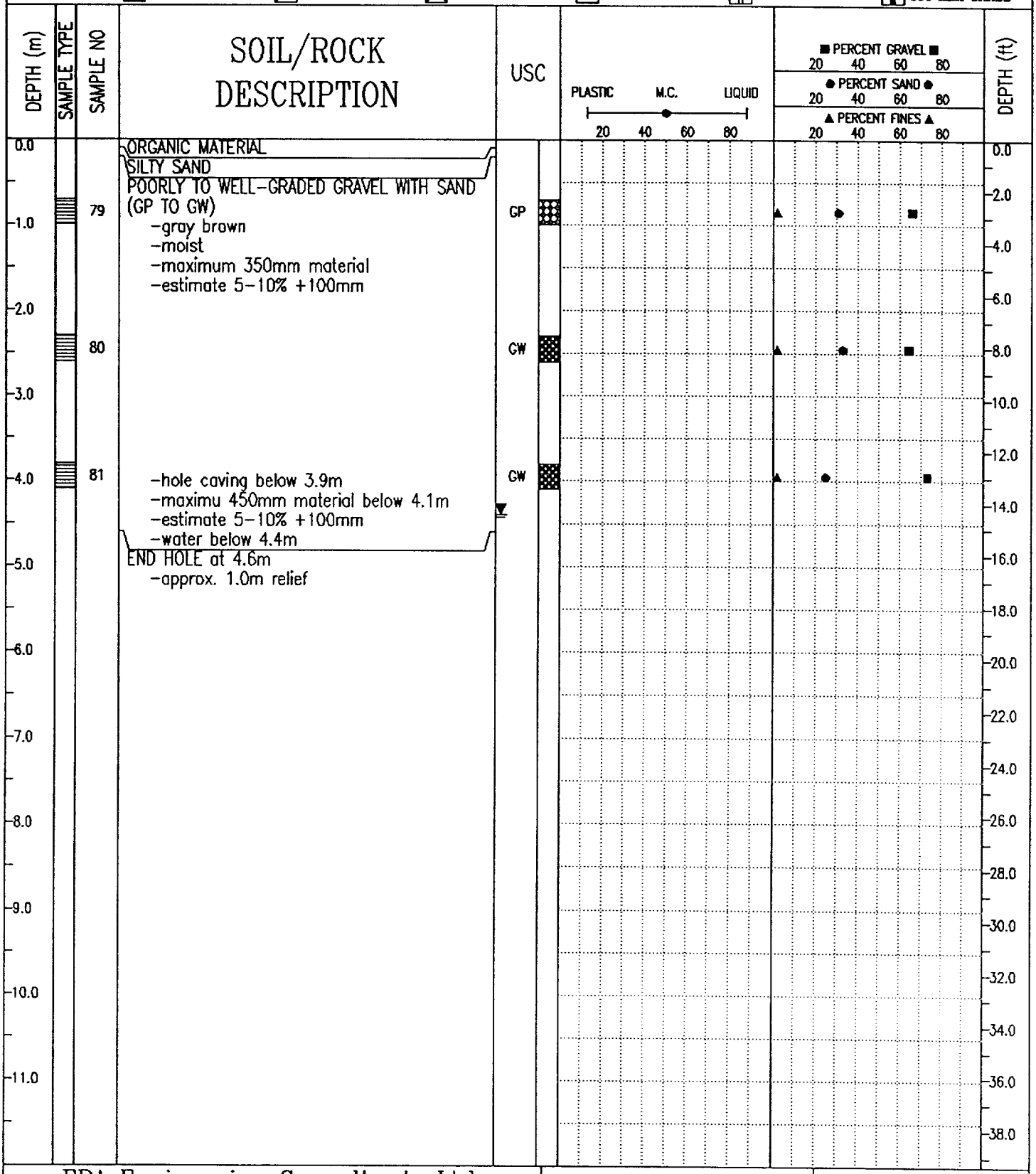
DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.8 m		COMPLETE 88/10/27
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T34
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805345.00 E600735.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-34	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 88/10/28
	LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T35
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805385.00 E600765.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-35	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY SAND	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
1.0	▤	82	-moist	GW
			-maximum 350mm material	
			-estimate 5-10% +100mm	
2.0				
			-estimate 5% +100mm below 2.0m	
	▤	83		GW
3.0				
	▤	84		GW
4.0			END HOLE at 4.0m	
			-water at 4.0m	
			-approx. 1.0m relief	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.0 m	COMPLETE 88/10/28
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 30 m L of Highway	BOREHOLE No. 17664TA1
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805060.00 E599850.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TESTPIT NUMBER 1-026-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–amorphous granular with woody fibrous inclusions, brown/black	
			ASH–granular, white/tan	
		2	SILT–little sand, dark grey	
-1.0		3	GRAVEL–and sand, trace of cobbles and	GW
		4	silt, all rocks less than 150mm, subrounded to subangular, well graded, medium dense, grey/brown	
-2.0			END OF TESTPIT AT 1.4 m	
			Refusal at 1.4 m due to more firmly bonded permafrost	
-3.0				
-4.0				
-5.0				
-6.0				
-7.0				
-8.0				
-9.0				
-10.0				
-11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

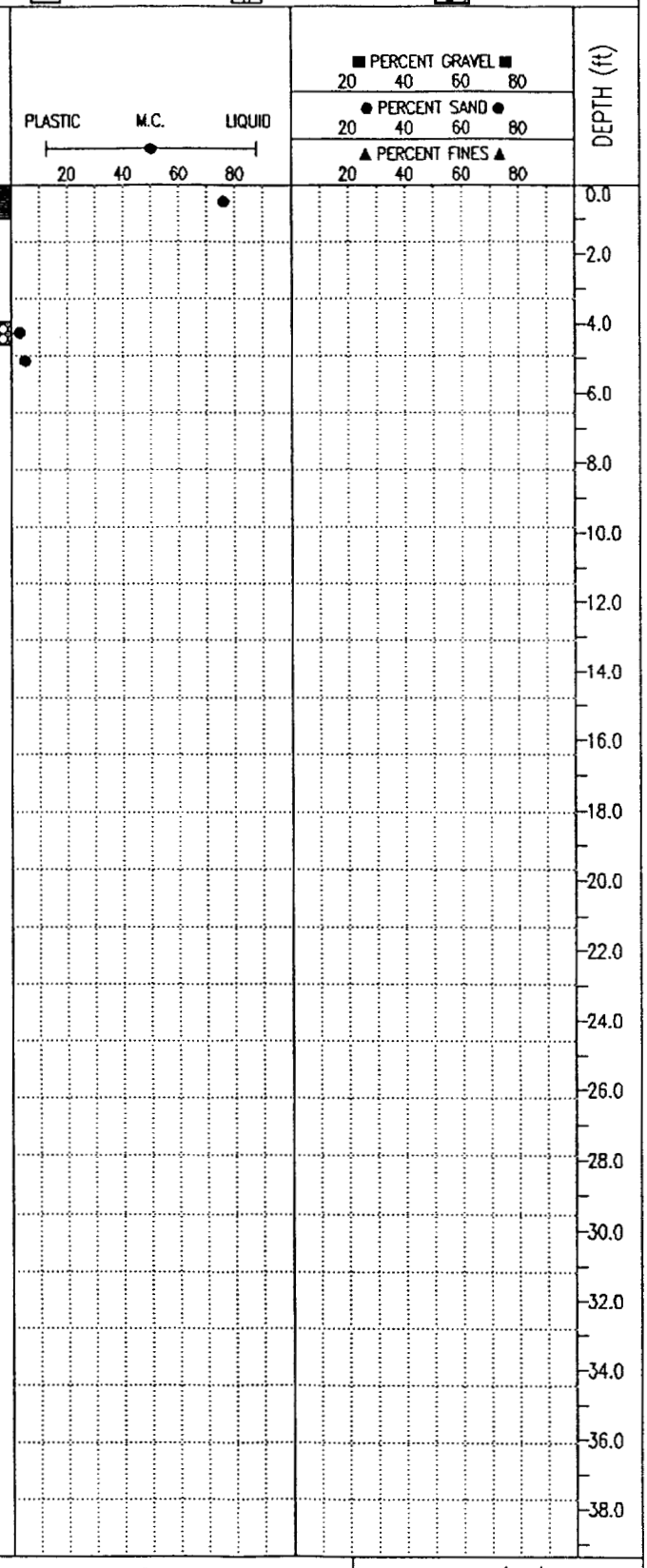
DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.4 m	COMPLETE 81/06/16
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 30 m L of Highway	BOREHOLE No. 17664TA2
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805150.00 E600230.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TESTPIT NUMBER 1-026-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ▩ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0	▤	1	PEAT–amorphous granular, contains woody fibres, moist, brown/black	PT
			ASH–granular, dry, white/tan	
1.0			GRAVEL–and sand, trace of boulders and silt, little cobbles, subrounded to subangular, poorly graded, medium dense, grey/brown	GP
	▤	2		
	▤	3		
2.0			END OF TESTPIT AT 2.1 m Refusal at 2.1 m due to more firmly bonded permafrost	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				



DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.1 m	COMPLETE 81/06/16
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 30 m L of Highway	BOREHOLE No. 17664TA3
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805195.00 E600800.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TESTPIT NUMBER 1-026-4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	ORGANIC SAND-and silt, roots and rootlets, damp, brown	SW
			GRAVEL-and sand, trace of silt, little cobbles, subrounded to subangular, well to poorly graded, moist, medium dense, light brown	
1.0		2		
2.0		3		GP/GW
			END OF TESTPIT AT 3.6 m	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.6 m		COMPLETE 81/06/13
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 0 m L of Highway	BOREHOLE No. 17664TA4
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805195.00 E600800.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TESTPIT NUMBER 1-026-4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0		1	ORGANIC SAND AND SILT(SW) – roots and rootlets, damp, brown				0.0
1.0		2	GRAVEL AND SAND(GP/GW) – trace of silt, trace of cobbles, subrounded to subangular, medium dense, moist, light brown	GP-GW			4.0
2.0		3		GP-GW			6.0
3.0							10.0
			END OF TESTPIT AT 3.6m.				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.6 m	COMPLETE 61/06/13
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T36
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805420.00 E600720.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-36	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SILT AND SAND (GW-GM) -gray brown -moist -maximum 350mm material -estimate 5-10% +100mm	
1.0		85		GW/GM
			WELL-GRADED GRAVEL WITH SAND (GW) -gray brown -moist -maximum 350mm material -estimate 5-10% +100mm	
2.0				
3.0		86		GW
			WELL-GRADED GRAVEL WITH SILT AND SAND (GW-GM) -gray brown -moist -maximum 350mm material -estimate 5-10% +100mm	
4.0		86A		GW/GM
			END HOLE at 4.2m -water at 4.2m -approx. 1.0m relief	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

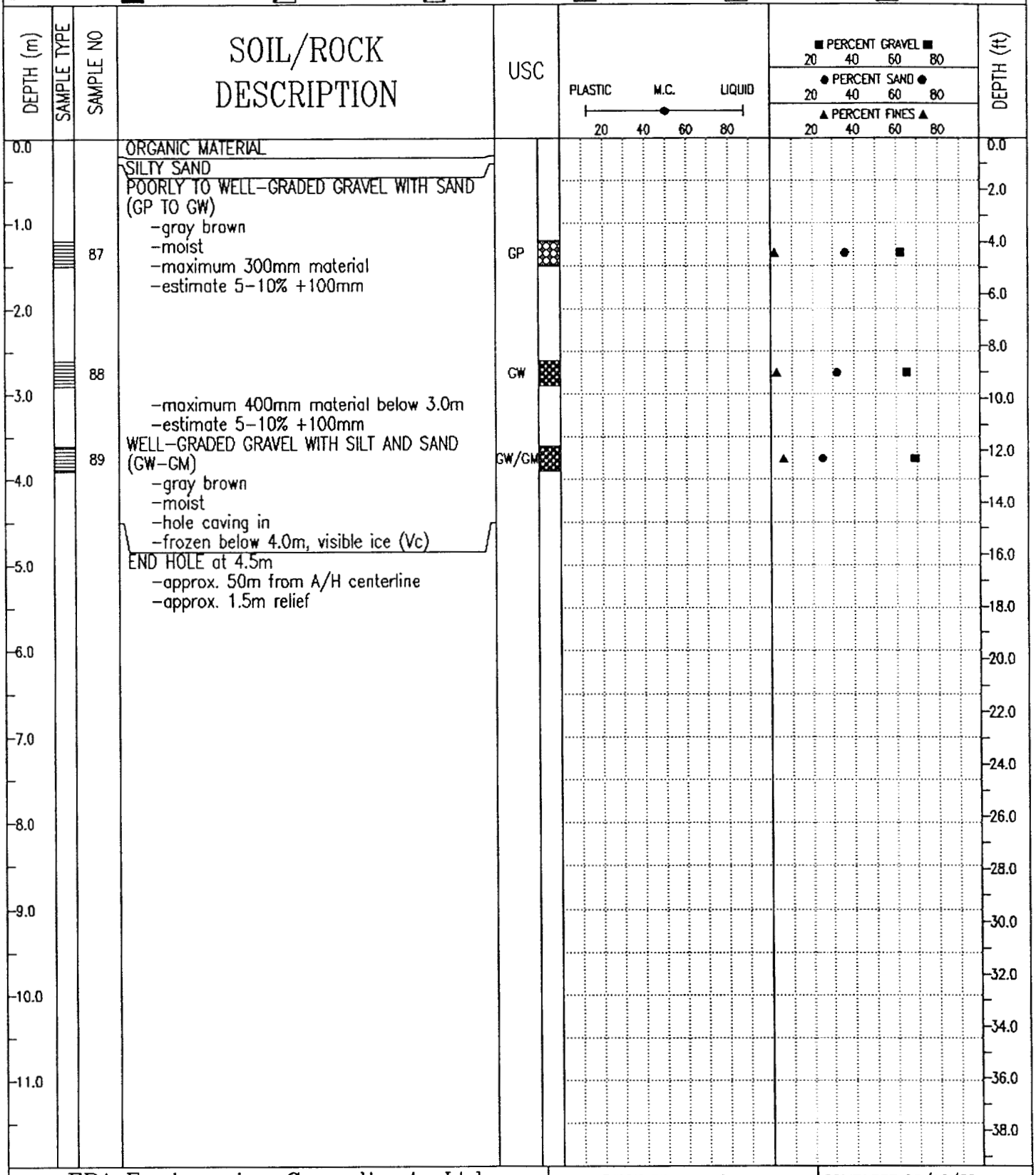
DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.2 m	COMPLETE 88/10/28
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T37
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805455.00 E600665.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-37	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.5 m	COMPLETE 88/10/28
	LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T38
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805350.00 E600675.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-38	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			GRAVELLY SAND -frozen	
1.0	▤	90	POORLY TO WELL-GRADED GRAVEL WITH SAND (GP TO GW) -gray brown -moist -maximum 250mm material -estimate 5% +100mm	GP
2.0				
	▤	91	-hole caving in below 2.5m	GW
3.0			-maximum 350mm material below 3.0m -estimate 5% +100mm	
4.0	▤	92		GW
			-water below 4.4m	
			END HOLE at 4.5m -hole on old trail -approx. 2.0m relief	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.5 m	COMPLETE 88/10/28
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T39
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805390.00 E600625.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-39	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
			-moist	
1.0		93	-maximum 300mm material	GW
			-estimate 5-10% +100mm	
2.0			-maximum 350mm material below 2.0m	
			-estimate 5-10% +100mm	
		94		GW
3.0			-hole caving in below 3.1m	
4.0		95		GW
			END HOLE at 4.4m	
5.0			-water at 4.4m	
			-hole on old trail	
			-approx. 1.5m relief	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/10/28
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T40
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805350.00 E600555.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-40	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY SAND	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
1.0	▤	96	-moist	GW
			-maximum 350mm material	
			-estimate 5-10% +100mm	
2.0	▤	97		GW
3.0			-hole caving in below 2.9m	
4.0	▤	98		GW
			-water below 4.1m	
			END HOLE at 4.2	
			-approx. 1.5m relief	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.2 m		COMPLETE 88/10/28
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T41
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805325.00 E600590.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-41	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
			-moist	
1.0			-maximum 300mm material	
			-estimate 5-10% +100mm	
	▤	99		GW
2.0				
	▤	100		GW
3.0				
4.0			END HOLE at 4.1m	
			-water at 4.1m	
			-on top of approx. 2.0m ridge	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.1 m	COMPLETE 88/10/28
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4; 150m L of highway	BOREHOLE No. 17664T42
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805290.00 E600540.00	Project No: 0201-4981
INAC	ORIGINAL TEST PIT NUMBER: 031-42	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ▩ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY SAND	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
1.0		101	-moist	GW
			-maximum 300mm material	
			-estimate 5-10% +100mm	
2.0				
3.0		102		GW
			-maximum 400mm material below 3.2m	
			-estimte 5-10% +100mm	
			-frozen below 3.7m	
4.0			END HOLE at 3.9m	
			-refusal	
			-approx. 1.0m relief	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 3.9 m		COMPLETE 88/10/28
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 200 m L of Highway	BOREHOLE No. 17664T84
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805460.00 E600410.00	Project No: 0201-4981
INAC	ORIGINAL TESTPIT NUMBER 85-84	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SAND(SM) – silty, damp, brown	
			GRAVEL(GW) – sandy, trace silt, some cobbles, rounded to sub-rounded, damp, grey	
1.0				
		1		GW
2.0			END OF TESTPIT 2.3m.	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 2.3 m	COMPLETE 85/06/18
LOGGED BY DS JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 200 m L of Highway	BOREHOLE No. 17664T85
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805220.00 E600870.00	Project No: 0201-4981
INAC	ORIGINAL TESTPIT NUMBER 85-85	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC SAND – silty, damp, brown	
			GRAVEL(GW) – sandy, trace silt, cobbles, rounded to sub-rounded, damp, grey	
1.0				
		1		GW
2.0			– hole sloughing	
		2		GW
			END OF TESTPIT AT 2.5m.	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 2.5 m		COMPLETE 85/06/18
LOGGED BY DS JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 200 m L of Highway	BOREHOLE No. 17664T86
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805345.00 E601140.00	Project No: 0201-4981
INAC	ORIGINAL TESTPIT NUMBER 85-86	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT(PT) – sandy, damp, dark brown				0.0
			GRAVEL(GW) – sandy, trace silt, cobbles, rounded to sub-rounded, damp, grey/brown				2.0
1.0							4.0
2.0	▤	1		GW	●	▲ ● ■	6.0
			END OF TESTPIT AT 2.5m.				8.0
3.0							10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.5 m	COMPLETE 85/06/18
LOGGED BY DS JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 200 m L of Highway	BOREHOLE No. 17664T87
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805380.00 E600995.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TESTPIT NUMBER 85-87	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT(PT) – sandy, damp, brown				0.0
			GRAVEL(GW) – sandy, trace silt, cobbles, rounded to sub-rounded, damp, grey/brown				2.0
1.0							4.0
2.0							6.0
	▤	1	END OF TESTPIT AT 2.5m.	GW	●	▲ ● ■	8.0
3.0							10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.5 m	COMPLETE 85/06/18
	LOGGED BY DS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 200 m L of Highway	BOREHOLE No. 17664T88
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805455.00 E601000.00	Project No: 0201-4981
INAC	ORIGINAL TESTPIT NUMBER 85-88	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT(PT) – sandy, damp, brown	
			GRAVEL(GP) – some sand, trace silt, cobbles, rounded to sub-rounded, damp, brown	
1.0		1		GP
2.0		2		GP
			END OF TESTPIT 2.2m.	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.2 m	COMPLETE 85/06/18
LOGGED BY DS JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 200 m L of Highway	BOREHOLE No. 17664T89
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805560.00 E600820.00	Project No: 0201-4981
INAC	ORIGINAL TESTPIT NUMBER 85-89	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT(PT) – sandy, damp, brown	
			GRAVEL(GP) – sandy, trace silt, cobbles, rounded to sub-rounded, damp, grey/brown	
2.0			END OF TESTPIT AT 2.2m.	
	▤	1		GP
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.2 m	COMPLETE 85/06/18
	LOGGED BY DS JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 200 m L of Highway	BOREHOLE No. 17664T90
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805290.00 E601080.00	Project No: 0201-4981
INAC	ORIGINAL TESTPIT NUMBER 85-90	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT(PT) – sandy, damp, brown	
			GRAVEL AND SAND(GM/SM) – trace silt, odd cobbles	
1.0			SAND(SM) – medium-grained, damp, brown	
			GRAVEL(GW) – sandy, trace silt, cobbles, sub-rounded, damp, grey	
2.0	▤	1		GW
			END OF TESTPIT AT 2.4m.	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 2.4 m		COMPLETE 85/06/18
LOGGED BY DS JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 200 m L of Highway	BOREHOLE No. 17664T91
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805300.00 E600795.00	Project No: 0201-4981
INAC	ORIGINAL TESTPIT NUMBER 85-91	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT(PT) – sandy, damp, brown	
			GRAVEL(GW) – sandy, trace silt, cobbles, rounded to sub-rounded, damp, grey	
2.0	▤	1		GW
			END OF TESTPIT AT 2.5m.	

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (m): 0.0, 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.5 m	COMPLETE 85/06/18
	LOGGED BY DS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 200 m L of Highway	BOREHOLE No. 17664T92
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805395.00 E600575.00	Project No: 0201-4981
INAC	ORIGINAL TESTPIT NUMBER 85-92	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ☒ 75mm SPOON ☒ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT(PT) – sandy, damp, dark brown				0.0
			GRAVEL AND SAND(GP) – trace silt, cobbles, rounded to subrounded, damp, grey				
1.0							2.0
							4.0
2.0							6.0
			END OF TESTPIT AT 2.2m.				8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.1 m	COMPLETE 85/06/18
	LOGGED BY DS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1766.4, 30 m L of Highway	BOREHOLE No. 17664TA5
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805370.00 E600520.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TESTPIT NUMBER 1-026-5	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	ORGANIC SAND-and silt, roots and rootlets, damp, light brown	SW
1.0			GRAVEL-and sand, some iron staining, trace of silt and boulders, little cobbles, subrounded to subangular, poorly graded, damp to moist, medium dense, light brown	
2.0		2		GP
3.0		3		GP
4.0			END OF TESTPIT AT 3.5 m	

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.5 m	COMPLETE 81/06/13
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1772.5, 350 m R of Highway	BOREHOLE No. 17725B01
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6808980.00 E597645.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 01	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			Peat SILT SAND AND SILT(SM) – gravelly, high moisture content frozen END OF HOLE AT 1.8 m				0.0
1.0							2.0
							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.8 m	COMPLETE 71/10/19
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1772.5, 350 m R of Highway	BOREHOLE No. 17725B02
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6808950.00 E597650.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER 02	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT				0.0
1.0							4.0
			SAND – gravelly, silty, high moisture content				
2.0			frozen END OF HOLE AT 2.0 m. (auger refusal on cobbles)				8.0
3.0							10.0
4.0							14.0
5.0							16.0
6.0							20.0
7.0							24.0
8.0							26.0
9.0							30.0
10.0							32.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.0 m	COMPLETE 71/10/19
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1772.5, 350 m R of Highway	BOREHOLE No. 17725B03
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6808920.00 E597655.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 03	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT				0.0
1.0		1	SAND AND SILT – trace gravel, coarse frozen grained	SM			2.0
			SAND – silty, some gravel, low plastic unfrozen				4.0
2.0							6.0
		2		SM	H		8.0
3.0							10.0
4.0							12.0
							14.0
			END OF HOLE AT 4.6 m.				16.0
5.0							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 71/10/19
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1772.5, 350 m R of Highway	BOREHOLE No. 17725B04
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6808855.00 E597660.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 04	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ▩ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT	
			SAND AND SILT – trace gravel, coarse grained	
1.0			SAND – silty, trace gravel, non to low plastic	
			unfrozen	
2.0	▨	1		SM
3.0			END OF HOLE AT 3.0 m.	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 71/10/19
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1772.5, 350 m R of Highway	BOREHOLE No. 17725B05
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6808980.00 E597605.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 05	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT				0.0
1.0			SILT – some sand, low plastic				4.0
			SILT AND SAND – trace gravel, low plastic, hard drilling				
2.0	▤	1		SM	H	■ ●	6.0
3.0			END OF HOLE AT 3.0 m.				10.0
4.0							12.0
5.0							16.0
6.0							20.0
7.0							22.0
8.0							26.0
9.0							28.0
10.0							30.0
11.0							32.0
							34.0
							36.0
							38.0

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Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 71/10/19
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1772.5, 350 m R of Highway	BOREHOLE No. 17725B06
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6808950.00 E597610.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER 06	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT frozen				0.0
1.0			SILT – sandy, low plastic				2.0
			GRAVEL – sandy, silty, cobbly				4.0
2.0							6.0
							8.0
3.0			END OF HOLE AT 3.0 m.				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 71/10/19
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1772.5, 350 m R of Highway	BOREHOLE No. 17725B07
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6808920.00 E597615.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 07	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL – sandy, some silt, cobbly, non plastic, very hard drilling	
1.0				
2.0	▤	1		GM
3.0				
			GRAVEL – silty, sandy, low plastic,grey	
4.0			END OF HOLE AT 4.0 m. (auger refusal)	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 4.0 m		COMPLETE 71/10/19
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1772.5, 350 m R of Highway	BOREHOLE No. 17725B08
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6808855.00 E597620.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER 08	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT frozen SAND – silty, trace gravel, coarse-grained				0.0
1.0							4.0
			PEAT				
2.0							6.0
							8.0
			END OF HOLE AT 2.6 m. (auger refusal on boulders)				
3.0							10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.7 m	COMPLETE 71/10/19
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1772.5, 350 m R of Highway	BOREHOLE No. 17725B09
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6808900.00 E597620.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 09	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND AND SILT – trace gravel, non plastic				0.0
1.0							2.0
			– hard drilling				4.0
2.0			Sand – silty, some gravel				6.0
							8.0
3.0	▤	1		GM	M	■ ▲ ●	10.0
4.0							12.0
			END OF HOLE AT 4.3 m.				14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.3 m		COMPLETE 71/10/19
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1772.5, 350 m R of Highway	BOREHOLE No. 17725B10
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6808950.00 E597570.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER 10	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND – gravelly, some silt, non plastic, very hard drilling				0.0
1.0							2.0
							4.0
2.0			END OF HOLE AT 1.8 m. (auger refusal)				6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.8 m	COMPLETE 71/10/19
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1772.5, 350 m R of Highway	BOREHOLE No. 17725B11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6808920.00 E597570.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 11	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL – sandy, some silt, dry, soft drilling				0.0
1.0							2.0
							4.0
2.0							6.0
		1		GM		▲ ● ■	8.0
3.0							10.0
							12.0
4.0							14.0
			– very hard drilling				
5.0							16.0
			END OF HOLE AT 5.2 m. (auger refusal)				18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 71/10/19
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1772.5, 350 m R of Highway	BOREHOLE No. 17725B12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6808855.00 E597575.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 12	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT	
			SAND AND SILT – trace gravel, low plastic	
1.0		1		SM
2.0			– wet	
			SAND – silty, gravelly, very hard drilling	
3.0		2		GM
4.0				
			END OF HOLE AT 4.6 m.	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 4.6 m		COMPLETE 71/10/19
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1772.5, 350 m R of Highway	BOREHOLE No. 17725B13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6808840.00 E597550.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER 13	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT				0.0
			SAND – silty, gravelly, hard drilling				2.0
1.0							4.0
			END OF HOLE AT 1.8 m. (auger refusal)				6.0
2.0							8.0
3.0							10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.8 m	COMPLETE 71/10/19	
	LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1772.5, 350 m R of Highway	BOREHOLE No. 17725B14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6808910.00 E597600.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER 14	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND – silty, gravelly, cobbly, very hard drilling				0.0
1.0							2.0
2.0							4.0
							6.0
			END OF HOLE AT 2.4 m. (auger refusal on boulders)				8.0
3.0							10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.4 m	COMPLETE 71/10/19
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0, 150 m L of Highway	BOREHOLE No. 17760B01
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812685.00 E594280.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 81-QC-01	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT (PT) – dark brown, woody Nbn at 0.0 to 0.4 m	
		2	SAND (SM) – trace silt, medium–grained, fairly uniform, trace fine gravel	
1.0		3	Nbe at 0.4 to 0.6 m	
		4	GRAVEL (GM) – trace silt, medium sand, angular pebbles to 40 mm	
		5	Nbn at 0.7 to 1.5 m	
2.0		6	SAND (SM) – medium grained, fairly uniform thin silt layers, interbedded, rusty brown grey	
		7	GRAVEL (GM) – some medium sand, some silt pebbles to 15 mm	
3.0		8	SAND (SM) – some silt, medium grained, fairly uniform, grey, oxidized rust brown	
4.0		9	SILT AND SAND (ML) – fine to medium grained, brown	
			SAND (SM) – medium grained, grey – silty, layers, rusty brown	
5.0		10	SILT (ML) – clayey, layered with sand, fairly uniform, organic streaks and spots, mottled, grey, rusty brown	
		11	SAND (SM) – some silt, medium grained, occasional organic inclusions, grey, mottled rusty brown	
6.0			SILT (ML) – clayey, greenish grey, oxidized, organic streaks	
			VOLCANIC ASH (VA) – woody inclusions, grey	
7.0			SILT (ML) – clayey, organic spots, grey, mottled rust brown	
			PEAT (PT) – dark brown, layered	
			SILT (ML) – clayey, occaisonal thin peat layers, blue–grey	
8.0			CLAY (CI) – organic spots, blue–grey, – peaty layers, dark brown at 4.7 m	
			PEAT (PT) – dark brown	
			SILT (ML) – clayey, greenish grey	
9.0			GRAVEL (GC) – fine grained, silty clay, angular to subangular pebbles to 15 mm grey (till–like)	
			END OF BOREHOLE AT 5.6 m	
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.6 m	COMPLETE 81/02/07
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0, 150 m L of Highway	BOREHOLE No. 17760B10
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812585.00 E594270.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 81-QC-10	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT (PT) – dark brown, twigs, roots	
			– dark brown, amorhphous	
			– silty	
		2	Nbe at 0.0 to 0.2 m	
1.0			Nbn at 0.2 to 0.3 m	
			Nbe at 0.3 to 0.4 m	
			Nbn at 0.4 to 0.5 m	
			SILT (ML) – some sand, some fine gravel	
2.0			FROZEN at 0.5 to 4.8 m	
		3	GRAVEL (GM) – fine, pebbles to 45 mm,	
			some medium sand, some silt	
3.0		4		
4.0		5		
5.0			END OF BOREHOLE AT 4.8 m	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 4.8 m		COMPLETE 81/02/08
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0, 150 m L of Highway	BOREHOLE No. 17760B11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812800.00 E594600.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-025-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SITL (OL) – some sand, trace of clay, organc, dark brown, moist to wet				0.0
1.0							2.0
							4.0
			SAND AND GRAVEL (GM) – some silt, trace of clay, angular to subrounded, well to poorly graded				6.0
2.0							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0			END OF BOREHOLE AT 10.0 m				38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.0 m	COMPLETE 81/07/07
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0, 150 m L of Highway	BOREHOLE No. 17760B12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812580.00 E594275.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER 81-QC-12	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT (PT) – dark brown, roots, twigs	
			FROZEN at 0.0 to 0.1 m	
		2	Vx 40% at 0.1 to 0.2 m	
			SAND (SM) – fine grained, some silt, brown, organic streaks	
1.0		3	Nbe at 0.2 to 0.4 m	
			GRAVEL (GM) – coarse, medium to coarse sand, some silt, cobbles to 100 mm	
2.0			FROZEN at 0.4 to 2.3 m	
			END OF BOREHOLE AT 2.3 m	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 2.3 m		COMPLETE 81/02/09
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0, 150 m L of Highway	BOREHOLE No. 17760B13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812600.00 E594290.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 81-QC-13	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0		1	PEAT (PT) – dark brown, roots, twiggs Vx at 0.0 to 0.3 m				0.0
			SAND (SM) – fine to meidum grained, brown, volcanic ash specks, organic spo Nbn at 0.3 to 0.4 m				
1.0			GRAVEL (GM) – fine to coarse, little fine sand, pebbles subangular to 20 mm brown				2.0
			END OF BOREHOLE AT 1.0 m				4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

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COMPLETION DEPTH 1.0 m	COMPLETE 81/02/08
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1777.0, 350 m R of Highway	BOREHOLE No. 17760B14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6813270.00 E594640.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-025-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT-trace to some sand, trace of gravel, organics, damp, black				0.0
1.0			GRAVEL-and sand, trace of silt, angular to subrounded, well to poorly graded, grey				2.0 / 4.0 / 6.0 / 8.0
5.0			GRAVEL-some clay and silt, trace of sand, moist to wet, medium brown				10.0 / 12.0 / 14.0 / 16.0
6.0			SAND-some gravel, trace of silt and clay, well graded, moist, medium brown				18.0 / 20.0 / 22.0 / 24.0
10.0			END OF BOREHOLE AT 10.0 m				26.0 / 28.0 / 30.0 / 32.0 / 34.0 / 36.0 / 38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.0 m	COMPLETE 81/07/08
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.6, 400 m L of Highway	BOREHOLE No. 17760B21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6811470.00 E594625.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-025-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL-and sand, some boulders, angular to subrounded, well graded, damp, dense, grey				0.0
1.0							2.0
2.0							4.0
							6.0
3.0			- increasing sand content				8.0
							10.0
4.0			SAND-trace of clay and gravel, little silt, moist, dark brown				12.0
5.0							14.0
							16.0
6.0			GRAVEL-and sand, some boulders, angular to subrounded, poorly graded, grey				18.0
7.0							20.0
							22.0
8.0			SILT-some gravel, trace of sand, damp to moist, medium brown				24.0
							26.0
9.0			END OF BOREHOLE AT 9.1 m				28.0
							30.0
10.0							32.0
							34.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 9.1 m		COMPLETE 81/07/07
	LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.6, 400 m L of Highway	BOREHOLE No. 17760B22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6811630.00 E594640.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-025-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID 20 40 60 80	■ PERCENT GRAVEL ■ 20 40 60 80 ● PERCENT SAND ● 20 40 60 80 ▲ PERCENT FINES ▲ 20 40 60 80	DEPTH (ft)
0.0			ORGANIC SILT–and sand, moist, black				0.0
1.0			GRAVEL–and sand, trace of silt, angular to subrounded, well graded, moist to damp, olive grey				2.0 / 4.0
2.0							6.0
3.0			– trace of boulders				8.0 / 10.0
4.0							12.0 / 14.0
5.0							16.0
6.0			GRAVEL–and silt, some sand, angular to subrounded, moderately well graded, damp to moist, light grey				18.0 / 20.0
7.0							22.0 / 24.0
8.0							26.0 / 28.0
9.0							30.0 / 32.0
10.0			END OF BOREHOLE AT 10.0 m				34.0
11.0							36.0 / 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.0 m	COMPLETE 81/07/07
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.6, 400 m L of Highway	BOREHOLE No. 17760B24
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812190.00 E594270.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-025-4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC SILT-some sand, trace of organics, moist, black				0.0
1.0			GRAVEL-and sand, trace to some silt, angular to subrounded, moderately well graded, moist, medium brown				2.0
2.0							4.0
3.0							6.0
4.0							8.0
5.0							10.0
6.0							12.0
7.0							14.0
8.0							16.0
9.0							18.0
10.0			END OF BOREHOLE AT 10.0 m				20.0
11.0							22.0
							24.0
							26.0
							28.0
							30.0
							32.0
							34.0
							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.0 m	COMPLETE 81/07/07
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.6, 400 m L of Highway	BOREHOLE No. 17760B26
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812445.00 E594245.00	Project No: 0201-4981
DIAND	ORIGINAL BOREHOLE NUMBER 2-025-6	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT—woody, fibrous, moist, black	PT			0.0
1.0		1	GRAVEL—and sand, trace of silt and clay, angular to subrounded, well to poorly graded, olive grey	GW-GP			4.0
2.0							6.0
3.0		2					10.0
4.0							12.0
5.0		3					16.0
6.0		4					20.0
7.0							22.0
8.0		5					26.0
9.0		6					30.0
10.0		7	END OF BOREHOLE AT 10.0 m				32.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.0 m	COMPLETE 81/07/06
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0, 150 m L of Highway	BOREHOLE No. 17760B41
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812030.00 E595330.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 4-025-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID 20 40 60 80	■ PERCENT GRAVEL ■ 20 40 60 80 ● PERCENT SAND ● 20 40 60 80 ▲ PERCENT FINES ▲ 20 40 60 80	DEPTH (ft)
0.0			PEAT (PT) – black, damp to moist				0.0
1.0			SILT (ML) – some sand, olive grey, trace of oxidation, moist				2.0
2.0			GRAVEL AND SAND (GP/GW) – trace of silt, grey, poorly graded, bimodal size fraction, angular to subrounded				4.0
3.0			– trace of boulders				6.0
4.0							8.0
5.0							10.0
6.0			– trace of clay				12.0
7.0							14.0
8.0							16.0
9.0							18.0
10.0			END OF BOREHOLE AT 10.0 m				20.0
11.0							22.0
							24.0
							26.0
							28.0
							30.0
							32.0
							34.0
							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.0 m	COMPLETE 81/07/06
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760B53
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812130.00 E594880.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER 85-93	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL AND SAND(GW/SW) – subrounded, dry to damp	
1.0				
2.0				
3.0			SAND(SW/SM) – gravelly, trace of silt, subrounded, damp, grey	
4.0			– some silt, subrounded to subangular	
5.0				
6.0			END OF BOREHOLE AT 5.90m.	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 5.9 m		COMPLETE 21/06/85
LOGGED BY DS JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760B54
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812085.00 E594930.00	Project No: 0201-4981
INAC	ORIGINAL BOREHOLE NUMBER 85-94	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SW/SM) – gravelly, some silt, subrounded to subangular, damp, grey				0.0
1.0							2.0
2.0							4.0
							6.0
							8.0
3.0			SAND(SW) – gravelly, trace of silt, subrounded, damp, grey				10.0
4.0							12.0
							14.0
			GRAVEL AND SAND(GW) – trace of silt, subangular, damp, grey				16.0
5.0			END OF BOREHOLE AT 4.40m.				18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.4 m		COMPLETE 21/06/85
LOGGED BY DS JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760B55
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812050.00 E594920.00	Project No: 1201-4981
INAC	ORIGINAL BOREHOLE NUMBER 85-95	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SW) – some gravel, trace of silt, subrounded to subangular, damp, brown				0.0
1.0							2.0
							4.0
2.0			– gravelly				6.0
			END OF BOREHOLE AT 2.30m. (refusal at boulders)				8.0
3.0							10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.3 m	COMPLETE 21/06/85
	LOGGED BY DS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760B56
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6811910.00 E594875.00	Project No: 1201-4981
INAC	ORIGINAL BOREHOLE NUMBER 85-96	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SW) – gravelly, trace of silt, subangular, damp, brown				0.0
1.0							2.0
							4.0
2.0			– very rocky				6.0
							8.0
3.0			SAND(SW/SM) – some gravel, trace of silt, subrounded, damp, brown – rocky				10.0
							12.0
4.0			– gravelly, subangular				14.0
			END OF BOREHOLE AT 4.40m.				16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 21/06/85
	LOGGED BY DS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760B57
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6811800.00 E594835.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 85-97	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SW/SM) – gravelly, trace of silt, subangular, damp, brown				0.0
1.0							2.0
							4.0
2.0							6.0
							8.0
			– grey–brown				
3.0			END OF BOREHOLE AT 3.00m. (refused at rocks)				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 21/06/85
	LOGGED BY DS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760B58
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6811800.00 E594810.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 85-98	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SW) – gravelly, trace of silt, subrounded, damp, grey–brown				0.0
1.0							2.0
							4.0
2.0							6.0
							8.0
			SAND(SW/SM) – gravelly, trace of silt, subangular, damp, brown				
3.0			END OF BOREHOLE AT 2.90M. (refusal at rocks)				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.9 m	COMPLETE 21/06/85
	LOGGED BY DS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760B59
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6811935.00 E594835.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 85-99	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SW) – some gravel, trace of silt, subrounded, damp, grey				0.0
1.0							2.0
							4.0
2.0							6.0
							8.0
			– gravelly, brown				
3.0							10.0
							12.0
4.0							
			SILT(ML) – sandy, trace of clay, wet, brown				14.0
			END OF BOREHOLE AT 4.40m.				
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							
							34.0
							36.0
11.0							
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 21/06/65
	LOGGED BY DS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760B60
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812250.00 E594950.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 85-100	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SW) – gravelly, trace of silt, subrounded, damp, grey–brown				0.0
1.0							2.0
							4.0
2.0							6.0
							8.0
			SILT AND SAND(SM/ML) – moist and brown				
3.0			END OF BOREHOLE AT 2.8m.				10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.8 m	COMPLETE 24/06/85
	LOGGED BY DS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.6, 400 m L of Highway	BOREHOLE No. 17760BC7
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6811850.00 E594930.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 79S-C7	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–brown	PT
		C1	SILT–little fine grained sand, saturated, brown	ML
		A2	SAND–trace of gravel to 20mm diameter, fine to coarse grained	SW
1.0			– some gravel, trace of silt	
			GRAVEL–little sand, to 50mm diameter	GP
		A3		
2.0		D4	GRAVEL–little sand and silt	
		A5		
3.0			– some silt	
		A6		
4.0		D7		
			– and sand, frequent cobbles, little silt	
5.0				
6.0			– occasional cobbles	GM
			– frequent cobbles	
7.0		W8		
8.0				
9.0				
10.0			END OF BOREHOLE AT 10.0 m	
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.0 m	COMPLETE 79/07/28
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0, 150 m L of Highway	BOREHOLE No. 17760BQ1
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812600.00 E594265.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 81-QC-11	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT (PT) – dark brown	
		1	Vx 30% at 0.0 to 0.3 m	
		2	SAND (SM) – fine to medium, trace of volcanic ash, organic inslusions, brown to rust brown	
-1.0			– medium-grained, organic inclusions at 0.5 m	
		3	Nbn at 0.3 to 2.6 m	
-2.0			GRAVEL (GM) – fine to coarse, some silt, little fine sand, brown, pebbles, subangular to 30 mm	
			– fine to medium-grained	
-3.0			FROZEN at 2.6 to 4.5 m	
		4		
		5		
-4.0		6		
			END OF BOREHOLE AT 4.5 m	
-5.0				
-6.0				
-7.0				
-8.0				
-9.0				
-10.0				
-11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.5 m	COMPLETE 81/02/08
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1777.0, 350 m R of Highway	BOREHOLE No. 17760T11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812800.00 E594600.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-025-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	ORGANIC SAND-and silt, roots and rootlets, partly moss covered, damp, dark brown	SM
		2	SILT-little sand, rootlets, light brown	ML
-1.0			ASH-granular, white	
		3	SILT-trace of fine grained sand, stratified peat layers about 1m thick, dark brownish grey	ML
-2.0		4	SAND-some gravel, little silt, subrounded to subangular, medium olive grey	SW
			END OF TESTPIT AT 1.9 m Refusal at 1.9 m due to more firmly bonded permafrost	
-3.0				
-4.0				
-5.0				
-6.0				
-7.0				
-8.0				
-9.0				
-10.0				
-11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.9 m	COMPLETE 81/06/15
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1777.0, 350 m R of Highway	BOREHOLE No. 17760T12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6813150.00 E594440.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-025-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–woody fine fibrous in a coarse fibrous frame word, brown/black	PT
		2	SILT–trace of sand and organics, mottled brown/black	ML
1.0		3	ASH–granular, white	
			END OF TESTPIT AT 1.4 m Refusal at 1.4 m due to more firmly bonded permafrost	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 1.4 m	COMPLETE 81/06/15
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1777.0, 350 m R of Highway	BOREHOLE No. 17760T13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6813270.00 E594640.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-025-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	ORGANIC SAND-roots and rootlets, damp, dark brown	SW-SP
			GRAVEL-some sand, trace of cobbles and silt, subrounded to angular, well graded, moist to 1.0 metres, medium dense, medium brown	
1.0		2		
		3		GW
2.0		4		
3.0		5	END OF TESTPIT AT 3.1 m Refusal at 3.1 m due to more firmly bonded permafrost	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.1 m	COMPLETE 81/06/16
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1777.0, 350 m R of Highway	BOREHOLE No. 17760T14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6813130.00 E594630.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-025-4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	ORGANIC SAND-roots and rootlets, damp, medium brown	SW-SP
			GRAVEL-and sand, trace of silt, little cobbles, rootlets to 0.7m, becoming coarser grained toward bottom, subrounded to subangular, well graded, damp to 1.7m, medium dense, light brown	GW
1.0		2		
		3		
2.0				
		4		
		5		
3.0			END OF TESTPIT AT 2.8 m Refusal at 2.8 m due to more firmly bonded permafrost	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.8 m	COMPLETE 81/06/16
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.6, 400 m L of Highway	BOREHOLE No. 17760T21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6811470.00 E594625.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-025-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	ORGANIC SAND–roots and rootles, damp, brown	SW
			GRAVEL–and sand, trace of silt, cobbles and boulders, rootlets to 0.7m, subrounded to subangular, well graded, medium dense, light greyish brown	
1.0		2		
2.0		3		GW
3.0		4		
4.0			END OF TESTPIT AT 3.7 m	

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.7 m	COMPLETE 81/06/15
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.6, 400 m L of Highway	BOREHOLE No. 17760T22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6811630.00 E594640.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-025-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	ORGANIC SAND–trace of silt, roots and rootlets, damp, medium brown	SW-SP
-1.0		2	GRAVEL–and sand, trace of boulders and silt, little cobbles, subrounded to subangular, well graded, moist to 2.0 m, medium dense, light brownish grey	
-2.0		3 4		GW
-3.0		5		
			END OF TESTPIT AT 3.4 m	
-4.0				
-5.0				
-6.0				
-7.0				
-8.0				
-9.0				
-10.0				
-11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

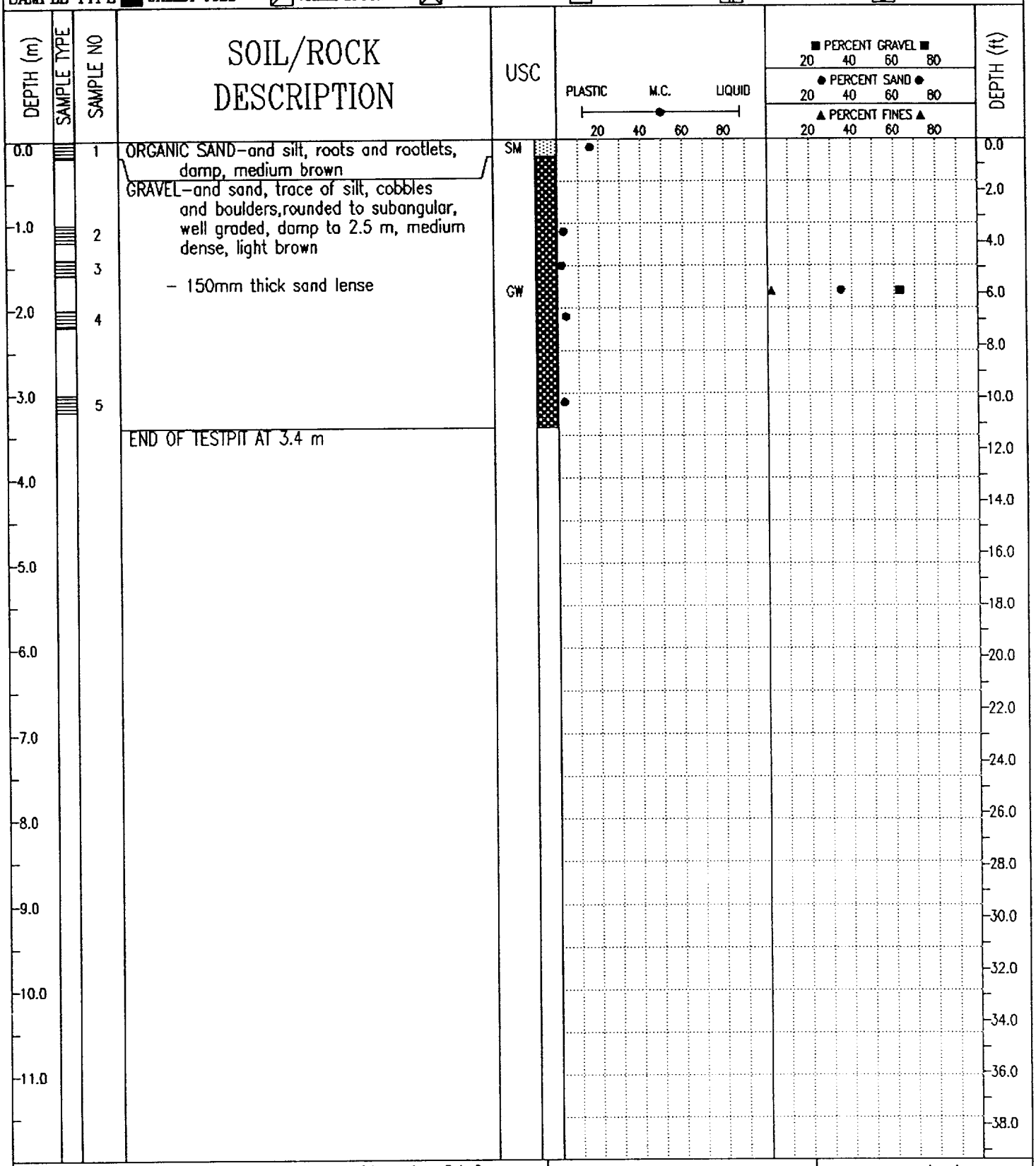
■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.4 m	COMPLETE 81/06/15
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.6, 400 m L of Highway	BOREHOLE No. 17760T23
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6811910.00 E594310.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-025-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.4 m	COMPLETE 81/06/14
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.6, 400 m L of Highway	BOREHOLE No. 17760T24
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812190.00 E594270.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-025-4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	ORGANIC SAND–roots and rootlets, damp, medium brown	SW-SP
		2	SAND–trace of silt, fine grained, uniform, damp, light brown	SP
-1.0		3		
		4	GRAVEL– some sand, trace of cobbles and silt, subrounded to subangular, well graded, less than 150mm diameter, medium dense, light brownish grey	GW
-2.0		5		
			END OF TESTPIT AT 2.0 m Refusal at 2.0 m due to more firmly bonded permafrost	
-3.0				
-4.0				
-5.0				
-6.0				
-7.0				
-8.0				
-9.0				
-10.0				
-11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 2.0 m	COMPLETE 81/06/15
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.6, 400 m L of Highway	BOREHOLE No. 17760T25
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812250.00 E594340.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-025-5	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	ORGANIC SAND–some silt, roots and rootlets, damp, medium brown	SM
			GRAVEL–and sand, trace of cobbles and silt, subrounded to subangular, well graded, medium dense, brown grey	GW
1.0		2		
		3		
2.0		4	END OF TESTPIT AT 2.1 m Refusal at 2.1 m due to more firmly bonded permafrost	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 2.1 m		COMPLETE 81/06/15
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.6, 400 m L of Highway	BOREHOLE No. 17760T26
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812445.00 E594245.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-025-6	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–amorphous granular, woody fibre inclusions, brown and black	PT
		2	SILT–some sand, mottled brown/black	ML
1.0		3	GRAVEL–and sand, trace of silt, less than 75mm diameter, subrounded to subangular, well graded, medium dense, brownish grey	GW
1.1			END OF TESTPIT AT 1.1 m Refusal at 1.1 m due to more firmly bonded permafrost	

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.1 m	COMPLETE 81/06/15
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.1, 350 m R of Highway	BOREHOLE No. 17760T41
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812030.00 E595330.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 4-025-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–amorphous granular, damp, dark brown/black	PT
			ASH–granular, dry to damp, white/tan	PT
		1	PEAT–amorphous granular, brown/black	
1.0			GRAVEL–and sand, trace of cobbles and silt, subrounded to angular, poorly graded, medium dense, grey/brown	GP
		2		
2.0		3	END OF TESTPIT AT 2.0 m Refusal at 2.0 m due to more firmly bonded permafrost	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 2.0 m	COMPLETE 81/06/13
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.1, 350 m R of Highway	BOREHOLE No. 17760T42
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812250.00 E595470.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 4-025-2	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–amorphous granular, brown/black	PT
			ASH–granular structure, white/tan	PT
			PEAT–amorphous granular, black/brown	
		2	SILT–iron stained, little sand, visible	
1.0		3	ice strata, grey/brown mottled	ML
2.0		4	GRAVEL–some sand, trace of cobbles and silt, well graded, medium dense, grey/brown	GW-GM
			END OF TESTPIT AT 2.0 m	
			Refusal at 2.0 m due to more firmly bonded permafrost	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 2.0 m	COMPLETE 81/06/14	
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0, 150 m L of Highway	BOREHOLE No. 17760T43
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812290.00 E595395.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER 4-025-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT (PT) – amorphous granular, brown/black, fibrous	
			Nbe at 0.0 to 0.8 m	
		2	ASH – white/tan, granular	GP
		3		GP
1.0		4	PEAT (PT) – amorphous granular, brown/black, fibrous	GP
			GRAVEL AND SAND (GP) – trace silt, trace cobbles, grey brown colour, subrounded to angular, all particles less than 150 mm, medium dense, poorly graded	
2.0			Vc 10% at 0.8 to 1.2 m	
			END OF TEST PIT AT 1.2 m	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 1.2 m		COMPLETE 81/06/14
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760T51
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812050.00 E594905.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 033-01	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			POORLY TO WELL-GRADED GRAVEL WITH SAND (GP TO GW)	
			-gray brown	
1.0		1	-moist	GP
			-maximum 250mm material	
			-estimate 5-10% +100mm	
			-easy digging	
2.0				
		2		GW
3.0			-maximum 300mm material below 3.0m	
			-estimate 5% +100mm	
			-free standing hole walls	
4.0				
		3		GP
5.0				
			END HOLE at 5.5m	
6.0			-on pipeline ROW	
			-approx. 1.0m relief	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.5 m	COMPLETE 88/10/30
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760T52
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812100.00 E594870.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 033-02	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			SILTY SAND –light brown –moist				2.0
1.0							4.0
2.0							6.0
							8.0
3.0			POORLY GRADED GRAVEL WITH SAND (GP) –gray brown –moist –some sand & silt contamination from above –maximum 300mm material –estimate 5% +100mm				10.0
							12.0
4.0	▤	4		GP			14.0
			END HOLE at 4.5m –on pipeline ROW				16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.5 m	COMPLETE 88/10/30
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760T53
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812070.00 E594890.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 033-03	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			GRAVEL WITH SAND -gray brown -moist	
1.0			SILTY SAND -brown -moist	
		5	-maximum 200mm material -estimate 5% +100mm	SM
2.0			SILTY SAND WITH GRAVEL (SM) -sand layers	
			SILTY SAND -light brown -moist	
3.0				
4.0			POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -light brown -moist	
		6	-maximum 200mm material -estimate 5% +100mm	GP-GM
5.0			END HOLE at 4.5m -hole caved in at 4.5m -hit sand at 4.5m	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 4.5 m	COMPLETE 88/10/30
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760T54
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812125.00 E594850.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 033-04	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			SILTY SAND -light brown -moist				2.0
1.0							4.0
2.0							6.0
							8.0
3.0	▤	7	WELL-GRADED GRAVEL WITH SILT AND SAND (GW-GM) -light brown -moist -maximum 250mm material -estimate 5% +100mm	GW-GM		▲ ● ■	10.0
							12.0
4.0			END HOLE at 3.4m -on pipeline ROW				14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.4 m	COMPLETE 88/10/30
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760T55
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812075.00 E594850.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 033-05	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			SILTY SAND -light brown -moist				
1.0							2.0
							4.0
2.0							6.0
							8.0
3.0			WELL-GRADED GRAVEL WITH SAND (GW) -gray brown -moist -maximum 200mm material -estimate 5% +100mm				10.0
	▤	8		GW		▲ ● ■	12.0
4.0			END HOLE at 3.8m -at Sta 1704 on pipeline				14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.8 m	COMPLETE 88/10/30
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760T56
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6812040.00 E594840.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 033-06	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY SAND -light brown -moist	
1.0				
			POORLY GRADED SAND WITH SILT AND GRAVEL (SP-SM) -gray brown -moist -maximum 150mm material -estimate 3-5% +100mm	SP-SM
2.0		9		
3.0			SILTY SAND -light brown -moist	
			WELL-GRADED GRAVEL WITH SAND (GW) -gray brown -moist -maximum 200mm material below 2.8m -estimate 5% +100mm	GW
4.0		10		
			END HOLE at 3.9m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 3.9 m		COMPLETE 88/10/30
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760T57
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6811985.00 E594815.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 033-07	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED SAND WITH GRAVEL (SW) -gray brown -moist	
1.0	▤	11		SW
			SILTY SAND -some organic material	
2.0				
			WELL-GRADED GRAVEL WITH SAND (GW) -gray brown -moist -maximum 200mm material -estimate 5% +100mm -hole caving in below 3.3m	
3.0				
	▤	12		GW
4.0			END HOLE at 4.0m -approx. 1.0m relief -dwarf spruce cover	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
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COMPLETION DEPTH 4.0 m	COMPLETE 88/10/30
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760T58
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6811935.00 E594775.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 033-08	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			ORGANIC CLAYEY SILTY SAND -light brown -moist				2.0
1.0			-frozen below 1.0m -high organic content below 1.0m				4.0
			END HOLE at 1.6m in frozen silt -refusal -approx. 1.0m relief -dwarf spruce cover				6.0
2.0							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.6 m	COMPLETE 88/10/30
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760T59
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6811745.00 E594770.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 033-09	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW) -light brown -moist -maximum 350mm material -estimate 5-10% +100mm	
1.0		13		GW
2.0				
3.0			POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -light brown -moist -maximum 350mm material -estimate 5-10% +100mm	
		14		GP-GM
4.0				
		15		GP-GM
			END HOLE at 4.5m -approx. 1.0m relief -thick spruce cover	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 4.5 m	COMPLETE 88/10/30
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760T60
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6811850.00 E594730.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 033-10	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM)				
			-gray brown				
1.0		16	-moist	GP-GM			4.0
			-frozen from 0.0m to 0.4m				
			-maximum 350mm material				
			-estimate 5-10% +100mm				
2.0			POORLY GRADED GRAVEL WITH SAND (GP)				6.0
			-gray brown				
			-moist				
			-estimate 5% +100mm				8.0
3.0		17		GP			10.0
			WELL-GRADED GRAVEL WITH SILT AND SAND (GW-GM)				12.0
4.0			-gray brown				
		18	-moist	GW-GM			14.0
			-hole caving in below 3.9m				
			-estimate 5% +100mm				
5.0			END HOLE at 4.6m				16.0
			-hole on trail				
			-approx. 1.0m relief				
6.0			-thick spruce and willow cover				20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

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COMPLETION DEPTH 4.6 m		COMPLETE 88/10/30
LOGGED BY CB JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.0; 200m L of highway	BOREHOLE No. 17760T61
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6811945.00 E594800.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 033-11	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			GRAVELLY SAND	
			-maximum 100mm material	
1.0			SILTY SAND	
			-light brown	
			-moist	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
			-moist	
2.0			-maximum 150mm material	
			-estimate 2% +100mm	
		19		GW
3.0			SANDY SILT	
			-light brown	
			-moist	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-gray brown	
4.0			-moist	
		20		GW
			-maximum 200mm material	
			-estimate 5% +100mm	
			-hole caving in below 4.1m	
5.0			END HOLE at 4.3m	

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.3 m	COMPLETE 88/10/30
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1776.4, 30 m L of Highway	BOREHOLE No. 17764T13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6805060.00 E601150.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-028-3	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	PERCENT GRAVEL / PERCENT SAND / PERCENT FINES (20 40 60 80)	DEPTH (ft)
0.0		1	ORGANIC SAND-and silt, roots and rootlets, damp, light brown				0.0
		2	ASH-granular similar to coarse sand, dry, white/tan				2.0
1.0		3	SAND AND SILT-rootlets, mottled with iron stains, damp, light brown	SM			4.0
		4	GRAVEL-and sand, trace of cobbles and silt, subrounded to subangular, well to poorly graded, damp to 2.1 m, medium dense, light brown				6.0
2.0		5					8.0
3.0			SAND-and gravel, trace of cobbles, little silt, well graded				10.0
			GRAVEL-and sand, trace of cobbles and silt, well to poorly graded				12.0
4.0			END OF TESTPIT AT 2.5 m Refusal at 2.5 m due to more firmly banded permafrost				14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.5 m	COMPLETE 81/06/13
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1788.6, 206 m R of Highway	BOREHOLE No. 17886B11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822025.00 E589210.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-023-1	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		PEAT–moss covered	PT
		ASH	
		ORGANIC SILT–low plastic, dark brown	OL
1.0			
		SILT–trace of gravel and sand, low plastic, brown	
2.0	1	– and gravel, trace of sand, (till), low plastic	ML
3.0			
		GRAVEL–and silt, trace of sand, coarse graded, low plastic	
4.0	2		
			GM
5.0	3		
		SILT–trace of sand, little gravel, non–plastic, brown	
6.0			
	4	– and sand, some gravel, fine grained, brown	
7.0			ML
8.0			
		GRAVEL–trace of sand, coarse graded	GP-GW
9.0		END OF BOREHOLE AT 9.3 m	
		NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	
10.0			
11.0			

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 9.3 m | COMPLETE 81/06/04

LOGGED BY JDM | DWG NO. | Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1788.6, 203 m R of Highway	BOREHOLE No. 17886B12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6821970.00 E589240.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-023-II	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT-moss covered	PT
			ASH	ML
			SILT-trace of gravel and sand, low plastic	
1.0			ICE-with soil inclusions	
			SILT-with ice, trace of gravel, low plastic	
2.0				
			- and gravel, low plastic	
		1		ML
3.0				
			- some gravel	
		2		
4.0				
			CLAY- some gravel, trace of sand, (till), low plastic, grey	
5.0				
		3		GC
6.0				
		4	SILT-and sand, very fine grained, uniform, non-plastic, brown	SP-SM
7.0				
			- some gravel, low plastic	
8.0				ML
9.0				
			GRAVEL-and silt, low plastic, grey	
		5		GM
10.0				
			END OF BOREHOLE AT 10.2 m	
			NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 10.2 m	COMPLETE 81/06/05
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1788.6, 200 m R of Highway	BOREHOLE No. 17886B13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6821675.00 E589180.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-023-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SILT–trace of sand, clay and organics, moist, black	
1.0		1		
2.0			– some sand	ML
3.0		2	– trace of gravel	
4.0			CLAY–some silt, trace of gravel, moist, medium brown	CL
		3		
5.0			GRAVEL–and sand, trace of silt, clay and organics, subrounded to angular, moderately graded, light brown	
6.0		4		
7.0			– trace of boulders	GP-GW
8.0				
9.0			END OF BOREHOLE AT 9.1 m	
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 9.1 m	COMPLETE 01/07/08
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1790.1, 20 m R of Highway	BOREHOLE No. 17886B15
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6821820.00 E589230.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 79A-15	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL AND SAND–coarse to fine grained	
		1	SILT AND CLAY–some well graded sand, some coarse to fine gravel, pockets of sand and silt, low plastic, brownish grey with rusty streaks	
2.0		2		
			GRAVEL–some well graded sand, occasional cobbles, little low plastic silt and clay, fine to coarse grained, well graded, grey	
4.0				
5.0		3		
6.0				
7.0		4		
			END OF BOREHOLE AT 7.2 m NOTE: Water encountered between 3.0 and 4.0 metres during drilling.	
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 7.2 m	COMPLETE 79/04/09
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1788.6, 20 m R of Highway	BOREHOLE No. 17886T12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6821890.00 E589240.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-023-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–rootlets, granular woody, fine fibrous, amorphous, brown	PT
1.0		1	SAND–and silt, trace of clay, fine grained, poorly graded, brownish grey	SM
			ASH–white	
2.0			SAND–and silt, trace of clay, fine grained, poorly graded, brownish grey	SM
3.0				
		2	GRAVEL–and sand, trace of cobbles and clay, rounded to subangular, moderately well graded, grey brown	GM
4.0			END OF TESTPIT AT 4.2 m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 4.2 m		COMPLETE 81/06/11
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1788.6, 200 m L of Highway	BOREHOLE No. 17886T13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6821675.00 E589180.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-023-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT—woody, fine fibrous, amorphous granular, brown	PT
		1	SILT—and sand, trace of clay, rootlets, olive brown	ML
1.0				
			ASH—and peat, white and brown	
2.0			SILT—and sand, trace of clay, olive brown	ML
		2		
		3	SAND—and gravel, trace of clay, little silt, rounded to subangular, moderately well graded, olive brown	SM
3.0			END OF TESTPIT	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 3.4 m | COMPLETE 81/06/17

LOGGED BY JDM | DWG NO. | Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1788.6, 200 m L of Highway	BOREHOLE No. 17886T14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6821560.00 E589070.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-023-4	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–woody, rootlets, fine fibrous, amorphous granular	PT
		1	SILT–and sand, trace of clay, rootlets, tree stumps, pieces of trees visible within strata, greyish brown	ML
1.0		2		
			ASH–white	
			SILT–and sand, trace of clay, rootlets,	ML
2.0		3	GRAVEL–and sand, trace of clay, little silt, subrounded to subangular, moderately well graded, moist, greyish brown	GM
3.0		4	– some silt	
			END OF TESTPIT AT 3.4 m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

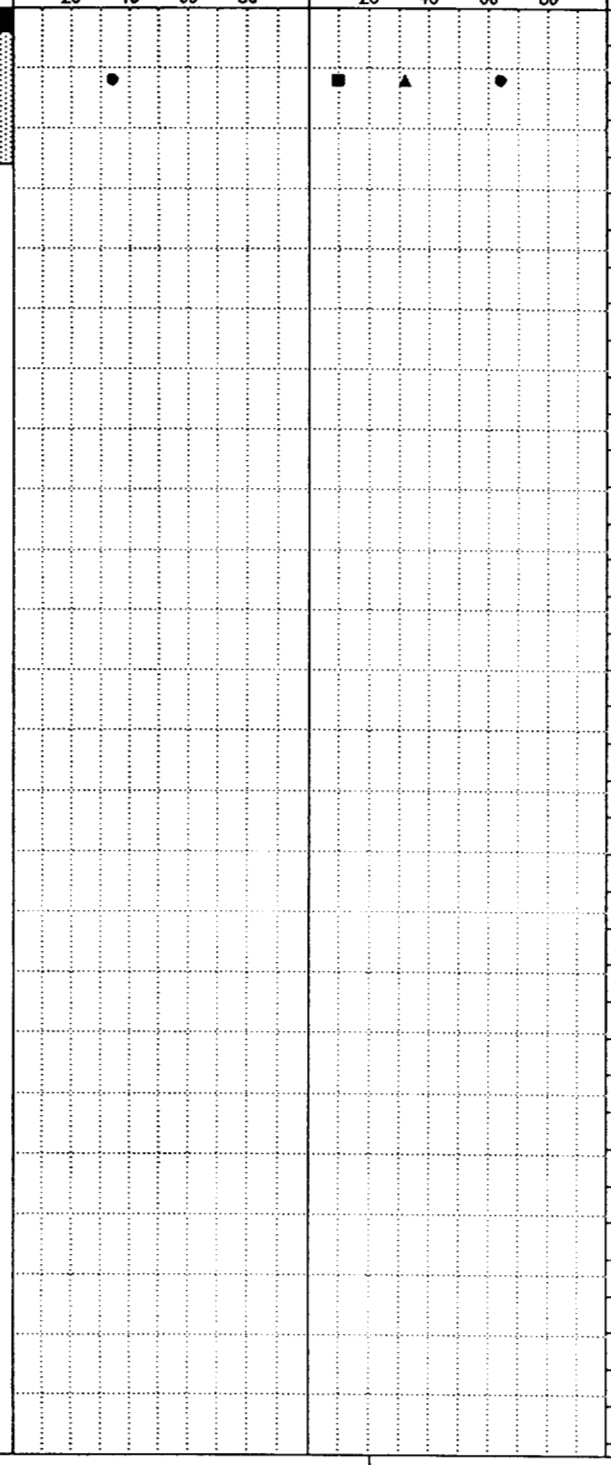
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COMPLETION DEPTH 3.4 m	COMPLETE 81/06/17
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1788.6, 200 m L of Highway	BOREHOLE No. 17886T15
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6821550.00 E588950.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-023-5	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT—woody, fine fibrous, amorphous granular, moist, brown	PT
		1	SAND—some silt, trace of clay and gravel, rootlets, fine grained, poorly graded, greyish brown	SM
1.0			END OF TESTPIT AT 1.3 m Refusal at 1.3 m due to more firmly bonded permafrost	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				



DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 1.3 m		COMPLETE 81/06/17
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B01
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822795.00 E588750.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 01	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND – silty, gravelly , non plastic, dry hard drilling				0.0
1.0							2.0
2.0		1		SW-SP			4.0
3.0							6.0
4.0							8.0
			END OF HOLE AT 4.6 m.				10.0
5.0							12.0
6.0							14.0
7.0							16.0
8.0							18.0
9.0							20.0
10.0							22.0
11.0							24.0
							26.0
							28.0
							30.0
							32.0
							34.0
							36.0
							38.0

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COMPLETION DEPTH 4.6 m		COMPLETE 71/10/20
LOGGED BY VS JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B02
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822820.00 E588755.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 02	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SW) – gravelly, some silt, odd cobble cobbles, dry, hard drilling				0.0
1.0	▤	1		GW	▮	▲■ ●	2.0
							4.0
2.0			END OF HOLE AT 1.8 m. (auger refusal – cobbles)				6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.8 m	COMPLETE 71/10/20
	LOGGED BY VS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B03
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822850.00 E588755.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 03	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			Sand(SW) – silty, gravelly, non plastic dry, hard drilling				0.0
1.0	▤	1		SW			4.0
2.0							6.0
							8.0
3.0			END OF HOLE AT 2.7 m. (auger refusal)				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.7 m	COMPLETE 71/10/20	
	LOGGED BY VS JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B04
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822880.00 E588760.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 04	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SW) – gravelly, silty, non plastic dry, hard drilling				0.0
1.0							2.0
	▤	1		SW	H	■ ●	4.0
2.0			– low plasticity				6.0
							8.0
3.0			– odd cobbles				10.0
			END OF HOLE AT 3.2 m. (auger refusal)				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
11.0							36.0
							38.0

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COMPLETION DEPTH 3.2 m		COMPLETE 71/10/20
LOGGED BY VS JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B05
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822850.00 E588790.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 05	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SM) – silty				0.0
1.0			SAND(SW) – gravelly, silty, non plastic				4.0
2.0							6.0
3.0			END OF HOLE AT 3.0 m.				10.0
4.0							14.0
5.0							16.0
6.0							20.0
7.0							24.0
8.0							26.0
9.0							30.0
10.0							32.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.9 m	COMPLETE 71/10/20
	LOGGED BY VS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B06
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822880.00 E588795.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 06	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND – silty, organics old stripping pile				0.0
1.0							2.0
							4.0
			SAND(SW) – gravelly, silty, non plastic				6.0
2.0							8.0
3.0							10.0
							12.0
4.0							14.0
			END OF HOLE AT 4.6 m.				16.0
5.0							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 71/10/20
	LOGGED BY VS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B07
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822910.00 E588725.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 07	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SW) – silty, gravelly, non to low plastic				0.0
1.0							2.0
							4.0
		1		SW	H	■ ▲ ●	6.0
2.0							8.0
3.0							10.0
			END OF HOLE AT 3.4 m.				12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.4 m	COMPLETE 71/10/20	
	LOGGED BY VS JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B08
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822880.00 E588730.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 08	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL(GM) – sandy, some silt, non plastic				0.0
1.0							2.0
2.0	▤	1	– low plastic	GM	H	▲ ● ■	4.0
3.0							6.0
4.0							8.0
5.0			END OF HOLE AT 4.6 m.				10.0
6.0							12.0
7.0							14.0
8.0							16.0
9.0							18.0
10.0							20.0
11.0							22.0
							24.0
							26.0
							28.0
							30.0
							32.0
							34.0
							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 71/10/20
	LOGGED BY VS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B09
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822850.00 E588730.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 09	ELEVATION 0.00 (m)

SAMPLE TYPE: ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SW) – gravelly, silty, non plastic				0.0
1.0							2.0
			– non to low plastic				4.0
2.0							6.0
	▤	1		SW	● H	▲ ■	8.0
3.0							10.0
							12.0
4.0			– silty, some gravel				14.0
			END OF HOLE AT 4.6 m.				16.0
5.0							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

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COMPLETION DEPTH 4.6 m		COMPLETE 71/10/21
LOGGED BY VS JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B10
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822820.00 E588735.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 10	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND AND SILT – some gravel, low plastic dry, hard drilling				0.0
1.0							2.0
							4.0
		1		SM	H	■ ▲ ●	6.0
2.0							8.0
3.0							10.0
			END OF HOLE AT 3.4 m. (auger refusal)				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.4 m	COMPLETE 71/10/21
	LOGGED BY VS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822875.00 E588735.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 11	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL AND SAND – some silt, non plastic, dry, hard drilling	
1.0				
2.0		1		GM
3.0				
4.0				
			END OF HOLE AT 4.6 m.	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.6 m	COMPLETE 71/10/21
LOGGED BY VS JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822755.00 E588730.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 12	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND – silty, some gravel, non to low plastic				0.0
1.0							2.0
2.0	▤	1		SM	● H	■ ▲ ●	4.0
3.0							6.0
4.0							8.0
			END OF HOLE AT 4.6 m.				10.0
5.0							12.0
6.0							14.0
7.0							16.0
8.0							18.0
9.0							20.0
10.0							22.0
11.0							24.0
							26.0
							28.0
							30.0
							32.0
							34.0
							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 71/10/21
	LOGGED BY VS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822755.00 E588670.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 13	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT				0.0
1.0			SILT AND SAND(ML) – trace gravel, low plastic, moist, easy drilling				2.0
		1		ML	H	■ ● ▲	4.0
2.0							6.0
							8.0
3.0			SAND(SM) – silty, gravelly, cobbles				10.0
							12.0
4.0							14.0
			END OF HOLE AT 4.6 m.				16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 71/10/21
	LOGGED BY VS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822820.00 E588665.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 14	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT	
1.0			SILT(ML) – sandy, some gravel, low plastic	
2.0	▤	1		ML
3.0			SAND AND SILT(SM) – gravelly, non to low plastic	
4.0	▤	2		SM
5.0			END OF HOLE AT 4.6 m. (auger refusal on cobbles)	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 4.6 m		COMPLETE 71/10/21
LOGGED BY VS JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B15
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822820.00 E588640.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 15	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT				0.0
			SILT(ML) – sandy, some gravel, low plastic				2.0
1.0							4.0
			SILT(ML) – clayey, some sand, trace gravel plastic				6.0
2.0			SAND AND SILT(SM) – some gravel				8.0
3.0			END OF HOLE AT 3.0 m.				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 71/10/21
	LOGGED BY VS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B16
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822880.00 E588670.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 16	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL(GM) – sandy, silty, non to low plastic, dry, hard drilling				0.0
1.0							2.0
2.0	▤	1		GM	H	▲ ● ■	4.0
							6.0
3.0			– cobbles				8.0
							10.0
4.0							12.0
							14.0
			END OF HOLE AT 4.6 m.				
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 71/10/21
	LOGGED BY VS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B17
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822910.00 E588695.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 17	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SM) – silty, gravelly, non to low plastic				0.0
1.0							2.0
							4.0
2.0	▤	1		SM	H	■	6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
			END OF HOLE AT 4.6 m.				16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 71/10/21	
	LOGGED BY VS JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1788.9, 150 m L of Highway	BOREHOLE No. 17899B18
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822940.00 E588700.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 18	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT				0.0
			SILT(ML) – sandy, some gravel, non to low plastic				
1.0							2.0
							4.0
2.0			SAND(SM) – silty, gravelly, some cobbles				6.0
							8.0
3.0			SAND AND SILT(SM/SC) – gravelly, some clay, low plastic moist				10.0
		1		SM-SC	H	■ ▲ ●	12.0
4.0							14.0
			END OF HOLE AT 4.6 m.				16.0
5.0							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 71/10/21
	LOGGED BY VS JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B19
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822940.00 E588670.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 19	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT AND VOLCANIC ASH	
1.0			ORGANIC SILT – sandy, peat	
2.0			SILT – sandy, trace gravel	
			END OF HOLE AT 1.8 m.	

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.8 m	COMPLETE 71/10/21
	LOGGED BY VS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B20
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822880.00 E588700.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 20	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL(GM) – sandy, some silt, cobbles, hard drilling				0.0
			END OF HOLE AT 0.6 m. (auger refusal on cobbles)				
1.0							2.0
							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

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Whitehorse, Yukon

COMPLETION DEPTH 0.6 m		COMPLETE 71/10/21
LOGGED BY VS JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822880.00 E588745.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 21	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL(GM) – sandy, some silt, cobbles				0.0
			CLAY – silty, trace sand, high plastic				2.0
1.0			GRAVEL(GW) – sandy, some silt, cobbles				4.0
2.0							6.0
							8.0
			END OF HOLE AT 2.7 m.				10.0
3.0							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.7 m	COMPLETE 71/10/21
	LOGGED BY VS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822755.00 E588790.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 22	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID 20 40 60 80	■ PERCENT GRAVEL ■ 20 40 60 80 ● PERCENT SAND ● 20 40 60 80 ▲ PERCENT FINES ▲ 20 40 60 80	DEPTH (ft)
0.0			GRAVEL (GM) – sandy, some silt, cobbles non plastic				0.0
			END OF HOLE AT 0.6 m. (auger refusal on cobbles)				
1.0							2.0
							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 0.6 m	COMPLETE 71/10/21
	LOGGED BY VS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B23
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822785.00 E588790.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 23	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL(GM) – sandy, some silt, cobbles, non plastic				0.0
1.0			END OF HOLE AT 0.9 m. (auger refusal on cobbles)				2.0
2.0							4.0
							6.0
3.0							8.0
							10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 0.9 m	COMPLETE 71/10/21
	LOGGED BY VS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B24
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822815.00 E588790.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 24	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			Gravel(GW) – sandy, some silt ,cobbles, non plastic				0.0
			END OF HOLE AT 0.6 m. (auger refusal on cobbles)				
1.0							2.0
							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 0.6 m	COMPLETE 71/10/21
	LOGGED BY VS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1797.0; 150m L of highway	BOREHOLE No. 17980T31
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828440.00 E586410.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 034-01	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILTY SAND -light brown -moist -fine to coarse grading -odd 150mm cobble				0.0
1.0			SANDY SILT -light brown -moist -easy digging 1.3 to 1.8m				2.0
2.0			ASH, SAND AND ORGANICS				4.0
			SANDY SILT -light brown -moist				6.0
3.0							8.0
			FINE GRAVELLY SAND -moist				10.0
4.0							12.0
			END HOLE at 4.2m -poplar cover -rolling terrain, aprox. 3.0m relief -hole on pipeline ROW				14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.2 m	COMPLETE 88/10/30
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1797.0; 150m L of highway	BOREHOLE No. 17980T32
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828345.00 E586495.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 034-02	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIALS	
			POORLY GRADED SAND WITH GRAVEL (SP) -light brown -moist -maximum 300mm material -estimate 2-5% +100mm	
1.0				
	▤	1		SP
2.0				
3.0			SAND-SILT MIXTURE -rusty brown -moist	
4.0			POORLY GRADED GRAVEL WITH SAND (GP) -light brown -moist -maximum 200mm material -estimate 2-5% +100mm	
	▤	2		GP
5.0			END HOLE at 4.6m -undulating terrain	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.6 m	COMPLETE 88/10/30
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1797.0; 150m L of highway	BOREHOLE No. 17980T33
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828265.00 E586575.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 034-03	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIALS	
			GRAVELLY SAND -grey -moist	
1.0	▤	3	WELL TO POORLY GRADED GRAVEL WITH SAND (GW TO GP) -grey brown -moist -maximum 250mm material below 0.4m -estimate 5% +100mm -maximum 400mm material below 2.0m -estimate 5% +100mm -hole caving in below 2.8m	GW
2.0				
3.0	▤	4		GP
			SANDY SILT LAYER	
			POORLY GRADED GRAVEL WITH SAND (GP) -grey brown -moist	
4.0	▤	5		GP
			END HOLE at 4.7m -possible bedrock at 4.7m, unable to dig deeper -aprox. 4.0m relief, rolling	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.7 m	COMPLETE 88/10/30
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1797.0; 150m L of highway	BOREHOLE No. 17980T34
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828200.00 E586645.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 034-04	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIALS				0.0
			COARSE SAND WITH TRACE OF GRAVEL -light brown -moist -odd 200mm cobble				2.0
1.0							4.0
2.0			GRAVEL WITH SAND				6.0
			GRANODIORITE SHELF -hoe chipping out fractured pieces of granodiorite				8.0
3.0			END HOLE at 2.6m -unable to dig deeper -possible bedrock -aprox. 5.0m relief				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.6 m	COMPLETE 88/10/30
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1797.0; 150m L of highway	BOREHOLE No. 17980T35
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828270.00 E586745.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 034-05	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIALS	
			POORLY GRADED GRAVEL WITH SAND (GP)	
			-grey brown	
			-moist	
1.0	▤	6	-maximum 200mm material	GP
			-estimate 5% +100mm	
			-easy digging	
			-loose deposit	
2.0				
			-finer gravel below 2.5m	
3.0	▤	7		GP
			-maximum 400mm material below 3.4m	
			-hole caving in, approx. 8.0m accross	
4.0				
	▤	8		GP
5.0			END HOLE at 4.8m	
			-large angular rocks at 4.8m	
			-rolling terrain	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.8 m	COMPLETE 88/10/31
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1797.0; 150m L of highway	BOREHOLE No. 17980T36
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828210.00 E586860.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 034-06	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			POORLY GRADED GRAVEL WITH SAND (GP)	
			-grey brown	
			-moist	
1.0	▤	9	-maximum 300mm material	GP
			-estimate 5% +100mm	
2.0				
3.0	▤	10		GP
4.0			-hole caving in, aprox. 10.0m accross	
	▤	11	-maximum 400mm material below 4.4m	GP
			-angular	
5.0			-estimate 5% +100mm	
			END HOLE at 5.0m	
			-photo #14	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 5.0 m	COMPLETE 88/10/31
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1797.0; 150m L of highway	BOREHOLE No. 17980T37
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828350.00 E586625.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 034-07	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY SAND	
			GRAVEL WITH SAND	
			-light brown	
-1.0			-moist	
	▤	12	-maximum 200mm material	SP
			-estimate 2% +100mm	
			POORLY GRADED SAND WITH GRAVEL (SP)	
-2.0			-light brown	
			-moist	
			-maximum 150mm material	
			-estimate 2% +100mm	
-3.0			-maximum 200mm material below 3.0m	
			-estimate 1-2% +100mm	
	▤	13		SP
-4.0			END HOLE at 3.8m	
			-rolling terrain	
-5.0				
-6.0				
-7.0				
-8.0				
-9.0				
-10.0				
-11.0				

PLASTIC — M.C. — LIQUID
20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.8 m	COMPLETE 88/10/31
	LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1797.0; 150m L of highway	BOREHOLE No. 17980T38
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828260.00 E586515.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 034-08	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			SAND WITH TRACE OF GRAVEL -light brown -moist				
1.0							2.0
							4.0
			WEATHERED ROCK -angular granodiorite				6.0
2.0			SILTY SAND -light brown -moist -angular rock with the silty sand				8.0
3.0			END HOLE at 2.8m -frozen at 2.8m, no visible ice -rolling terrain				10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.8 m	COMPLETE 88/10/31
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1797.0; 150m L of highway	BOREHOLE No. 17980T39
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828285.00 E586530.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 034-09	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧸ 75mm SPOON ☒ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			POORLY TO WELL GRADED GRAVEL WITH SAND (GP TO GW)	
			-grey brown	
1.0			-moist	
			-maximum 250mm material	
			-estimate 5% +100mm	
2.0	▤	14		GP
			-maximum 300mm material below 3.0m	
3.0			-hole caving in below 3.0m	
	▤	15		GP
4.0			-maximum 350mm material below 4.0m	
	▤	16	-estimate 5-10% +100mm below 4.0m	GW
			END HOLE at 4.6m	
5.0			-on hole KR 88-4 site	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ — 20 40 60 80

● PERCENT SAND ● — 20 40 60 80

▲ PERCENT FINES ▲ — 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 88/10/31
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1797.0; 150m L of highway	BOREHOLE No. 17980T40
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828290.00 E586445.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 034-10	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			POORLY GRADED GRAVEL WITH SAND (GP)	
			-grey brown	
			-moist	
1.0		17	-maximum 200mm material	GP
			-estimate 5% +100mm	
2.0			-maximum 400mm material below 2.4m	
			-angular granodiorite	
			-estimate 5-10% +100mm	
3.0		18	POORLY GRADED GRAVEL WITH SILT & SAND (GP-GM)	GP-GM
			-light brown	
			-moist	
4.0			-hole caving in below 3.0m	
			SILT WITH SOME ROCK	
			-hard digging	
			END HOLE at 3.8m	
5.0			-rolling terrain	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.8 m	COMPLETE 88/10/31
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1797.0; 150m L of highway	BOREHOLE No. 17980T41
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828225.00 E586400.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 034-11	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			SANDY SILT				
			POORLY GRADED GRAVEL WITH SAND (GP)				2.0
1.0			-grey brown				4.0
			-moist				
			-maximum 150mm material				
			-estimate 5% +100mm				
2.0	▤	19		GP		▲ ● ■	6.0
							8.0
3.0			-frozen at 3.0m, no visible ice				10.0
			END HOLE at 3.1m				12.0
4.0			-rolling terrain				14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
10.0							32.0
							34.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.1 m	COMPLETE 88/10/31
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1797.0; 150m L of highway	BOREHOLE No. 17980T42
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828390.00 E586520.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 034-12	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILTY SAND	
			POORLY GRADED GRAVEL WITH SAND (GP)	
1.0	▤	20	-grey brown -moist -gap graded -maximum 300mm material -estimate 5-10% +100mm	GP
2.0			-loose deposit below 2.0m	
			SAND	
3.0			-tan color	
			SANDY CLAYEY SILT	
			-moist -hole caving in	
4.0			END HOLE at 3.4m	
			-rolling 2.0m relief	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.4 m	COMPLETE 88/10/31
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1797.0; 150m L of highway	BOREHOLE No. 17980T43
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828350.00 E586370.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 034-13	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			POORLY GRADED GRAVEL WITH SAND (GP)	
			-grey brown	
			-moist	
1.0	▤	21	-angular	GP
			-maximum 350mm material	
			-estimate 5-10% +100mm	
2.0				
3.0	▤	22		GP
			-hole caving in below 3.4m	
4.0	▤	23		GP
			END HOLE at 4.5m	
			-photo #15	
5.0			-rolling terrain	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.5 m	COMPLETE 88/10/31
LOGGED BY CB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1797.0; 150m L of highway	BOREHOLE No. 17980T44
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828360.00 E587270.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 034-14	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			SILT AND SAND WITH GRAVEL				
			SAND				
			-tan color				
1.0			SILTY SAND				4.0
			-light brown				
			-frozen, no visible ice				
			END HOLE at 1.6m				
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.6 m	COMPLETE 88/10/31
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1797.0; 150m L of highway	BOREHOLE No. 17980T45
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828410.00 E587345.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TEST PIT NUMBER: 034-15	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			POORLY GRADED GRAVEL WITH SAND (GP)	
			-grey brown	
			-moist	
			-maximum 200mm material	
1.0		24	-estimate 5% +100mm	GP
2.0			WELL-GRADED GRAVEL WITH SAND (GW)	
			-grey brown	
			-moist	
		25	-maximum 200mm material	GW
			-estimate 5% +100mm	
3.0			-maximum 250mm material below 3.0m	
			-estimate 5% +100mm	
			-considerable red oxidization	
4.0		26	-sample 26 lost in transit	
			-hole caving in below 4.5m	
5.0			END HOLE at 4.7m	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.7 m	COMPLETE 88/10/31
	LOGGED BY CB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1798.0; 150m L of highway	BOREHOLE No. 17988B01
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828225.00 E586360.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-01	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SILTY ORGANIC MATERIAL	
			POORLY GRADED SAND WITH SILT AND GRAVEL (SP-SM)	
1.0		01		SP-SM
2.0			WELL-GRADED GRAVEL WITH SAND (GW) -wet below 2.3m -maximum 75mm material -coarse rough drilling	
3.0		02		GW
			END HOLE at 3.3m -refusal	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.3 m		COMPLETE 88/08/23
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1798.0; 150m L of highway	BOREHOLE No. 17988B02
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828225.00 E586400.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-02	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ (20 40 60 80) ● PERCENT SAND ● (20 40 60 80) ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILTY ORGANIC MATERIAL				0.0
			GRAVEL WITH SILT AND SAND (GP-GM) -maximum 50mm material -grindy drilling				
1.0		03		GP-GM	●	▲ ● ■	4.0
2.0			WELL-GRADED GRAVEL WITH SILT AND SAND (GW-GM) -wet below 2.3m -maximum 75mm material -very grindy drilling				6.0
		04		GW-GM	●	▲ ● ■	8.0
3.0			END HOLE at 3.0m -first refusal at 2.0m -second refusal at 3.0m -free water running off bit				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 88/08/23
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1798.0; 150m L of highway	BOREHOLE No. 17988B03
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828290.00 E586450.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-03	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SILTY ORGANICS	
			POORLY GRADED SAND WITH GRAVEL (SP)	
1.0	▤	05		SP
			-grindy drilling	
2.0			POORLY GRADED GRAVEL WITH SAND (GP)	
			-maximum 100mm material	
	▤	06	-very rough drilling	GP
3.0			-sand and silt layers from 3.0m	
4.0			END HOLE at 3.9m	
			-first refusal at 2.1m	
			-second refusal at 3.9m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.9 m	COMPLETE 88/08/23
LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1798.0; 150m L of highway	BOREHOLE No. 17988B04
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828285.00 E586530.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-04	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			WELL-GRADED SAND WITH GRAVEL (SW)				
			-maximum 75mm material				
1.0							2.0
		07		SW			4.0
			WELL-GRADED GRAVEL WITH SAND (GW)				
			-maximum 75mm material				
2.0			-very rough grindy drilling				6.0
		08		GW			8.0
3.0			-drilling action indicates soft layers				10.0
							12.0
4.0			END HOLE at 4.1m				
			-refusal				14.0
			-cobbles on surface				
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.1 m	COMPLETE 88/08/23
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1798.0; 150m L of highway	BOREHOLE No. 17988B05
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828230.00 E586495.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-05	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL -black	
1.0	▤	09	SANDY SILT (ML) -brown -saturated -frozen below 0.9m	ML
2.0				
3.0			END HOLE at 2.5m -first refusal at 2.1m -second refusal at 2.5m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 88/08/24
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1798.0; 150m L of highway	BOREHOLE No. 17988B06
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828195.00 E586450.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-06	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

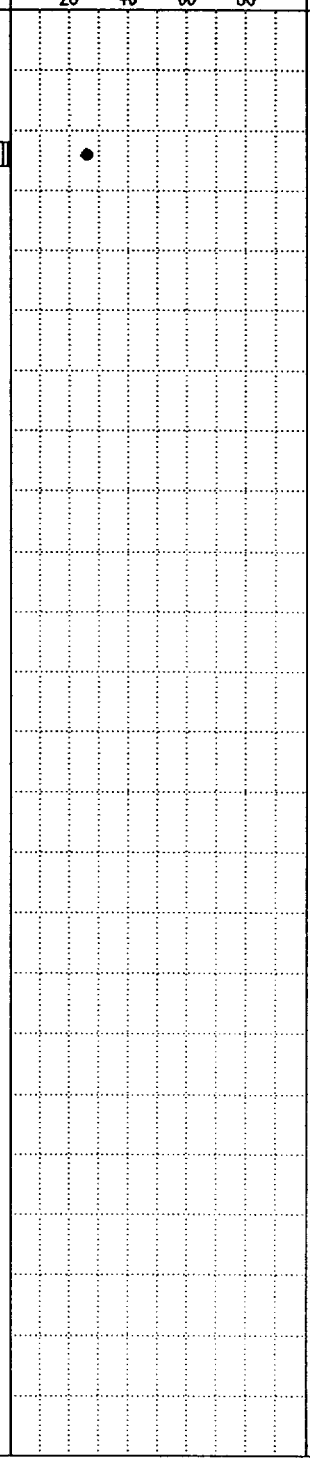
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			SILT WITH SAND (ML)				
			-dark brown				
			-frozen				
1.0	▤	10		ML			4.0
			END HOLE at 1.5m				
2.0			-thick spruce cover				6.0
3.0							10.0
4.0							12.0
5.0							16.0
6.0							20.0
7.0							22.0
8.0							26.0
9.0							30.0
10.0							32.0
11.0							36.0
							38.0

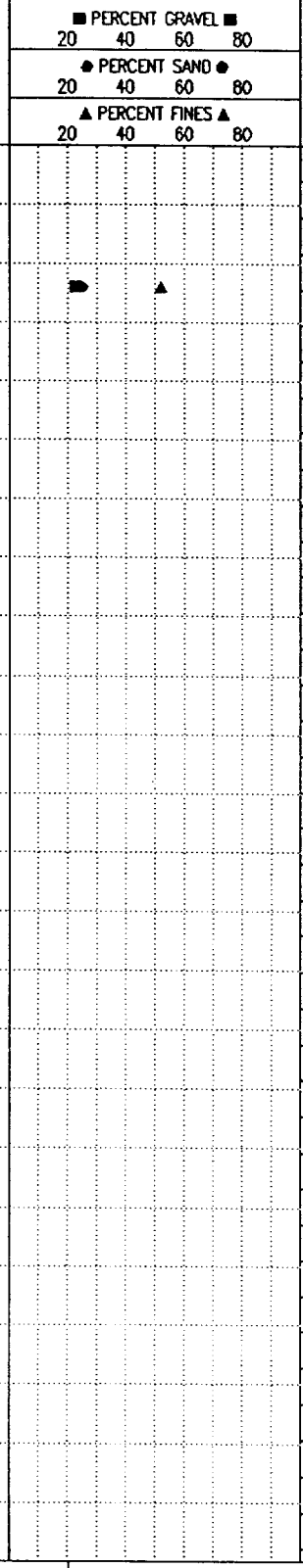
EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.5 m	COMPLETE 88/08/24
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1798.0; 150m L of highway	BOREHOLE No. 17988B07
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828170.00 E586395.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-07	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SANDY SILT WITH GRAVEL (ML) –frozen	
1.0	▤	11		ML
			END HOLE at 1.4m –unable to penetrate frozen material –spruce cover	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				





DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 1.4 m	COMPLETE 88/08/24
LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1798.0; 150m L of highway	BOREHOLE No. 17988B08
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828070.00 E586430.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-08	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			POORLY GRADED SAND WITH SILT AND GRAVEL (SP-SM)				
			-maximum 25mm material				
1.0			-grindy drilling				2.0
	▤	12		SP-SM	●	▲ ■ ●	4.0
2.0							6.0
	▤	13	-rougher drilling	SP-SM	●	▲ ■ ●	8.0
			END HOLE at 2.6m				
3.0			-refusal				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.6 m	COMPLETE 88/08/24
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1798.0; 150m L of highway	BOREHOLE No. 17988B09
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828100.00 E586460.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-09	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILT WITH SAND (ML)	
			-frozen	
1.0				
		14		ML
		15	SILTY SAND WITH GRAVEL (SM)	SM
			-frozen	
2.0			-grindy drilling	
			END HOLE at 1.7m	
			-refusal	
			-exposed bedrock 5m from this hole	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 1.7 m		COMPLETE 88/08/24
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1798.0; 150m L of highway	BOREHOLE No. 17988B10
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828160.00 E486535.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-10	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			-water level -no samples taken as material washed off by free water				0.0
1.0							2.0
			END HOLE -thick spruce cover				4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

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COMPLETION DEPTH 1.5 m	COMPLETE 88/08/24
LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1798.0; 150m L of highway	BOREHOLE No. 17988B11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828350.00 E586370.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-11	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -maximum 50mm material -rough grindy drilling				0.0
1.0		16		GP-GM			4.0
2.0			WELL-GRADED GRAVEL WITH SAND (GW) -maximum 50mm material -rough grindy drilling				6.0
		17		GW			8.0
3.0							10.0
			POORLY GRADED SAND WITH GRAVEL (SP) -wet -maximum 75mm material -rough grindy drilling				12.0
4.0		18		SP			14.0
			END HOLE at 4.4m				
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/08/24
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1798.0; 150m L of highway	BOREHOLE No. 17988B12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N – E –	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-12	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVELY SAND				0.0
			ORGANIC SILT –saturated				2.0
1.0							4.0
			GRAVELY SILT –rough grindy drilling				6.0
2.0			END HOLE at 1.9m –refusal				8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.9 m	COMPLETE 88/08/24
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1798.0; 150m L of highway	BOREHOLE No. 17988B13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N – E –	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-13	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			–grindy drilling				0.0
			–free water				
1.0			–no sample, washed off				2.0
							4.0
2.0			END HOLE at 1.9m				6.0
			–refusal				8.0
3.0							10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.9 m	COMPLETE 88/08/24
	LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1798.0; 150m L of highway	BOREHOLE No. 17988B14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N – E –	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-14	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVELY SAND				0.0
			ORGANIC SOIL				
			–black				
1.0			–water level				4.0
			END HOLE				
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

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COMPLETION DEPTH 1.4 m		COMPLETE 88/08/24
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1799.1, 900 m R of Highway	BOREHOLE No. 17988B21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828865.00 E585930.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2A-022-1	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	PERCENT GRAVEL / PERCENT SAND / PERCENT FINES (20 40 60 80)	DEPTH (ft)
0.0			SAND–some gravel, trace of silt, poorly graded, moist, medium brown				0.0
1.0							2.0
		1	– and gravel, trace of silt, poorly graded, subrounded to subangular, damp, loose, brown				4.0
2.0							6.0
							8.0
3.0		2					10.0
			CLAY–trace of silt and organic inclusions, little sand and gravel, moist, firm, dark brown and black				12.0
4.0			SAND–and gravel, trace of clay and silt, subrounded to subangular, moderately well graded, moist, dark brown				14.0
		3					16.0
5.0							
				▼			18.0
6.0		4	– wet				20.0
							22.0
7.0							
		5					24.0
8.0							26.0
							28.0
9.0		6					30.0
			SILT–and sand, fine grained, wet, olive brown				
10.0		7	END OF BOREHOLE AT 10.0 m				32.0
							34.0
11.0							36.0
							38.0

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COMPLETION DEPTH 10.0 m	COMPLETE 81/07/10
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1789.9, 150 m L of Highway	BOREHOLE No. 17899B23
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6822785.00 E588790.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 23	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL(GM) – sandy, some silt, cobbles, non plastic				0.0
1.0			END OF HOLE AT 0.9 m. (auger refusal on cobbles)				2.0
2.0							4.0
							6.0
3.0							8.0
							10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 0.9 m	COMPLETE 71/10/21
	LOGGED BY VS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1799.1, 900 m R of Highway	BOREHOLE No. 17988B26
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6830015.00 E585615.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2A-022-6	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND–trace of silt, poorly graded, damp, medium brown				0.0
1.0		1					2.0
2.0							4.0
3.0		2	SILT–trace of clay, sand, gravel and organic inclusions, moist, dark brown				6.0
4.0		3					8.0
5.0			GRAVEL–and sand, some clay, trace of silt, coarse grained sand, angular to subrounded, poorly graded, dark brown				10.0
6.0		4		▼			12.0
7.0		5					14.0
8.0							16.0
9.0		6	END OF BOREHOLE AT 9.1 m				18.0
10.0							20.0
11.0							22.0
							24.0
							26.0
							28.0
							30.0
							32.0
							34.0
							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 9.1 m	COMPLETE 81/07/10
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1799.1, 900 m R of Highway	BOREHOLE No. 17988B27
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6830260.00 E585240.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2A-022-7	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SAND–trace of silt, fine grained, poorly graded, moist, dark brown	SP
1.0				
		1		
			SILT–some clay, trace of sand and gravel, moist, olive brown	ML
2.0				
3.0		2	GRAVEL–some sand, trace of silt, subrounded to subangular, moderately well gradedm damp, compact, medium brown	
4.0				
		3		
5.0				
			– trace of cobbles and boulders, wet	GP–GW
6.0		4		
7.0				
		5		
8.0				
9.0		6		
			END OF BOREHOLE AT 9.1 m	
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 9.1 m | COMPLETE 81/07/09

LOGGED BY JDM | DWG NO. | Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1799.1, 900 m R of Highway	BOREHOLE No. 17988T21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6828865.00 E585930.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2A-022-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT—woody, rootlets, fine fibrous, amorphous granular, brown	PT
1.0			SAND—and gravel, trace of cobbles and silt, rounded to subangular, poorly graded, moist, greyish brown	SP
2.0	▤	1		
3.0			END OF TESTPIT AT 3.2 m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 3.2 m		COMPLETE 81/06/17
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1799.1, 900 m R of Highway	BOREHOLE No. 17988T22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6829235.00 E585835.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2A-022-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–woody, fine fibrous, amorphous granular, dark brown	PT
			SAND–trace of silt, fine grained, compact, olive brown	SP-SW
1.0				
			ASH–granular, white	
			SAND–trace of silt, fine grained, compact, olive brown	SP-SW
2.0				
			SILT–little clay, moist, firm, low plastic, brown	ML
3.0				
		1	GRAVEL– and sand, trace of cobbles and silt, subrounded and subangular, well graded, compact, moist, greyish brown	GP-GM
4.0			END OF TESTPIT AT 3.8 m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 3.8 m		COMPLETE 81/06/18
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1799.1, 900 m R of Highway	BOREHOLE No. 17988T23
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6829675.00 E585710.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2A-022-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–woody, rootlets, amorphous granular, dark brown	PT
1.0			SAND–some silt, trace of volcanic ash, fine to medium grained, moist, brown	SM
2.0	▤	1		
	▤	2	SILT–trace of sand and orgnaics, little clay, laminated, low plastic, greyish brown	ML
3.0			SAND–little silt, fine to medium grained, greyish brown	SM
4.0			END OF TESTPIT AT 4.0 m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1799.1, 900 m R of Highway	BOREHOLE No. 17988T24
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6829675.00 E585520.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2A-022-4	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–woody, rootlets, fine fibrous, amorphous granular, dark brown	PT
			SILT– trace of clay, little sand, moist, brown	ML
1.0		1	ASH–granular, white	
			SILT–trace of clay and organics, little sand, moist, firm, brown	ML
2.0				
3.0		2	SAND–and gravel, trace of silt, subrounded to subangular, moderately well graded, moist, compact, greyish brown	SP-SM
4.0			END OF TESTPIT AT 4.0 m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.0 m	COMPLETE 81/06/18
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1799.1, 900 m R of Highway	BOREHOLE No. 17988T25
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6829915.00 E585590.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2A-022-5	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT—woody, amorphous granular, moist, dark brown	PT
			SAND—trace of silt and gravel, coarse grained sand, rootlets, moist, brownish grey	SP
1.0			ASH—trace of organics, granular, white	
			SAND—trace of silt, little gravel, subrounded to subangular, moderately well graded, compact, greyish brown	SW-SM
2.0		1		
3.0				
		2	CLAY—and silt, trace of organics, thinly laminated, low plastic, olive	ML-CL
4.0			END OF TESTPIT AT 3.7 m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 3.7 m		COMPLETE 81/06/18
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1799.1, 900 m R of Highway	BOREHOLE No. 17988T26
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6830015.00 E585615.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2A-022-6	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–woody, fine fibrous, amorphous granular, dark brown	PT
			SAND–trace of silt, rootlets, fine grained, subrounded to subangular, poorly graded, compact, brown	SP
1.0			ASH–granular, white	
			SAND–trace of silt, rootlets, fine grained, subrounded to subangular, poorly graded, compact, brown	SP
2.0			PEAT–woody, dark brown	PT
		2	SILT–trace of clay and sand, wet, soft to stiff, low plastic, greyish brown	ML
3.0				
4.0			END OF TESTPIT AT 4.3 m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.3 m	COMPLETE 81/06/18
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1799.1, 900 m R of Highway	BOREHOLE No. 17988T27
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6830260.00 E585240.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2A-022-7	ELEVATION 0.00 (m)

SAMPLE TYPE: ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–woody, granular, amorphous, moist, brown	PT
			SAND–trace of silt, fine grained, poorly graded, moist, compact, greyish brown	SP
1.0			ASH–granular, white	
			PEAT–granular, amorphous, brown	PT
		2	SILT–little sand, thinly laminated, wet, firm, greyish brown	ML
2.0				
3.0				
		3	GRAVEL–some sand, trace of cobbles and silt, rounded to subangular, well graded, compact, moist, greyish brown	GW
4.0			END OF TESTPIT AT 4.2 m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ — 20 40 60 80

● PERCENT SAND ● — 20 40 60 80

▲ PERCENT FINES ▲ — 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.2 m	COMPLETE 81/06/18
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1799.1, 900 m R of Highway	BOREHOLE No. 17988T28
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6830020.00 E585380.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2A-022-8	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–woody, fine fibrous, amorphous granular, dark brown	PT
			SAND–trace of silt, fine grained, poorly graded, brownish grey	SP
1.0			ASH–white	
			END OF TESTPIT AT 1.1 m Refusal at 1.1 m due to more firmly bonded permafrost	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 1.1 m		COMPLETE 81/06/18
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1812.0, 600 m R of Highway	BOREHOLE No. 18120B11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6833985.00 E574750.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-020-I	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–moss covered	PT
			ASH	
1.0			ORGANIC SILT–low plastic, dark brown	OL
2.0	▤	1	GRAVEL–some sand and silt, rounded to subangular, moderately well graded, brown	GM
3.0			– boulder/bedrock at 3.0 m	
			END OF BOREHOLE AT 3.0 m	
4.0			NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 3.0 m		COMPLETE 81/06/06
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1812.0, 600 m R of Highway	BOREHOLE No. 18120B12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6833625.00 E575225.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-020-II	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–moss covered	PT
			ASH	
1.0			ORGANIC SILT–low plastic, dark brown	OL
2.0		1	GRAVEL–and silt, trace of sand, coarse grained, moderately well graded, low plastic, grey	
3.0			– some silt and sand, coarse grained, rounded to subrounded, moderately well graded, low plastic	
4.0		2	– and silt, some sand (till), coarse graded to 60mm, subrounded to rounded, dense, low plastic	GW
5.0		3		
6.0		4		
7.0			SILT–and sand, very fine grained, non-plastic, brown	ML
8.0		5		
9.0			GRAVEL–and silt, some sand, trace of cobbles – boulder/bedrock?	GW
10.0			END OF BOREHOLE AT 9.3 m NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 9.3 m		COMPLETE 81/06/06
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1812.0, 600 m R of Highway	BOREHOLE No. 18120B13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6833820.00 E575225.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-020-III	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–moss covered	PT
			ASH	
1.0			ORGANIC SILT–low plastic, dark brown	OL
2.0		1	SILT–and gravel, trace of sand (till), rounded to subangular, grey	
3.0		2	– some very fine uniform sand, laminated, low to non–plastic, brown	
4.0				
5.0		3		
6.0				ML
7.0		4	– trace of gravel, (possible lense)	
8.0				
9.0		5		
10.0			END OF BOREHOLE AT 10.2 m	
11.0			NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 10.2 m		COMPLETE 81/06/05
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B01
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6834045.00 E569545.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⁄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT AND ORGANIC SILT(PT/OL)				0.0
1.0			– frozen				2.0
			SAND AND SILT(SM/ML) – some gravel, slightly, plastic, quite strrong				4.0
2.0							6.0
	▤	1	– refusal	SM-ML	H	■ ▲ ●	8.0
3.0							10.0
							12.0
4.0			END OF BOREHOLE AT 4.0m. (refusal on boulder)				14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.0 m	COMPLETE 16/11/71
	LOGGED BY VS RD	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B02
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6834080.00 E569480.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT AND VOLCANIC ASH – frozen				0.0
1.0			SAND AND SILT(SM/ML) – some gravel, slightly plastic				2.0
2.0			– refusal on boulder – refusal on boulder				4.0 6.0 8.0
3.0			END OF BOREHOLE AT 3.0m. (refusal on boulder)				10.0
4.0							12.0 14.0
5.0							16.0
6.0							18.0 20.0
7.0							22.0
8.0							24.0 26.0
9.0							28.0 30.0
10.0							32.0 34.0
11.0							36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 16/11/71
	LOGGED BY VS JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B03
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6834120.00 E569480.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT AND VOLCANIC ASH	
			– frozen	
1.0			SAND AND SILT(SM/ML) –some gravel, slilghtly plastic, quite strong	
2.0		1		SM-ML
			– refusal	
3.0				
			END OF BOREHOLE AT 3.6m. (refusal)	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 3.6 m	COMPLETE 16/11/71
LOGGED BY VS JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B04
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6834150.00 E569370.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT AND VOLCANIC ASH	
1.0			SAND(SP) – gravelly, some silt, cobbly non–plastic	
4.0			SAND(SM) – silty, moist to wet, slightly plastic	
4.6			END OF BOREHOLE AT 4.6m.	

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.6 m		COMPLETE 16/11/71
LOGGED BY VS JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B05
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6834180.00 E569370.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 5	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT AND VOLCANIC ASH	
1.0			SILT(ML) SAND AND SILT(SM/ML) – some gravel, cobbly, moist to wet	
2.0				
3.0				
		1		SM-ML
4.0				
5.0			END OF BOREHOLE AT 4.90m. (Refusal on Boulders)	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.9 m	COMPLETE 16/11/71
LOGGED BY VS JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B06
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6834140.00 E569290.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 6	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT AND VOLCANIC ASH				0.0
1.0							2.0
			SAND AND SILT(SM/ML) – some gravel, cobbly, wet, slightly plastic				4.0
2.0							6.0
3.0							8.0
							10.0
4.0							12.0
			END OF BOREHOLE AT 4.6m.				14.0
5.0							16.0
6.0							18.0
							20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

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COMPLETION DEPTH 4.6 m		COMPLETE 16/11/71
LOGGED BY VS JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B07
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6834110.00 E569350.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 7	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT AND VOLCANIC ASH	
1.0			SAND AND GRAVEL(SP/GP)	
2.0			SAND(SP/SM) – silty, gravelly, cobbly wet, slightly plastic,	
3.0	▤	1	– fairly dry	SP-SM
4.0				
5.0			END OF BOREHOLE AT 4.90m. (refusal on boulders)	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 4.9 m	COMPLETE 16/11/71
LOGGED BY VS RD	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B08
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6834065.00 E569400.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 8	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ☒ 75mm SPOON ☒ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT AND VOLCANIC ASH				0.0
1.0			SILT(ML)				2.0
			SAND AND SILT(SP/ML) – gravelly, non-plastic				4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
			SAND(SM) – silty, slightly plastic				16.0
5.0							18.0
6.0			END OF BOREHOLE AT 5.8m. (refusal)				20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
11.0							36.0
							38.0

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COMPLETION DEPTH 5.8 m	COMPLETE 16/11/71
LOGGED BY VS RD	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B09
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6834030.00 E569460.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 9	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT AND VOLCANIC ASH				0.0
1.0			SAND AND GRAVEL(SP/GP)				4.0
2.0	▤	1	SAND(SP/SM) – gravelly, silty, cobbly non-plastic	SP-SM	I	▲ ■ ●	6.0
3.0	▤	2	SAND(SM/SP) – silty, some gravel, cobbly, slightly plastic – refusal on a boulder	SM-SP	H	■ ▲ ●	10.0
4.0			END OF BOREHOLE AT 3.60m. (refusal on a boulder)				12.0
5.0							16.0
6.0							20.0
7.0							22.0
8.0							24.0
9.0							26.0
10.0							28.0
11.0							30.0
							32.0
							34.0
							36.0
							38.0

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COMPLETION DEPTH 3.6 m		COMPLETE 16/11/71
LOGGED BY VS RD	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B10
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6833990.00 E569460.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 10	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT	
1.0			SAND(SP/SM) – gravelly, silty, cobbly slightly plastic	
2.0	▤	1		GM
3.0			GRAVEL(GM) – sandy, some silt, non-plastic	
4.0				
5.0				
6.0			END OF BOREHOLE AT 5.8m.	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 5.8 m		COMPLETE 16/11/71
LOGGED BY VS RD	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6833945.00 E569490.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 11	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT AND VOLCANIC ASH				0.0
			SAND AND GRAVEL(SP/GP) – fine grained				2.0
1.0							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
			SAND(SP/SM) – gravelly, silty, wet, slightly plastic				
5.0							16.0
							18.0
6.0			END OF BOREHOLE AT 5.8m.				20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.8 m	COMPLETE 16/11/71
	LOGGED BY VS RD	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6834020.00 E569430.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 12	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			VOLCANIC ASH – peaty, some gravel				0.0
1.0			SAND AND GRAVEL(SP/GP)				4.0
2.0			SAND(SP/SM) – gravelly, silty, quite cobbly, frozen, very wet				6.0
3.0							10.0
			END OF BOREHOLE AT 3.6m.				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.6 m	COMPLETE 16/11/71
	LOGGED BY VS RD	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6834015.00 E569375.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 13	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT AND VOLCANIC ASH – frozen				0.0
1.0							2.0
							4.0
2.0							6.0
			ORGANIC SILT(OL) SAND(SM) – silty				8.0
3.0							10.0
							12.0
4.0							14.0
			END OF BOREHOLE AT 4.60m.				16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 16/11/71	
	LOGGED BY VS RD	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6834040.00 E569390.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 14	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT AND VOLCANIC ASH				0.0
1.0							2.0
			SAND(SM) – silty, moist, slighty plastic				4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
			END OF BOREHOLE AT 5.8m.				20.0
6.0							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

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COMPLETION DEPTH 5.8 m		COMPLETE 16/11/71
LOGGED BY VS RD	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B15
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6834060.00 E569330.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 15	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT AND VOLCANIC ASH				0.0
1.0			SAND(SP/SM) – gravelly, some silt, moist, slightly plastic				4.0
2.0							6.0
							8.0
3.0							10.0
			– more cobbly				12.0
4.0							14.0
			– silty, extremely wet, possibly frozen and thawed with augers				16.0
5.0							18.0
6.0			END OF BOREHOLE AT 5.8m.				20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

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	LOGGED BY VS RD	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B16
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6834090.00 E569265.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 16	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT AND VOLCANIC ASH	
1.0			SAND AND SILT(SM/ML) – some gravel, slightly plastic	
2.0	▤	1		SM-ML
3.0				
4.0			END OF BOREHOLE AT 4.0m.	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 4.0 m	COMPLETE 16/11/71
LOGGED BY VS RD	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B17
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6834080.00 E569340.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 17	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT AND VOLCANIC ASH				0.0
			SAND AND SILT(SM/ML) – some gravel				2.0
1.0							4.0
2.0							6.0
							8.0
3.0							10.0
			– cobbly, moist				12.0
4.0							14.0
5.0							16.0
							18.0
6.0			END OF BOREHOLE AT 5.80m.				20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
11.0							36.0
							38.0

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COMPLETION DEPTH 5.8 m		COMPLETE 16/11/71
LOGGED BY VS RD	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B18
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6834030.00 E569240.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 18	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT AND VOLCANIC ASH				0.0
			SILT(ML)				2.0
1.0			SAND AND SILT(SM/ML) – some gravel				4.0
			– non-plastic				
2.0							6.0
							8.0
3.0			– quite moist, slightly plastic				10.0
	▤	1		SM-ML	#	■ ▲ ●	12.0
4.0							14.0
5.0							16.0
			END OF BOREHOLE AT 5.5m.				18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.5 m	COMPLETE 16/11/71
	LOGGED BY VS RD	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B19
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6834030.00 E569240.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 19	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT AND ORGANIC SILT(PT/OL)	
1.0			SILT AND SAND(ML/SM) – some gravel, non-plastic	
2.0				
3.0	▤	1		ML-SM
4.0				
5.0				
			END OF BOREHOLE AT 5.5m.	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 5.5 m	COMPLETE 16/11/71
LOGGED BY VS RD	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B20
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6833998.00 E569300.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 20	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND AND SILT(SM/ML) – hard, cobbly, dry non-plastic				0.0
1.0							2.0
							4.0
2.0			END OF BOREHOLE AT 2.1m. (refusal)				6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.1 m	COMPLETE 16/11/71
	LOGGED BY VS RD	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6833955.00 E569345.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 21	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND AND SILT(SM/ML) – gravelly, cobbly hard, dry, slightly plastic				0.0
1.0							2.0
2.0	▤	1		SM-ML	H	■ ▲●	4.0
							6.0
3.0			END OF BOREHOLE AT 3.00m. (refusal)				8.0
							10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 16/11/71
	LOGGED BY VS RD	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6833930.00 E569390.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 22	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ☒ 75mm SPOON ☒ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND AND SILT(SP/ML) – some gravel, hard dry, slightly plastic				0.0
1.0							2.0
	▤	1		SP-ML	H	■ ▲●	4.0
2.0							6.0
							8.0
3.0			END OF BOREHOLE AT 3.0m.				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

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Whitehorse, Yukon

COMPLETION DEPTH 5.8 m	COMPLETE 16/11/71
LOGGED BY VS RD	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B23
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6833885.00 E569450.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 23	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND AND SILT(SP/ML) – gravelly, hard, dry slightly plastic				0.0
1.0							2.0
			– siltier, more plastic				4.0
2.0							6.0
							8.0
3.0	▤	1		SP-ML	H	■●	10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0			END OF BOREHOLE AT 5.80m.				20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.8 m	COMPLETE 16/11/71
	LOGGED BY VS RD	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B24
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6833930.00 E569430.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 24	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND AND SILT(SP/ML) – gravelly, hard, dry, slightly plastic				0.0
1.0							2.0
2.0			– refusal				4.0
3.0							6.0
							8.0
							10.0
			END OF BOREHOLE AT 3.7m.				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.6 m	COMPLETE 16/11/71
	LOGGED BY VS RD	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B25
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6833995.00 E569430.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 25	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT AND SAND(ML/SP) – some gravel, hard dry, slightly plastic				0.0
1.0							2.0
2.0		1		ML-SP	H	■ ●	4.0
3.0							6.0
							8.0
							10.0
4.0			END OF BOREHOLE AT 3.6m. (refusal)				12.0
5.0							14.0
							16.0
6.0							18.0
							20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

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COMPLETION DEPTH 3.7 m		COMPLETE 16/11/71
LOGGED BY VS RD	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1816.0; 150m R of highway	BOREHOLE No. 18160B26
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6833965.00 E569425.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 26	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND AND SILT(SP/ML) – some gravel, hard, dry, slightly plastic				0.0
1.0	▤	1		SP-ML	H	■ ▲●	2.0
2.0			END OF BOREHOLE AT 2.4m.				4.0
3.0							6.0
4.0							8.0
5.0							10.0
6.0							12.0
7.0							14.0
8.0							16.0
9.0							18.0
10.0							20.0
11.0							22.0
							24.0
							26.0
							28.0
							30.0
							32.0
							34.0
							36.0
							38.0

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COMPLETION DEPTH 2.4 m		COMPLETE 16/11/71
LOGGED BY VS RD	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.0, 250 m L of Highway	BOREHOLE No. 18214B01
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6837150.00 E567250.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-019-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT AND MOSS – saturated	
			GRAVEL AND SAND(GM/SM)– some silt, subrounded to subangular to 75 mm	
1.0		1	Vc5%	
			– occasional 25mm thick silt lens	
2.0		2		
		3		
3.0			– little silt	
		4		
4.0				
			– silt lenses	
5.0				
6.0				
7.0			END OF BOREHOLE at 7.1m.	
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 6.0 m	COMPLETE 81/07/11
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.8, 350 m R of Highway	BOREHOLE No. 18214B11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6839055.00 E567115.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-019-I	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–fibrous, brown	PT
		1	SILT–little sand, woody peat inclusions, fibrous, grey	ML
1.0				
		2	PEAT–fine grained, fibrous, dark brown GRAVEL–little sand	PT GW
2.0			SAND–trace of silt, occasional fibrous and woody peat inclusions, fine grained, grey with brown mottling	SP-SW
		3		
			SILT–some fine grained sand	ML
3.0			SAND–trace of silt, little gravel, fine to coarse grained, saturated, brown	SP-SW
		4	GRAVEL–trace of silt, little sand, saturated	
4.0				
		5		
5.0				
		6		
6.0			– some sand, occasional thin laminations	
		7		
7.0				
		8	– little sand	GP-GW
8.0				
		9		
9.0				
		10		
10.0				
			– little to some sand, trace of cobbles	
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

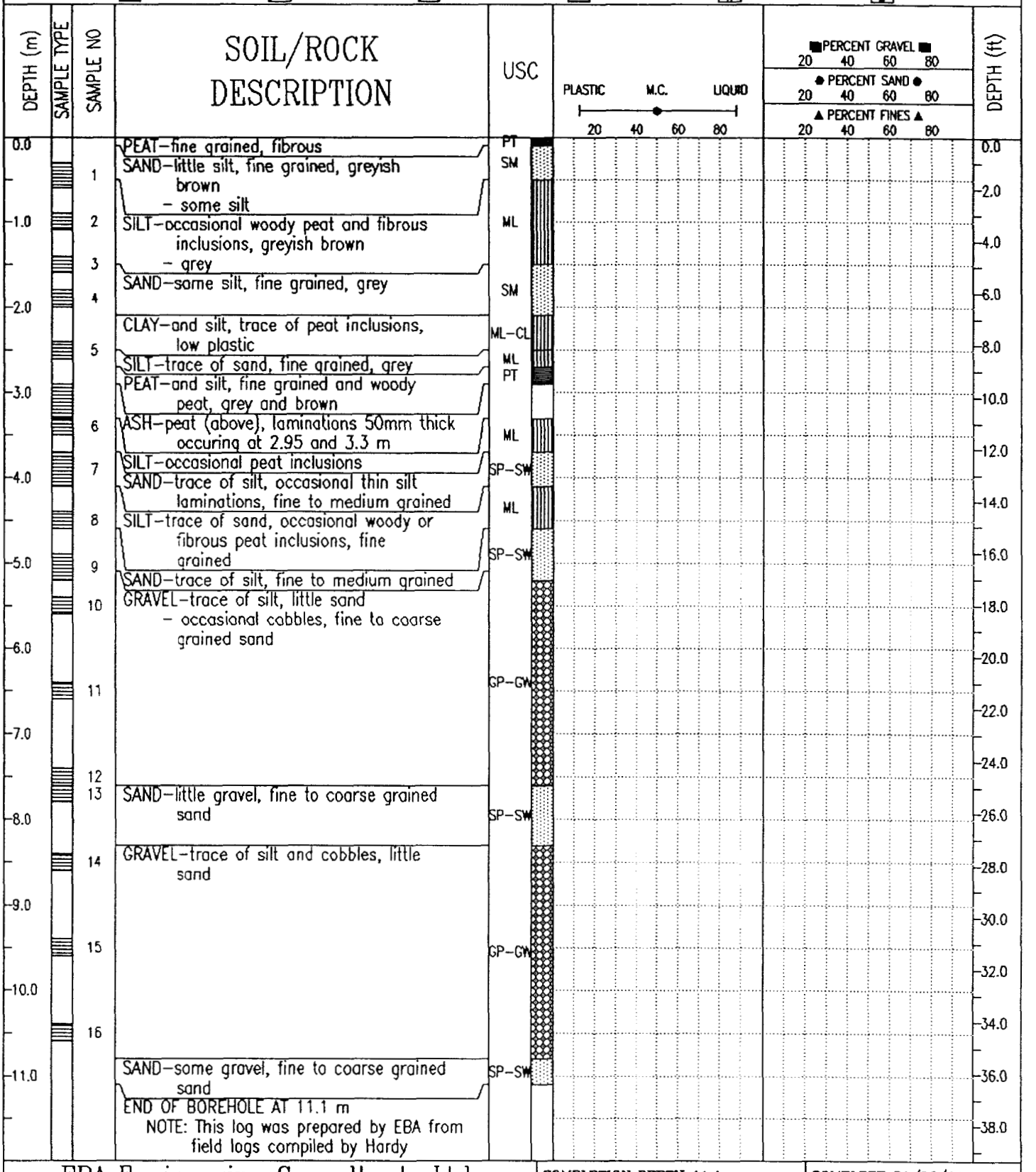
■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 11.8 m	COMPLETE 81/05/11
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.8, 350 m R of Highway	BOREHOLE No. 18214B12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6838900.00 E567490.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-019-II	ELEVATION 0.00 (m)

SAMPLE TYPE: ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 11.1 m	COMPLETE 81/05/11
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.0, 250 m L of Highway	BOREHOLE No. 18214B21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6837730.00 E567000.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-019-I	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–fibrous, brown	PT
		1	SILT–trace of fibrous peat inclusions, grey with brown mottling	
1.0				ML
		2	– trace of fine sand, thinly laminated	
2.0				
		3	SAND–little gravel, fine to coarse grained, damp, brown	
3.0			– saturated	SP–SW
		4	GRAVEL–trace of silt and cobbles, little sand, fine to coarse grained, subrounded to subangular, saturated, brown	
4.0				
		5		
5.0				
6.0			– some sand	
7.0				
				GP–GW
8.0			NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ — 20 40 60 80

● PERCENT SAND ● — 20 40 60 80

▲ PERCENT FINES ▲ — 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 11.9 m	COMPLETE 81/06/12
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.0, 250 m L of Highway	BOREHOLE No. 18214B22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6837300.00 E567315.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-019-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT(PT) – trace of silt, moist, dark brown and black				0.0
			SAND(SP) – trace of silt, coarse grained, light brown				
1.0							2.0
			GRAVEL AND SAND(GM/GW) – some silt, trace of clay, subrounded to angular, moist, olive grey				4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
6.0			END OF BOREHOLE AT 6.0m.				20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m	COMPLETE 81/07/11
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.0, 250 m L of Highway	BOREHOLE No. 18214B24
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6837870.00 E567105.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-019-4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–dark brown	PT
			SILT–some sand, trace of gravel and clay, olive grey	ML
1.0				
	▤	1	GRAVEL–and sand, trace of silt, subrounded to angular, well graded, moist, dark brown	
2.0				
	▤	2		
3.0				GW
	▤	3		
4.0				
	▤	4		
5.0				
6.0			END OF BOREHOLE AT 6.08 m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m	COMPLETE 81/07/11
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.8, 350 m R of Highway	BOREHOLE No. 18214B25
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6838390.00 E567315.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 78-B-25	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–moss covered	PT
		M1	SAND–little silt, oxidized, fine grained, brown	SM
1.0		M2	GRAVEL–some sand, little silt, grey	
		M3	– sand lense to 1.2 metre depth	
			– and sand	GM
2.0		M4		
		M5		
3.0		M6	SAND–and gravel, trace of silt, fine to coarse grained	
		M7		SW
4.0		M8		
		M9	SILT–sandy, trace of clay, occasional subrounded pebbles to 25mm diameter, peat inclusions, low plastic	ML
5.0		M10	GRAVEL–and sand, very silt, subangular, to 50mm diameter	GM
6.0			END OF BOREHOLE AT 6.2 m E.M.R. pipe installed – tip at 6.2 m depth	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.2 m	COMPLETE 78/08/12
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.4	BOREHOLE No. 18214B2L
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6837150.00 E567250.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-7P3-(1)-2L	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT (PT) – moss	
			UF at 0.0 to 1.5 m	
			ORGANIC SILT (OL) – brown	
1.0		1	GRAVEL AND SAND (GM/SM) – little silt, brown to grey, wet	
			– occasional sand lenses to 200 mm	
2.0		2	Vc 5% at 1.5 to 5.0 m	
		3		GM-SM
3.0				
		4		
4.0			GRAVEL GW/GM) – some sand, trace of silt, gravel sizes to 75 mm, brown to grey	
		5		GW-GM
5.0			END OF BOREHOLE AT 5.0 m	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 5.0 m | COMPLETE 80/09/18

LOGGED BY JDM | DWG NO. | Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.5, 200 m R of Highway	BOREHOLE No. 18214B31
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6837410.00 E567710.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3-019-I	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–fibrous	PT
		1	– fine grained	
			ASH–trace of organics	
1.0			– fine grained peat lamination 50mm thick	GM
			SAND–and gravel, little silt, silt thinly laminated	PT
		2	PEAT–fine grained, 100mm thick	
2.0			GRAVEL–some sand and silt, trace of clay, little cobbles, moderately well graded	
		3	– little silt	GM–GC
3.0				
		4		
4.0				
			PEAT–fine grained, brown	PT
		5	SILT–trace of gravel and clay, occasional inclusions, grey	ML
5.0			GRAVEL–some sand, trace of clay, little silt	
		6		GM
6.0				
			SILT–some sand and clay, trace of organics and gravel, fine grained sand, peat woody and fibrous, thinly laminated	
		7		
7.0				
		8	– some gravel	ML–CL
8.0				
		9		
			SAND–and gravel, trace of silt and clay	
9.0				GP–GW
		10		
10.0			END OF BOREHOLE AT 9.75 m	
			NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

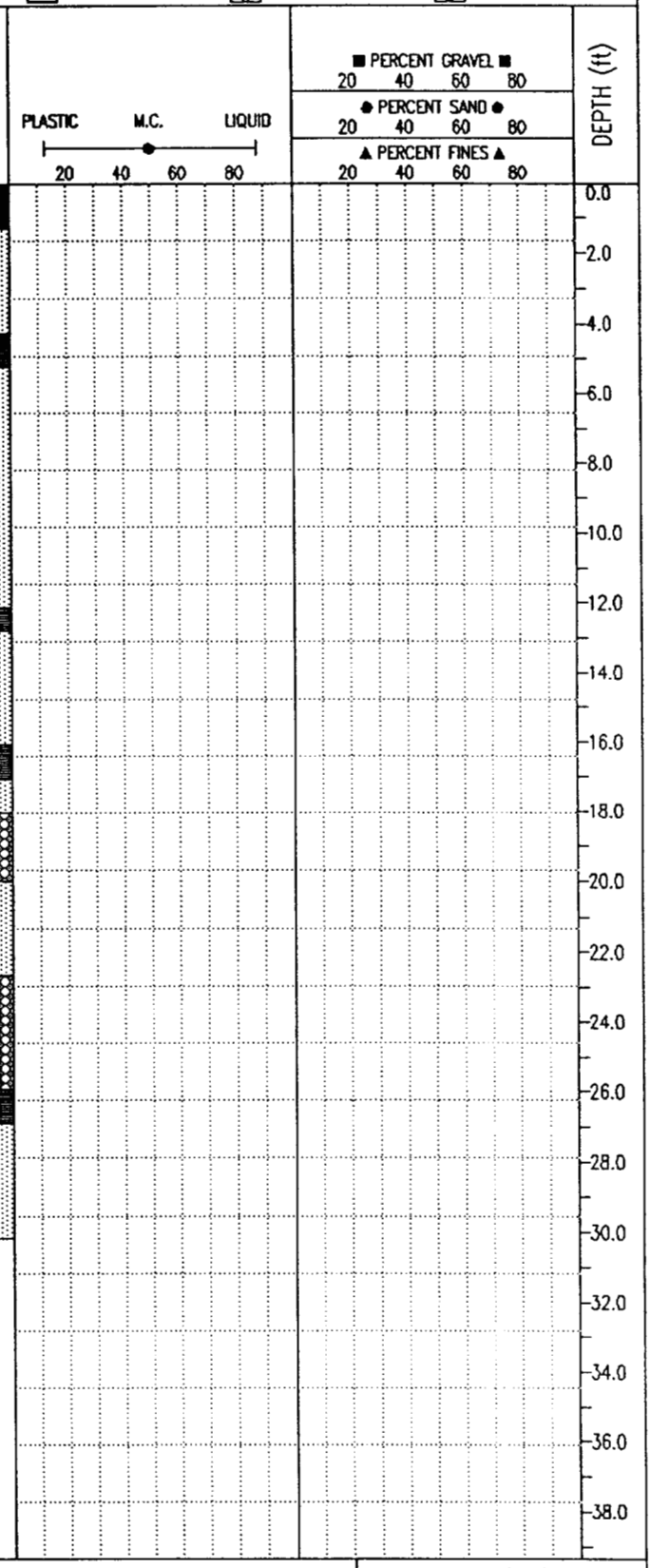
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Whitehorse, Yukon

COMPLETION DEPTH 9.8 m	COMPLETE 81/05/10
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.8, 350 m R of Highway	BOREHOLE No. 18214B41
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6837700.00 E567780.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 4-019-I	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–moss covered	PT
		1	– fine grained, fibrous – volcanic ash layer 50mm thick	
			SAND–trace of silt and peat, peat is woody, peat inclusions, fine grained, fibrous, interbedded laminations, poorly graded	SP-SM
1.0		2		PT
			PEAT–woody	
			SAND–and gravel, trace of peat, trace to little silt, silt laminations, occasional peat inclusions, grey	
2.0		3		SP-SM
			– and peat, interbedded, fine to coarse grained sand, peat is fine grained and fibrous	
3.0		4		
		5		
			PEAT–woody, fine grained, fibrous	PT
4.0			SAND–trace of gravel, silt and peat, fine to coarse grained sand, fibrous and fine grained peat laminations, interbedded	SP-SM
		6		
		7		
5.0			– gravel lamination 100mm thick, poorly graded	PT
			PEAT–woody, fine grained	SP
		8	SAND–fine grained, poorly graded	
			GRAVEL–trace of silt and cobbles, little sand	GP-GW
6.0			SAND–and peat, trace of gravel, fine to coarse sand, peat is fine grained, fibrous with occasional woody pieces, interbedded	SP
		9		
		10		
7.0			– gravel layer 200mm thick	
		11	GRAVEL–trace of silt and cobbles, trace to little sand, occasional silt laminations, moderately well graded	GP-GW
8.0			PEAT–woody, fibrous	PT
		12	SAND–and peat, trace of silt, fine grained sand, fibrous peat, fine grained, interbedded	SP
9.0		13	– gravel bed 100mm thick	
			END OF BOREHOLE AT 9.2 m	
10.0			NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	
11.0				



DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.4; 200m R of highway	BOREHOLE No. 18214B45
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6838805.00 E566705.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-15	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			POORLY GRADED SAND WITH GRAVEL (SP) –wet				0.0
1.0		20		SP			4.0
			–water level				
2.0			POORLY GRADED GRAVEL WITH SAND (GP) –saturated				8.0
3.0		21		GP			10.0
4.0		22		GP			14.0
			END HOLE at 4.4m				
5.0							16.0
6.0							20.0
7.0							22.0
8.0							24.0
9.0							26.0
10.0							28.0
11.0							30.0
							32.0
							34.0
							36.0
							38.0

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COMPLETION DEPTH 4.4 m		COMPLETE 88/08/24
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.4; 200m R of highway	BOREHOLE No. 18214B46
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6838895.00 E566660.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-16	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVELY SAND –water level				0.0
1.0							2.0, 4.0
			END HOLE at 1.4m				
2.0							6.0, 8.0
3.0							10.0
4.0							12.0, 14.0
5.0							16.0
6.0							18.0, 20.0
7.0							22.0, 24.0
8.0							26.0, 28.0
9.0							30.0
10.0							32.0, 34.0
11.0							36.0, 38.0

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COMPLETION DEPTH 1.4 m		COMPLETE 88/08/24
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.4; 200m R of highway	BOREHOLE No. 18214B47
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6838925.00 E566675.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-17	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			WELL-GRADED GRAVEL WITH SAND (GW)	
1.0	▤	23		GW
			-water level	
2.0				
	▤	24		GW
3.0				
			POORLY GRADED SAND WITH GRAVEL (SP)	
4.0	▤	25		SP
			END HOLE at 4.4m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/08/24
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.4; 200m R of highway	BOREHOLE No. 18214B48
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6838915.00 E566720.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-18	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SAND WITH SILT	
1.0			POORLY GRADED GRAVEL WITH SILT AND SAND GP-GM	GP-GM
		26		
			-water level	
2.0			POORLY GRADED GRAVEL WITH SAND (GP)	
		27		GP
3.0				
			WELL-GRADED GRAVEL WITH SAND (GW)	
4.0				
		28		GW
			END HOLE at 4.4m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.4 m		COMPLETE 88/08/24
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.4; 200m R of highway	BOREHOLE No. 18214B49
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6838905.00 E566765.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-19	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILT WITH SAND (ML)	
			-frozen	
1.0				
	▤	29		ML
	▤	30	WELL-GRADED GRAVEL WITH SILT AND SAND	GW-GM
2.0			GW-GM	
			-visible ice	
			END HOLE at 2.0m	
3.0			-refusal	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ — 20 40 60 80

● PERCENT SAND ● — 20 40 60 80

▲ PERCENT FINES ▲ — 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 2.0 m	COMPLETE 88/08/25
LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.4; 200m R of highway	BOREHOLE No. 18214B50
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6838900.00 E566810.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-20	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			SILT WITH SAND (ML) –frozen –smooth drilling				2.0
1.0							4.0
		31		ML	●	● ▲	
							6.0
2.0			SILTY GRAVEL WITH SAND (GM) –frozen				8.0
		32	–grindy drilling	GM	●	▲ ● ■	
			END HOLE at 2.6m –refusal				10.0
3.0							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.6 m	COMPLETE 88/08/25
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.4; 200m R of highway	BOREHOLE No. 18214B51
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6838895.00 E566875.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-21	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SILT WITH SAND (ML) -organic -frozen -smooth drilling	
1.0		33		ML
2.0			POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -grindy drilling	
		34		GP-GM
3.0			END HOLE at 2.8m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 2.8 m	COMPLETE 88/08/25
LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.4; 200m R of highway	BOREHOLE No. 18214B52
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6838995.00 E566720.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-22	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SANDY ORGANIC MATERIAL	
			WELL-GRADED GRAVEL WITH SAND (GW)	
			-water level	
1.0		35		GW
2.0			POORLY GRADED SAND WITH GRAVEL (SP)	
		36		SP
3.0				
			POORLY GRADED GRAVEL WITH SAND (GP)	
4.0		37		GP
5.0				
		38		GP
6.0			END HOLE at 6.0m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 6.0 m		COMPLETE 88/08/25
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.4; 200m R of highway	BOREHOLE No. 18214B53
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6839020.00 E566675.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-23	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			WELL TO POORLY GRADED GRAVEL WITH SAND (GW TO GP)	
			–wet	
1.0			–maximum 25mm material	
	▤	39		GW
			–water level	
2.0				
	▤	40		GP
3.0				
			POORLY GRADED SAND WITH GRAVEL (SP)	
4.0				
	▤	41		SP
			END HOLE at 4.4m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 4.4 m		COMPLETE 88/08/25
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.4; 200m R of highway	BOREHOLE No. 18214B54
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6839040.00 E566625.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 017-24	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			POORLY GRADED SAND WITH GRAVEL (SP) -damp -maximum 50mm material				0.0
1.0							2.0
	▤	42		SP	●	▲ ■ ●	4.0
2.0			-water level				6.0
	▤	43		SP	●	▲ ■ ●	8.0
3.0							10.0
4.0							12.0
	▤	44		SP	●	▲ ■ ●	14.0
5.0							16.0
	▤	45		SP	●	▲ ■ ●	18.0
6.0			END HOLE at 6.0m				20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m	COMPLETE 88/08/25
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.4; 200m R of highway	BOREHOLE No. 18214B55
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6839050.00 E566570.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-25	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			POORLY GRADED GRAVEL WITH SAND (GP)	
			–wet	
			–maximum 50mm material	
1.0		46		GP
2.0			–water level	
		47		GP
3.0				
			POORLY GRADED SAND WITH GRAVEL (SP)	
4.0		48		SP
5.0				
		49		SP
6.0			END HOLE at 5.8m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 5.8 m	COMPLETE 88/08/25
LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.4; 200m R of highway	BOREHOLE No. 18214B56
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6839100.00 E566615.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-26	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			POORLY GRADED GRAVEL WITH SAND (GP)	
			–wet	
			–maximum 50mm material	
1.0		50		GP
2.0				
		51		GP
3.0				
			POORLY GRADED SAND WITH GRAVEL (SP)	
4.0				
		52		SP
5.0				
		53		SP
6.0			END HOLE at 5.8m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 5.8 m		COMPLETE 88/08/25
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.4; 200m R of highway	BOREHOLE No. 18214B57
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6839350.00 E566620.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-27	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVELY SAND				0.0
			SAND				2.0
1.0							
	▤	54	POORLY GRADED SAND WITH GRAVEL (SP) –wet	SP	●	▲ ■ ●	4.0
2.0							6.0
	▤	55		SP	●	▲ ■ ●	8.0
3.0							10.0
			POORLY GRADED GRAVEL WITH SAND (GP)				12.0
4.0							
	▤	56		GP	●	▲ ● ■	14.0
5.0							16.0
			SILT				18.0
	▤	57	POORLY GRADED GRAVEL WITH SAND (GP) –saturated	GP	●	▲ ● ■	
6.0			END HOLE at 5.8m				20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.8 m	COMPLETE 88/08/25
	LOGGED BY DT JDM	DWG NO. Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.4; 200m R of highway	BOREHOLE No. 18214B58
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6838800.00 E566565.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-28	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			POORLY TO WELL-GRADED GRAVEL WITH SAND (GP TO GW)	
			-maximum 50mm material	
1.0	▤	58	-water level	GP
2.0	▤	59		GW
3.0			END HOLE at 2.8m	

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.8 m	COMPLETE 88/08/25
	LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.8, 350 m R of Highway	BOREHOLE No. 18214T11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6838610.00 E566930.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-019-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–rootlets, granular, fine fibrous to amorphous, black and brown	PT
			SILT–and clay, trace of gravel, little clay, rootlets, ice laminations up to 5mm thick, greyish brown – some sand	ML
1.0		2		
			END OF TESTPIT AT 1.3 m Refusal at 1.3 m due to more firmly bonded permafrost	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.3 m	COMPLETE 81/06/18
	LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.8, 350 m R of Highway	BOREHOLE No. 18214T12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6838420.00 E567170.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-019-2	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–rootlets, woody, amorphous, wet, black	PT
			SILT–and clay, laminated, blue grey	ML
1.0		1	GRAVEL–some sand, trace of silt, poorly graded, subangular to subrounded, grey	GP
			END OF TESTPIT AT 1.1 m Refusal at 1.1 m due to more firmly bonded permafrost	

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

DEPTH (m): 0.0, 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.1 m	COMPLETE 81/06/19
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.8, 350 m R of Highway	BOREHOLE No. 18214T13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6838585.00 E567340.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-019-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⁄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–rootlets, woody, fine fibrous, wet, dark brown	PT
		2	SILT–and clay, grey	ML
			SAND–trace of silt, fine to medium grained, uniform, light brown	SP
1.0		3	GRAVEL–some sand, trace of silt, rounded to subangular, well graded, grey	GW
			END OF TESTPIT AT 1.5 m Refusal at 1.5 m due to more firmly bonded permafrost	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.5 m	COMPLETE 81/06/19
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.8, 350 m R of Highway	BOREHOLE No. 18214T14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6838615.00 E567195.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-019-4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–rootlets, woody, amorphous granular, wet, black and brown	PT
		2	CLAY–and silt, soft, low plastic, blue grey	ML-CL
1.0			GRAVEL–and sand, trace of silt, medium to coarse grained, subrounded to subangular, well graded, greyish brown	GW
2.0		3	END OF TESTPIT AT 2.5 m Refusal at 2.5 m due to more firmly bonded permafrost	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 2.5 m		COMPLETE 81/06/19
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.0, 250 m L of Highway	BOREHOLE No. 18214T21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6837300.00 E567315.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-019-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–rootlets, woody, amorphous, wet, dark brown	PT
			SAND–trace of clay, coarse grained, poorly graded, light brown	SP
1.0			SILT–and clay, bluish grey	ML–CL
			SAND–trace of clay, coarse grained, poorly graded, light brown	SP
			SILT–and clay, bluish grey	ML–CL
2.0		2	GRAVEL–and sand, trace of clay, little silt, rounded to subangular, moderately well graded, greyish brown	GP–GM
		3		
			END OF TESTPIT AT 2.6 m Refusal at 2.6 m due to more firmly bonded permafrost. Seepage occurring at Peat/Silt contact.	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.6 m	COMPLETE 81/06/20
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.0, 250 m L of Highway	BOREHOLE No. 18214T22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6837375.00 E567280.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-019-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–rootlets, woody, amorphous, wet, dark brown	PT
		1	GRAVEL–and sand, trace of silt, rounded to subangular, well graded, greyish brown	
1.0				GW
		2		
2.0		3		
			END OF TESTPIT AT 2.2 m Refusal at 2.2 m due to more firmly bonded permafrost. Seepage occurring at Peat/Silt contact.	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.2 m	COMPLETE 81/06/20
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.0, 250 m L of Highway	BOREHOLE No. 18214T23
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6837795.00 E567310.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-019-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–woody, amorphous, wet, dark brown	PT
		1	CLAY–and silt, firm, low plastic, bluish grey	CL–ML
1.0		2	GRAVEL–and sand, little silt, rounded to subangular, moderately well graded, grey brown	GW–GM
			END OF TESTPIT AT 1.2 m Refusal at 1.2 m due to more firmly bonded permafrost	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 1.2 m		COMPLETE 81/06/19
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.0, 250 m L of Highway	BOREHOLE No. 18214T24
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6837870.00 E567105.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-019-4	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–rootlets, woody, amorphous, wet, dark brown	PT
			SILT–and clay, firm, low plastic, bluish grey	ML–CL
1.0		2	GRAVEL–and sand, little silt, subrounded to subangular, moderately well graded, grey	GW–GM
2.0		3	END OF TESTPIT AT 2.0 m Refusal at 2.0 m due to more firmly bonded permafrost. Seepage occurring at Peat/Silt contact.	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ — 20 40 60 80

● PERCENT SAND ● — 20 40 60 80

▲ PERCENT FINES ▲ — 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 2.0 m | COMPLETE 81/06/19

LOGGED BY JDM | DWG NO. | Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.0, 250 m L of Highway	BOREHOLE No. 18214T25
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6838065.00 E567110.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-019-5	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–woody, fine fibrous, wet, black and brown	PT
		1	SILT–little clay and sand, soft to firm, low to medium plastic, bluish grey	ML
1.0		2	GRAVEL–some sand, trace of cobbles and silt, coarse grained, well graded, rounded to subangular,grey	GW
2.0		3	END OF TESTPIT AT 2.0 m Refusal at 2.0 m due to more firmly bonded permafrost. Seepage occurring at Peat/Silt contact	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 2.0 m		COMPLETE 81/06/18
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.5, 200 m R of Highway	BOREHOLE No. 18214T31
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6837470.00 E567655.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3-019-1	ELEVATION 0.00 (m)

SAMPLE TYPE: ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–rootlets, woody, amorphous, wet, dark brown	PT
		1	SAND–trace of silt and volcanic ash,	SP
		2	poorly graded, dark brown	
1.0			ASH–fine grained, granular, white	PT
		3	PEAT–woody, brown	
			SILT–and clay, poorly graded, dark grey	ML–CL
			END OF TESTPIT AT 1.6 m	
			Refusal at 1.6 m due to more firmly bonded permafrost	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.6 m	COMPLETE 81/06/20
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1821.5, 200 m R of Highway	BOREHOLE No. 18214T32
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6837665.00 E567580.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3-019-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ▩ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–rootlets, woody, amorphous, wet, dark brown	PT
			SAND–trace of silt and volcanic ash, fine grained, poorly graded	SP
			SILT–and clay, poorly graded, grey	ML–CL
1.0			PEAT–woody, dark brown	PT
			SILT–and clay, poorly graded, grey	ML–CL
2.0			END OF TESTPIT AT 1.8 m Refusal at 1.8 m due to more firmly bonded permafrost	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

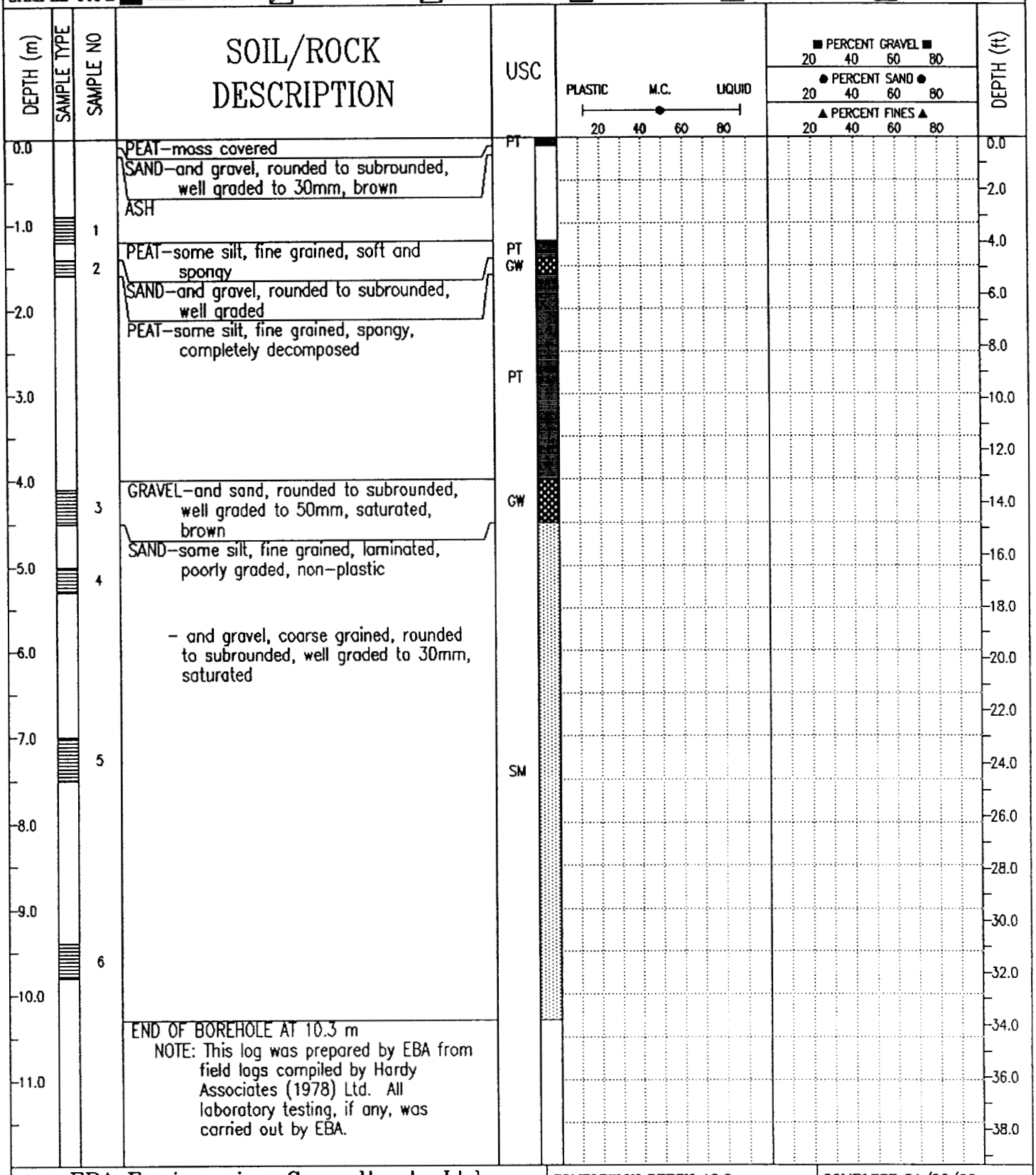
DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 1.8 m		COMPLETE 81/06/20
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1838.6, 500 m R of Highway	BOREHOLE No. 18386B31
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6847315.00 E556650.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3-017-01	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.3 m	COMPLETE 81/06/09
	LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1842.0, 200 m R of Highway	BOREHOLE No. 18425B10
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6851340.00 E551420.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 81-01-100	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–woody, fibrous, brown	PT
			ASH	
1.0		1	PEAT–trace of silt, woody, fibrous, brown	
2.0				PT
			– little silt	
		2	SILT–little sand, fine to coarse grained, grey	ML
3.0		3	PEAT–trace of silt, woody, fibrous	PT
		4	SAND–trace of silt, little gravel, moderately well graded, grey	
4.0		5		SP-SW
			END OF BOREHOLE AT 4.6 m	
5.0			NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 81/01/10
	LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1842.0, 200 m R of Highway	BOREHOLE No. 18425B21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6851220.00 E551785.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-016-I	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–moss covered, fibrous, brown	PT
		1	ASH	
1.0			PEAT–woody, fine grained, fibrous	PT
		2	SILT–some peat and sand, trace to little gravel, poorly graded	SP
2.0			GRAVEL–some silt and sand, trace of cobbles	GM
		3	SILT–some sand, trace of clay, little gravel, poorly graded, low plastic, grey	ML–SM
3.0			– core shaped rock fragments (boulder/bedrock?)	
4.0			END OF BOREHOLE AT 3.95 m NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.0 m	COMPLETE 81/05/13
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1842.0, 200 m R of Highway	BOREHOLE No. 18425B22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6850640.00 E552320.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-016-II	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–moss covered, occasional woody pieces, fine grained, fibrous, brown	PT
			ASH	
1.0		2	PEAT–occasional thin silt layers, little woody pieces and inclusions, fine grained, fibrous	PT
2.0				
		3		
		4	SILT–trace of peat inclusions, woody and fibrous, grey with brown mottling	ML
3.0			SAND–some gravel, trace of silt	SP
		5	SILT–trace of peat inclusions, woody and fibrous, grey with brown mottling	ML
			CLAY–and silt, medium plastic, grey	CL-ML
4.0			ICE–with clay and silt	
		6	CLAY–and silt, medium plastic, grey	CL-ML
5.0			GRAVEL–some sand, little to some silt	GM
		7		
			SAND–some gravel, trace to little silt, trace of cobbles	SM
6.0		8		
7.0				
		9	GRAVEL–some sand, trace of silt, trace to some cobbles, moderately well graded	GW
8.0			SAND–little to some gravel, trace of silt and cobbles	SP-SW
			– boulder/bedrock at 8.0 m	
			END OF BOREHOLE AT 8.55 m	
9.0			NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 8.6 m	COMPLETE 81/05/14
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1843.5, 100 m R of Highway	BOREHOLE No. 18425T01
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6851880.00 E551150.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-016	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–rootlets, woody, coarse fibrous, moist, light brown	PT
		1	ASH–fine to medium grained, moist, white to grey	ML
1.0			SILT–trace of clay and organics, damp, light brown	
		2	GRAVEL–and sand, trace of silt, rounded to subangular, well graded, compact, medium brown	GW-GM
2.0			END OF TESTPIT AT 2.0 m NOTE: Log of existing gravel pit	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 2.0 m		COMPLETE 81/06/23
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B01
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6852210.00 E550320.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 01	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC SAND – silty, fine to medium grained				0.0
			GRAVEL (GW) – sandy, trace silt, odd cobbles, angular to subrounded				2.0
1.0							4.0
			– water table ▼				6.0
2.0							8.0
3.0							10.0
			SAND(SW) – gravelly, trace silt odd cobbles				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
			END OF HOLE AT 7.6 m.				26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 7.6 m	COMPLETE 70/05/11
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B02
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6852050.00 E550280.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 02	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SW) – some gravel, trace silt, fine to medium grained				0.0
1.0							2.0
							4.0
2.0							6.0
			SAND(SP) – some gravel, trace silt, poorly graded				8.0
3.0			– water table ▼				10.0
			SAND(SW) – some gravel, trace silt, fine to medium grained				12.0
4.0							14.0
5.0			VOLCANIC ASH				16.0
			SAND(SM) – silty, some gravel, fine to medium grained				18.0
6.0			END OF HOLE AT 6.1 m.				20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.1 m	COMPLETE 70/05/11
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B03
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6852010.00 E550310.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 03	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL(GW) – sandy, trace silt, odd cobbles, well graded	
1.0				
	▤	1		GW
2.0				
3.0			SAND(SW) – some gravel, trace silt, fine to coarse grained	
4.0				
			END OF HOLE AT 4.6 m.	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.6 m		COMPLETE 70/05/11
LOGGED BY RD JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B04
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6851960.00 E550350.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 04	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL(GW) – sandy, trace silt, cobbles, well graded				0.0
1.0							2.0
2.0							4.0
							6.0
							8.0
3.0			END OF HOLE AT 3.0 m. (auger refusal on cobbles)				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 70/05/11
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B05
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6852090.00 E550230.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 05	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL AND SAND(GW/SW) – trace of silt, well graded				0.0
1.0							2.0
2.0							4.0
							6.0
							8.0
3.0			SAND(SW) – gravelly, trace silt, medium to coarse grained, wet – water table at 3.0 m.				10.0
4.0							12.0
							14.0
5.0			END OF HOLE AT 4.6 m.				16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 70/05/11
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B06
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6852140.00 E550175.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 06	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT AND MOSS				0.0
			SAND(SM) – silty, fine grained				
1.0							2.0
							4.0
2.0			SAND(GW) – some gravel, trace silt, fine to coarse grained, clean				6.0
							8.0
3.0			END OF HOLE AT 1.8 m.				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

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COMPLETION DEPTH 3.0 m	COMPLETE 70/05/11
LOGGED BY RD JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B07
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6852010.00 E550230.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 07	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL(GW) – sandy, trace silt, cobbles fairly well graded	GW			0.0
1.0		1					2.0
2.0			END OF HOLE AT 2.1 m. (auger refusal on cobbles)				4.0
3.0							6.0
4.0							8.0
5.0							10.0
6.0							12.0
7.0							14.0
8.0							16.0
9.0							18.0
10.0							20.0
11.0							22.0
							24.0
							26.0
							28.0
							30.0
							32.0
							34.0
							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.1 m	COMPLETE 70/05/11
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B08
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6852060.00 E550185.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 08	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID 20 40 60 80	■ PERCENT GRAVEL ■ 20 40 60 80 ● PERCENT SAND ● 20 40 60 80 ▲ PERCENT FINES ▲ 20 40 60 80	DEPTH (ft)
0.0			ORGANIC SAND – silty, peat				0.0
			GRAVEL(GW) – sandy, trace silt, cobbles well graded, – water table				2.0
1.0							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
5.0			END OF HOLE AT 4.9 m.				16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.9 m	COMPLETE 70/05/11
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B09
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6852210.00 E550140.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 09	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT – moss				0.0
			SAND(SM) – silty, fine grained				
1.0							2.0
							4.0
2.0			PEAT – decomposed				6.0
							8.0
3.0			END OF HOLE AT 3.0 m.				10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

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COMPLETION DEPTH 3.0 m		COMPLETE 70/05/12
LOGGED BY RD JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B10
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6851970.00 E550260.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 10	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT				0.0
			GRAVEL(GW) – sandy, trace silt, cobbles well graded				2.0
1.0							4.0
2.0							6.0
							8.0
3.0							10.0
			SAND(SW) – some gravel trace silt, coarse grained, clean				12.0
4.0							14.0
			END OF HOLE AT 4.6 m.				16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 70/05/12
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6851930.00 E550300.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 11	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC SAND – silty, some moss				0.0
			SAND(SW) – gravelly, trace silt, medium to fine grained,				2.0
1.0							4.0
			SAND(SM) – silty, trace gravel				6.0
2.0			SAND(GW) – some gravel, trace silt, well graded, clean				8.0
3.0							10.0
							12.0
4.0							14.0
			END OF HOLE AT 4.6 m.				16.0
5.0							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE 70/05/12
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6851960.00 E550175.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 12	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT – moss				0.0
			SILT(ML) – sandy, fine grained, non plastic, brown				2.0
1.0							4.0
2.0							6.0
							8.0
3.0			END OF HOLE AT 3.0 m.				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 70/05/12
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6852010.00 E550120.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 13	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC SAND – some moss	
1.0			SAND(SW) – gravelly, trace silt, fine to medium grained	
			SILT(ML) – sandy, fine grained, brown	
2.0				
			END OF HOLE AT 2.7 m.	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 2.7 m	COMPLETE 70/05/12
LOGGED BY RD JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6852070.00 E550090.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 14	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC SAND – silty, fine grained frozen				0.0
			SAND(SW) – gravelly, trace silt, medium to fine grained				
1.0							2.0
							4.0
2.0							6.0
			– clean				8.0
3.0			END OF HOLE AT 2.7 m.				10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

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COMPLETION DEPTH 2.7 m	COMPLETE 70/05/12
LOGGED BY RD JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B15
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6851920.00 E550215.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 15	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC SAND – silty, some moss – frozen				0.0
			SILT(ML) – sandy, fine grained, brown				2.0
1.0							4.0
							6.0
2.0			SAND(SM) – silty, trace gravel, dark brown				8.0
			SAND(GW) – gravelly, trace silt, fine to medium grained – unfrozen				10.0
3.0			END OF HOLE AT 2.7 m.				12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.7 m	COMPLETE 70/05/12
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B16
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6851880.00 E550250.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 16	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC SAND – silty, some moss – frozen				0.0
			SILT(ML) – sandy, fine grained, brown				
1.0							2.0
							4.0
2.0							6.0
			GRAVEL(GP) – sandy, trace silt, coarse grained, gap graded – unfrozen				8.0
3.0			END OF HOLE AT 2.7 m.				10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

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COMPLETION DEPTH 2.7 m	COMPLETE 70/05/12
LOGGED BY RD JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B17
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6851930.00 E550135.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 17	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT – moss – frozen				0.0
			SILT(ML) – sandy, fine grained, brown				2.0
1.0			– unfrozen				4.0
							6.0
2.0			END OF HOLE AT 1.8 m.				8.0
3.0							10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.8 m	COMPLETE 70/05/12
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B18
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6851960.00 E550130.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 18	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC SAND – silty, some moss – frozen				0.0
			SILT(ML) – sandy, fine grained, brown				
1.0							2.0
							4.0
2.0			– unfrozen				6.0
							8.0
			GRAVEL(GW) – sandy, trace silt, coarse grained				
3.0			END OF HOLE AT 3.0 m.				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 70/05/12
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B19
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6851945.00 E550155.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 19	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT – moss – frozen				0.0
			SILT(ML) – sandy, fine grained, brown				2.0
1.0							4.0
			– medium plastic – unfrozen				6.0
2.0							8.0
			GRAVEL(GW) – sandy, trace silt, coarse grained				10.0
3.0			END OF HOLE AT 3.0 m.				12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 70/05/12
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B20
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6851945.00 E550200.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 20	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT – moss – frozen				0.0
			SILT(ML) – sandy, fine grained, brown				2.0
1.0							4.0
			– medium plastic				6.0
2.0							8.0
			GRAVEL(GW) – sandy, trace silt, fine to coarse grained, well graded				10.0
3.0			END OF HOLE AT 3.0 m.				12.0
4.0							14.0
							16.0
5.0							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

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COMPLETION DEPTH 3.0 m		COMPLETE 70/05/12
LOGGED BY RD JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1844.1, 450 m R of Highway	BOREHOLE No. 18441B21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6851850.00 E550280.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 21	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT – moss – frozen				0.0
			SILT(ML) – sandy, fine grained, non plastic, brown				2.0
1.0							4.0
2.0			– unfrozen				6.0
							8.0
3.0			END OF HOLE AT 3.0 m.				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 70/05/12
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1853.0, 250 m R of Highway	BOREHOLE No. 18530B12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6858515.00 E545040.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-015-II	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–moss covered, fibrous	PT
			ASH	
		1	PEAT–fine grained, fibrous	PT
1.0			SILT–trace of peat	ML
			– trace of gravel	PT
		2	PEAT–fine grained	
			SILT–trace of peat inclusions	ML
2.0		3		
			END OF BOREHOLE AT 2.2 m	
			Terminated at 2.2 m due to drill rig sliding down slope	
			NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.2 m	COMPLETE 81/05/15
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1852.4, 350 m R of Highway	BOREHOLE No. 18530B22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6857770.00 E545775.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-015-II	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–moss covered, fine grained, fibrous	PT
		1	ASH–trace of peat	
			PEAT–trace of woody pieces, little ash	PT
			ASH	
-1.0			SILT–trace to little peat, grey	OL
		2	GRAVEL–trace of silt and cobbles, occasional thin silt lense, little sand	GP-GW
-2.0				
		3		
			– some sand	
-3.0			SAND–and gravel, some silt, trace of cobbles	SM
		4	– trace of silt, occasional thin silt lense	
-4.0			GRAVEL–some silt and sand, little cobbles, fibrous organic inclusions, poorly graded	GM
		5	– trace of boulders	
-5.0			– trace of silt, little to some gravel	
			SAND–little gravel	SM
		6	– some silt, trace of iron staining, occasional peat inclusions and thin coarse grained sand lenses, fine grained	
-6.0				ML
		7	– and gravel, trace of cobbles and silt	PT
			– trace of iron staining, occasional peat inclusions, little silt, grey	SP-SM
-7.0				ML
			SILT–with occasional thin sand lenses	GP-GW
		8	PEAT–with some fine grained sand	SP
			SAND–some fine to coarse gravel, trace of silt, brown	
-8.0			SILT–some sand, trace of gravel, occasional fibrous peat inclusions, grey	GP-GW
		9		
-9.0			GRAVEL–trace of silt and cobbles, little sand	ML
		10	SAND–trace of silt, fine grained, brown	
			GRAVEL–trace of silt, little sand	
-10.0			SILT–and sand, fine grained, grey	
			SAND–and gravel, trace of cobbles and silt, occasional silt lenses	SP-SM
		11		
-11.0			END OF BOREHOLE AT 10.67 m	
			NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was	

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.7 m	COMPLETE 81/05/15
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1852.4, 350 m R of Highway	BOREHOLE No. 18530T23
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6858070.00 E545620.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-015-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT—moss covered, woody, amorphous granular, fibrous	PT
			ORGANIC SILT—and sand and gravel, wet, black	
1.0			– trace of sand and gravel, wet, dark brown	
2.0		2		OL
3.0				
			END OF TESTPIT AT 3.7 m NOTE: Water entering pit at 0.5 m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 3.7 m		COMPLETE 81/06/18
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1852.4, 350 m R of Highway	BOREHOLE No. 18530T24
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6857960.00 E545770.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-015-4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT—moss covered, roots and rootlets, woody, amorphous granular, fibrous	PT
		2	SAND—and silt, thinly interbedded sands and silts, brown	SM
1.0			GRAVEL—and sand, some cobbles, trace of silt and boulders, subangular to angular, poorly graded, damp, compact, medium brown	GP
2.0		3		
3.0		4	END OF TESTPIT AT 3.1 m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.1 m		COMPLETE 81/06/18
	LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1852.4, 350 m R of Highway	BOREHOLE No. 18530T25
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6858050.00 E545750.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-015-5	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–moss covered, roots and rootlets, woody fibrous, amorphous granular, moist to wet	PT
1.0			ASH–trace of rootlets, granular, light brown	
		2	GRAVEL–some sand and boulders, trace of silt, little cobbles, subangular to angular, poorly graded, damp to moist, light brown	GP
2.0			– gravel interbeds approximately 0.3m thick at 1.1m and 2.0m	
		3		
3.0				
			END OF TESTPIT AT 3.7 m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.7 m	COMPLETE 81/06/18
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1852.4, 350 m R of Highway	BOREHOLE No. 18530T26
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6858055.00 E545810.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-015-6	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT—moss covered, woody fibres, amorphous granular	PT
		2	ASH—coarse grained, light brown	
1.0		3	ORGANIC SILT—contains stratified ice approximately 10mm thick, dark brown	OL
2.0		4		
			END OF TESTPIT AT 2.4 m	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 2.4 m	COMPLETE 81/06/18
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1857.4	BOREHOLE No. 18574B27
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6860810.00 E543350.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-01-27	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT AND MOSS Vx,Vr 5–10% at 0.0 to 0.3 m	
		2	GRAVEL (GM) – sandy, some silt and organic silt, trace peat fragments, angular gravel clasts, very dark greyish brown (2.5Y 3/2)	
1.0		3		
		4		
			(ALLUVIAL)	
		5	Nf at 0.3 to 0.4 m	
2.0		6	VOLCANIC ASH – trace silt and peat	
		7	(EOLIAN)	
		8	Vx,Vc 50% at 0.7 to 1.0 m	GM
		9	GRAVEL,SAND,SILT AND PEAT (GM) – interbedded in 200 mm layers	
3.0		10	(ALLUVIAL)	
			Vx,Vc 20% at 1.0 to 1.3 m	
			Vc,Vx 50% at 1.3 to 1.4 m	
		11	Vx,Vs 20% at 1.4 to 1.6 m	
		12	Nbn at 1.6 to 1.8 m	
4.0		13	Vs,Vx 10–15% at 1.8 to 2.1 m	GP-GM
		14	Nbn at 2.1 to 2.3 m	
			Nbe at 2.3 to 2.4 m	
		15	Nbn at 2.4 to 3.1 m	
5.0			ORGANIC SILT (OL) – some sand, black (5Y 2.5/2)	
		16	(ORGANIC)	
			Nf at 3.0 to 3.9 m	
6.0		17	GRAVEL (GM) – sandy, some silt, trace organic, angular gravel clasts, very dark greyish brown (2.5Y 3/2), greyish brown (2.5Y 5/2)	
7.0			PEAT – black (5Y 2.5/2) Nbn at 3.9 to 4.0 m	
			GRAVEL (GP/GM) – some sand, some silt, angular clasts to 40 mm, dark olive grey (5Y 3/2)	
8.0			(ALLUVIAL)	
			V 10% at 4.0 to 4.7 m	
			V 5–10% at 4.7 to 5.2 m	
9.0			V trace at 5.2 to 5.4 m	
			V 10% at 5.4 to 6.8 m	
			END OF BOREHOLE AT 6.8 m	
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 6.8 m	COMPLETE 80/03/15
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1857.2, 200 m R of Highway	BOREHOLE No. 18574B31
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6861445.00 E543085.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3-014-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–coarse grained, fibrous	PT
			ASH	
			PEAT–woody inclusions, fine grained, fibrous	
-1.0		2		PT
		3		
		4	SAND–trace of silt and fine gravel, fine to medium grained, grey	SP
-2.0			PEAT–woody inclusions, fibrous	
		5	– thin silt lense, woody inclusions, fine grained	
		6		
		7	– trace of gravel	PT
-3.0				
		8		
		9	– trace of woody and fibrous inclusions	
-4.0		10		
			SAND–and gravel	SM
			PEAT–fibrous	
		11	– with interbedded silt lenses, trace of fibrous and woody inclusions	PT
-5.0		12		
		13	– occasional thin sand lenses	
		14	SAND–some silt and gravel, fine to coarse grained	SM
		15		
-6.0			SILT–some sand and gravel	
				ML
-7.0				
		16	SAND–some gravel, trace of cobbles, little to some silt	SM
-8.0				
-9.0			END OF BOREHOLE AT 8.6 m Refusal at 8.6 m due to boulder NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	
-10.0				
-11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 8.6 m	COMPLETE 81/05/16
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1857.2, 200 m R of Highway	BOREHOLE No. 18574B36
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6861575.00 E542800.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 79S-A6	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT	PT
		C1		
		C2	VOLCANIC ASH-peat, occasional silt inclusions, coarse sand sizes	VA
1.0		C3A		
		C3B	GRAVEL-clayey, some sand, little silt	
2.0		A4	- frequent cobbles, increasing coarseness	
3.0				
4.0				GM
5.0			- and fine sand, silty	
6.0				
7.0			END OF BOREHOLE AT 7.0 m Hole sloughing	
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

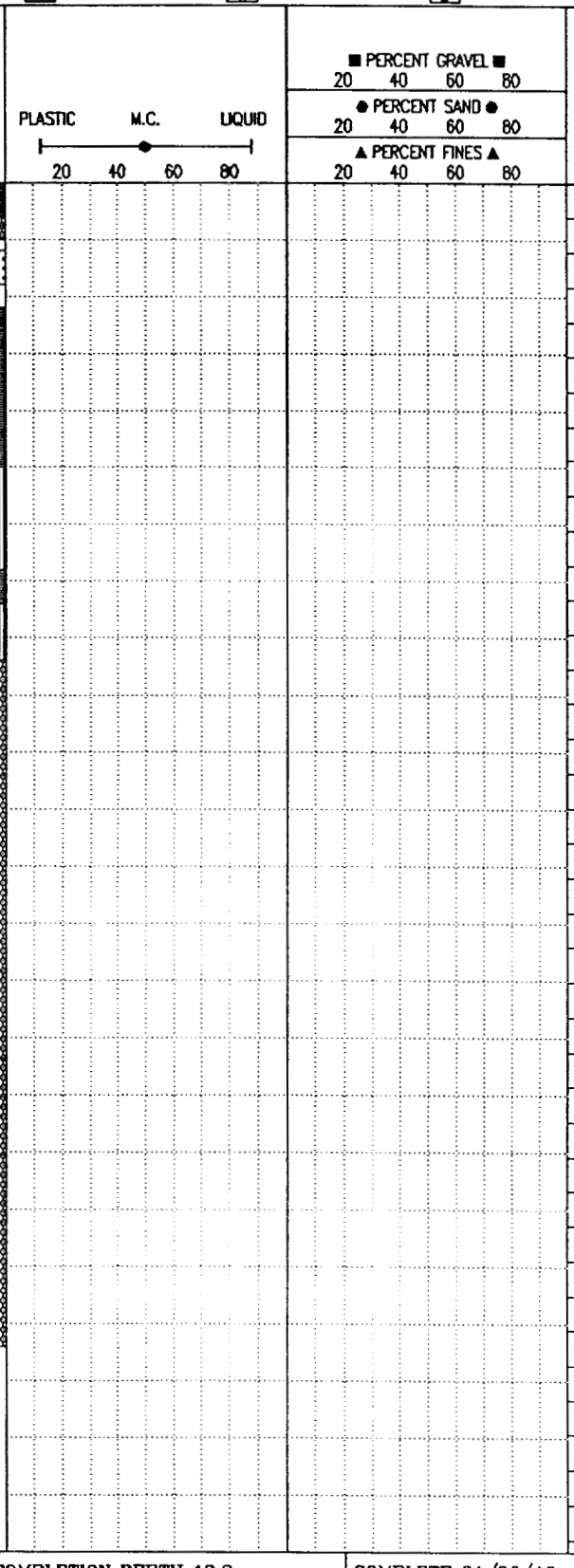
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COMPLETION DEPTH 7.0 m	COMPLETE 79/07/23
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1856.6, 500 m R of Highway	BOREHOLE No. 18574B41
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6680620.00 E543875.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 4-014-I	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–moss covered	PT
			GRAVEL–some silt, angular to subrounded, poorly graded, brown	GM
			ASH	OL
1.0			ORGANIC SILT–trace of gravel and fine sand	
			ASH	
		1	PEAT–some silt, dark brown	PT
2.0				
			SILT–trace of gravel and sand, grey	
3.0				ML
			PEAT–woody	PT
			SILT–trace of sand and gravel – thin organic interbed	ML
4.0		2		
			GRAVEL–and silt, trace of sand, angular to subangular, poorly graded	
5.0				
		3		
6.0				
7.0				GM
8.0				
		4		
9.0				
10.0				
			END OF BOREHOLE AT 10.2 m	
			NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	
11.0				



DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 10.2 m		COMPLETE 81/06/10
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1856.6, 500 m R of Highway	BOREHOLE No. 18574B42
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6680945.00 E543690.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 4-014-II	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–moss covered	PT
			ASH	
1.0			ORGANIC SILT–trace of clay, low plastic, dark brown	OL
2.0			GRAVEL–some sand and silt, angular, poorly graded, dark brown	
		1		
3.0			– and silt, angular, grey	
4.0				
				GM
5.0				
6.0				
7.0				
		2		
8.0			SILT–some gravel, trace of clay, angular, low plastic, grey	
9.0		3		ML
10.0			END OF BOREHOLE AT 9.9 m NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 9.9 m	COMPLETE 81/06/10
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1856.6, 500 m R of Highway	BOREHOLE No. 18574B43
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6681220.00 E543410.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 4-014-III	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–moss covered, woody, fibrous, brown	PT
		1	ASH–trace of silt	
			– trace of peat, fibrous	
			– little grael	
1.0		2	– some cobbles and boulders, angular	
			– some gravel, little peat	
		3	PEAT–and volcanic ash, little gravel	PT
2.0			ASH–trace of gravel and silt, little woody peat	
		4	GRAVEL–trace to little sand, trace of silt and cobbles, occasional silt lense, angular, poorly graded	
3.0			– sand and silt content increases to little, numerous cobbles	
		5		GP-GM
4.0				
		6		
5.0			PEAT–trace of fibrous, fine grained	PT
		7	– some cobbles	
			GRAVEL–little to some sand, some cobbles, trace of silt, occasional silt and sand lenses, poorly graded	
6.0				
		8	– little sand and silt, trace of iron staining	
7.0				
		9		
			– trace of boulders	GP-GM
8.0			– trace of sand and silt	
		10		
9.0				
			– and cobbles, some boulders, trace of sand, silt and iron staining	
		11		
10.0			END OF BOREHOLE AT 10.1 m	
			NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 10.1 m		COMPLETE 81/05/16
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1858.0, 250 m R of Highway	BOREHOLE No. 18574T20
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6862280.00 E542190.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER EXISTING PIT	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧸ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–organic, rootlets, fine fibrous, amorphous granular	PT
1.0			GRAVEL–trace of silt and cobbles, little sand, subrounded to angular, poorly graded, dark brown	GP
1.0		1		
2.0				GM
3.0		2	– and sand, trace of clay, little silt, olive grey	
4.0		3	END OF TESTPIT AT 4.0 m Existing gravel pit	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.0 m	COMPLETE 81/06/21
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1858.0, 250 m R of Highway	BOREHOLE No. 18574T22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6862320.00 E542275.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-014-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–woody, coarse fibrous, moist, dark brown	PT
		1	ASH–coarse grained, white	
1.0			SILT–trace of gravel, trace to little sand, stratified ice lenses up to 20mm thick, grey	ML
		2		
2.0			END OF TESTPIT AT 1.8 m Refusal at 1.8 m due to more firmly bonded permafrost	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 1.8 m		COMPLETE 81/06/21
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1857.2, 200 m R of Highway	BOREHOLE No. 18574T31
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6861650.00 E542815.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3-014-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–with moss cover, woody, amorphous	PT
		2	granular	
			ASH–granular, light brown	
1.0		3	ORGANIC SILT–some woody peat, dark brown	OL
		4	– little gravel, dark greyish green – some woody peat, dark brown	
2.0		5	COBBLES	
			END OF TESTPIT AT 2.1 m Refusal at 2.1 m due to cobbles and more firmly bonded permafrost	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.1 m	COMPLETE 81/06/19
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1857.2, 200 m R of Highway	BOREHOLE No. 18574T32
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6861385.00 E543070.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3-014-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT—moss covered, woody, fine and coarse fibres, amorphous granular, dark brown	PT
		2		
			ASH—granular, light brown	
1.0			ORGANIC SILT—with fibrous peat inclusions throughout, dark brown and dark grey	OL
		3		
			COBBLES—and boulders	
2.0			END OF TESTPIT AT 1.7 m Refusal at 1.7 due to boulders and more firmly bonded permafrost	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.7 m	COMPLETE 81/06/19
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1864.2, 120 m R of Highway	BOREHOLE No. 18650B02
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6865890.00 E536570.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 79S-C2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT AND ORGNAIC SILT–damp, dark brown	PT
		A1	ORGANIC SILT–dark brown	OL
		A2	GRAVEL–trace of silt, frequent cobbles, rounded, coarse, dry	
1.0				
2.0				GP
3.0				
4.0				
		A3	SAND–and clayey silt, gravel, little fine to coarse grained, damp	
5.0			– and gravel, frequent cobbles	
6.0		A4		SM
7.0				
			END OF BOREHOLE AT 7.5 m Refusal in boulder	
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 7.5 m	COMPLETE 79/07/23
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1865.0, 150 m R of Highway	BOREHOLE No. 18650B25
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6865910.00 E536520.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-01-25	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ROOT MAT	
		1	GRAVEL(GM) – silty, sandy, trace clay, clasts to 50 mm, greyish brown 2.5Y 5/2), light olive grey (5Y 6/2)	
1.0		2	Nbn	
			unfrozen at 1.2 m.	
		3	– sand lens, olive grey (5Y 5/2), olive (5Y 5/3)	
2.0				
		4	– rounded clasts to 35 mm	GM
		5	frozen at 2.4 m.	
3.0		6	(COLLUVIAL)	SM
			GRAVEL AND ORGANIC SILT(GM) – clasts to 20 mm, rounded	
4.0			SAND(SM) – gravelly, silty, light grey (5Y 7/2), olive grey (5Y 5/2) (COLLLUVIAL)	
			BEDROCK	
			END OF HOLE AT 3.65 m.	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 3.7 m	COMPLETE 80/03/25
LOGGED BY RJG JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1864.2, 120 m R of Highway	BOREHOLE No. 18650T31
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6866595.00 E535655.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3-013-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–leaf mold, roots and rootlets, trace of gravel	PT
			GRAVEL–some sand and boulders, little silt and cobbles, roots to 1.0 m, poorly graded, angular, compact, moist to wet, dark brown	GM
1.0				
		2		
2.0		3		
			END OF TESTPIT AT 2.4 m Refusal at 2.4 m due to large boulders	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.4 m	COMPLETE 81/06/20
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1865.8, 200 m R of Highway	BOREHOLE No. 18650T41
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6866355.00 E535910.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 4-013-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ☒ 75mm SPOON ☒ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–woody, coarse fibrous, moist, dark to light brown	PT
			SILT–trace of clay, gravel and cobbles, firm, dark brown	ML
1.0			END OF TESTPIT AT 1.2 m Refusal at 1.2 m due to more firmly bonded permafrost	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 1.2 m	COMPLETE 81/06/21
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1865.1, 300 m R of Highway	BOREHOLE No. 18650T52
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6867895.00 E536575.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 5-013-2	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC SAND-and silt, with peat cover, woody fibres, roots and rootlets, friable, dark brown	
1.0		1	GRAVEL-and silt, some cobbles, little sand and boulders, angular, poorly graded, compact, dry to damp, dark brown	GM
2.0		2	END OF TESTPIT AT 2.5 m Refusal at 2.5 m due to large boulders	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 2.5 m	COMPLETE 81/06/20
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1864.2, 120 m R of Highway	BOREHOLE No. 18650T61
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6865370.00 E537200.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 6-013-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–moss covered, woody, amorphous granular, dry to damp, dark brown	PT
1.0		2	GRAVEL–some silt, little cobbles and sand, subrounded to angular, poorly graded, compact, dark grey	GM
2.0		3	END OF TESTPIT AT 2.1 m Refusal at 2.1 m due to more firmly bonded permafrost	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 2.1 m	COMPLETE 81/06/19	
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1868.9, 200 m R of Highway	BOREHOLE No. 18689T13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6868170.00 E533410.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-013-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–woody, rootlets, coarse fibrous, moist, dark brown	PT
1.0		1	SILT–some gravel, trace of cobbles, little sand, poorly graded, dark brown	ML
			END OF TESTPIT AT 1.3 m Refusal at 1.3 m due to more firmly bonded permafrost	

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

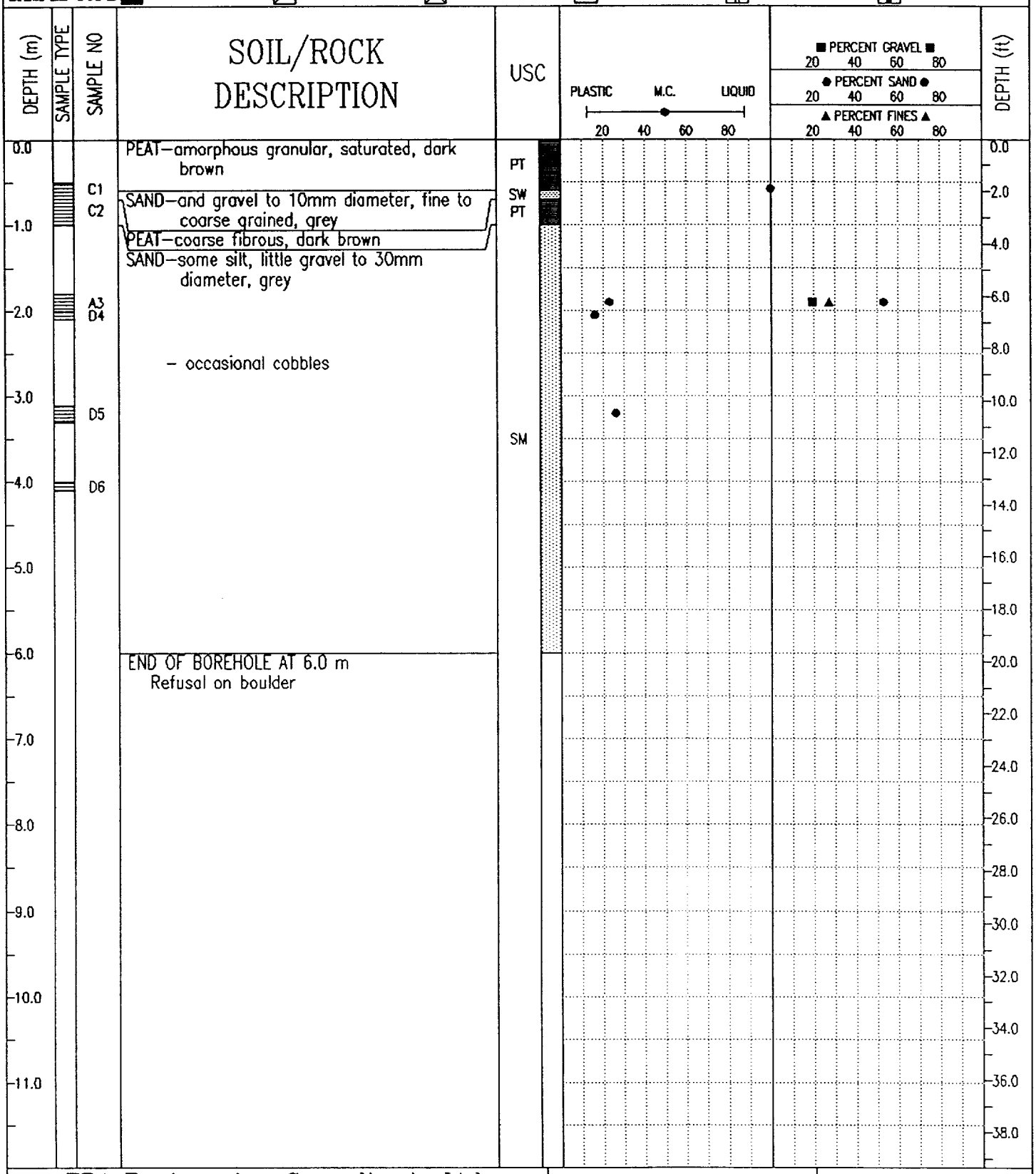
DEPTH (m): 0.0, 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0

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COMPLETION DEPTH 1.3 m		COMPLETE 81/06/21
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1870.4, 700 m R of Highway	BOREHOLE No. 18713BC1
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6869050.00 E532400.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 79S-C1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m	COMPLETE 79/07/21
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1871.7, 600 m R of Highway	BOREHOLE No. 18713T11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6870400.00 E531815.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-012-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0	▤	1	ORGANIC SILT–and sand, trace of gravel, roots and rootlets, leaf mold, moist, dark brown black	OL
1.0			GRAVEL–and sand, some silt and cobbles, few boulders, roots and rootlets to 0.8 m, angular, moderately well graded, moist, compact, dark grey – woody peat inclusions	GM
2.0	▤	2		
3.0	▤	3	END OF TESTPIT AT 3.4 m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 3.4 m		COMPLETE 81/06/20
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1871.7, 600 m R of Highway	BOREHOLE No. 18713T12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6870340.00 E531805.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-012-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–leaf mold cover, woody fine fibrous, moist, brown and black	PT
1.0		2	GRAVEL–and sand, some silt, little cobbles and boulders, angular, moderately well graded, compact, dark grey	
2.0		3	– occasional peat inclusions, thin sand interbeds between 1.8m and 2.0 m, medium brown	GM
		4		
3.0			END OF TESTPIT AT 3.1 m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.1 m	COMPLETE 81/06/20
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1871.7, 600 m R of Highway	BOREHOLE No. 18713T13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6870270.00 E531795.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-012-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–woody, occasional roots and rootlets, fibrous, moist, brown and black	PT
1.0		2	GRAVEL–some sand and cobbles, trace of silt and boulders, rootlets to 1.2 m, 2 pieces of partially decomposed tree trunk visible in soil profile, pooly graded, angular, damp, dark greyish brown	GP-GM
2.0				
3.0		3	END OF TESPIT AT 3.1 m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 3.1 m		COMPLETE 81/06/21
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1871.7, 600 m R of Highway	BOREHOLE No. 18713T14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6870180.00 E531785.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1-012-4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	ORGANIC SILT–and sand, roots and rootlets, leaf mold, moist, dark brown and black	OL
1.0		2	SAND–some silt, peat inclusions, fine grained, dark grey – silt laminated between 1.1 and 1.4m	SM
2.0			– some silt, gravel and cobbles, little boulders, angular, poorly graded, moist, dark grey	
3.0		3	END OF TESTPIT AT 3.0 m Refusal at 3.0 m due to large boulders	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 3.0 m	COMPLETE 81/06/20
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1870.4, 200 m R of Highway	BOREHOLE No. 18713T21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6868705.00 E532825.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-012-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT—woody, amorphous, moist, dark brown	PT
		1	SAND—some gravel, trace of boulders and clay, little silt, ice lenses up to 30mm thick, dark brown	SP-SM
1.0			END OF TESTPIT AT 1.2 m Refusal at 1.2 m due to boulders and more firmly bonded permafrost	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 1.2 m | COMPLETE 81/06/21

LOGGED BY JDM | DWG NO. | Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1870.4, 200 m R of Highway	BOREHOLE No. 18713T22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6869170.00 E532555.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-012-2	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT–woody, amorphous fibrous, wet, dark brown	PT
			SAND–and silt, trace of clay and organics, little gravel, interbedded sand and silt, poorly graded, light brown becoming dark brown with depth	SM
1.0			SILT–trace of clay and organics, occasional wood fragments, dark brown	ML
2.0			END OF TESTPIT AT 1.5 m Refusal at 1.5 m due to more firmly bonded permafrost	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 1.5 m		COMPLETE 81/06/23
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1870.4, 200 m R of Highway	BOREHOLE No. 18713T23
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6869230.00 E532365.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-012-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–woody, amorphous, wet, dark brown	PT
			SILT–trace of clay, dark brown	ML
1.0		1	GRAVEL–some sand, trace of cobbles and boulders, little silt, moderately well graded, subangular, grey	GM–GP
2.0			END OF TESTPIT AT 2.0 m Seepage of water from the surface was occurring during the excavation of the testpit.	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.0 m	COMPLETE 81/06/23
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1870.4, 200 m R of Highway	BOREHOLE No. 18713T24
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6869330.00 E532190.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-012-4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–woody, rootlets, wet, dark brown	PT
			SILT–trace of clay and woody organics, dark brown	ML
1.0		1	GRAVEL–and sand, angular to rounded, moderately well graded, compact to loose, grey brown	SM-GW
2.0			END OF TESTPIT AT 1.0 m Water seepage from the Peat/Silt contact. Testpit sloughed.	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 1.0 m	COMPLETE 81/06/23
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1870.4, 200 m R of Highway	BOREHOLE No. 18713T25
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6869500.00 E532180.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-012-5	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID 20 40 60 80	■ PERCENT GRAVEL ■ 20 40 60 80 ● PERCENT SAND ● 20 40 60 80 ▲ PERCENT FINES ▲ 20 40 60 80	DEPTH (ft)
0.0			PEAT–woody, coarse fibrous, amorphous, wet, dark brown	PT			0.0
			ORGANIC SILT–woody, dark brown	OL			2.0
1.0		1	GRAVEL–and sand, some silt, trace of clay, cobbles and boulders, rounded to subangular, moderately well graded, compact, light brown	GM	●	▲ ● ■	4.0
		2					6.0
2.0			END OF TESTPIT AT 1.2 m Refusal at 1.2 m due to more firmly bonded permafrost				8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.2 m	COMPLETE 81/06/23
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1870.4, 200 m R of Highway	BOREHOLE No. 18713T26
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6869735.00 E531970.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-012-6	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–rootlets, woody amorphous, dark brown	PT
			SILT–trace of clay and woody organics, dark brown	ML
1.0		1	GRAVEL–some sand, trace of cobbles and boulders, little sand, rounded to subangular, moderately well graded, dark grey	GM
		2		
2.0			END OF TESTPIT AT 1.2 m Refusal due to more firmly bonded permafrost	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.2 m	COMPLETE 81/06/23
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B01
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871240.00 E523765.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-01	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			WELL-GRADED GRAVEL WITH SAND (GW) -maximum 75mm material -very coarse grindy drilling	
1.0		60		GW
2.0			POORLY GRADED GRAVEL WITH SAND (GP) -brown -damp	
		61	-very coarse grindy drilling	GP
3.0				
4.0			POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -wet	
		62	-very coarse grindy drilling	GP-GM
			END HOLE at 4.4m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/08/26
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B02
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871235.00 E523750.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-02	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			POORLY GRADED GRAVEL WITH SAND (GP) -damp -maximum 75mm material -coarse grindy drilling	
1.0	▤	63		GP
2.0			END HOLE at 2.3m -refusal	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.3 m	COMPLETE 88/08/26
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B03
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871220.00 E523755.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-03	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			POORLY GRADED GRAVEL WITH SAND (GP) -damp -maximum 75mm material -rough grindy drilling	
1.0	▤	64		GP
			-much rougher drilling	
2.0			POORLY GRADED GRAVEL (GP) -damp -maximum 100mm material	
	▤	65		GP
3.0				
			-sample lost -indications of finer wetter material	
4.0			END HOLE at 4.4m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/08/26
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B04
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871225.00 E523730.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-04	ELEVATION 0.00 (m)

SAMPLE TYPE: ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SANDY SILT	
1.0			WELL-GRADED GRAVEL WITH SAND (GW) -rough drilling	
		66		GW
2.0			POORLY GRADED GRAVEL WITH SILT (GP-GM) -maximum 50mm material	
		67		GP-GM
3.0				
4.0			POORLY GRADED GRAVEL WITH SAND (GP) -maximum 50mm material	
		68		GP
5.0				
		69		GP
6.0			END HOLE at 5.8m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 5.8 m		COMPLETE 88/08/26
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B05
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871225.00 E523715.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-05	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			WELL TO POORLY GRADED GRAVEL WITH SAND (GW to GP)				0.0
			-maximum 50mm material				
1.0							2.0
		70		GW			4.0
2.0							6.0
		71		GW			8.0
3.0							10.0
							12.0
4.0		72		GP			14.0
			END HOLE at 4.4m				
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/08/26
	LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B06
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871235.00 E523695.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-06	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC SILT	
			SAND	
1.0			POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM)	GP-GM
	▤	73	-damp	
			-grindy drilling	
2.0			SILTY GRAVEL (GM)	
			-damp	
	▤	74	-maximum 75mm material	GM
3.0				
			POORLY TO WELL GRADED GRAVEL WITH SAND (GP to GW)	
4.0			-maximum 100mm material	
	▤	75		GP
5.0				
	▤	76		GW
6.0			END HOLE at 5.8m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 5.8 m		COMPLETE 88/08/26
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B07
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871240.00 E523675.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-07	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			POORLY GRADED GRAVEL WITH SAND (GP) -maximum 50mm material -grindy drilling	
1.0		77		GP
2.0		78		GP
3.0			SILTY GRAVEL WITH SAND (GM)	
4.0		79		GM
			END HOLE at 4.4m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.4 m		COMPLETE 88/08/29
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B08
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871230.00 E523650.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-08	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			WELL-GRADED GRAVEL WITH SAND (GW) -rough grindy drilling	
1.0	▤	79		GW
2.0			POORLY GRADED GRAVEL WITH SAND (GP) -maximum 50mm material	
3.0	▤	80		GP
4.0				
5.0	▤	81		GP
			POORLY GRADED GRAVEL (GP) -maximum 50mm material -rough grindy drilling	
6.0	▤	82		GP
			END HOLE at 5.8m	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.8 m	COMPLETE 88/08/29
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B09
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871255.00 E523635.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-09	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			POORLY TO WELL-GRADED GRAVEL WITH SAND (GP to GW) -maximum 50mm material -rough grindy drilling	
1.0		83		GP
2.0				
3.0		84		GW
4.0		85		GW
5.0			END HOLE at 4.4m -gravel exposed on surface	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.4 m		COMPLETE 88/08/29
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B10
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871260.00 E523605.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-10	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			POORLY GRADED GRAVEL WITH SAND (GP) -maximum 50mm material -rough grindy drilling				0.0
1.0							2.0
		86		GP			4.0
2.0							6.0
		87					8.0
3.0							10.0
4.0							12.0
		88		GP			14.0
5.0							16.0
		89		GP			18.0
6.0			END HOLE at 5.8m				20.0
7.0							22.0
							24.0
8.0							26.0
9.0							28.0
							30.0
10.0							32.0
							34.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.8 m	COMPLETE 88/08/29
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871270.00 E523580.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-11	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SILTY SAND	
			WELL TO POORLY GRADED GRAVEL WITH SAND (GW TO GP) -maximum 50mm material -grindy drilling	
1.0	▤	90		GW
2.0				
	▤	91		GP
3.0				
4.0				
	▤	92		GW
			END HOLE at 4.4m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.4 m	COMPLETE 88/08/29
LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871280.00 E523560.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-12	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ☒ 75mm SPOON ☒ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILTY SAND -brown -moist				0.0
1.0	▤	93	POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -grindy drilling	GP-GM	●	▲ ● ■	4.0
2.0							6.0
	▤	94			●		8.0
3.0							10.0
4.0							12.0
	▤	95			●		14.0
			END HOLE at 4.4m				
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/08/29
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871285.00 E523540.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-13	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILTY SAND				0.0
1.0	▤	96	POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -maximum 75mm material -very grindy drilling	GP-GM	●	▲ ● ■	4.0
2.0			POORLY GRADED SAND WITH GRAVEL (SP) -very grindy drilling				6.0
	▤	97		SP	●	▲ ■ ●	8.0
3.0							10.0
			WELL-GRADED GRAVEL WITH SAND (GW) -very grindy drilling				12.0
4.0	▤	98		GW	●	▲ ● ■	14.0
			END HOLE at 4.4m				
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/08/29
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871275.00 E523505.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-14	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SILTY SAND	
1.0		99	POORLY GRADED GRAVEL WITH SAND (GP) -grindy drilling	GP
2.0			POORLY GRADED GRAVEL (GP) -maximum 50mm material -very grindy rough drilling	
3.0		100		GP
4.0			WELL-GRADED GRAVEL WITH SAND (GW)	
		101		GW
			END HOLE at 4.4m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 4.4 m		COMPLETE 88/08/29
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B15
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871285.00 E523495.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-15	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			POORLY GRADED GRAVEL (GP)	
			-maximum 75mm material	
			-rough grindy drilling	
1.0		102		GP
2.0			POORLY GRADED GRAVEL WITH SAND (GP)	
			-maximum 75mm material	
		103		GP
3.0			-very jumpy grindy drilling	
4.0		104		GP
			END HOLE at 4.4m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/08/29
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B16
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871280.00 E523465.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-16	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			POORLY GRADED GRAVEL WITH SAND (GP) –maximum 50mm material –rough grindy jumpy drilling	
1.0	▤	105		GP
2.0				
3.0	▤	106		GP
4.0				
	▤	107		GP
			END HOLE at 4.4m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/08/29
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B17
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871305.00 E523480.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-17	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			WELL-GRADED GRAVEL WITH SAND (GW) -grindy drilling	
1.0				
		108		GW
2.0			POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -grindy drilling	
		109		GP-GM
3.0				
4.0				
		110		GP-GM
			END HOLE at 4.4m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.4 m	COMPLETE 88/08/29
LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B18
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871300.00 E523520.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-18	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MATERIAL	
			SANDY SILT (ML) -saturated	
1.0		111		ML
2.0		112		GP-GM
			POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -grindy drilling	
3.0				
4.0		113		GP-GM
			END HOLE at 4.4m -thick spruce cover	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

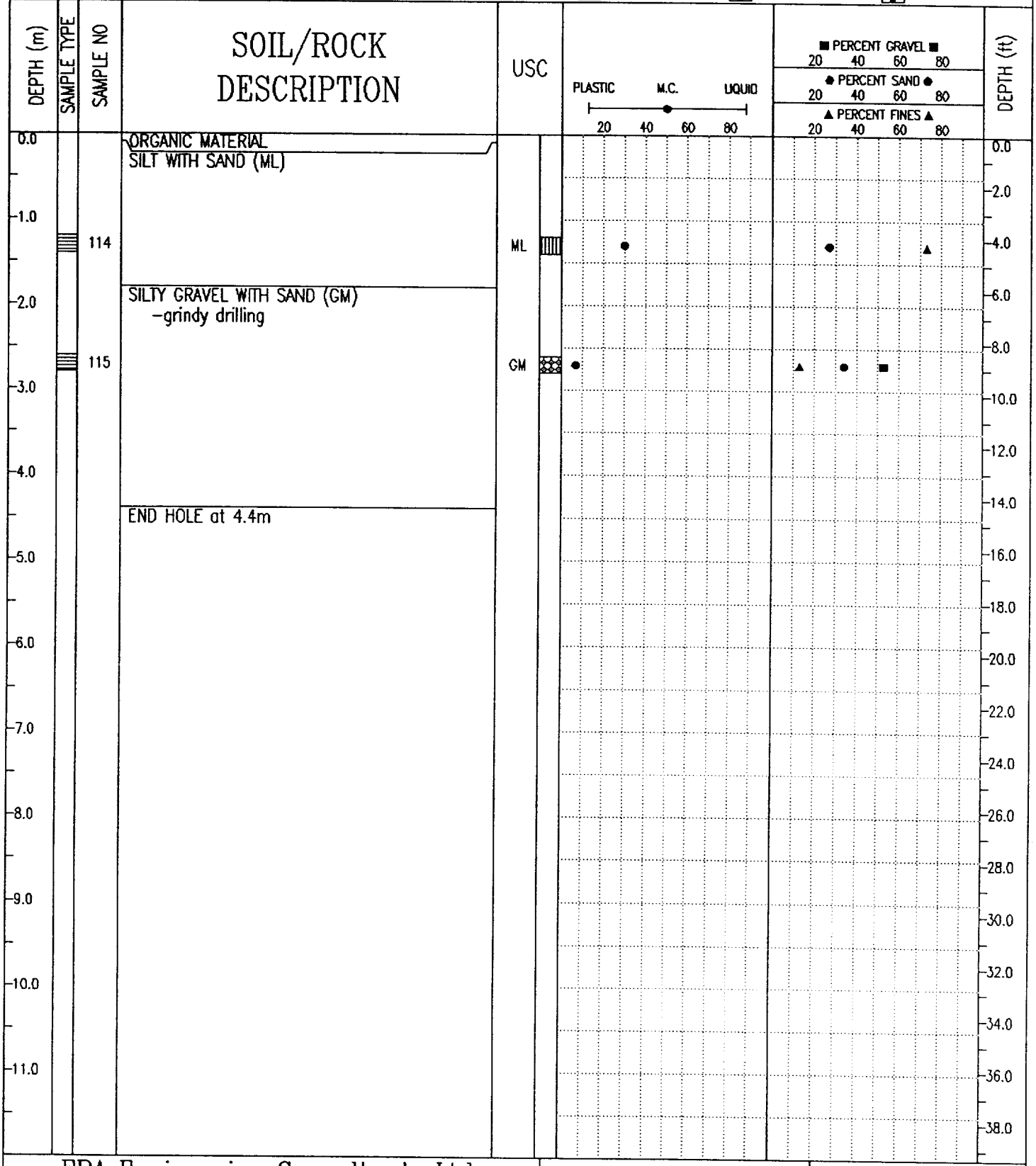
■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/08/29
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B19
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871265.00 E523490.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-19	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/08/29
	LOGGED BY DT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B20
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871250.00 E523550.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-20	ELEVATION 0.00 (m)

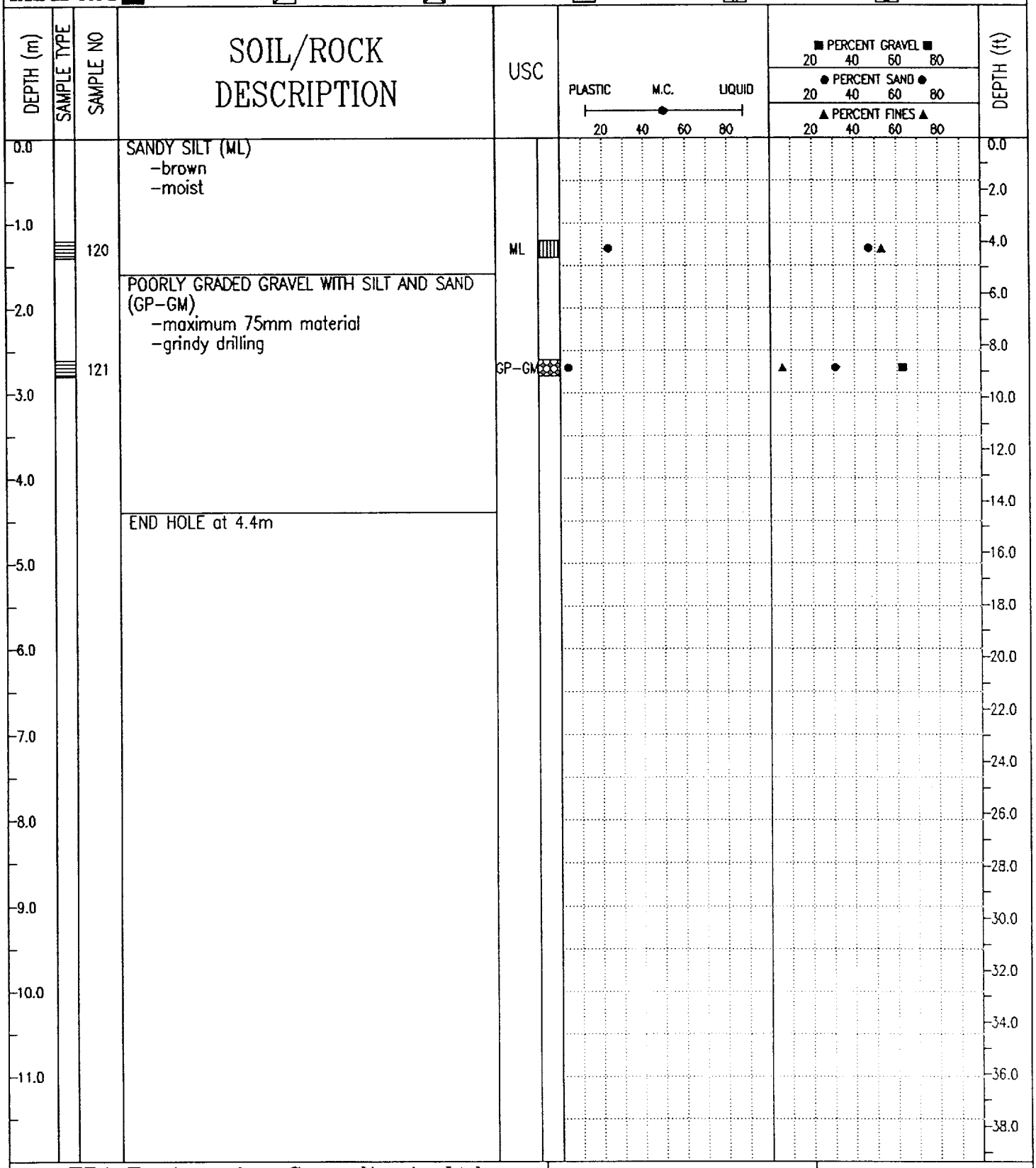
SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC MATERIAL				0.0
			VERY SILTY SAND -brown -moist				2.0
1.0			WELL-GRADED GRAVEL WITH SILT AND SAND (GW-GM)				4.0
		116	-maximum 25mm material -grindy drilling	GW-GM	● ▲ ■		6.0
2.0			POORLY GRADED GRAVEL (GP) -maximum 50mm material				8.0
		117		GP	● ▲ ■		10.0
3.0							12.0
			WELL-GRADED GRAVEL WITH SAND (GW) -maximum 75mm material -rougher grindy drilling				14.0
4.0		118		GW	● ▲ ■		16.0
5.0							18.0
		119		GW	● ▲ ■		20.0
6.0			END HOLE at 5.8m				22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.8 m	COMPLETE 88/08/30
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871230.00 E523540.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-21	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/08/30
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871210.00 E523545.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-22	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT (ML) -brown -saturated				0.0
1.0		122		ML	●	● ▲	4.0
			WELL-GRADED GRAVEL WITH SILT AND SAND (GW-GM) -maximum 50mm material augered up -coarser material encountered but not recovered				
2.0		123		GW-GM	●	▲ ● ■	8.0
3.0							10.0
4.0		124		GW-GM	●	▲ ● ■	14.0
			END HOLE at 4.4m -spruce, poplar, and cottonwood cover				
5.0							16.0
6.0							20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
10.0							32.0
							34.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/08/30
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B23
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871180.00 E523555.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-23	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SANDY SILT (ML) -brown -moist	
1.0	▤	125		ML
2.0			POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -maximum 50mm material augered up -grindy drilling	
	▤	126	-coarser gravel encountered but not recovered	GP-GM
3.0			SILTY GRAVEL WITH SAND (GM)	
4.0	▤	127		GM
			END HOLE at 4.4m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ — 20 40 60 80

● PERCENT SAND ● — 20 40 60 80

▲ PERCENT FINES ▲ — 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.4 m		COMPLETE 88/08/30
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B24
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871195.00 E523580.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-24	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILTY SAND -brown -moist				0.0
1.0	▯	128	SILT WITH SAND (ML) -brown -moist -grindy drilling	ML	●	■ ● ▲	4.0
2.0			SILTY GRAVEL WITH SAND (GM) -wet -maximum 75mm material				6.0
3.0	▯	129	-grindy drilling	GM	●	● ■	8.0
4.0							10.0
	▯	130		GM	●	▲ ● ■	14.0
5.0			END HOLE at 4.4m				16.0
6.0							20.0
7.0							22.0
8.0							26.0
9.0							30.0
10.0							32.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/08/30
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B25
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871195.00 E523600.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-25	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SILTY SAND	
			POORLY GRADED GRAVEL WITH SAND (GP)	
1.0	▤	131		GP
2.0			POORLY GRADED GRAVEL (GP)	
	▤	132		GP
3.0				
			POORLY GRADED GRAVEL WITH SAND (GP)	
4.0	▤	133		GP
			END HOLE at 4.4m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/08/30
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B26
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871255.00 E523670.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-26	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SILTY SAND	
1.0		134	POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -maximum 50mm material -grindy drilling	GP-GM
2.0		135	-gravels to 125mm observed but not recovered	GP-GM
3.0				
4.0		136		GP-GM
			END HOLE at 4.4m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 4.4 m		COMPLETE 88/08/30
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B27
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871280.00 E523680.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-27	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC SANDY SILT				0.0
1.0	▤	137	POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) -may be contaminated by silt above -maximum 50mm material -grindy drilling	GP-GM	●	▲ ● ■	4.0
2.0							6.0
	▤	138	-jumpy tough grindy drilling	GP-GM	●	▲ ● ■	8.0
3.0			WELL-GRADED GRAVEL WITH SILT AND SAND (GW-GM) -coarser gravels not recovered				10.0
4.0							12.0
	▤	139		GW-GM	●	▲ ● ■	14.0
			END HOLE at 4.4m				16.0
5.0							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m		COMPLETE 88/08/30
	LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B28
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871185.00 E523680.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-28	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILTY SAND (SM) –brown –wet				0.0
1.0	▤	140		SM	●	▲ ●	4.0
2.0							6.0
							8.0
3.0			END HOLE at 3.0m				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m | COMPLETE 88/08/30

LOGGED BY DT JDM | DWG NO. | Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B29
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871185.00 E523665.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-29	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			POORLY GRADED GRAVEL WITH SAND (GP) -maximum 75mm material augered up -jumpy rough drilling	
1.0		141		GP
2.0			WELL-GRADED GRAVEL (GW) -maximum 50mm material augered up	
		142		GW
3.0			POORLY GRADED GRAVEL WITH SAND (GP) -maximum 100mm material augered up	
4.0		143		GP
5.0			-wet -slightly smoother drilling	
		144		GP
6.0			END HOLE at 5.8m -coarser gravels encountered but not recovered from 0.0m to 5.8m -exposed gravel on surface	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 5.8 m		COMPLETE 88/08/31
LOGGED BY DT JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B30
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871185.00 E523645.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-30	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			WELL-GRADED GRAVEL WITH SAND (GW) -maximum 75mm material -jumpy grindy drilling	
1.0		145		GW
2.0			POORLY GRADED GRAVEL (GP) -maximum 75mm material	
		146		GP
3.0				
			POORLY GRADED GRAVEL WITH SAND (GP) -maximum 75mm material	
4.0		147		GP
			END HOLE at 4.4m -larger gravels encountered but not recovered from 0.0m to 4.4m -surface gravel maximum 125mm	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/08/31
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0; 200m R of highway	BOREHOLE No. 18790B31
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871190.00 E523625.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 018-31	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ☒ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

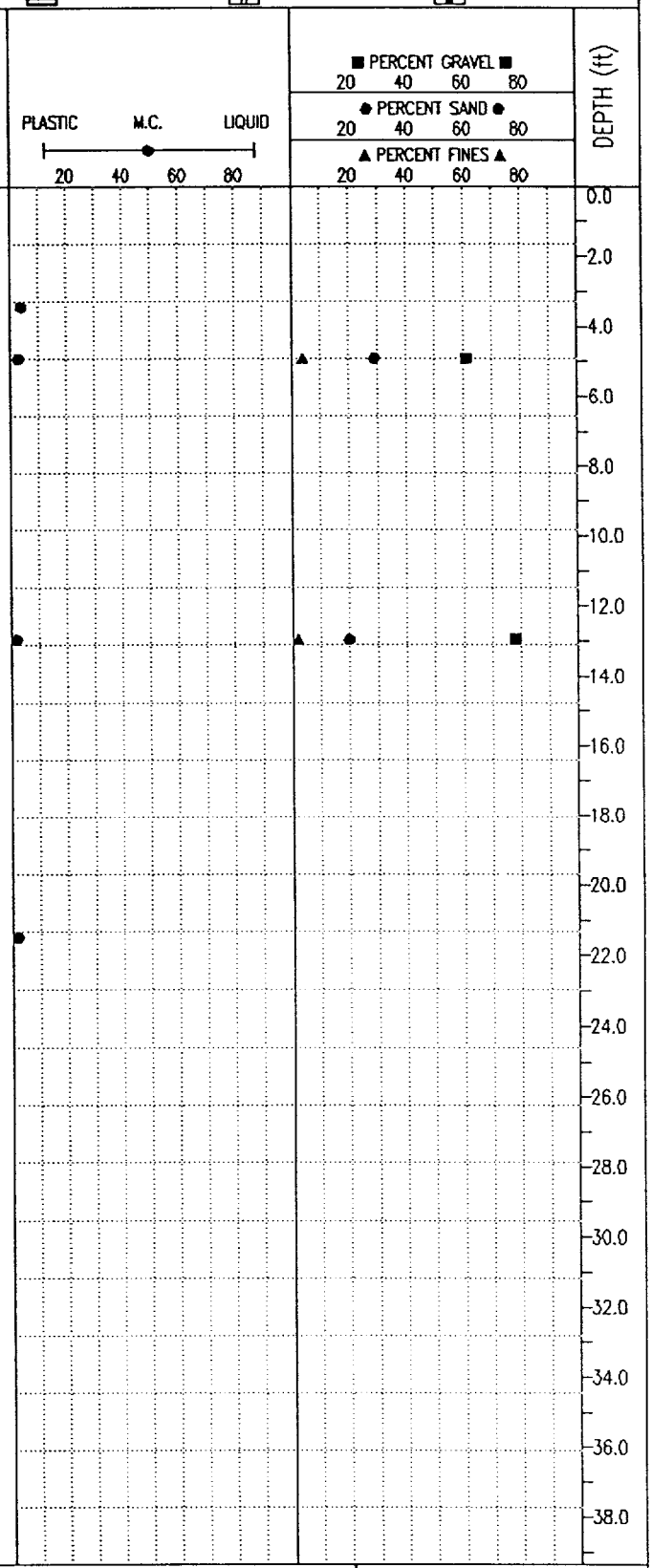
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVELY SAND				0.0
			SAND				
1.0			POORLY GRADED GRAVEL WITH SAND (GP)				2.0
		148	-maximum 75mm material augered up	GP			4.0
			-larger material encountered but not recovered				
2.0			-jumpy grindy drilling				6.0
		149		GP			8.0
3.0							10.0
4.0							12.0
		150		GP			14.0
			END HOLE at 4.4m				
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.4 m	COMPLETE 88/08/31
	LOGGED BY DT JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1879.0, 300 m R of Highway	BOREHOLE No. 18790BP2
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6872850.00 E526500.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-7P2-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT	
			SAND(SM) – fine to medium grained, little gravel, rounded to 30 mm, silt lens	
1.0		1	GRAVEL(GW) – some medium to coarse grained sand, sub-angular to rounded gravel to 70 mm	
		2		
2.0			– cobbles	
			– trace of clay	
3.0				
4.0		3	GRAVEL(GP) – little sand, trace silt, poorly graded	
5.0				
6.0				
		4		
7.0				
			END OF HOLE AT 7.5 m.	
8.0				
9.0				
10.0				
11.0				



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 7.5 m	COMPLETE 80/10/12
	LOGGED BY BP JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1878.0, 400 m R of Highway	BOREHOLE No. 18790T21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6872245.00 E524960.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TESTPIT NUMBER 2-011-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT – moss covered, roots and rootlets, woody, fibrous, moist, dark brown				0.0
1.0	▤	1	GRAVEL AND SILT(GM) – some sand, woody inclusions, poorly graded, interbedded lenses of sand and gravel, dry, medium grey Vs7%–8%	GM	●	■ ●	4.0
2.0	▤	2			●		8.0
			END OF TESTPIT AT 2.3m. (Refusal at 2.3m. due to more firmly bonded permafrost)				
3.0							10.0
4.0							14.0
5.0							16.0
6.0							20.0
7.0							24.0
8.0							26.0
9.0							30.0
10.0							32.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.3 m	COMPLETE 81/06/21
	LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1878.0, 400 m R of Highway	BOREHOLE No. 18790T22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6872270.00 E525240.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TESTPIT NUMBER 2-011-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT(PT) – moss covered, roots and rootlets, woody, fibrous, moist dark brown	
1.0	▤	1	SAND AND SILT(SM/ML) – laminated, mottled very moist, brownish grey Vs8%	
2.0	▤	2	GRAVEL(GW) – sandy, trace of silt, subangular to subrounded, moist, becoming dryer with depth, medium brown Nbn	GW
3.0			END OF TESTPIT AT 2.0m. (Refusal due to more firmly rounded permafrost)	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ — 20 40 60 80

● PERCENT SAND ● — 20 40 60 80

▲ PERCENT FINES ▲ — 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.0 m	COMPLETE 81/06/23
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1878.0, 400 m R of Highway	BOREHOLE No. 18790T23
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6872275.00 E525240.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TESTPIT NUMBER 2-011-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT(PT) – roots and rootlets, wet, black/brown	
		1	SILT AND SAND(ML/SM) – rootlets, laminated hard, iron stained	
1.0			Nbn	
			GRAVEL(GW) – sandy, trace of silt, trace of cobbles, subangular to subrounded moist, becoming wet near the base of testpit, compact, medium brown and grey	GW
2.0		2	Nf	
			UNFROZEN	
3.0		3		
4.0			END OF TESTPIT AT 4.3m.	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.3 m	COMPLETE 81/06/22
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1878.0, 400 m R of Highway	BOREHOLE No. 18790T24
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6872130.00 E524970.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TESTPIT NUMBER 2-011-4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT(PT) – silty, roots and rootlets, moist, brown	
			GRAVEL(GP) – sandy, trace of silt, trace of cobbles, sand laminations, subangular to subrounded, compact, medium brown and grey	
1.0			Vx3%	
2.0		2		GP
3.0				
		3		
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.9 m	COMPLETE 81/06/23
	LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1878.0, 400 m R of Highway	BOREHOLE No. 18790T25
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871965.00 E525240.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TESTPIT NUMBER 2-011-5	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT(PT) – moss covered, roots and rootlets, woody, fibrous, moist, black/brown				0.0
		1					
1.0			SAND AND SILT(SM/ML) – laminated, occasional rootlets, moist, compact light brown Vx10%-12%				4.0
		2	GRAVEL(GP) – sandy, trace of silt, trace of cobbles, subrounded to subangular moist, becoming somewhat dryer with depth, light brownish grey	GP			6.0
2.0		3					
			END OF TESTPIT AT 2.3m. (refusal due to more firmly bonded permafrost)				8.0
3.0							10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
11.0							36.0
							38.0

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Whitehorse, Yukon

COMPLETION DEPTH 2.3 m	COMPLETE 81/06/23
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1878.0, 400 m R of Highway	BOREHOLE No. 18790T26
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6871855.00 E525475.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL TESTPIT NUMBER 2-011-6	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT(PT) – organic, moss covered, woody fibrous, moist, dark brown	
		1	SAND AND SILT(SM/ML) – laminated, occasional roots and rootlets, moist compact, light brown	
1.0			GRAVEL(GP/GM) – some sand, trace of silt, trace of cobbles, sand and silt laminations, subrounded to subangular, compact, light brownish grey	GP-GM
2.0		2	Vx5%	
		3		
3.0				
			END OF TESTPIT AT 3.8m.	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.8 m	COMPLETE 81/06/23
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1878.0, 400 m R of Highway	BOREHOLE No. 18790T32
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6872915.00 E525880.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3A-011-2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	ORGANIC SAND–moss covered, roots and rootlets, moist, brown	
			SAND–and silt, trace of clay, rootlets to 1.1 m, moist, light brown	SM
1.0		2		
			GRAVEL–some sand, trace of cobbles and silt, subrounded to subangular, well graded, damp, compact, medium brown	
2.0				GW
		3		
3.0				
			END OF TESTPIT AT 3.7 m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.7 m		COMPLETE 81/06/21
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1878.0, 400 m R of Highway	BOREHOLE No. 18790T33
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6872960.00 E526290.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3A-011-3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	ORGANIC SAND–roots and rootlets, thin moss covering, moist, brown	
			GRAVEL–some sand, trace of cobbles and silt, subrounded to subangular, well graded, compact, moist to 1.5 m, medium dense to 1.5 m, medium brown	GW
1.0				
		2		
2.0				
		3		
3.0				
			END OF TESTPIT AT 3.7 m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.7 m	COMPLETE 81/06/21
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1878.0, 400 m R of Highway	BOREHOLE No. 18790T34
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6872815.00 E526585.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3A-011-4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	ORGANIC SAND-and silt, mass covered, roots and rootlets, moist, medium brown	
1.0			GRAVEL-some sand, trace of cobbles and silt, thin sand interbeds above 1.5 m, subrounded to subangular, poorly graded, compact, moist, medium brown	GP
2.0		2		
3.0		3		
4.0			END OF TESTPIT AT 3.6 m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 3.6 m		COMPLETE 81/06/21
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1878.0, 400 m R of Highway	BOREHOLE No. 18790T35
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6872510.00 E526310.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3A-011-5	ELEVATION 0.00 (m)

SAMPLE TYPE: ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–roots and rootlets, moist, dark brown	PT
		1	SILT–some sand, trace of clay and iron staining, occasional sand laminations, cohesive, moist, medium brown	ML
1.0				
2.0		2	GRAVEL–some sand, trace of cobbles and silt, subrounded to subangular, poorly graded, compact, very moist, medium brown	GP
3.0				
4.0		3		
			END OF TESTPIT AT 4.2 m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.2 m	COMPLETE 81/06/22
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1878.0, 400 m R of Highway	BOREHOLE No. 18790T36
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6872550.00 E526490.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3A-011-6	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	ORGANIC SILT–moss covered, rootlets, moist, dark brown	OL
			SILT–trace of sand, wet, light brown	ML
1.0			GRAVEL–some sand, trace of cobbles and silt, subrounded to subangular, poorly graded, compact, dark brownish grey	
			– moist below 1.5 m	
2.0			– thin silt interbed	GP
		2		
3.0		3		
4.0			END OF TESTPIT AT 4.2 m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft) 0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 4.2 m	COMPLETE 81/06/21
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1882.5, 250 m L of Highway	BOREHOLE No. 18825B18
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6874210.00 E522040.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-01-18	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			MOSS AND ROOTMAT	
		1	ORGANIC SILT(OL) – some peat, some sand, fine grained, very dark greyish brown (10YR 3/2)	
1.0		2	Nbn	
		3	SILT AND ORGANIC SILT(ML) Vs+Vc+Vr5%–10%	
		4	PEAT AND WOOD FRAGMENTS Vc+Vx15%–20%	
2.0			ORGANIC SILT AND SAND(OL) – some peat,	
		5	sand lenses Vs10%	
3.0		6	WOOD AND PEAT – trace of silt Vs+Vc+Vr20%	GP-GM
		7	SILT AND ORGANIC SILT(ML) Vs+Vr+Vc20%–30%	
4.0		8	GRAVEL(GP/GM) – sandy, trace of silt, angular to subrounded clasts to 25mm	
		9	greyish brown(2.5Y 5/2) Vx5%–10%	
5.0		10	FROZEN Nbn – angular clasts to 75mm	SM
		11	ALLUVIAL – 50mm peat horizon	
6.0		12	SILT(ML) – some sand, fine grained Nbn	
			ORGANIC SILT(OL) – some sand, some peat, very dark greyish brown Vc2%	
7.0		14	GRAVEL(GP) – sandy	
		15	SAND AND ORGANIC SILT(SM) – some gravel, trace of clay, very dark greyish brown(2.5Y 3/2)	
8.0		16	Nbn COLLUVIAL FROZEN	
			GRAVEL(GM) – sandy, some silt, angular clasts to 50mm, very dark greyish brown	
9.0			GRAVEL(GP/GM) – some sand, trace of silt angular clasts to 50mm, pinkish grey (7.5YR 6/2)	
10.0			COLLUVIAL	
			COBBLES AND GRAVEL – some silt, some sand, trace of clay, grey(10YR 5/1)	
11.0			COLLUVIAL	
			END OF BOREHOLE AT 8.20m.	

PLASTIC | M.C. | LIQUID (20 40 60 80)

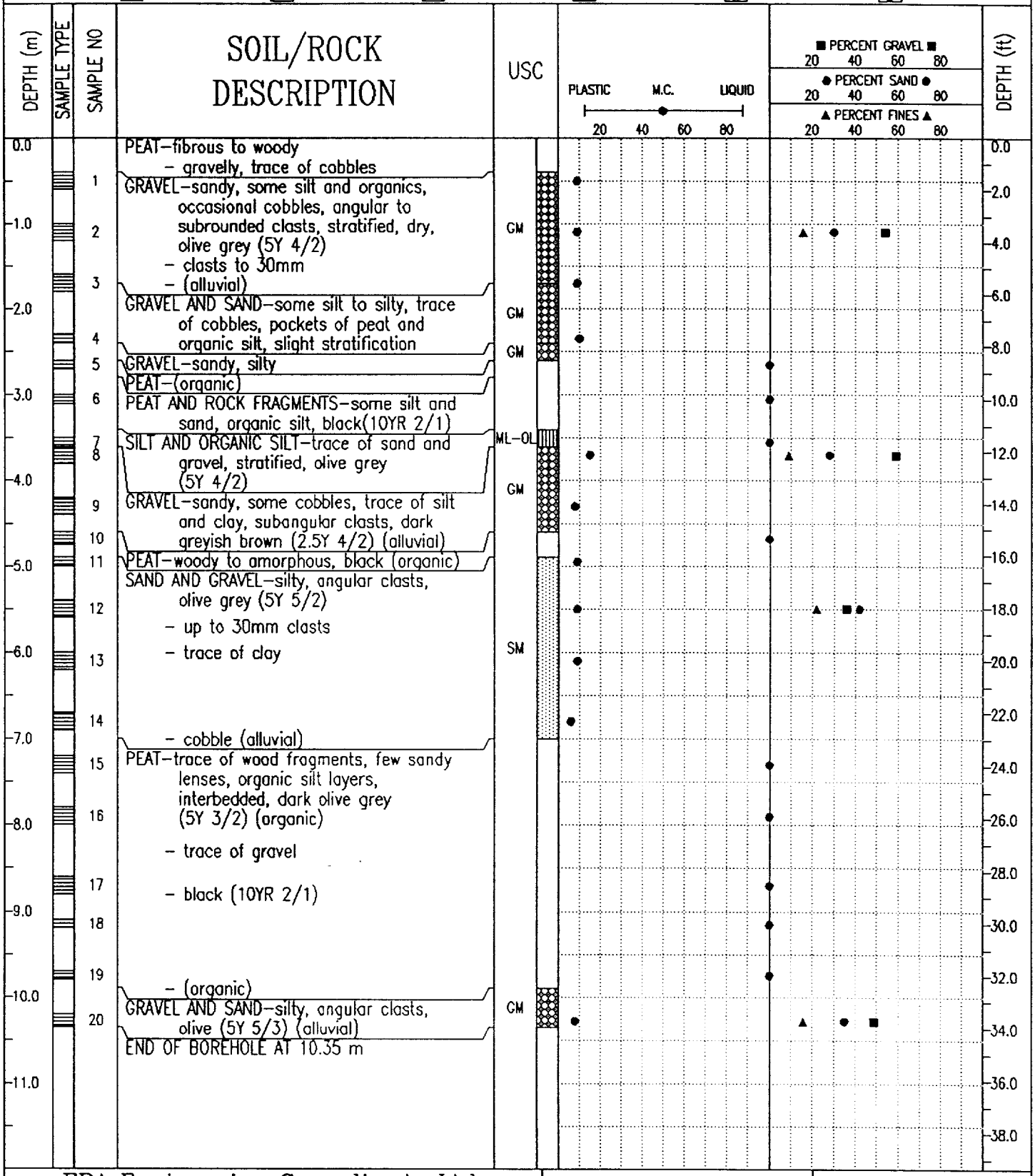
■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 8.2 m	COMPLETE 80/03/28
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1882.5, 200 m L of Highway	BOREHOLE No. 18825B19
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6873140.00 E522650.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-01-19	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.4 m	COMPLETE 80/03/29
	LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1882.5, 250 m L of Highway	BOREHOLE No. 18825B56
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6873550.00 E522150.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-056	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT	
			GRAVEL(GW) – some sand, angular to subangular	
1.0		1		
2.0		2	SAND(SP) – some gravel, organic inclusions medium to coarse grained Vx5%	GC
			GRAVEL(GC) – sandy, some silt, angular, grey FROZEN	
3.0		3		
4.0		4	– organic inclusions SAND(SM) – gravelly, some silt, organic inclusions	SM
5.0		5	Nbe GRAVEL(GW/GM) – sandy, trace of silt, angular to subangular	GW-GM
			SAND(SM) – gravelly, silty	
6.0		6		SM
7.0			END OF BOREHOLE AT 7.20m.	
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 7.2 m		COMPLETE 80/10/30
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1882.5, 250 m L of Highway	BOREHOLE No. 18825B57
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6873550.00 E522150.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-057	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT – trace silt, fine wood, rootlets, brown	
			GRAVEL(GM) – some sand, trace of silt, subangular, brown	
1.0		1		
			– trace of clay	
2.0		2		
			Vx5%	
		3	SAND(SM) – some gravel, some silt	SM
		4	CLAY(CL) – silty, some sand, trace of gravel, peat inclusions, pieces of decayed wood, subangular gravel, low plastic, grey	
3.0		5		
		6	Nbn	
4.0			GRAVEL(GM) – some sand, some silt, trace of clay, subangular, brown	
		7	SILT(ML) – some sand, trace of gravel, peices of wood, low to non plastic, brown to grey	
5.0				
		8		
6.0		9		
		10		ML
7.0		11		
8.0		12		
9.0				
10.0			END OF BOREHOLE AT 9.70m.	
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 9.7 m		COMPLETE 80/09/07
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1882.5, 250 m L of Highway	BOREHOLE No. 18825B58
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6873550.00 E522150.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-058	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT - organic, ice lenses Vr15% Vc10%	
-1.0		1	GRAVEL(GM) - some sand, some silt, well graded, angular, low to nonplastic	
			PEAT Vr5%	
-2.0		2	GRAVEL AND SAND(GM/SM) - some silt, angular, low to non plastic Vc3%	
-3.0		3		
		4	Vc5%	GM-SM
-4.0				
-5.0		5	PEAT AND ORGANIC SILT Vr10%	
-6.0		6	SILT(ML) - some gravel, well graded to 80mm, angular to subrounded, low plastic Vc3%	
			GRAVEL AND SAND(GM/SM) - trace of silt, well graded to 100mm, angular to subangular	
-7.0		7	Vc5%	GM-SM
-8.0		8		
-9.0		9		
			Vc3%	
-10.0		10	SILT AND SAND(SM) - uniform, fine grained, lensed structure, non plastic	
			GRAVEL(GM) - some sand, some silt, well graded to 100mm, angular to subangular	
-11.0		11	SILT AND SAND(SM) - lensed structure, low to non plastic, brown Vs5%	

PLASTIC | M.C. | LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 14.4 m	COMPLETE 80/09/14
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1882.5, 250 m L of Highway	BOREHOLE No. 18825B58
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6873550.00 E522150.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-058	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
12.0		12	graded gravel to 100mm, rounded to subangular Nbn				40.0
13.0		13	– boulder Vc3%				42.0
14.0			END OF BOREHOLE AT 14.40m.				44.0
15.0							46.0
16.0							48.0
17.0							50.0
18.0							52.0
19.0							54.0
20.0							56.0
21.0							58.0
22.0							60.0
23.0							62.0
							64.0
							66.0
							68.0
							70.0
							72.0
							74.0
							76.0
							78.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 14.4 m	COMPLETE 80/09/14
	LOGGED BY JDM	DWG NO.
		Page 2 of 2

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1882.5, 250 m L of Highway	BOREHOLE No. 18825B59
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6873550.00 E522150.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-059	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT(PT) – organic, partially decomposed Vs15%	
			GRAVEL – cobbly	
1.0		1	ORGANIC SILT(OL) – trace of gravel, partially decomposed, low plastic Vs10%	
2.0		2	GRAVEL(GM) – sandy, some silt, rounded to subangular Vc5%	
3.0		3		
			– cobble	
4.0		4		
5.0		5		
6.0		6	– cobble	GM
7.0			GRAVEL(GC) – silty, sandy, cobbley rounded to subangular	
8.0		7		
9.0		8		
10.0		9	ORGANIC SILT(OL) – partially decomposed, wood fibres, low plastic Vs5%	
11.0		10	CLAY(CL) – some gravel, some sand, well graded, low plastic	

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 14.1 m	COMPLETE 80/09/15
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1882.5, 250 m L of Highway	BOREHOLE No. 18825B59
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6873550.00 E522150.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-059	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
12.0							40.0
13.0							42.0
							44.0
14.0			END OF BOREHOLE AT 14.10m.				46.0
							48.0
15.0							50.0
							52.0
16.0							54.0
							56.0
17.0							58.0
							60.0
18.0							62.0
							64.0
19.0							66.0
							68.0
20.0							70.0
							72.0
21.0							74.0
							76.0
22.0							78.0
23.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 14.1 m	COMPLETE 80/09/15
	LOGGED BY JDM	DWG NO.
		Page 2 of 2

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1890.9, 200 m L of Highway	BOREHOLE No. 18909B51
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6877600.00 E519100.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-01-51	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT – woody, fibrous	
			ORGANIC SILT(OL) – pebbles	
			Vx 5%	
1.0		1	CLAY(CL) – silty, some sand, occasional gravel sizes	
			Vs 5% at 1.0 m.	
2.0		2	GRAVEL(GM) – some sand, trace silt, odd cobbles, brown	
			Vx/Vr 5%	
3.0		3		
		4		
4.0		5	– gravel to 50 mm, some sand, trace silt, trace clay	
			Vx/Vr 10% at 4.6 m.	
5.0		6		
6.0		7	GRAVEL(GM) – trace sand, trace silt	
			Vx/Vr 6%	
7.0		8		
8.0		9		
		10	GRAVEL AND SAND(GW/SW) – trace silt	
9.0		11		
10.0		12	END OF HOLE AT 10.0 M.	
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

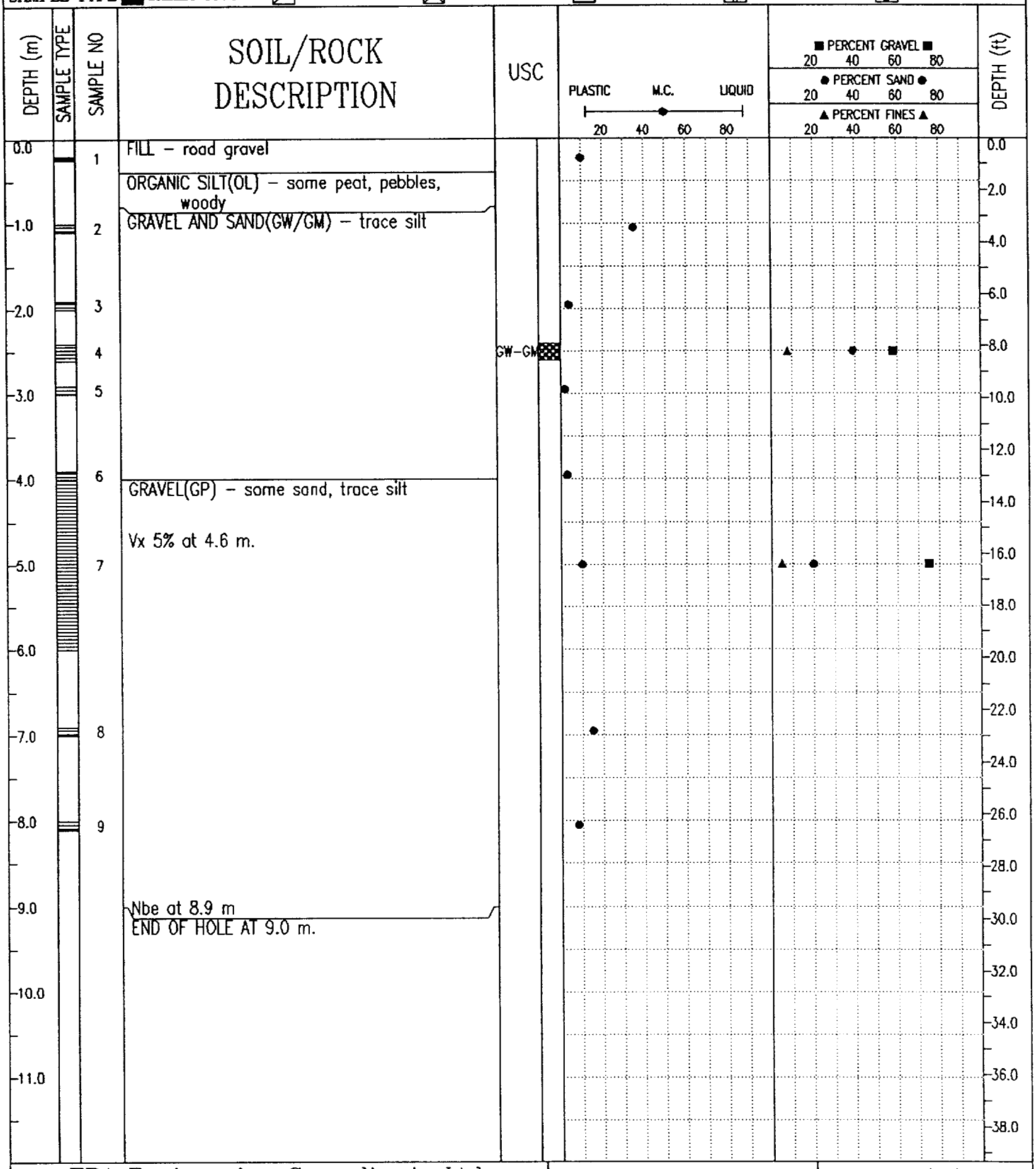
DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 10.0 m	COMPLETE 80/10/28
LOGGED BY MCB JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1890.9, 200 m L of Highway	BOREHOLE No. 18909B52
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6877600.00 E519100.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-01-52	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 9.0 m	COMPLETE 80/10/24
	LOGGED BY MCB JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1890.9, 300 m L of Highway	BOREHOLE No. 18909BA1
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6878930.00 E519270.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-01-CS-11A(1)	ELEVATION 0.00 (m)

SAMPLE TYPE: ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–moss, toots, wood fragmetns, black (10YR 2/1)	
		1		
1.0		2	(organic)	ML
		3	SILT AND ORGANIC SILT	
			GRAVEL–some sand and silt, trace of clay, subangular clasts to 50mm, dark greyish brown (2.5Y 4/2)	
2.0		4		
		5	– some cobbles	
3.0		6		GM
4.0		7		
		8		
5.0		9		
			(glaciofluvial) – no recovery	
6.0				
7.0				
8.0			– very hard drilling	
9.0				
10.0				
11.0			– drill rod refusal	
			END OF BOREHOLE AT 11.0 m	

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ — 20 40 60 80

● PERCENT SAND ● — 20 40 60 80

▲ PERCENT FINES ▲ — 20 40 60 80

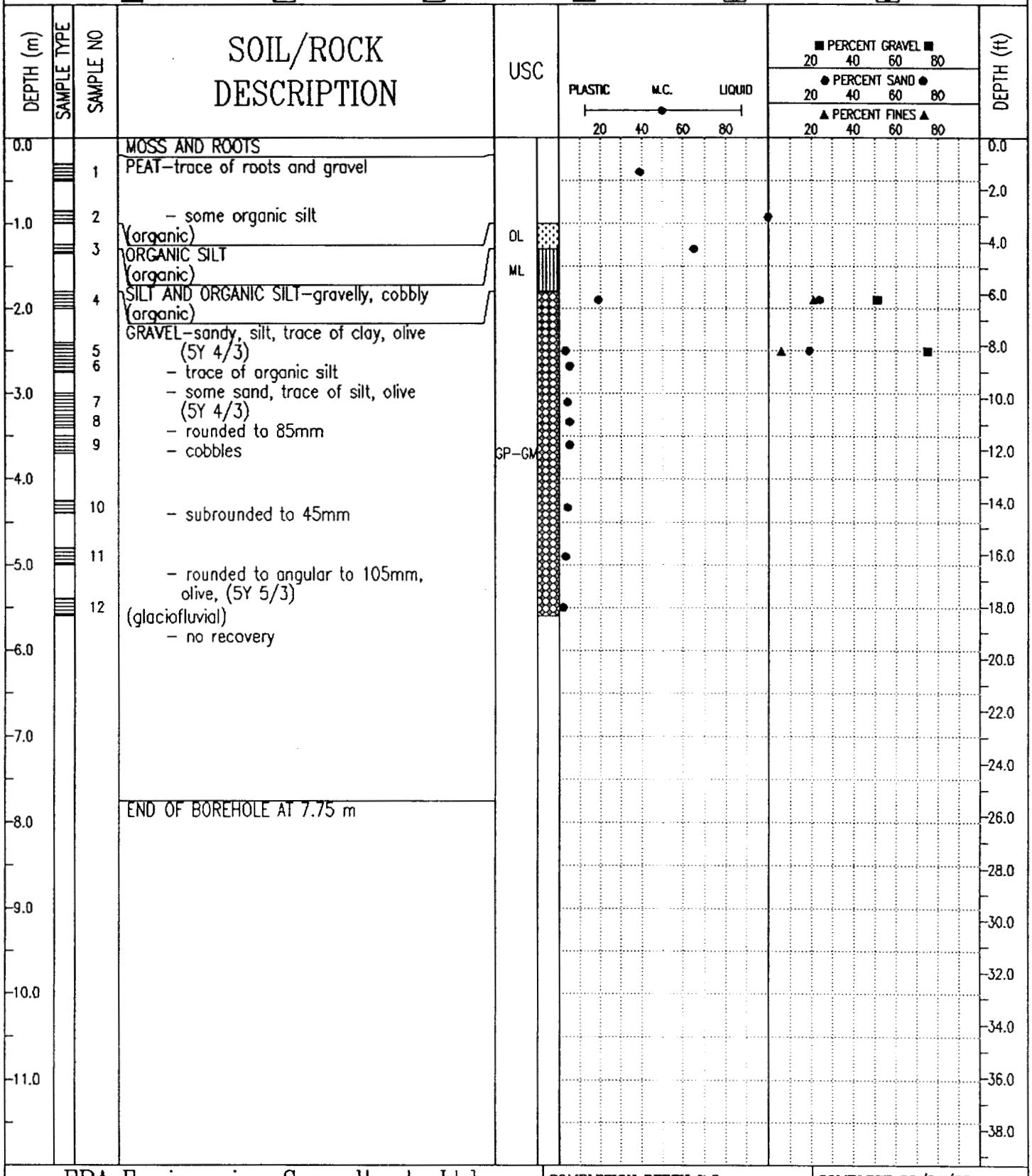
DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 11.0 m		COMPLETE 80/04/03
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1890.9, 300 m L of Highway	BOREHOLE No. 18909BA2
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6878910.00 E519140.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-01-CS-11A(2)	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 7.8 m	COMPLETE 80/04/03
	LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1895.0, 400 m L of Highway	BOREHOLE No. 18950B02
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6883300.00 E518250.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-047 (2)	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT(PT) – trace gravel, rootlets, very damp, dark brown	
		1	GRAVEL(GW) – some sand, subangular, moist grey-brown	
1.0				
		2	GRAVEL AND SAND(GM/SM) – some silt, moist	GM-SM
2.0				
		3		
3.0			SAND(SP/SM) – gravelly, trace of silt, – layer of sand, slight oxidation, fine to medium grained, saturated, brown – layers of gravel, fine grained, medium to coarse sand, subangular to rounded, very wet	
		4		SP-SM
4.0				
5.0			GRAVEL(GW/GM) – sandy, trace of silt	
		5		GW-GM
6.0			GRAVEL(GC) – clayey, green-grey	
		6	– low to medium plastic – frozen	
7.0				
8.0				
		7	SAND AND GRAVEL(SC/GC) – trace of silt, trace of clay, medium to coarse sand, pockets of medium sand, greenish grey with rust brown oxidation	SC-GC
9.0				
10.0			END OF BOREHOLE AT 9.70m.	
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ — 20 40 60 80

● PERCENT SAND ● — 20 40 60 80

▲ PERCENT FINES ▲ — 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 9.7 m	COMPLETE 80/09/30
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1895.0, 400 m L of Highway	BOREHOLE No. 18950B03
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6883300.00 E518250.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-047 (3)	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT(PT)	
			SAND(SC) – trace of clay, rootlets, fine grained, brown	
1.0			GRAVEL(GC) – some clay, some sand, subangular to rounded	
		1	Vx5%–10%	
		2	SAND(SW) – fine to coarse grained, brown	
2.0			Nbn	
			CLAY(CL) – silty, organic inclusions, wood pieces, low plastic, greyish brown	
			Vs5%	
3.0			GRAVEL(GW/GM) – some sand, trace of clay, subangular to rounded	
			Vx5%–10%	
			FROZEN	
4.0		3	GRAVEL AND SAND(GM/SW) – trace of silt	GM-SW
5.0			GRAVEL(GM) – sandy, trace of silt, trace of clay, greyish brown	
		4		GM
6.0				
7.0				
8.0				
			END OF BOREHOLE AT 8.4m.	
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 8.4 m	COMPLETE 80/10/11
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1895.0, 350 m R of Highway	BOREHOLE No. 18950B09
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6882540.00 E518290.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 79A-9	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC SILT AND MOSS	
		1	SILT–clayey, trace of organic silt, ice lenses to 2mm, layered, slightly plastic, brownish grey	
1.0		2		
2.0			GRAVEL–some wood fragments and poorly graded sand, trace of silt, fine to coarse grained, well graded, dark brown	
		3		
3.0				
4.0		4		
5.0				
		5	GRAVEL AND SILT–clayey, little sand, fine to coarse grained, fairly well graded, slight to low plastic, medium brown	
6.0				
7.0		6		
8.0			GRAVEL–some sand, trace to little clayey silt, fine to coarse grained, dark brown – cobbles	
		7		
9.0				
10.0			END OF BOREHOLE AT 10.0 m	
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
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COMPLETION DEPTH 10.0 m	COMPLETE 79/03/30
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1895.0, 350 m R of Highway	BOREHOLE No. 18950B11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6883830.00 E518020.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-01-CS-11B	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			MOSS AND ROOTS	
		1	SAND–trace of silt, gravel and organics, olive brown (2.5Y 4/4) (alluvial)	SP
		2	SILT AND SAND	SM
-1.0			ORGANIC SILT AND SILT–some sand and gravel	OL
		3	SAND–trace of silt, gravel and organics, olive grey (5Y 4/2), dark greyish brown (5Y 6/2)	SP
-2.0		4	SILT–trace of fine sand, organics, and clay, olive brown (2.5Y 4/4), light yellowish brown (2.5Y 6/4)	
		5		ML
-3.0		6	(alluvial) SAND–some silt, trace of gravel and clay, stratified, olive (5Y 4/3),(5Y 5/3)	SP
-4.0		7	(alluvial)	
		8	GRAVEL–sandy, some cobbles, trace of silt, silty layers, olive (5Y 4/3)	
-5.0		9		
			– sandy, some cobbles, trace of silt, olive (5Y 4/3)	GP
		10		
-6.0		11	(alluvial) GRAVEL–some silt, olive grey (5Y 4/2)	
-7.0		12	– sandy, some silt, olive (5Y 4/3)	GP-GM
		13	(alluvial) – drill bit refusal	
-8.0			END OF BOREHOLE AT 7.75 m	
-9.0				
-10.0				
-11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

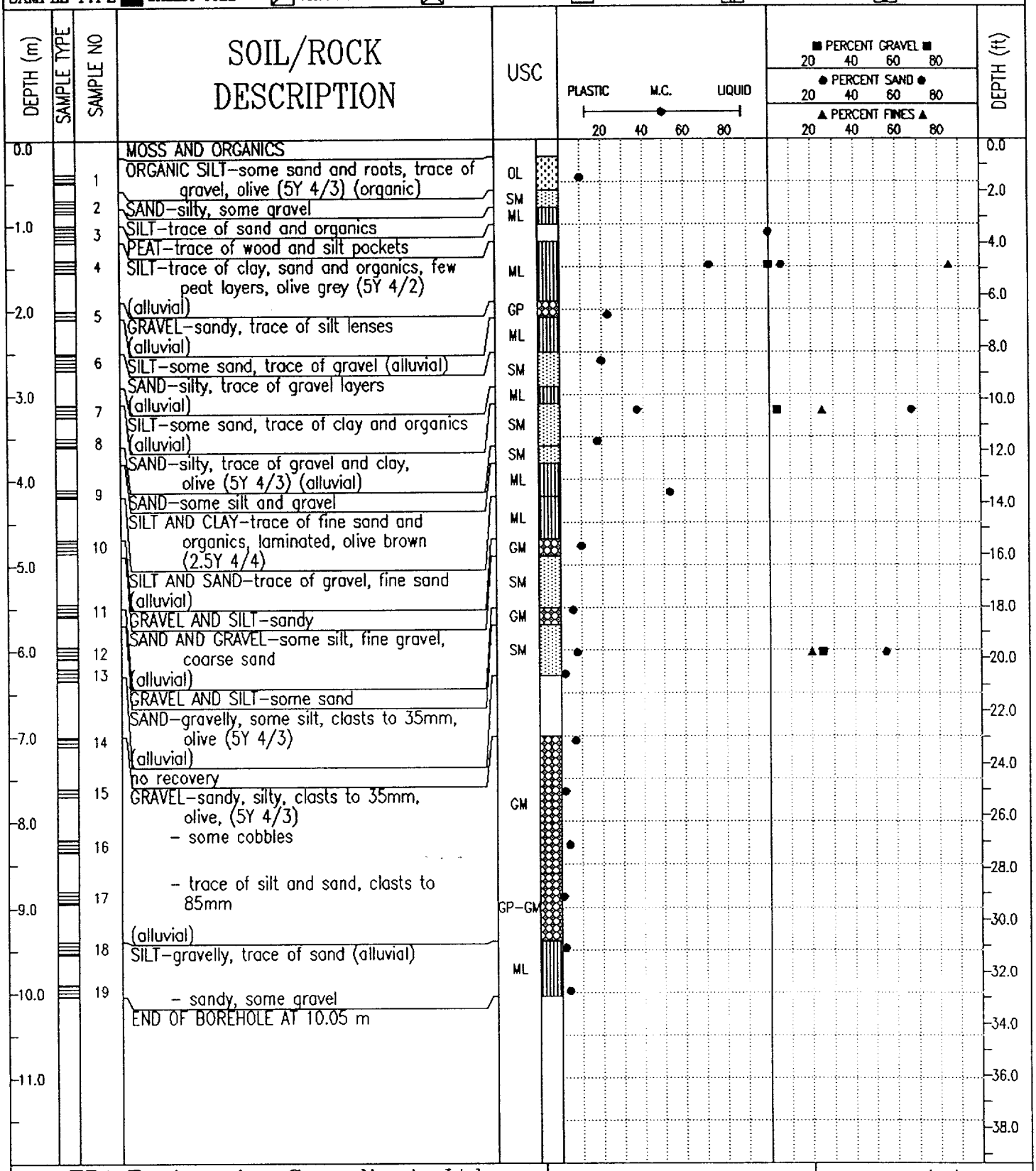
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 7.8 m	COMPLETE 80/04/02
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1895.0, 350 m R of Highway	BOREHOLE No. 18950B17
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6883980.00 E518080.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-01-17	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.1 m	COMPLETE 80/04/01
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1895.0, 400 m L of Highway	BOREHOLE No. 18950B47
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6883300.00 E518250.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-047	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	SAND(FILL) – some silt, medium grained, roots	
			UF	
		2	SAND(SM) – some silt, fine to medium grained, damp to moist, brown	
1.0			SAND(SW/SM) – gravelly, trace of silt, fine to coarse grained	
2.0		3		SW-SM
			GRAVEL(GP/GM) – sandy, trace of silt,	
3.0				
4.0				
5.0		4	– step-graded, some fine to medium grained sand	GP-GM
			– damp	
6.0				
7.0				
8.0				
9.0				
10.0			END OF BOREHOLE AT 9.70m.	
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 9.7 m	COMPLETE 80/09/30
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1895.0, 400 m L of Highway	BOREHOLE No. 18950B48
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6883300.00 E518250.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-048	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT AND ORGANIC SILT(PT/OH) – numerous roots, wet, black	
1.0		1	CLAY(CL) – silty, trace of sand, occasional roots, soft, low plastic wet, brown	
2.0			GRAVEL(GM) – some silt, trace of clay, brown	
3.0			GRAVEL(GW) – some sand, trace of silt, FROZEN	
4.0		2	– subangular gravel	GW
5.0			GRAVEL(GC) – sandy, trace of silt, subangular gravel	
		3		GC
6.0				
7.0				
8.0				
9.0				
10.0			END OF BOREHOLE AT 9.70m.	
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

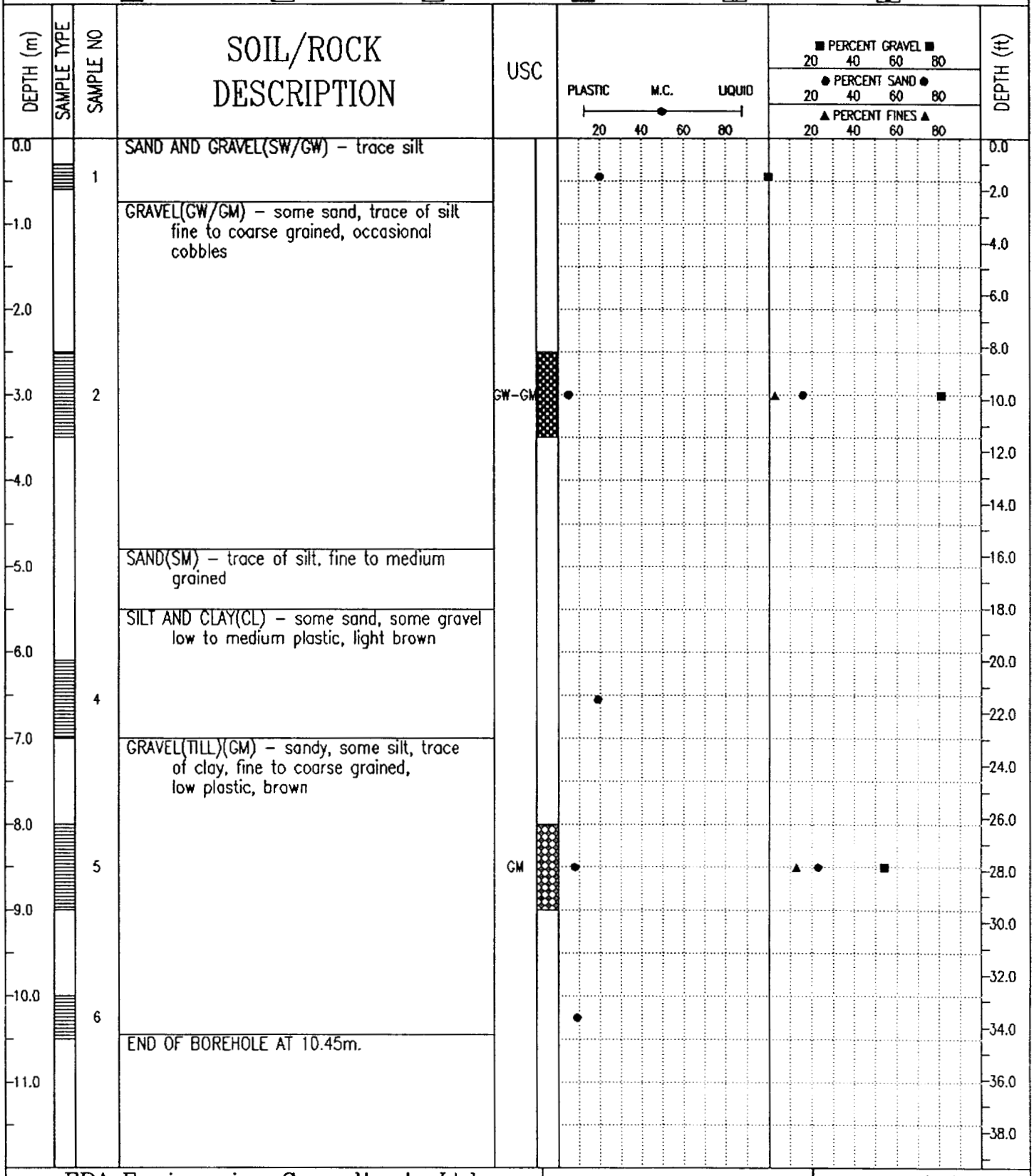
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 9.7 m	COMPLETE 80/09/30
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1895.0, 400 m L of Highway	BOREHOLE No. 18950BA7
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6884290.00 E518030.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 79A-7	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.5 m	COMPLETE 79/03/26
	LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1895.0, 400 m L of Highway	BOREHOLE No. 18950BA8
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6884190.00 E518060.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 79A-8	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0				
		1	GRAVEL(GW) – some sand, trace of silt, trace of clay, coarse to fine-grained, frequent cobbles to 4.0 metres in depth, dark brown	
1.0			Nbn	
		2		GW
2.0				
3.0				
4.0				
		3		
5.0				
		4	GRAVEL(GM) – silty, some clay, trace of sand, low plastic, yellow-brown	
6.0				
		5	SAND(SW/SM) – trace of silt, trace of gravel, fairly well graded, fine to medium grained, brown	SW-SM
7.0				
8.0				
9.0				
10.0		6		
11.0			– water encountered	
		7	SAND(SP) –some silt, trace of clay, fine to medium grained, trace coarse	SP

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 14.5 m	COMPLETE 79/03/29
	LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1895.0, 400 m L of Highway	BOREHOLE No. 18950BA8
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6884190.00 E518060.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 79A-8	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
12.0							40.0
13.0							42.0
14.0	▤	8			●		46.0
			END OF BOREHOLE AT 14.5m.				48.0
15.0							50.0
16.0							52.0
17.0							54.0
18.0							56.0
19.0							58.0
20.0							60.0
21.0							62.0
22.0							64.0
23.0							66.0
							68.0
							70.0
							72.0
							74.0
							76.0
							78.0

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COMPLETION DEPTH 14.5 m		COMPLETE 79/03/29
LOGGED BY JDM	DWG NO.	Page 2 of 2

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1895.0, 400 m L of Highway	BOREHOLE No. 18950BA9
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6882550.00 E518300.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 79A-9	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC SILT AND MOSS	
		1	SILT AND CLAY(CL) – trace of organic silt layered, ice lenses, slightly plastic, brownish grey	
1.0		2	Vx,Vr	
			Vx	
2.0			GRAVEL(GW) – sandy, trace of silt, some wood fragments, fine to coarse grained, dark brown	
		3		GW
3.0				
4.0		4		
5.0				
		5	GRAVEL(GM) – silty, some sand, coarse to fine grained, slight to low plastic medium brown	GM
6.0			– water encountered	
7.0		6		
8.0			GRAVEL(GP) – some sand, trace of silt, fine to coarse grained, dark brown	
		7	– cobbles	
9.0				
10.0			END OF BOREHOLE AT 10.20m.	
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

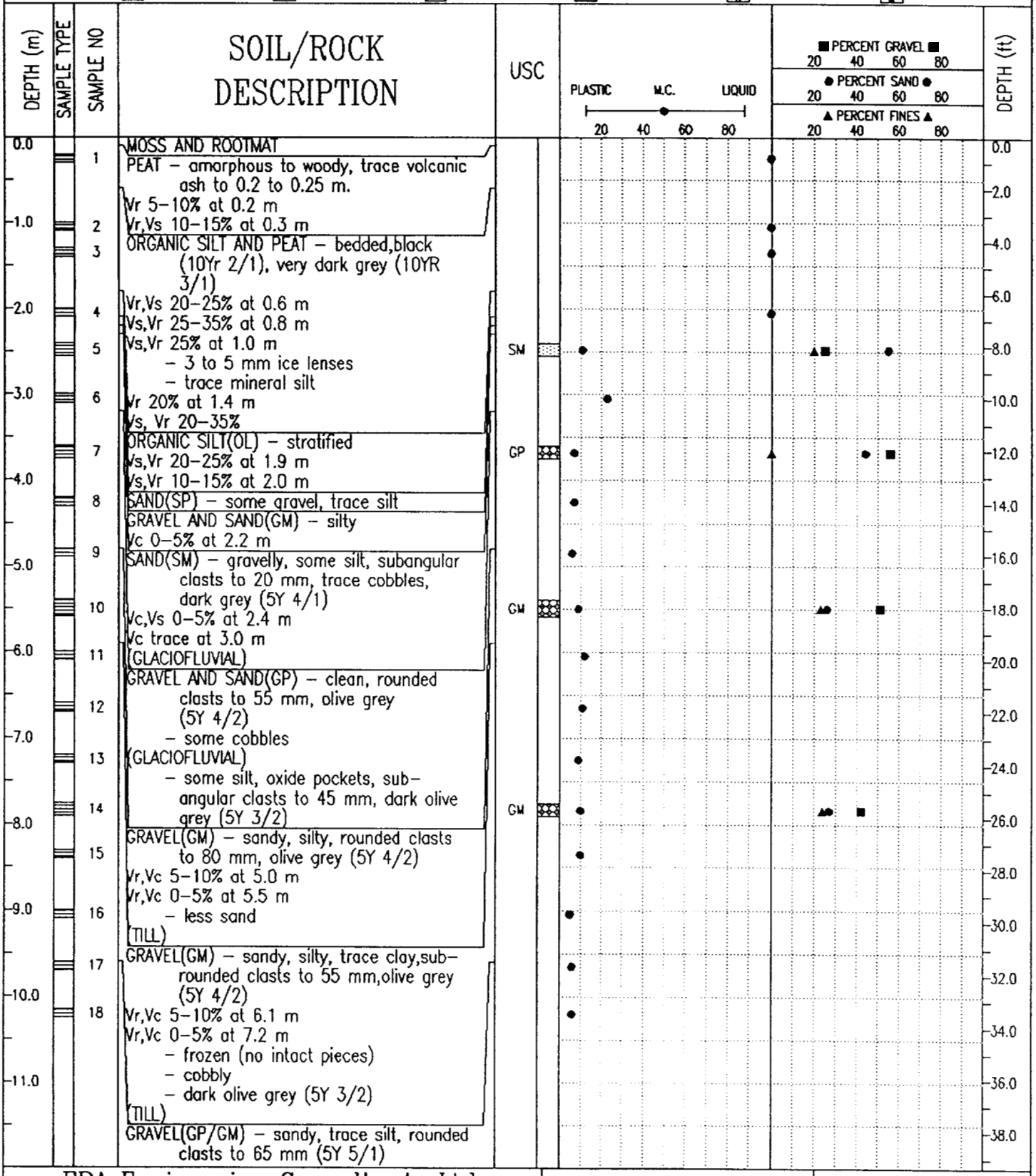
DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 10.2 m		COMPLETE 79/03/30
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1897.0, 200 m R of Highway	BOREHOLE No. 18970B16
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6885650.00 E517900.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-01-16	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.3 m	COMPLETE 80/03/28
	LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1897.0, 1000 m R of Highway	BOREHOLE No. 18970B22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6886050.00 E518185.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2-009-II	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–moist, brown	PT
			GRAVEL–some sand, little clay and silt, poorly graded, grey	
1.0			– gravel content increases	
2.0		1		
3.0				
4.0		2		GM
5.0				
6.0				
7.0		3		
8.0				
9.0			END OF BOREHOLE AT 9.0 m	
10.0			NOTE: This log was prepared by EBA from field logs compiled by Hardy Associates (1978) Ltd. All laboratory testing, if any, was carried out by EBA.	
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.0 m	COMPLETE 81/06/18
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1900.5, 250 m R of Highway	BOREHOLE No. 19005B02
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6889500.00 E517500.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-042(2)	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT – moss	
			ORGANIC SILT(OL) trace gravel low plastic Vs 15% at 1.0 m	
1.0		1		
			GRAVEL(GC) – some clay, trace sand, gravel to 80 mm, angular to subrounded, low plastic Vs 5% at 1.3 m	
2.0		2		
			GRAVEL AND CLAY(GC/CL) – trace sand Vc 3% at 1.8 m	
3.0		3		
4.0		4		
5.0		5		
6.0		6	CLAY AND GRAVEL(CL/GC) – rounded to sub-angular to 80 mm, trace sand, low plastic unfrozen	
7.0		7		
8.0		8		
9.0		9		
10.0			END OF HOLE AT 10.0 m	
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

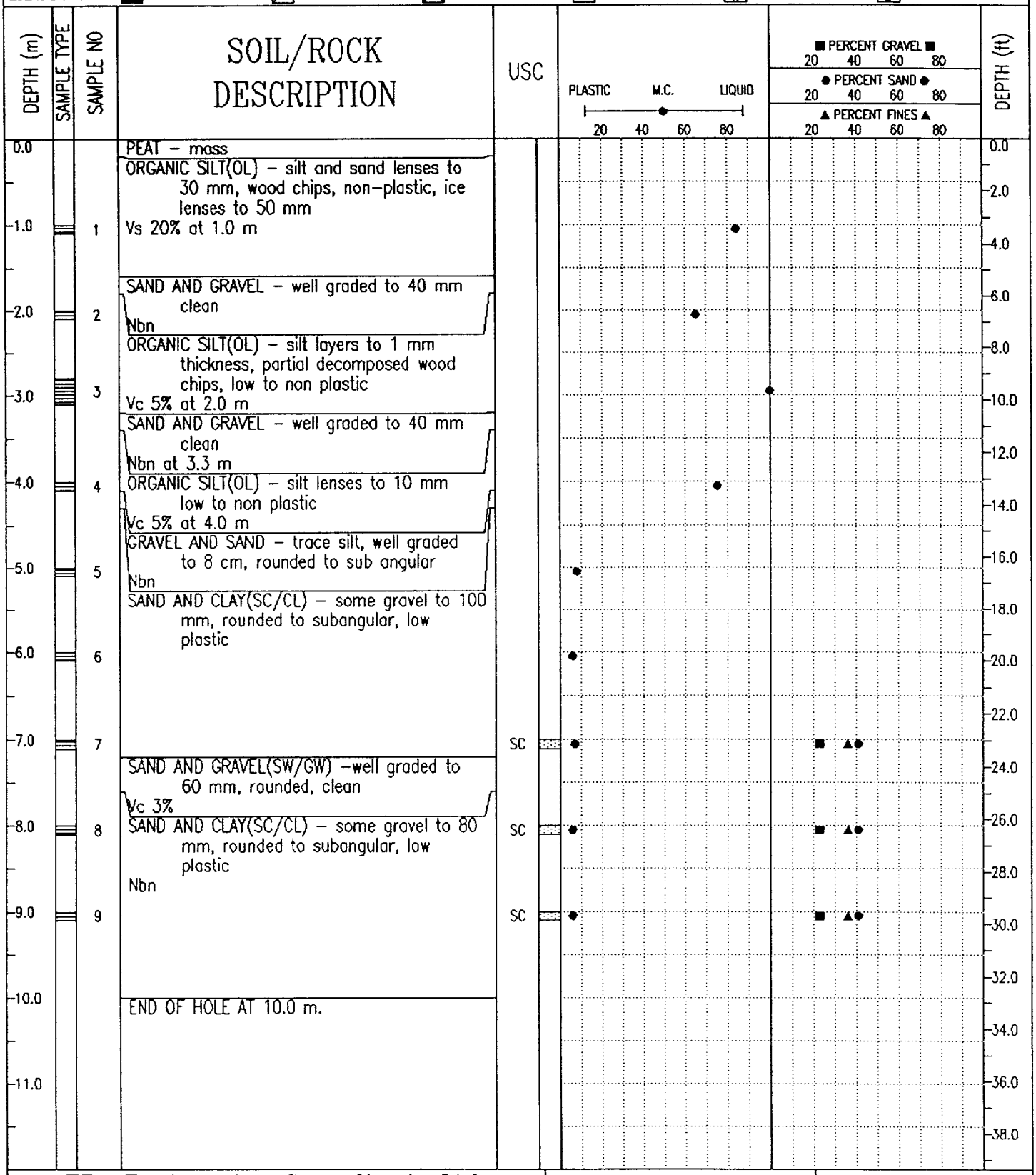
DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 10.0 m	COMPLETE 80/09/14
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1900.5, 250 m R of Highway	BOREHOLE No. 19005B03
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6889100.00 E517650.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-043(2)	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.0 m	COMPLETE 80/09/14
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1900.5, 75 m R of Highway	BOREHOLE No. 19005B04
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6889100.00 E517650.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 76-G-4	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

SOIL/ROCK DESCRIPTION

DEPTH (m)	SAMPLE NO	USC	DEPTH (ft)
0.0	1	GRAVEL AND SAND–some silt, brown	0.0
	2		2.0
	3		
1.0			4.0
	4		
	5		6.0
2.0	6		
	7		8.0
	8		
	9		
3.0	10	GRAVEL–some sand, trace of silt, fine grained, brown	10.0
			12.0
4.0			14.0
	11		
5.0			16.0
			18.0
6.0	12		20.0
		END OF BOREHOLE AT 6.7 m	22.0
7.0		NOTES:	24.0
		1. Located on H-F products line right-of-way.	
8.0		2. Terrain slopes gently north. Gravel and sand are exposed along products line which is overgrown with poplar, birch, alder and buckbrush to 3.0 m. Tree cover adjacent to products line is dense spruce to 12.2 m	26.0
			28.0
9.0		3. Hole dry augered for 0 to 3.0 m. Drilling mud used from 3.0 to 6.7 m.	30.0
		4. No permafrost encountered.	
10.0			32.0
			34.0
11.0			36.0
			38.0

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.7 m	COMPLETE 76/ /
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1900.5, 250 m R of Highway	BOREHOLE No. 19005B42
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6889500.00 E517500.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-042	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT - moss	
			ORGANIC SILT(OL) - low plastic, ice lenses	
			Vs 10% at 0.4 m	
1.0			ORGANIC SILT(OL) - some gravel, low plastic	
		2	Vx 5% at 0.5 m	
2.0			GRAVEL AND CLAY(GC/CL) - some sand, low plastic	
		4		GC
3.0			- gravel, some clay, some sand	
			Nbn at 3.1 m	
4.0				
			GRAVEL AND SAND(GM/SM) - some silt, low to non plastic	
5.0				
6.0			(TILL)	
			CLAY(CL) - some gravel, low plastic (TILL)	
7.0				
8.0			- possible bedrock (very hard drilling)	
			END OF HOLE AT 8.0 m.	
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 8.0 m	COMPLETE 80/09/09
LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1900.5, 250 m R of Highway	BOREHOLE No. 19005B43
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6889100.00 E517650.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-043	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT - moss	
			ORGANIC SILT(OL) - low to non-plastic Vx 10% at 1.0 m	
1.0		1	unfrozen	
2.0		2	VOLCANIC ASH	
			ORGANIC SILT(OL) - low plastic, soft, dark brown	
3.0		3	SAND AND GRAVEL(SW/GW) - well graded to 50 mm rounded to subrounded	
4.0		4		
			GRAVEL(GW) - some sand, trace silt, well graded to 70 mm, rounded to sub-rounded	
5.0		5		
6.0		6	- gravel to 80 mm	
7.0		7		
8.0		8		
			CLAY AND GRAVEL(CL) - rounded to sub-rounded to 60 mm, trace sand, low plastic	
9.0				
10.0		9	END OF HOLE AT 10.0 m.	
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 10.0 m	COMPLETE 80/09/09
LOGGED BY JDM	DWG NO.

		BOREHOLE No. 19080B00
	UTM ZONE: 7 N6896350.00 E516050.00	Project No:
CLIENT:		ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC MAT – trace silt	
			PEAT – woody to amorphous, some roots	
			– trace gravel at 0.25 m.	
			– dry	
-1.0			Vs + Vr 50% at 0.8 m.	
			Vs + Vr 20–25% at 1.2 m.	
			– trace gravel, some organic silt	
		1	SILT(ML) – sandy, trace clay and organic	ML
-2.0		2	silt, very dark greyish brown	
			(2.5Y 3/2)	
			Vs 25% at 1.6 m.	
		3	GRAVEL AND SILT(GM) – some sand, trace	
			clay, clasts to 40 mm, olive	
-3.0		4	(5Y 4/3)	SM
			Vx + Vc 20–25% at 2.0 m.	
			(TILL)	
		5	SAND AND GRAVEL(SM) – silty, trace clay,	
-4.0		5	some cobbles, olive grey (5Y 4/4),	
			pale yellow (5Y 7/3)	
		7	Vr + Vc 15–20% at 2.6 m.	
			FROZEN	
-5.0		8	– cobbly lense	
			– cobbly	
			(TILL)	
		9	GRAVEL(GM) – sandy, some silt, cobbly,	GM
-6.0			olive grey (5Y 3/2)	
		10		
		11		
-7.0		12	– some cobbles	
		13		
-8.0			– clayey, dark grey (5Y 4/1)	
		14	(TILL)	
			END OF HOLE AT 8.5 m.	
-9.0				
-10.0				
-11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 8.5 m	COMPLETE
	LOGGED BY	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B01
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894945.00 E516850.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT – silty, organic sand	
			SILT AND SAND(ML/SM) – trace gravel,grey	
1.0				
		1		ML-SM
2.0				
3.0				
			END OF BOREHOLE AT 3.3m.	
			(auger refusal on cobbles)	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 3.3 m		COMPLETE 70/06/11
LOGGED BY RD JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B02
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894885.00 E516850.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT AND ORGANIC SILT – sandy	
1.0	▤	1	SILT AND SAND – trace gravel, odd cobbles, grey	
2.0			END OF BOREHOLE AT 2.4m. (auger refusal on rocks)	

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 2.4 m	COMPLETE 70/06/11
LOGGED BY RD JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B03
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894825.00 E516850.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL – sandy, silty, fine to coarse grained				0.0
1.0			SAND AND SILT – gravelly, fine to medium grained				2.0
2.0							4.0
3.0							6.0
	▤	1					8.0
4.0							10.0
5.0							12.0
6.0			END OF BOREHOLE AT 6.1m.				14.0
7.0							16.0
8.0							18.0
9.0							20.0
10.0							22.0
11.0							24.0
							26.0
							28.0
							30.0
							32.0
							34.0
							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.1 m	COMPLETE 70/06/11
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B04
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894765.00 E516850.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT – silty, sandy	
1.0			SAND AND GRAVEL(SM/GM) – silty, medium to fine grained	SM-GM
2.0	▤	1		
3.0	▤	2	SAND(SM) – some silt, some gravel, grey	SM
4.0			END OF BOREHOLE AT 3.4m. (auger refusal – frozen cobbles)	

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.4 m	COMPLETE 70/06/11
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B05
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894705.00 E516850.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 5	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT – dark brown	
			SAND(SM) – silty, some gravel, medium to coarse grained	
1.0	▤	1		SM
			SAND(SM) – silty, dark brown, frozen	
2.0			END OF BOREHOLE AT 2.1m.	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 2.1 m	COMPLETE 70/06/11
LOGGED BY RD JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B06
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894705.00 E516790.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 6	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC SAND – silty				0.0
			SAND AND GRAVEL – trace silt, fine to coarse grained – water encountered				2.0
1.0							4.0
2.0							6.0
							8.0
3.0							10.0
			END OF BOREHOLE AT 3.7m.				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.7 m	COMPLETE 70/06/11
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B07
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894765.00 E516790.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 7	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL – some sand, trace silt, cobbles, fine to coarse grained	
1.0	▤	1		GP
2.0				
3.0			GRAVEL AND SAND – some silt	
4.0	■	2		GM-SM
5.0			SAND – silty, fine grained, brown	
6.0			END OF BOREHOLE AT 5.5m.	
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.5 m	COMPLETE 70/06/11
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B08
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894825.00 E516790.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 8	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL – some sand, trace silt, cobbles	
1.0	▤	1	SILT – sandy, some gravel	SM
2.0	▤	2	Sand – silty, gravelly	SM
3.0			– silty, fine grained	
4.0				
5.0			END OF BOREHOLE AT 4.9m.	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 4.9 m	COMPLETE 70/06/11
LOGGED BY RD JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B09
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894885.00 E516790.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 9	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT – dark brown	
			GRAVEL – silty, sandy, fine to medium grained	
1.0			SILT(ML) – sandy,	
			– sandy, some gravel, frozen	
2.0	▤	1		ML
			END OF BOREHOLE AT 2.4m. (auger refusal on frozen Till)	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.1 m	COMPLETE 70/06/11
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B10
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894945.00 E516790.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 10	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ▩ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT – black	
			GRAVEL – sandy, silty	
1.0			SAND(SM) – silty, trace gravel, odd cobbles	SM
	▤	1		
2.0			END OF BOREHOLE AT 2.1m. (auger refusal on cobbles)	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ — 20 40 60 80

● PERCENT SAND ● — 20 40 60 80

▲ PERCENT FINES ▲ — 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 2.1 m	COMPLETE 70/06/11
LOGGED BY RD JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894945.00 E516730.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 11	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT – dark brown	
			SAND – silty, fine grained	
1.0			SAND AND SILT – gravelly, fine to coarse grained	
	▤	1		SM
2.0			END OF BOREHOLE AT 2.4m. (auger refusal on frozen Till)	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 2.4 m	COMPLETE 70/06/11
LOGGED BY RD JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894885.00 E516730.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 12	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT				0.0
1.0	▤	1	SILT AND SAND – some gravel	SM		■ ▲ ●	2.0 / 4.0
2.0			SAND – silty, fine grained				6.0 / 8.0
3.0			END OF BOREHOLE AT 3.1m.				10.0
4.0							12.0 / 14.0
5.0							16.0
6.0							18.0 / 20.0
7.0							22.0 / 24.0
8.0							26.0
9.0							28.0 / 30.0
10.0							32.0
11.0							34.0 / 36.0 / 38.0

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COMPLETION DEPTH 3.1 m		COMPLETE 70/06/11
LOGGED BY RD JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894825.00 E516730.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 13	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT				0.0
			SAND AND SILT(SM/ML) – some gravel, frozen				2.0
1.0							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0			END OF BOREHOLE AT 3.7m. (auger refusal on frozen Till)				14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.7 m	COMPLETE 70/06/12
	LOGGED BY RD JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894765.00 E516730.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 14	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT – black	
			SAND(SM) – some gravel, some silt, grey, frozen	
1.0		1		SM
2.0			END OF BOREHOLE AT 2.4m. (auger refusal on frozen Till)	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 2.4 m		COMPLETE 70/06/12
LOGGED BY RD JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B15
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894720.00 E516730.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 15	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT – dark brown				0.0
1.0							2.0
2.0							4.0
							6.0
			END OF BOREHOLE AT 2.4m.				8.0
3.0							10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.4 m	COMPLETE 70/06/12
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B16
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894705.00 E516670.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 16	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT – black				0.0
			SAND AND SILT(SM/ML) – some gravel,frozen				2.0
1.0	▤	1		SM-ML		■ ▲ ●	4.0
2.0							6.0
			END OF BOREHOLE AT 2.4m.				8.0
3.0							10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.4 m	COMPLETE 70/06/12
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B17
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894765.00 E516730.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 17	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT – black				0.0
			GRAVEL – sandy, silty, fine to medium grained				2.0
1.0			SAND – silty, grey, frozen				4.0
2.0							6.0
			END OF BOREHOLE AT 2.4m.				8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.4 m	COMPLETE 70/06/12
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B18
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894825.00 E516670.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 18	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT – black	
1.0			SAND – silty, black, frozen	
2.0	▤	1		ML
			END OF BOREHOLE AT 2.4m.	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.4 m	COMPLETE 70/06/12
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B19
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894885.00 E516670.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 19	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT – black				0.0
1.0			SILT – sandy, black				2.0
2.0			SAND AND SILT – some gravel, grey				4.0
3.0			END OF BOREHOLE AT 3.4m.				6.0
4.0							8.0
5.0							10.0
6.0							12.0
7.0							14.0
8.0							16.0
9.0							18.0
10.0							20.0
11.0							22.0
							24.0
							26.0
							28.0
							30.0
							32.0
							34.0
							36.0
							38.0

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COMPLETION DEPTH 3.4 m	COMPLETE 70/06/12
LOGGED BY RD JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B20
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894945.00 E516670.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 20	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT – black				0.0
			GRAVEL – some sand, trace silt, coarse grained, frozen				2.0
1.0			– water table				4.0
2.0			END OF BOREHOLE AT 2.1m. (auger refusal on frozen Till)				6.0
3.0							8.0
							10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.1 m		COMPLETE 70/06/12
	LOGGED BY RD JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894945.00 E516610.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 21	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT – black				0.0
			SILT – sandy, trace of cobble				
1.0							2.0
							4.0
2.0							6.0
							8.0
			END OF BOREHOLE AT 2.43m. (refusal on frozen till)				
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.4 m	COMPLETE 70/06/13
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894825.00 E516610.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 22	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ☒ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT – black				0.0
			GRAVEL – some sand, coarse grained				2.0
1.0							4.0
2.0							6.0
							8.0
3.0			END OF BOREHOLE AT 2.74m. (refusal on frozen till)				10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.7 m	COMPLETE 70/06/13
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B23
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894715.00 E516610.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 23	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT – black				0.0
			GRAVEL – sandy, silty, coarse, gray				2.0
1.0							4.0
2.0							6.0
							8.0
			END OF BOREHOLE AT 2.44m. (refusal on frozen till)				10.0
3.0							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.4 m	COMPLETE 70/06/13
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B24
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6694885.00 E516720.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 24	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT – black	
			SILT AND SAND – some gravel	
1.0				
			SILT(ML) – some sand, trace of gravel, ice ice lenses, cohesive	
2.0		1		ML
			END OF BOREHOLE AT 2.44 (refusal on frozen till)	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 2.4 m	COMPLETE 70/06/13
LOGGED BY RD JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B25
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894885.00 E516760.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 25	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT – black	
	▤	1	SILT AND SAND(ML/SM) – trace of gravel, cohesive, dark brown	ML
1.0			END OF BOREHOLE AT 1.22m. (refusal on frozen till)	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 1.2 m	COMPLETE 70/06/13
LOGGED BY RD JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B26
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6694855.00 E516730.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 26	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT – organic overburden	
		1	SILT(ML) – sandy, some gravel, cohesive, gray	ML
1.0			GLACIAL TILL	
2.0			END OF BOREHOLE AT 2.4m.	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.4 m	COMPLETE 70/06/13
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B27
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894915.00 E516730.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 27	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT – black				0.0
			SILT –sandy, some gravel, brown				
1.0			GLACIAL TILL – frozen				2.0
							4.0
2.0							6.0
			END OF BOREHOLE AT 2.4m.				8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.4 m	COMPLETE 70/06/13
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 100 m L of Highway	BOREHOLE No. 19080B28
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6894855.00 E516760.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 28	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND AND GRAVEL(SP), some silt, coarse to fine grained				0.0
1.0	▤	1		SP		▲ ■	2.0
2.0							4.0
3.0			END OF BOREHOLE AT 3.05m. (refusal on rock)				6.0
4.0							8.0
5.0							10.0
6.0							12.0
7.0							14.0
8.0							16.0
9.0							18.0
10.0							20.0
11.0							22.0
							24.0
							26.0
							28.0
							30.0
							32.0
							34.0
							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.1 m	COMPLETE 70/06/13
	LOGGED BY RD JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 40 m L of Highway	BOREHOLE No. 19080BS1
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6897005.00 E515995.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 79CS-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ☒ 75mm SPOON ☒ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			PEAT				0.0
			GRAVEL – some sand, some silt, trace clay, odd cobbles, brown				
1.0							2.0
							4.0
2.0							6.0
							8.0
3.0							10.0
			CLAY AND SILT – trace fine sand, medium to high plastic, grey				12.0
4.0		1	Vr,Vx				
		2	SAND – trace gravel, trace silt, trace clay, fine to coarse grained, grey				14.0
5.0							16.0
		3	SAND AND GRAVEL – trace silt, trace clay, odd cobbles, well graded, brownish				18.0
6.0		4	grey with rusty specks				20.0
							22.0
7.0		5					24.0
							26.0
8.0							28.0
		6					
9.0			SILT – clayey, trace sand, trace gravel, grey				30.0
							32.0
10.0		7	SAND – some gravel, trace silt, trace clay, odd cobbles, grey, ice lenses to 20mm				34.0
			Vx				
11.0			Vr				36.0
		8					38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 14.1 m	COMPLETE 79/03/20
	LOGGED BY JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1908.0, 40 m L of Highway	BOREHOLE No. 19080BS1
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6897005.00 E515995.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 79CS-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
12.0			SILT – clayey, trace sand, trace gravel, odd cobbles, grey, ice lenses to 20mm				40.0
			Vx				
13.0		9					42.0
			Vr				
14.0							46.0
			GRAVEL – some sand, trace silt, well graded, grey				
		10			●		48.0
15.0							50.0
16.0							52.0
17.0							54.0
		11			●		56.0
18.0			SAND – trace gravel, trace silt, fine to coarse grained, grey, ice lenses to 20mm				58.0
							60.0
19.0		12				●	62.0
							64.0
20.0			GRAVEL – some sand, trace silt, grey				66.0
		13				●	68.0
21.0							70.0
22.0			END OF BOREHOLE AT 22.0m				72.0
							74.0
23.0							76.0
							78.0

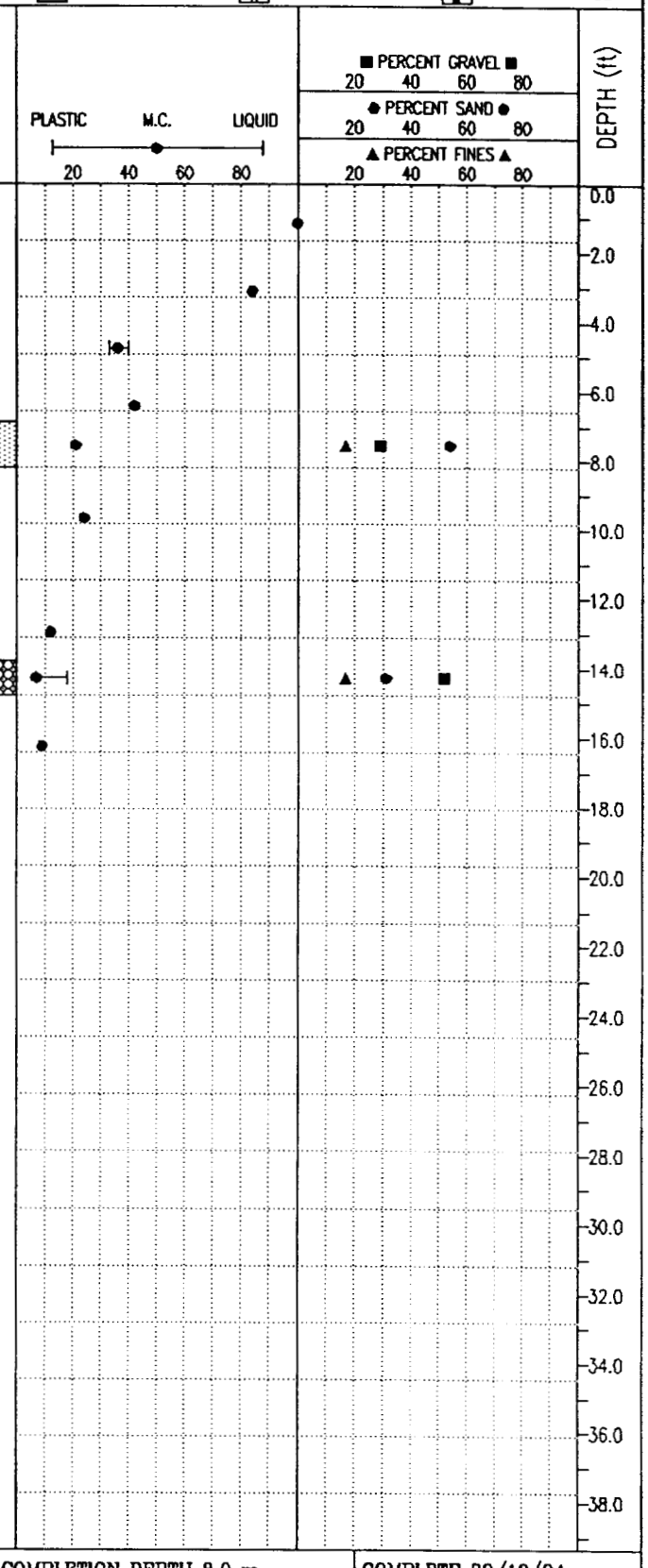
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COMPLETION DEPTH 14.1 m		COMPLETE 79/03/20
LOGGED BY JDM	DWG NO.	Page 2 of 2

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1916.5	BOREHOLE No. 19180B01
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903930.00 E516275.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 80-7P1-1	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT AND ORGANIC SILT – roots, soft, very wet, black	
			ORGANIC SILT(OL) – layered, dark brown to black	
1.0		2	Vx40%	
			Vx5%	
		3	SILT(ML/CL) – low plastic, brown to dark brown	
2.0		4	Vx/Vs10%	
		5	Nbn	SC
			1.4	
			– oxidation stains	
		6	– decayed sandstone inclusions subrounded pebbles to 15 mm	
3.0			– very gravelly, pockets of medium to coarse sand, low plastic	
			SAND(SC/SM) – gravelly, some silt, fine to coarse, subrounded and subangular,	
4.0		7	brown, oxidation stains	
		8	Vx8%	GC
			– greenish pebbles; grey-brown	
5.0		9	GRAVEL(GC) – sandy, some silt, fine to coarse, grey-green	
			FROZEN	
			– grey	
6.0				
7.0				
8.0			END OF BOREHOLE AT 8.00m.	
9.0				
10.0				
11.0				



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 8.0 m	COMPLETE 80/10/04
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1916.5; 20 m R of highway	BOREHOLE No. 19180B02
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903550.00 E516450.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SILT AND SAND(SM/SP) – some gravel, cobbly	
1.0			GRAVEL AND SAND(GW/SW) – trace of silt, non plastic	
2.0	▤	1		GW-SW
3.0				
			END OF BOREHOLE AT 3.6m.	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0
18.0
20.0
22.0
24.0
26.0
28.0
30.0
32.0
34.0
36.0
38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.6 m	COMPLETE / /
LOGGED BY RH JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1916.0; 10 m R of highway	BOREHOLE No. 19180B03
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903440.00 E516550.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL(GW/SM) – sandy, trace of silt, cobbly, non plastic	
1.0	▤	1		GW-SM
2.0				
			END OF BOREHOLE AT 2.70m.	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 2.7 m		COMPLETE / /
LOGGED BY RH JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1916.0	BOREHOLE No. 19180B04
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903450.00 E516555.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC SAND – fine grained, black				0.0
			SAND AND SILT(SM/ML) – fine grained, brown				
1.0			END OF BOREHOLE AT 0.6m. (glacial till, frozen)				2.0
							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 0.6 m	COMPLETE / /
LOGGED BY RH JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1916.0	BOREHOLE No. 19180B05
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903470.00 E516555.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID 20 40 60 80	■ PERCENT GRAVEL ■ 20 40 60 80 ● PERCENT SAND ● 20 40 60 80 ▲ PERCENT FINES ▲ 20 40 60 80	DEPTH (ft)
0.0			ORGANIC SAND – fine grained, black				0.0
			SAND AND SILT(SM) – fine grained				
1.0			END OF BOREHOLE AT 0.6m. (frozen)				2.0
							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 0.6 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1916.0	BOREHOLE No. 19180B06
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903450.00 E516575.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GLACIAL TILL – non plastic, brown	
1.0			GRAVEL AND SAND(GP/SP) – trace of silt, cobbly, fine grained gravel	
2.0	▤	1		GP-SP
3.0				
4.0			END OF BOREHOLE AT 4.3m.	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.3 m		COMPLETE / /
LOGGED BY RH JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1916.5	BOREHOLE No. 19180B07
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903445.00 E516590.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 5	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND AND SILT(SM/ML) – fine grained, non plastic, brown				0.0
1.0			GLACIAL TILL – cobbly, brown				2.0
2.0							4.0
							6.0
							8.0
3.0			GRAVEL AND SAND(GW/SW) –				10.0
4.0							12.0
							14.0
			END OF BOREHOLE AT 4.60m.				16.0
5.0							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.6 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1916.8; 20m R of highway	BOREHOLE No. 19180B08
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903600.00 E516150.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT AND SAND(OL/SM) - fine grained, non plastic, blackish brown				0.0
			END OF BOREHOLE AT 0.6m. (permafrost)				
1.0							2.0
							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 0.6 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 400m R of highway	BOREHOLE No. 19180B09
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903930.00 E513775.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND AND MOSS - silty, fine grained				0.0
			SILT(ML/SP) - sandy, cobbly				
1.0							2.0
							4.0
2.0		1		ML-SP	⊢	■ ● ▲	6.0
3.0							8.0
							10.0
			SILT AND SAND(ML/SP) - grey				12.0
4.0							14.0
		2		ML-SP	⊢	■ ● ▲	
5.0							16.0
							18.0
6.0			END OF BOREHOLE AT 6.1m.				20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.1 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 60m R of highway	BOREHOLE No. 19180B10
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903990.00 E513775.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			MOSS AND PEAT	
			SAND – silty, fine grained, brown	
1.0				
			SILT(ML/SP) – sandy, some gravel, fine grained, black	
		1		ML-SP
2.0			– some sand, trace of silt, grey	
		2		ML-SP
3.0				
			GLACIAL TILL – ice lenses	
4.0				
5.0			END OF BOREHOLE AT 4.90m.	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.9 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0;	BOREHOLE No. 19180B11
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904050.00 E513775.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 3	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT AND SAND(SP/ML) – some gravel				0.0
1.0							2.0
2.0			SILT(ML/SM) – sandy, trace of gravel, grey				4.0
							6.0
							8.0
3.0		1		ML-SM	H	■ ● ▲	10.0
			– very dirty				12.0
4.0							14.0
5.0							16.0
							18.0
6.0			END OF BOREHOLE AT 6.1m.				20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.0 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 60m L of highway	BOREHOLE No. 19180B12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904110.00 E513775.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 4	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SP/SM) – some gravel, some silt,				0.0
1.0							2.0
2.0							4.0
							6.0
							8.0
3.0		1	SILT(ML/SM) – some sand, trace of gravel, cohesive, grey	ML-SM	H	■ ● ▲	10.0
			– non plastic				12.0
4.0							14.0
							16.0
5.0			END OF BOREHOLE AT 4.9m.				18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.9 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 60m L of highway	BOREHOLE No. 19180B13
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904110.00 E513775.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 5	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL AND SAND(GC) – some clay, cohesive black				0.0
1.0							2.0
2.0							4.0
3.0							6.0
							8.0
							10.0
4.0			SILT – grey				12.0
		1		GC	⊢	▲ ●■	14.0
5.0			END OF BOREHOLE AT 5.2m.				16.0
6.0							18.0
							20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.2 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 30m L of highway	BOREHOLE No. 19180B14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904080.00 E513885.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 6	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL(GC) – sandy, trace of silt,				0.0
1.0							2.0
							4.0
2.0		1		GC	⊢●	▲ ● ■	6.0
							8.0
3.0							10.0
			– powdery				12.0
4.0							14.0
							16.0
5.0			END OF BOREHOLE AT 4.9m.				18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.9 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0	BOREHOLE No. 19180B15
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904050.00 E513805.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 7	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL(GW/GM) – sandy, trace of silt, brown	
5.0	▤	1		GW-GM
6.0			END OF BOREHOLE AT 6.1m.	

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (m): 0.0, 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 6.1 m	COMPLETE / /
LOGGED BY RH JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 30m R of highway	BOREHOLE No. 19180B16
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904020.00 E513805.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 8	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	GRAVEL AND SAND(GM) – some silt	GM
			GRAVEL(GW/GM) – sandy, some silt	
1.0				
2.0				
3.0				
			END OF BOREHOLE AT 3.6m.	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

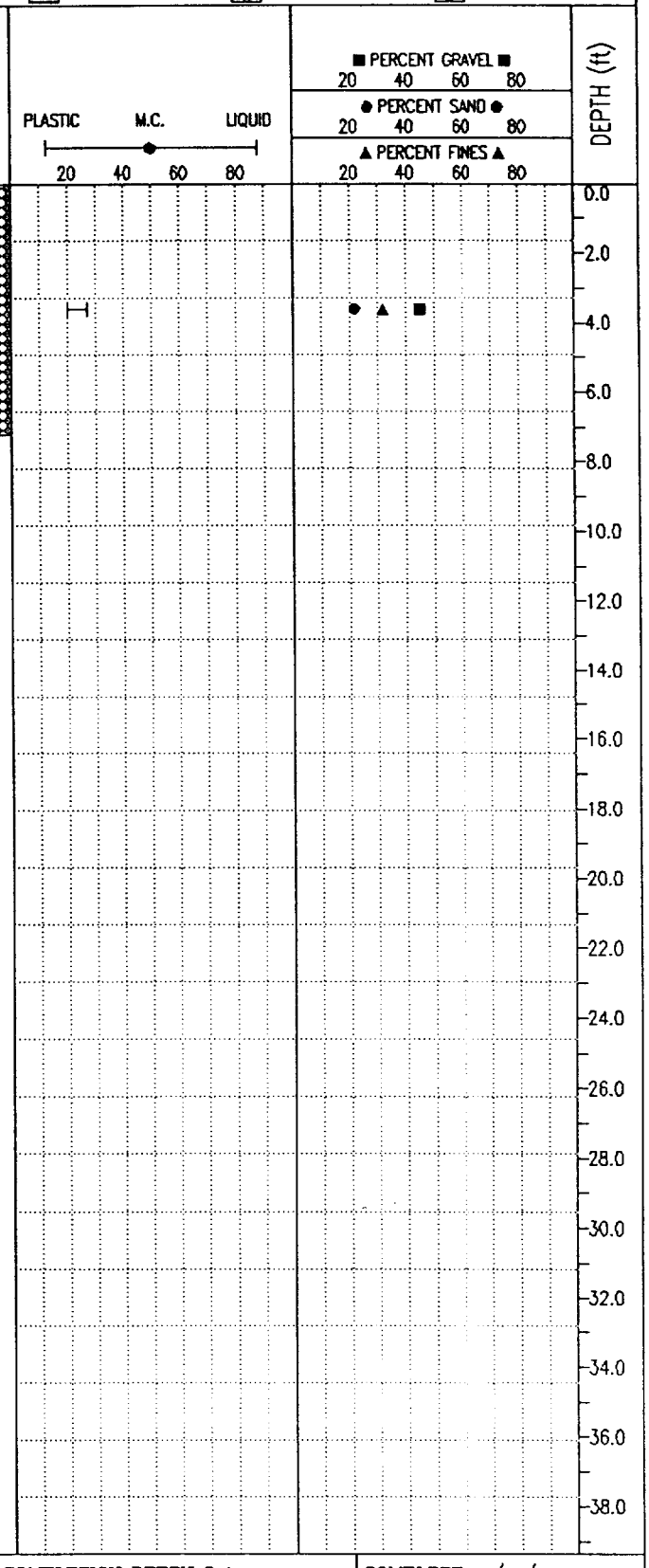
DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.6 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 60m R of highway	BOREHOLE No. 19180B17
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903990.00 E513805.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 9	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL(GM) – sandy, silty, brown, shale	
1.0	▤	1		GM
2.0			END OF BOREHOLE AT 2.4m. (refusal on shale)	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				



DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 2.4 m	COMPLETE / /
LOGGED BY RH,JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 120m R of highway	BOREHOLE No. 19180B18
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903930.00 E513805.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 10	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			MOSS AND PEAT – black	
			SILT(ML) – some sand, trace of gravel,	
1.0				
2.0				
			END OF BOREHOLE AT 2.7m.	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 2.7 m		COMPLETE / /
LOGGED BY RH JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 120m R of highway	BOREHOLE No. 19180B19
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903930.00 E513835.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 11	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			MOSS AND PEAT – black				0.0
			FROZEN				
1.0			SILT(ML/SC) – sandy, some gravel,				2.0
		1		ML-SC	H	■ ● ▲	4.0
2.0							6.0
			END OF BOREHOLE AT 2.40m.				8.0
3.0			(refusal)				10.0
4.0							12.0
5.0							14.0
							16.0
6.0							18.0
							20.0
7.0							22.0
							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.4 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 60m R of highway	BOREHOLE No. 19180B20
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903990.00 E513835.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 12	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			MOSS AND PEAT –black				0.0
			SILT(Glacial Till)				
1.0							2.0
							4.0
2.0			END OF BOREHOLE at 1.8m.				6.0
3.0							8.0
							10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.8 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0	BOREHOLE No. 19180B21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904050.00 E515835.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 13	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SP/SM) – gravelly, some silt, shattered shale				0.0
1.0		1		SP-SM			4.0
2.0			END OF BOREHOLE AT 2.4m.				8.0
3.0							10.0
4.0							14.0
5.0							16.0
6.0							20.0
7.0							24.0
8.0							26.0
9.0							30.0
10.0							32.0
11.0							36.0
							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.4 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 30m. L of highway	BOREHOLE No. 19180B22
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904080.00 E515835.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 14	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SP/SC) – gravelly, some silt, shattered shale				0.0
1.0							2.0
	▤	1		SP-SC	⊢●	▲ ■ ●	4.0
2.0							6.0
							8.0
3.0							10.0
			END OF BOREHOLE AT 3.6m.				12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							34.0
							36.0
10.0							38.0
11.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.6 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 60m. L of highway	BOREHOLE No. 19180B23
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904110.00 E513835.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 15	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SAND(SM/SC) –silty, some gravel, blocky shale	
1.0	▤	1		SM-SC
2.0			– fine shale(quick)	
3.0			– water table	
4.0				
5.0			END OF BOREHOLE AT 4.8m.	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 4.8 m		COMPLETE / /
LOGGED BY RH JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 90m. L of highway	BOREHOLE No. 19180B24
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904140.00 E513835.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 16	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SAND(SP/SC) – gravelly, some silt, blocky shale	
1.0	▤	1		SP-SC
2.0			END OF BOREHOLE AT 2.4m.	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 2.4 m		COMPLETE / /
LOGGED BY RH JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 30m. L of highway	BOREHOLE No. 19180B25
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904080.00 E513835.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 17	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT AND SAND(ML/SM) – some gravel, glacial till				0.0
1.0		1		ML-SM	H	■ ● ▲	4.0
2.0							6.0
							8.0
3.0			END OF BOREHOLE AT 3.0m. (refusal on shale)				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0	BOREHOLE No. 19180B26
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904050.00 E513835.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 18	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL(GP/GM) – sandy, some silt, shale				0.0
1.0	▤	1		GP-GM	H	▲ ● ■	2.0 / 4.0
2.0							6.0 / 8.0
3.0			END OF BOREHOLE AT 3.0m. (refusal on shale)				10.0
4.0							12.0 / 14.0
5.0							16.0
6.0							18.0 / 20.0
7.0							22.0
8.0							24.0 / 26.0
9.0							28.0 / 30.0
10.0							32.0
11.0							34.0 / 36.0 / 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 30m. R of highway	BOREHOLE No. 19180B27
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904020.00 E513865.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 19	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SP/SC) – glacial till				0.0
1.0							2.0
							4.0
			END OF BOREHOLE AT 1.5m. (refusal on rocks)				6.0
2.0							8.0
3.0							10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.5 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 60m. R of highway	BOREHOLE No. 19180B28
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903990.00 E513865.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 20	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SM/SC) – silty, organic, fine-grained				0.0
			– some gravel, medium to fine-grained				2.0
1.0							4.0
							6.0
2.0							8.0
							10.0
3.0			END OF BOREHOLE AT 3.4m.				12.0
							14.0
4.0							16.0
							18.0
5.0							20.0
							22.0
6.0							24.0
							26.0
7.0							28.0
							30.0
8.0							32.0
							34.0
9.0							36.0
							38.0
10.0							
11.0							

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COMPLETION DEPTH 3.4 m	COMPLETE / /
LOGGED BY RH JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 120m. R of highway	BOREHOLE No. 19180B29
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903930.00 E513865.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 21	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT AND MOSS – black FROZEN	
			SILT(ML/CL) – some sand, trace of gravel, glacial till	ML-CL
1.0				
2.0				
	▤	1		
3.0				
			END OF BOREHOLE AT 3.6m. (refusal on rocks)	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

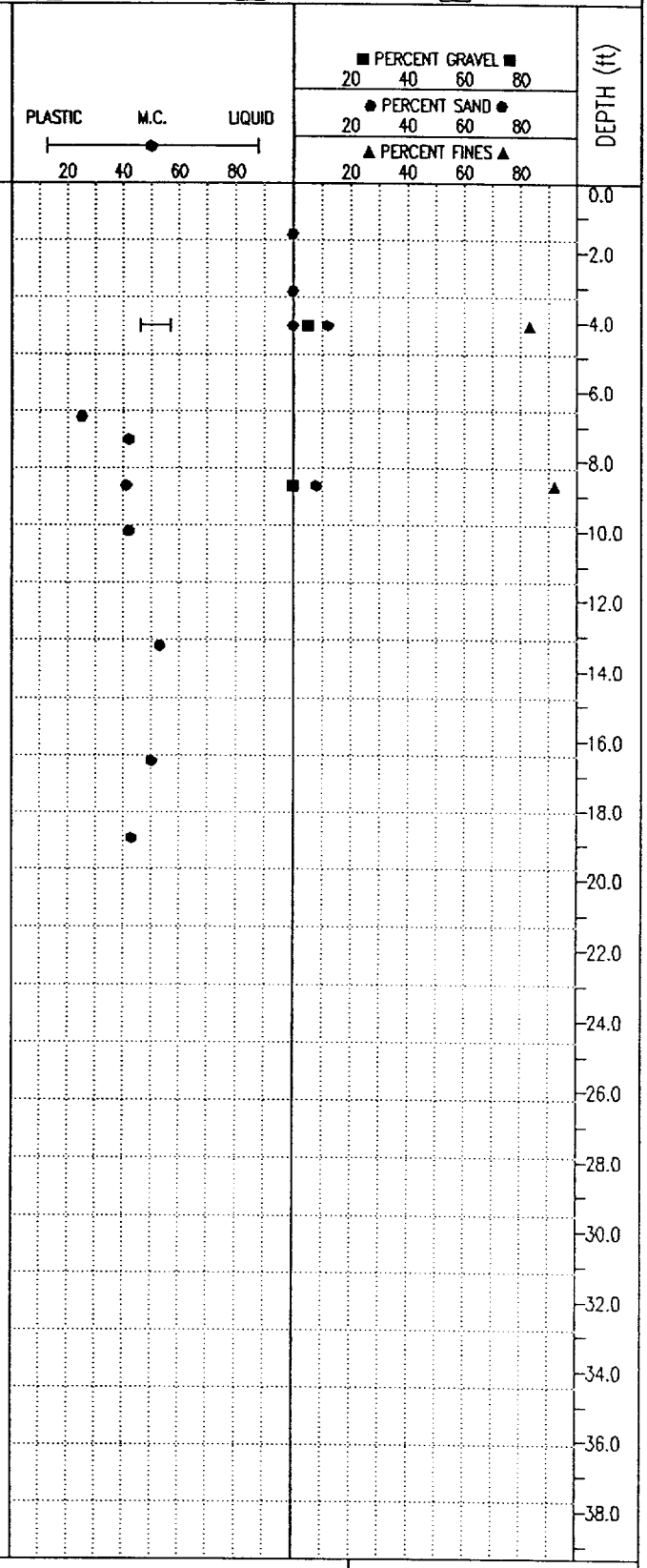
DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.6 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.

		BOREHOLE No. 19180B2L
	UTM ZONE: 7 N6903930.00 E516275.00	Project No: 0201-4981
CLIENT:INAC		ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT – roots, dark brown, wet	
		1	SILT(OL) – organic, peaty inclusions, black, high plastic	
-1.0		2	Vx 35% at 0.3 m.	
		3	Vx/Vs 35% at 0.6 m. Vx 15% at 1.0 m. – little sand, trace gravel	
-2.0		4	CLAY(CL) – some gravel, medium grained sand, pebbles rounded to 50 mm, medium plastic, grey	
		5		
		6	Nbn at 1.9 m.	
-3.0		6	SILT(ML) – non plastic, trace fine sand, grey	
			– darker grey, woody inclusions	
-4.0		7		
			– dark grey, occasional black streaks	
-5.0		8		
		9		
-6.0			END OF HOLE AT 5.75 m.	
-7.0				
-8.0				
-9.0				
-10.0				
-11.0				



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 5.8 m	COMPLETE 80/10/04
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 120m. R of highway	BOREHOLE No. 19180B30
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903930.00 E513895.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 22	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ▩ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			MOSS AND PEAT – black	
1.0	▤	1	SILT AND SAND(ML/SP) – some gravel, glacial till	ML-GP
2.0			END OF BOREHOLE AT 2.4m. (refusal on rocks)	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ — 20 40 60 80

● PERCENT SAND ● — 20 40 60 80

▲ PERCENT FINES ▲ — 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 2.4 m	COMPLETE / /
LOGGED BY RH JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 120m. R of highway	BOREHOLE No. 19180B31
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903990.00 E513895.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 23	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			MOSS AND SAND – silty, fine-grained FROZEN				0.0
			SAND(SM/ML) – silty, some gravel, fine grained, grey				2.0
1.0							4.0
2.0							6.0
							8.0
3.0							10.0
			END OF BOREHOLE AT 3.6m.				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

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COMPLETION DEPTH 3.6 m	COMPLETE / /	
LOGGED BY RH JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0	BOREHOLE No. 19180B32
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904050.00 E513895.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 24	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			SILT(ML) – some sand, trace of gravel, fine grained, brown	
1.0				
2.0		1		ML
3.0				
4.0			END OF BOREHOLE AT 3.6m.	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 3.6 m		COMPLETE / /
LOGGED BY RH JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 60m. L of highway	BOREHOLE No. 19180B33
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904110.00 E513895.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 25	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SM/ML) – silty, fine-grained				0.0
1.0							2.0
2.0							4.0
							6.0
3.0							8.0
							10.0
			END OF BOREHOLE AT 3.6m. FROZEN				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.6 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 120m. L of highway	BOREHOLE No. 19180B34
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904170.00 E513895.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 26	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL AND SAND(GW) – trace of silt, medium to fine grained	
3.0	▤	1		GW
			– some silt, grey	
5.0			END OF BOREHOLE AT 4.9m.	

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (m): 0.0, 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.9 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 120m. L of highway	BOREHOLE No. 19180B35
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904170.00 E513995.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 27	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ▨ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			FROZEN SILT(ML/CL) – sandy, trace of gravel, coarse to fine grained, brown	
1.0				
2.0	▤	1		ML-CL
3.0				
			END OF BOREHOLE AT 3.6m.	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 3.6 m		COMPLETE / /
LOGGED BY RH JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 60m. L of highway	BOREHOLE No. 19180B36
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904110.00 E513995.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 28	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			MOSS AND SAND – silty, organic	
			SAND AND SILT(SP/ML) – some gravel, ICE LENSES	
1.0			– brown	
2.0		1		GP-ML
3.0				
			END OF BOREHOLE AT 3.6m.	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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COMPLETION DEPTH 3.6 m		COMPLETE / /
LOGGED BY RH JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0	BOREHOLE No. 19180B37
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904050.00 E513995.00	Project No: 02C1-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 29	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT(PT) – dark brown FROZEN	
1.0				
			SILT(ML) – some sand, trace of gravel, brown	
2.0	▤	1		ML
3.0				
			END OF BOREHOLE AT 3.6m.	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC — M.C. — LIQUID
20 40 60 80 H

■ PERCENT GRAVEL ■ 20 40 60 80
● PERCENT SAND ● 20 40 60 80
▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 3.6 m		COMPLETE / /
LOGGED BY RH JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 60m. R of highway	BOREHOLE No. 19180B38
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903990.00 E513995.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 30	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND(SP/SM) – silty, some gravel, coarse grained, brown				0.0
1.0			FROZEN – gray				2.0
2.0			END OF BOREHOLE AT 2.4m. (refusal on frozen till)				4.0
3.0							6.0
4.0							8.0
5.0							10.0
6.0							12.0
7.0							14.0
8.0							16.0
9.0							18.0
10.0							20.0
11.0							22.0
							24.0
							26.0
							28.0
							30.0
							32.0
							34.0
							36.0
							38.0

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COMPLETION DEPTH 2.4 m	COMPLETE / /
LOGGED BY RH JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 120m. R of highway	BOREHOLE No. 19180B39
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903930.00 E513995.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 31	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▥ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			MOSS AND SAND - silty, organic, fine grained	
			FROZEN	
1.0			SILT AND SAND(SM/SC) - some gravel	
		1		SM-SC
2.0				
			END OF BOREHOLE AT 2.4m. (refusal on frozen till)	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80
● PERCENT SAND ●
20 40 60 80
▲ PERCENT FINES ▲
20 40 60 80

DEPTH (ft)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 2.4 m		COMPLETE / /
LOGGED BY RH JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 120m. R of highway	BOREHOLE No. 19180B40
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6903930.00 E514015.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 32	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			MOSS AND PEAT – black				0.0
			SAND AND SILT(SP/ML) – some gravel				2.0
1.0							4.0
		1		SP-ML	H	■ ▲ ●	
2.0							6.0
			END OF BOREHOLE AT 2.4m. (refusal on frozen till)				8.0
3.0							10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.4 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0	BOREHOLE No. 19180B41
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904050.00 E514015.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 33	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT AND SAND(ML/SM)				0.0
1.0							2.0
2.0							4.0
							6.0
							8.0
3.0			END OF BOREHOLE AT 3.0m. (refusal on rocks)				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
							34.0
10.0							36.0
11.0							38.0

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COMPLETION DEPTH 3.0 m	COMPLETE / /	
LOGGED BY RH JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1919.0; 120m. L of highway	BOREHOLE No. 19180B42
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6904170.00 E514015.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER: 34	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			MOSS AND PEAT – black				0.0
			SILT AND SAND(ML/SM)				2.0
1.0							4.0
2.0							6.0
							8.0
3.0							10.0
			END OF BOREHOLE AT 3.4m. (refusal on frozen till)				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							34.0
							36.0
11.0							38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.4 m	COMPLETE / /
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1936.0, 300 m L of Highway	BOREHOLE No. 19360B01
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6918570.00 E509950.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 79S-A1	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT–woody, coarse fibrous, saturated	PT
		C1	SILT–trace of sand, little gravel, brown	ML
		C2	GRAVEL–some silt, trace of sand, to 60mm diameter	
1.0			– and fine to coarse sand, trace of silt	
		A3		
2.0				GM
		A4		
3.0		D5	– rounded gravel to 100mm diameter, wet	
			SAND–some gravel to 30mm diameter, trace of silt occasional cobble to 100mm diameter, medium to coarse grained, damp, dark grey	
4.0		D6		
				SP
5.0		D7		
			GRAVEL–and sand, trace of silt, occasional cobbles, well graded	
6.0				
7.0		D8	– dry	
				GM
8.0		A11		
		D9		
9.0				
10.0		D10		
			END OF BOREHOLE AT 10.35 m	
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

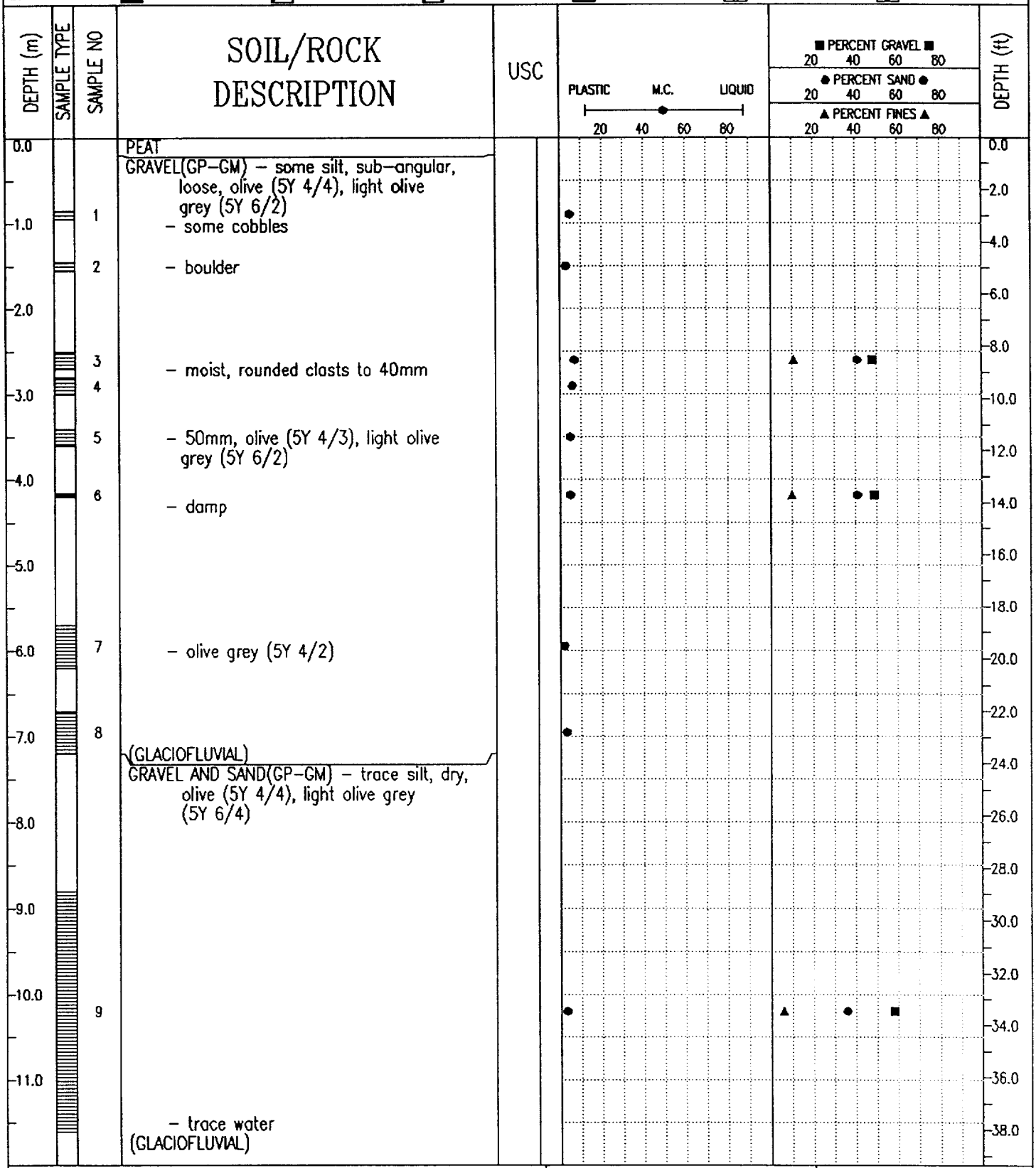
DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 10.4 m		COMPLETE 79/07/19
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1936.0, 350 m L of Highway	BOREHOLE No. 19360B07
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6919650.00 E506450.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-01-07	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 11.6 m	COMPLETE 80/03/23
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1936.0, 350 m R of Highway	BOREHOLE No. 19360B08
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6917640.00 E507360.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-01-08	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			MOSS - sandy, silty	
		1	SAND(SM) - some silt and organic silt, trace of rootlets, olive (5Y 5/4)	
		2	Vx trace at 0.2m	
1.0			- fine to coarse-grained, trace of coarse gravel, very dark, greyish brown (2.5Y 3/2)	
		3	Vc trace at 0.7m	
		4	Nbn at 1.0m	
2.0			- unfrozen	
		5	GRAVEL(GM) - sandy, some silt, trace of cobbles, sub-rounded to 50mm, dark grey (5Y 4/1)	
3.0		6	- moist, grey (5Y 5/1)	
		7	- very cobbly, dark olive (5Y 5/2)	
4.0		8	(ALLUVIAL)	
		9	GRAVEL(GW) - sandy, trace silt, some cobbles, sub-rounded to 75mm, dry, olive (5Y 5/3), light brownish grey (5Y 6/2)	
5.0				
		10	- moist	
6.0				
			(ALLUVIAL)	
7.0			SAND(SM) - silty, moist	
8.0				
9.0				
10.0				
11.0			- silty, fine-grained, moist	
			(ALLUVIAL?)	
			END OF BOREHOLE AT 11.6m.	

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

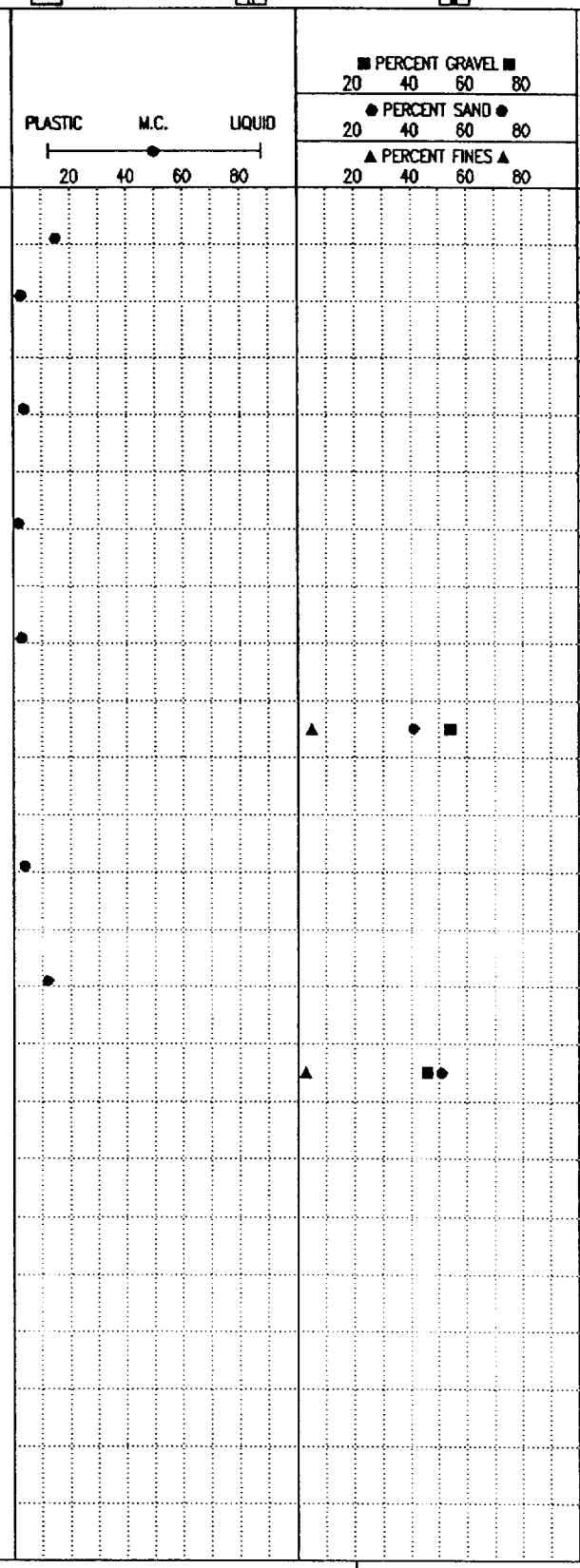
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COMPLETION DEPTH 11.6 m		COMPLETE 80/03/24
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1936.0,	BOREHOLE No. 19360B17
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6918070.00 E507210.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-017	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT(PT) – organic	
		1	SILT(ML) – clayey, trace organics, low plastic, firm	
-1.0		2	SAND AND GRAVEL(GW/SW) – well graded, rounded to sub-angular	
			GRAVEL AND SAND(GP/SP) – trace silt, rounded to sub-angular, dry to moist	
-2.0		3		
-3.0		4		
-4.0		5		
-5.0		6		
-6.0		7	– cobbles	
			SAND(SW) – some gravel, well graded, saturated	
-7.0		8	SAND AND GRAVEL(SP/GP) – medium to coarse sand and fine to coarse gravel, trace silt	
		9		
-8.0				
-9.0				
-10.0			END OF BOREHOLE AT 10.0m	
-11.0				

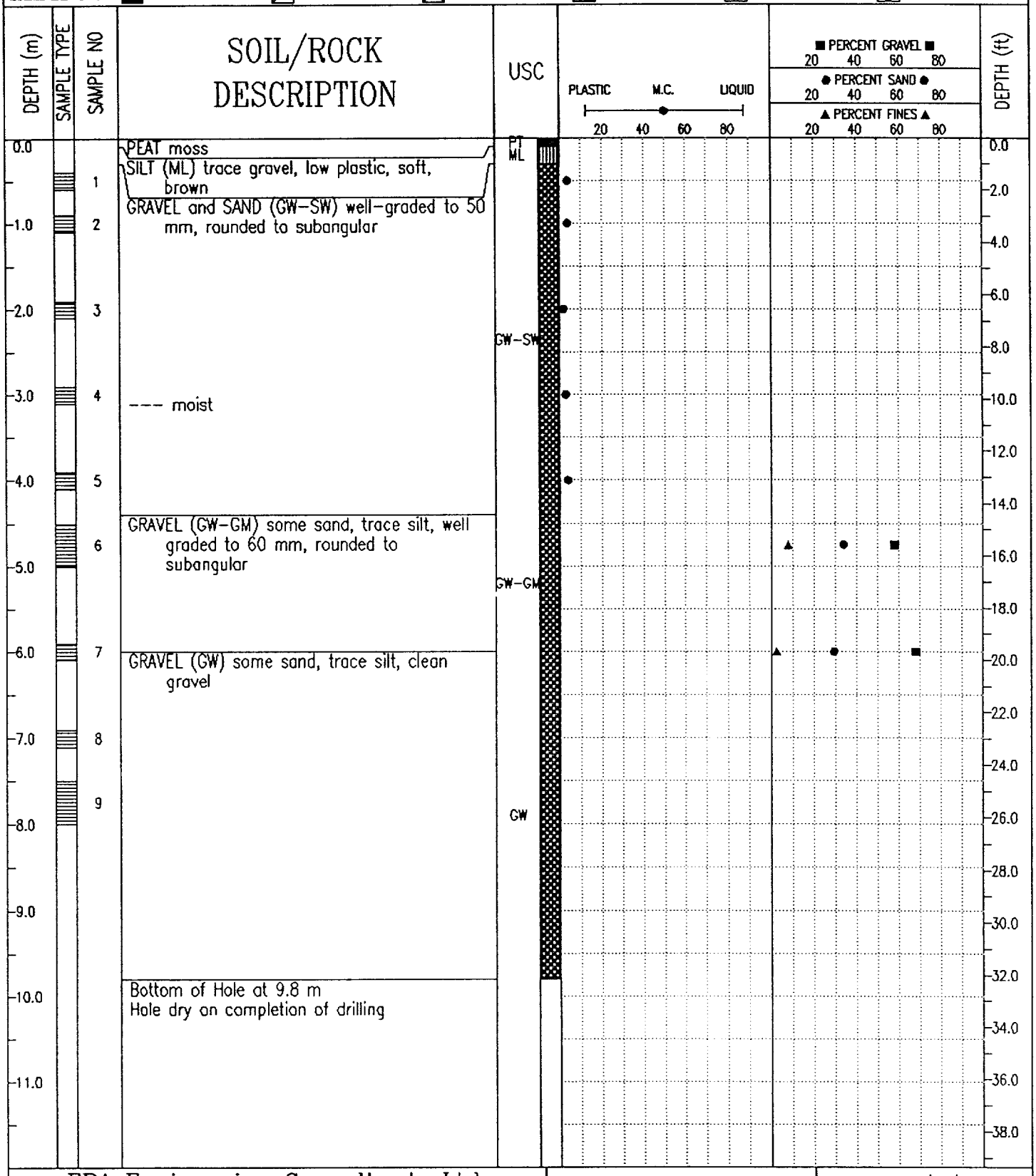


DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.0 m	COMPLETE 80/09/04
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1936.0,	BOREHOLE No. 19360B19
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6918070.00 E507210.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-019	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 9.8 m	COMPLETE 80/09/03
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1936.0,	BOREHOLE No. 19360B20
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6918070.00 E507210.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-020	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	FILL gravel, shaley, very silty, grey black	
1.0		2		
		3	Gravel (GP-GM) some sand, little silt, rounded to 60 mm, brown	
2.0		4	rounded to subrounded to 80 mm. grey	
		5		
		6		
3.0				
4.0		7		GP-GM
5.0				
6.0				
7.0				
8.0				
9.0				
10.0			Bottom of Hole at 9.75 m	
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 9.8 m		COMPLETE 80/10/04
LOGGED BY JDM	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1936.0, 350 m R of Highway	BOREHOLE No. 19360BA1
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6917340.00 E507450.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 79S-A1	ELEVATION 0.00 (m)

SAMPLE TYPE: ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT(PT) – woody, coarse fibrous, saturated	
			SILT(ML) – trace gravel, trace sand, brown	
1.0		2	GRAVEL(GM) – some silt, trace silt Vs,Vr 60% at 0.35m Vr 10% at 0.6m – sandy, trace silt, fine to coarse-grained	
2.0				
		3	– unfrozen	
3.0			SAND(SP) – some gravel, trace silt, odd cobbles, medium to coarse-grained, damp, dark grey	
4.0		4		SP
5.0				
		5	GRAVEL AND SAND(GW) – trace silt, odd cobbles, well graded	
6.0				
7.0		6	– dry	GW
8.0		7		
9.0				
10.0		8		
			END OF BOREHOLE AT 10.4m	
11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 10.4 m	COMPLETE 79/07/19
LOGGED BY BT JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1936.0, 350 m R of Highway	BOREHOLE No. 19360BA2
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6918580.00 E506950.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 79S-A2	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▮▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			GRAVEL(GP) – trace sand, trace silt, cobbles, wet, brown	
1.0				
			SILT(ML) – trace sand, low plastic, grey and brown with organic layers and occasional oxidized layers	
2.0	▤	1	– water table	
			SAND(SM) – some silt, fine-grained, brown, wet	
3.0			GRAVEL(GP) – some sand, trace silt, odd cobbles, wet	
4.0	▤	2		GP
			– saturated	
5.0	▤	3		GP
6.0			– increasing coarseness	
	▤	4		SW
7.0			END OF BOREHOLE AT 6.5m. (refusal on cobble)	
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ — 20 40 60 80

● PERCENT SAND ● — 20 40 60 80

▲ PERCENT FINES ▲ — 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 6.5 m	COMPLETE 79/07/18
	LOGGED BY JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1957.8; 100m L of highway	BOREHOLE No. 19578B01
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6936350.00 E500700.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-001	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0	1	SILT(FILL) – sandy, rootlets, wet to moist, dark brown to black	
	2	GRAVEL(GP) – silty, sandy, fine to medium grained, loose, moist, brown	
1.0			
	3		
2.0			
	4		
3.0		– damp to wet	
	5		
	6		
4.0	7	– subangular, numerous sandstone fragments	
	8		GM
5.0			
	9		
6.0		– sandstone fragments, wet, very soft, yellowish brown	
	10	– pockets ofgreenish rnedium sand	
7.0			
		– sand pockets, saturated	
8.0			
	11	GRAVEL(GM) – and silt, subangular fragments to 70 mm, very soft, saturated, orange yellow	
9.0			
10.0		SANDSTONE – shattered fragments, rusty brown	
11.0			
		END OF BOREHOLE AT 11.32m.	

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ — 20 40 60 80

● PERCENT SAND ● — 20 40 60 80

▲ PERCENT FINES ▲ — 20 40 60 80

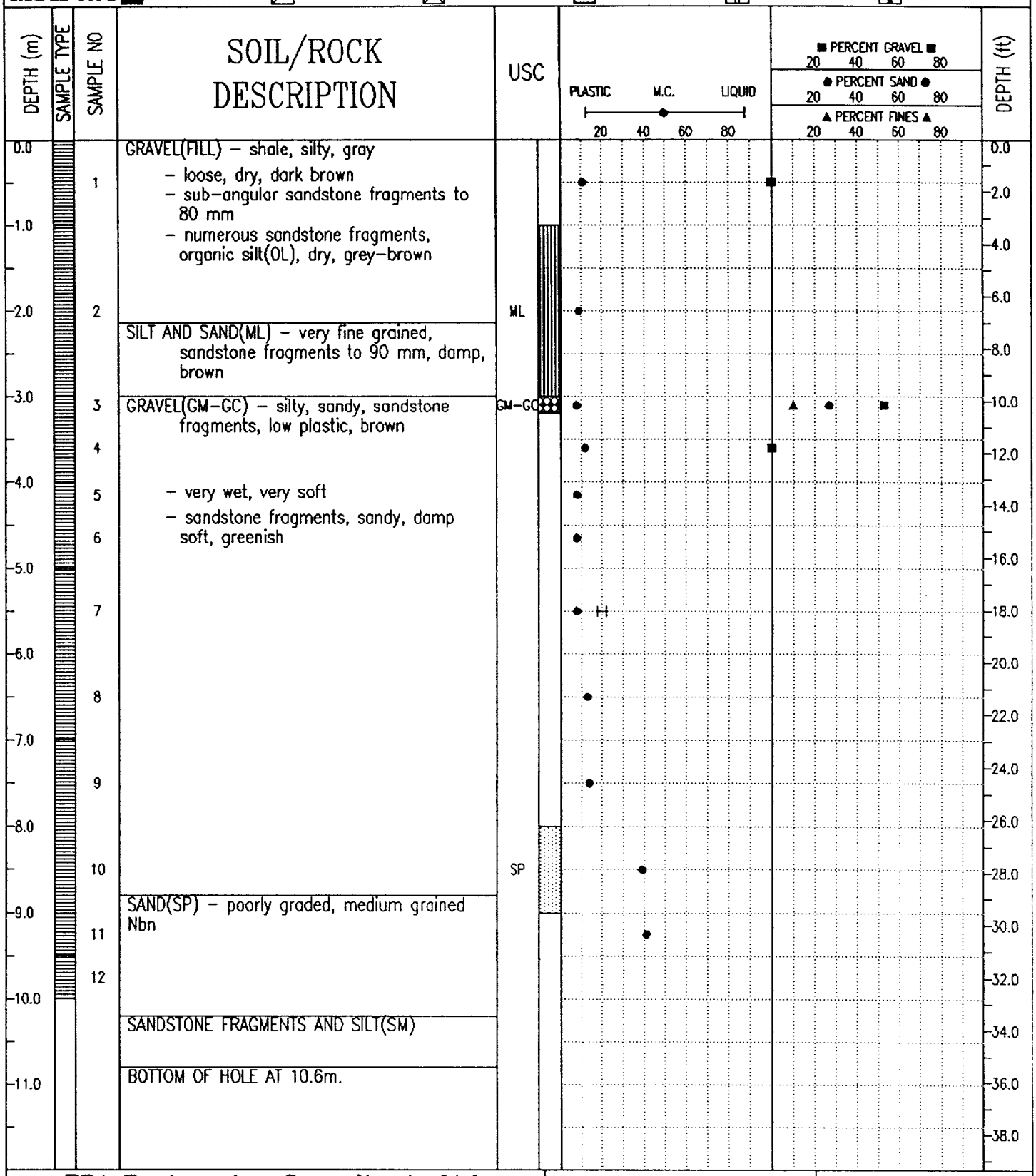
DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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COMPLETION DEPTH 11.3 m	COMPLETE 80/09/24
LOGGED BY RH	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1957.8; 100m L of highway	BOREHOLE No. 19578B02
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6936350.00 E500700.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-002	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.6 m	COMPLETE 80/09/24
	LOGGED BY RH	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1957.8; 100m L of highway	BOREHOLE No. 19578B03
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6936350.00 E500700.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-003	ELEVATION 0.00 (m)

SAMPLE TYPE: SHELBY TUBE | 75mm SPOON | STANDARD PEN. | GRAB | 75 mm CRREL | 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT – some organic silt, wet, black	
		2	INORGANIC SILT(ML)– sandy, clayey, trace of gravel, peaty inclusions, black	
		3	Vr20%	
-1.0			Vx3%	
		4	Vr8%	ML
			Vs25%	
		5	– numerous sandstone fragments	
-2.0				
		6		
-3.0				
		7	– sandstone fragments, layering of low plastic clay, dark brown	OH
			CLAY(OH) – some silt, medium plastic, green grey	
-4.0			Nbn	
		8		
		9	– low plastic to slight plastic, grey	
-5.0				
		10		
-6.0				
		11		
		12		
-7.0			GRAVEL(GC-GM) – sandy, clayey, silty, decayed sandstone fragments, brown-greenish grey	
		13		
-8.0		14		GC-GM
		15	– numerous sandstone fragments, some	
-9.0				
-10.0			END OF BOREHOLE AT 9.8m.	
-11.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

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Whitehorse, Yukon

COMPLETION DEPTH 9.8 m		COMPLETE 80/10/03
LOGGED BY RH	DWG NO.	Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1957.8; 100m L of highway	BOREHOLE No. 19578B31
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6936350.00 E500700.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-001(3)	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯ 75 mm CRREL ▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0		1	PEAT AND ORGANIC SILT(PT/OL)- moist to damp, dark brown	
		2	SILT(ML) - trace sand, trace gravel, fine	
		3	to medium grained, ice lensing to 3 mm thick, brown	
1.0		4	Vx 3% at 0.2m. Vr 5% to 15% at 1.0m. Vs/Vr 15% at 1.5m.	
		5	Vx 5% at 1.6m.	ML
2.0		6	- dark brown Vr 15% at 2.0m.	
		7	Nbn at 2.2m. - glauconite inclusions, green	
3.0		8	GRAVEL(GM) - sandy, silty, trace of clay, sub-angular to 100mm, low plastic, rusty brown	
		9		GM
4.0		10		
5.0		11	- silty, some sand - possible bedrock	GM
			END OF BOREHOLE AT 5.2m.	
6.0				
7.0				
8.0				
9.0				
10.0				
11.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.2 m	COMPLETE 80/10/01
LOGGED BY RH JDM	DWG NO.

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1957.8; 100m L of highway	BOREHOLE No. 19578B41
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6936350.00 E500700.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 80-11-001(4)	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⊘ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▯▯ 75 mm CRREL ▯▯ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			PEAT(PT)	
			ORGANIC SILT(OL) – root inclusions, occasional shale fragments, dry, dark	
1.0		1	Nbn at 0.6m	
			GRAVEL(GM) – silty, some sand, sub-angular, dry, brown	GM
		2		
2.0		3	– possible bedrock	
			END OF BOREHOLE AT 2.0m.	

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

DEPTH (ft)

0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.0 m	COMPLETE 80/10/01
	LOGGED BY RH JDM	DWG NO.
		Page 1 of 1

NORTH ALASKA HIGHWAY CORRIDOR	SOURCE: km 1960.6, 500 m L of Highway	BOREHOLE No. 19578BB1
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N6932120.00 E501500.00	Project No: 0201-4981
CLIENT:INAC	ORIGINAL BOREHOLE NUMBER 79B-1	ELEVATION 0.00 (m)

SAMPLE TYPE ■ SHELBY TUBE ⧄ 75mm SPOON ⊠ STANDARD PEN. ▤ GRAB ▥ 75 mm CRREL ▮ 100 mm CRREL

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL/ROCK DESCRIPTION	USC
0.0			ORGANIC SILT AND MOSS	
		1	CLAY AND SILT–little fine grained sand, ice lenses to 1mm, organic specks, medium plastic, brown with rusty specks	
1.0		2		
2.0				
		3	SAND–trace of fine to medium-grained gravel and silt, fine to coarse grained, poorly graded, dark grey	
3.0				
4.0		4		
5.0		5		
6.0			SAND–trace of silt, fine to medium-grained, brownish grey	
		6		
7.0				
8.0		7	– trace of coarse-grained sand and fine gravel	
9.0				
		8		
10.0			END OF BOREHOLE AT 10.0 m NOTE: Water encountered during drilling at 2.6 metres	
11.0				

PLASTIC M.C. LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)
● PERCENT SAND ● (20 40 60 80)
▲ PERCENT FINES ▲ (20 40 60 80)

DEPTH (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 10.0 m	COMPLETE 79/03/12
	LOGGED BY JDM	DWG NO.
		Page 1 of 1