VOLUME II OF II

DEMPSTER HIGHWAY GRANULAR SOURCE BOREHOLE LOG DATABASE

Test Hole Logs for Sources
km 194.7 to km 715.4

Submitted to:
Indian and
Northern Affairs Canada

0201-4800
June, 1988

Notes on Soil Classification

The soil is named after its principal component, and modified by other components as follows:

Presence of Component XXX	Modifier
greater than 35%	and XXX
21% to 35%	XXX-ey
11% to 20%	some XXX
1% to 10%	trace of XXX

Examples

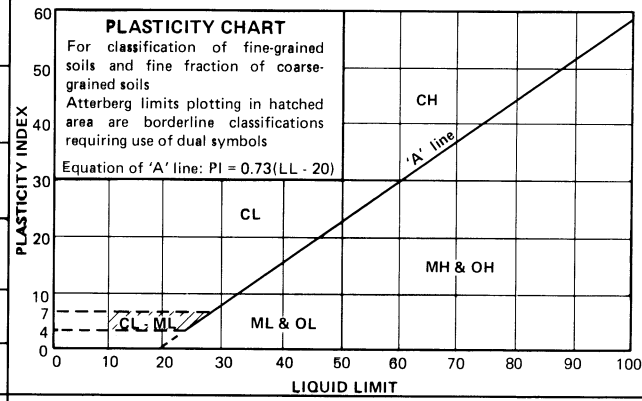
clay	silt	sand	gravel	
65%	15%	10%	10%	Clay, some silt, trace of sand, trace of gravel
5%	10%	45%	40%	Sand and Gravel, trace of silt, trace of clay
10%	65%	25%	--	Silt, sandy, trace of clay

Also, the USC classification system is used (see attached sheet).

G = Gravel
S = Sand
M = Silt
C = Clay

UNIFIED SOIL CLASSIFICATION†

MAJOR DIVISIONS			GROUP SYMBOLS	TYPICAL NAMES	CLASSIFICATION CRITERIA	
COARSE-GRAINED SOILS More than 50% retained on No. 200 sieve*	GRAVELS 50% or more of coarse fraction retained on No. 4 sieve	CLEAN GRAVELS	GW	Well-graded gravels and gravel-sand mixtures, little or no fines	Classification on basis of percentage of fines Less than 5% pass No. 200 sieve GW, GP, SW, SP More than 12% pass No. 200 sieve GM, GC, SM, SC 5% to 12% pass No. 200 sieve Borderline classification requiring use of dual symbols	$C_u = D_{60}/D_{10}$ Greater than 4 $C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ Between 1 and 3
			GP	Poorly-graded gravels and gravel-sand mixtures, little or no fines		Not meeting both criteria for GW
		GRAVELS WITH FINES	GM	Silty gravels, gravel-sand-silt mixtures		Atterberg limits plot below 'A' line or plasticity index less than 4 — Atterberg limits plotting in hatched area are borderline classifications requiring use of dual symbols
			GC	Clayey gravels, gravel-sand clay mixtures		Atterberg limits plot above 'A' line and plasticity index greater than 7
	SANDS More than 50% of coarse fraction passes No. 4 sieve	CLEAN SANDS	SW	Well-graded sands and gravelly sands, little or no fines		$C_u = D_{60}/D_{10}$ Greater than 6 $C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ Between 1 and 3
			SP	Poorly-graded sands and gravelly sands, little or no fines		Not meeting both criteria for SW
		SANDS WITH FINES	SM	Silty sands, sand-silt mixtures		Atterberg limits plot below 'A' line or plasticity index less than 4 — Atterberg limits plotting in hatched area are borderline classifications requiring use of dual symbols
			SC	Clayey sands, sand-clay mixtures		Atterberg limits plot above 'A' line and plasticity index greater than 7
FINE-GRAINED SOILS 50% or more passes No. 200 sieve*	SILTS AND CLAYS Liquid limit 50% or less		ML	Inorganic silts, very fine sands, rock flour, silty or clayey fine sands		
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays		
			OL	Organic silts and organic silty clays of low plasticity		
	SILTS AND CLAYS Liquid limit greater than 50%		MH	Inorganic silts, micaceous or diatomaceous fine sands or silts, elastic silts		
			CH	Inorganic clay of high plasticity, fat clays		
			OH	Organic clays of medium to high plasticity		
HIGHLY ORGANIC SOILS			PT	Peat, muck and other highly organic soils		



*Based on the material passing the 3 in. (75 mm) sieve
†ASTM Designation D 2487, for identification procedure see D 2488

GROUND ICE DESCRIPTION

ICE NOT VISIBLE

GROUP SYMBOLS	SYMBOLS	SUBGROUP DESCRIPTION	
N	Nf	Poorly-bonded or friable	
	Nbn	No excess ice, well-bonded	
	Nbe	Excess ice, well-bonded	

VISIBLE ICE LESS THAN 50% BY VOLUME

GROUP SYMBOLS	SYMBOLS	SUBGROUP DESCRIPTION	
V	Vx	Individual ice crystals or inclusions	
	Vc	Ice coatings on particles	
	Vr	Random or irregularly oriented ice formations	
	Vs	Stratified or distinctly oriented ice formations	

VISIBLE ICE GREATER THAN 50% BY VOLUME

ICE	ICE + Soil Type	Ice with soil inclusions	
	ICE	Ice without soil inclusions (greater than 25 mm (1 in.) thick)	

NOTE:

1. *Dual symbols are used to indicate borderline or mixed ice classifications*
2. *Visual estimates of ice contents indicated on borehole logs ± 5%*
3. *This system of ground ice description has been modified from NRC Technical Memo 79, Guide to the Field Description of Permafrost for Engineering Purposes*

LEGEND

Soil Ice

DEMPSTER HIGHWAY GRANULAR SOURCE
BOREHOLE LOG DATABASE

SUMMARY OF "NEW" AND "OLD" BOREHOLE AND TEST PIT NUMBERS

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
1228T123	1247T123	ORIGINAL TEST PIT NUMBER - 123
1270T125	1273T125	ORIGINAL TEST PIT NUMBER - 125
1270T126	1273T126	ORIGINAL TEST PIT NUMBER - 126
1270T127	1247T127	ORIGINAL TEST PIT NUMBER - 126A
1290B131	n/a	ORIGINAL BOREHOLE NUMBER 78-130
1312T127	1329T127	ORIGINAL TEST PIT NUMBER - 127
1312T128	1329T128	ORIGINAL TEST PIT NUMBER - 128
1312T129	1329T129	ORIGINAL TEST PIT NUMBER - 129
1312T130	1329T130	ORIGINAL TEST PIT NUMBER - 130
1312T132	1329T132	ORIGINAL TEST PIT NUMBER - 132
1312T133	1329T133	ORIGINAL TEST PIT NUMBER - 133
1312T134	1329T134	ORIGINAL TEST PIT NUMBER - 134
1312T135	1329T135	ORIGINAL TEST PIT NUMBER - 135
1360T136	1374T136	ORIGINAL TEST PIT NUMBER - 136
1528T138	1545T138	ORIGINAL TEST PIT NUMBER - 138
1528T139	1545T139	ORIGINAL TEST PIT NUMBER - 139
1528T140	1545T140	ORIGINAL TEST PIT NUMBER - 140
1528T141	1545T141	ORIGINAL TEST PIT NUMBER - 141
1586T142	1609T142	ORIGINAL TEST PIT NUMBER - 142
1586T143	1609T143	ORIGINAL TEST PIT NUMBER - 143
1586T144	1609T144	ORIGINAL TEST PIT NUMBER - 144
1586T145	1609T145	ORIGINAL TEST PIT NUMBER - 145
1586T146	1609T146	ORIGINAL TEST PIT NUMBER - 146
1586T147	1609T147	ORIGINAL TEST PIT NUMBER - 147
1586T148	1609T148	ORIGINAL TEST PIT NUMBER - 148
1598B132	n/a	ORIGINAL BOREHOLE NUMBER 78-132
1683B001	1703B001	ORIGINAL BOREHOLE NUMBER - 1
1683B002	1703B002	ORIGINAL BOREHOLE NUMBER - 2
1683B003	1703B003	ORIGINAL BOREHOLE NUMBER - 3
1683B004	1703B004	ORIGINAL BOREHOLE NUMBER - 4
1683B01A	1704B001	ORIGINAL BOREHOLE NUMBER - 1
1683B02A	1704B02A	ORIGINAL BOREHOLE NUMBER - 2
1683B03A	1704B03A	ORIGINAL BOREHOLE NUMBER - 3
1683B04A	1704B04A	ORIGINAL BOREHOLE NUMBER - 4
1796B133	n/a	ORIGINAL BOREHOLE NUMBER 78-133
1871B134	n/a	ORIGINAL BOREHOLE NUMBER 78-134
1892T171	1903T171	ORIGINAL TEST PIT NUMBER - 171
1892T172	1903T172	ORIGINAL TEST PIT NUMBER - 172
1946T167	1947T167	ORIGINAL TEST PIT NUMBER - 167
1946T168	1947T168	ORIGINAL TEST PIT NUMBER - 168
1946T169	1947T169	ORIGINAL TEST PIT NUMBER - 169
1946T170	1947T170	ORIGINAL TEST PIT NUMBER - 170
1977B135	n/a	ORIGINAL BOREHOLE NUMBER 78-135
1991B137	n/a	ORIGINAL BOREHOLE NUMBER 78-137
2007B138	n/a	ORIGINAL BOREHOLE NUMBER 78-138
2038B139	n/a	ORIGINAL BOREHOLE NUMBER 78-139
2060B140	n/a	ORIGINAL BOREHOLE NUMBER 78-140
2108T160	2108T160	ORIGINAL TEST PIT NUMBER - 160
2108T161	2108T161	ORIGINAL TEST PIT NUMBER - 161
2108T162	2108T162	ORIGINAL TEST PIT NUMBER - 162
2108T163	2108T163	ORIGINAL TEST PIT NUMBER - 163
2108T164	2108T164	ORIGINAL TEST PIT NUMBER - 164
2108T165	2108T165	ORIGINAL TEST PIT NUMBER - 165
2108T166	2108T166	ORIGINAL TEST PIT NUMBER - 166
2197B143	n/a	ORIGINAL BOREHOLE NUMBER 78-143
2288B144	n/a	ORIGINAL BOREHOLE NUMBER 78-144
2299B145	n/a	ORIGINAL BOREHOLE NUMBER 78-145
2350B001	2314B001	ORIGINAL BOREHOLE NUMBER - 1
2350B002	2316B002	ORIGINAL BOREHOLE NUMBER - 2
2350B003	2316B003	ORIGINAL BOREHOLE NUMBER - 3
2350B004	2316B004	ORIGINAL BOREHOLE NUMBER - 4
2350B005	2316B005	ORIGINAL BOREHOLE NUMBER - 5
2350B006	2316B006	ORIGINAL BOREHOLE NUMBER - 6
2350B01A	2316B001	ORIGINAL BOREHOLE NUMBER - 1
2350B01B	2325B001	ORIGINAL BOREHOLE NUMBER - 1
2350B01C	2342B001	ORIGINAL BOREHOLE NUMBER - 1
2350B02A	2325B02A	ORIGINAL BOREHOLE NUMBER - 2
2350B02B	2342B002	ORIGINAL BOREHOLE NUMBER - 2



DEMPSTER HIGHWAY GRANULAR SOURCE
BOREHOLE LOG DATABASE

SUMMARY OF "NEW" AND "OLD" BOREHOLE AND TEST PIT NUMBERS

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
2350B03A	2342B003	ORIGINAL BOREHOLE NUMBER - 3
2350T155	2398T155	ORIGINAL TEST PIT NUMBER - 155
2350T156	2389T156	ORIGINAL TEST PIT NUMBER - 156
2350T157	2389T157	ORIGINAL TEST PIT NUMBER - 157
2350T158	2389T158	ORIGINAL TEST PIT NUMBER - 158
2359B148	n/a	ORIGINAL BOREHOLE NUMBER 78-148
2372B149	n/a	ORIGINAL BOREHOLE NUMBER 78-149
2428B150	n/a	ORIGINAL BOREHOLE NUMBER 78-150
2440B001	2448B001	ORIGINAL BOREHOLE NUMBER - 1
2507B152	n/a	ORIGINAL BOREHOLE NUMBER 78-152
2572B155	n/a	ORIGINAL BOREHOLE NUMBER 78-155
3420B003	3424B003	ORIGINAL BOREHOLE NUMBER - 3
3420B016	3424B016	ORIGINAL BOREHOLE NUMBER - 16
3420B021	3424B021	ORIGINAL BOREHOLE NUMBER - 21
3420B022	3424B022	ORIGINAL BOREHOLE NUMBER - 22
3420B023	3424B023	ORIGINAL BOREHOLE NUMBER - 23
3420B025	3424B025	ORIGINAL BOREHOLE NUMBER - 25
3420B030	3424B030	ORIGINAL BOREHOLE NUMBER - 30
3420B031	3424B031	ORIGINAL BOREHOLE NUMBER - 31
3420B032	3424B032	ORIGINAL BOREHOLE NUMBER - 32
3420B037	3424B037	ORIGINAL BOREHOLE NUMBER - 37
3420B038	3424B038	ORIGINAL BOREHOLE NUMBER - 38
3420B040	3424B040	ORIGINAL BOREHOLE NUMBER - 40
3420B053	3424B053	ORIGINAL BOREHOLE NUMBER - 53
3420B054	3424B054	ORIGINAL BOREHOLE NUMBER - 54
3420B080	3424B080	ORIGINAL BOREHOLE NUMBER - 82
3420B082	3424B082	ORIGINAL BOREHOLE NUMBER - 82
3420B084	3424B084	ORIGINAL BOREHOLE NUMBER - 84
3420B108	3424B108	ORIGINAL BOREHOLE NUMBER - 108
3420B110	3424B110	ORIGINAL BOREHOLE NUMBER - 110
3524B163	n/a	ORIGINAL BOREHOLE NUMBER 78-163
3778B001	n/a	ORIGINAL BOREHOLE NUMBER 1
3778B002	n/a	ORIGINAL BOREHOLE NUMBER 2
3778B003	n/a	ORIGINAL BOREHOLE NUMBER 3
3778B004	n/a	ORIGINAL BOREHOLE NUMBER 4
3778B005	n/a	ORIGINAL BOREHOLE NUMBER 5
3778B006	n/a	ORIGINAL BOREHOLE NUMBER 6
3778B007	n/a	ORIGINAL BOREHOLE NUMBER 7
3778B008	n/a	ORIGINAL BOREHOLE NUMBER 8
3778BR11	n/a	ORIGINAL BOREHOLE NUMBER LR-11
3778BR12	n/a	ORIGINAL BOREHOLE NUMBER LR-12
3778BR13	n/a	ORIGINAL BOREHOLE NUMBER LR-13
3778BR14	n/a	ORIGINAL BOREHOLE NUMBER LR-14
3780BNE3	n/a	ORIGINAL BOREHOLE NUMBER DNE3
3788BNE6	n/a	ORIGINAL BOREHOLE NUMBER DNE6
3788BNE7	n/a	ORIGINAL BOREHOLE NUMBER DNE7
3788BNE8	n/a	ORIGINAL BOREHOLE NUMBER DNE8
3788BNE9	n/a	ORIGINAL BOREHOLE NUMBER DNE9
3810B166	n/a	ORIGINAL BOREHOLE NUMBER 78-166
3815B167	n/a	ORIGINAL BOREHOLE NUMBER 78-167
3911B058	n/a	ORIGINAL BOREHOLE NUMBER NW-58
3936B049	n/a	ORIGINAL BOREHOLE NUMBER NW-49
4170B002	4180B002	ORIGINAL BOREHOLE NUMBER - 259-B-2
4230B001	4230B001	ORIGINAL BOREHOLE NUMBER - 263-B-1
4230B002	4230B002	ORIGINAL BOREHOLE NUMBER - 263-B-2
4230B01A	4230B01A	ORIGINAL BOREHOLE NUMBER - 262-B-1
4329B002	4360B002	ORIGINAL BOREHOLE NUMBER - 270-B-RR2
4329B003	4360B003	ORIGINAL BOREHOLE NUMBER - 270-B-RR3
4329B004	4350B004	ORIGINAL BOREHOLE NUMBER - 270-B-RR4
4329B006	4360B006	ORIGINAL BOREHOLE NUMBER - 270-B-RR6
4329B007	4360B007	ORIGINAL BOREHOLE NUMBER - 271-B-RR7
4329B008	4360B008	ORIGINAL BOREHOLE NUMBER - 271-B-RR8
4329B009	4360B009	ORIGINAL BOREHOLE NUMBER - 271-B-RR9
4329B010	4360B010	ORIGINAL BOREHOLE NUMBER - 271-B-RR10
4329B016	4360B016	ORIGINAL BOREHOLE NUMBER - 270-B-RR16
4329B017	4360B017	ORIGINAL BOREHOLE NUMBER - 270-B-RR17
4329B018	4360B018	ORIGINAL BOREHOLE NUMBER - 270-B-RR18
4329B019	4360B019	ORIGINAL BOREHOLE NUMBER - 270-B-RR19



DEMPSTER HIGHWAY GRANULAR SOURCE
BOREHOLE LOG DATABASE

SUMMARY OF "NEW" AND "OLD" BOREHOLE AND TEST PIT NUMBERS

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
4329B171	n/a	ORIGINAL BOREHOLE NUMBER 78-171
4359B172	n/a	ORIGINAL BOREHOLE NUMBER 78-172
4460B001	4490B001	ORIGINAL BOREHOLE NUMBER - 279-C-NC1
4460B002	4490B002	ORIGINAL BOREHOLE NUMBER - 277-B-SC2
4460B003	4470B003	ORIGINAL BOREHOLE NUMBER - 277-B-SC3
4460B004	4470B004	ORIGINAL BOREHOLE NUMBER - 277-B-SC4
4460B005	4470B005	ORIGINAL BOREHOLE NUMBER - 277-B-SC5
4460B02A	4490B002	ORIGINAL BOREHOLE NUMBER - 278-B-NC2
4460B03A	4490B003	ORIGINAL BOREHOLE NUMBER - 278-B-NCB
4460B04A	4490B004	ORIGINAL BOREHOLE NUMBER - 278-B-NC4
4460B05A	4490B005	ORIGINAL BOREHOLE NUMBER - 278-B-NC5
4460T149	4426T149	ORIGINAL TEST PIT NUMBER - 149
4460T150	4426T150	ORIGINAL TEST PIT NUMBER - 150
4460T151	4426T151	ORIGINAL TEST PIT NUMBER - 151
4460T152	4426T152	ORIGINAL TEST PIT NUMBER - 152
4460T153	4426T153	ORIGINAL TEST PIT NUMBER - 153
4460T154	4426T154	ORIGINAL TEST PIT NUMBER - 154
4650B174	n/a	ORIGINAL BOREHOLE NUMBER 78-174
4667B176	n/a	ORIGINAL BOREHOLE NUMBER 78-177
4668B175	n/a	ORIGINAL BOREHOLE NUMBER 78-175
4999B179	n/a	ORIGINAL BOREHOLE NUMBER 78-179
5088B001	5128B001	ORIGINAL BOREHOLE NUMBER - 1
5088B002	5128B002	ORIGINAL BOREHOLE NUMBER - 2
5088B003	5128B003	ORIGINAL BOREHOLE NUMBER - 3
5088B004	5128B004	ORIGINAL BOREHOLE NUMBER - 4
5088B005	5218B005	ORIGINAL BOREHOLE NUMBER - 5
5088B006	5128B006	ORIGINAL BOREHOLE NUMBER - 6
5088B007	5128B007	ORIGINAL BOREHOLE NUMBER - 7
5088B008	5128B008	ORIGINAL BOREHOLE NUMBER - 8
5088B009	5128B009	ORIGINAL BOREHOLE NUMBER - 9
5088B010	5128B010	ORIGINAL BOREHOLE NUMBER - 10
5088B011	5128B011	ORIGINAL BOREHOLE NUMBER - 11
5088B312	5128B312	ORIGINAL BOREHOLE NUMBER - 312
5088B313	5128B313	ORIGINAL BOREHOLE NUMBER - 313
5088B314	5128B314	ORIGINAL BOREHOLE NUMBER - 314
5088B315	5128B315	ORIGINAL BOREHOLE NUMBER - 315
5088B316	5128B316	ORIGINAL BOREHOLE NUMBER - 316
5088B317	5128B317	ORIGINAL BOREHOLE NUMBER - 317
5088B318	5128B318	ORIGINAL BOREHOLE NUMBER - 318
5088B319	5128B319	ORIGINAL BOREHOLE NUMBER - 319
5088B320	5128B320	ORIGINAL BOREHOLE NUMBER - 320
5088B321	5128B321	ORIGINAL BOREHOLE NUMBER - 321
5088B322	5128B322	ORIGINAL BOREHOLE NUMBER - 322
5088B323	5128B323	ORIGINAL BOREHOLE NUMBER - 323
5088B590	5128B590	ORIGINAL BOREHOLE NUMBER - 1590
5088B593	5128B593	ORIGINAL BOREHOLE NUMBER - 1593
5088B595	5128B595	ORIGINAL BOREHOLE NUMBER - 1595
5456B220	5680B220	ORIGINAL BOREHOLE NUMBER - R-220
5456B221	5680B221	ORIGINAL BOREHOLE NUMBER - R-221
5677B041	5713B041	ORIGINAL BOREHOLE NUMBER - 41
5677B189	5713B189	ORIGINAL BOREHOLE NUMBER - R-189
5677B190	5713B190	ORIGINAL BOREHOLE NUMBER - R-190
5677B191	5713B191	ORIGINAL BOREHOLE NUMBER - R-191
5677B192	5713B192	ORIGINAL BOREHOLE NUMBER - R-192
5677B193	5713B193	ORIGINAL BOREHOLE NUMBER - R-193
5677B194	5713B194	ORIGINAL BOREHOLE NUMBER - R-194
5677B195	5713B195	ORIGINAL BOREHOLE NUMBER - R-195
5677B197	5713B197	ORIGINAL BOREHOLE NUMBER - R-197
5677B198	5713B198	ORIGINAL BOREHOLE NUMBER - R-198
5677B200	5713B200	ORIGINAL BOREHOLE NUMBER - R-200
5677B201	5713B201	ORIGINAL BOREHOLE NUMBER - R-201
5677B202	5713B202	ORIGINAL BOREHOLE NUMBER - R-202
5677B203	5713B203	ORIGINAL BOREHOLE NUMBER - R-203
5677B205	5713B205	ORIGINAL BOREHOLE NUMBER - R-205
5677B206	5713B206	ORIGINAL BOREHOLE NUMBER - R-206
5677B208	5713B208	ORIGINAL BOREHOLE NUMBER - R-208
5677B314	5713B314	ORIGINAL BOREHOLE NUMBER - R-314
5677B315	5713B315	ORIGINAL BOREHOLE NUMBER - R-315



DEMPSTER HIGHWAY GRANULAR SOURCE
BOREHOLE LOG DATABASE

SUMMARY OF "NEW" AND "OLD" BOREHOLE AND TEST PIT NUMBERS

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
5677B316	5713B316	ORIGINAL BOREHOLE NUMBER - R-316
5677B317	5713B317	ORIGINAL BOREHOLE NUMBER - R-317
5677B319	5713B319	ORIGINAL BOREHOLE NUMBER - R-319
5677B320	5713B320	ORIGINAL BOREHOLE NUMBER - R-320
5677B324	5713B324	ORIGINAL BOREHOLE NUMBER - R-324
5677B327	5713B327	ORIGINAL BOREHOLE NUMBER - R-327
5677B332	5713B332	ORIGINAL BOREHOLE NUMBER - R-332
5677B334	5713B334	ORIGINAL BOREHOLE NUMBER - R-334
5832B001	5620B001	ORIGINAL BOREHOLE NUMBER - 653-1
5832B01A	5650B001	ORIGINAL BOREHOLE NUMBER - 652-1
5832B071	5892B071	ORIGINAL BOREHOLE NUMBER - 71
5832B072	5892B072	ORIGINAL BOREHOLE NUMBER - 72
5832B083	5838B083	ORIGINAL BOREHOLE NUMBER - 83
5832B109	5878B109	ORIGINAL BOREHOLE NUMBER - R-109
5832B148	5892B148	ORIGINAL BOREHOLE NUMBER - R-148
5832B150	5892B150	ORIGINAL BOREHOLE NUMBER - R-150
5832B236	5892B236	ORIGINAL BOREHOLE NUMBER - C-236
5832B237	5892B237	ORIGINAL BOREHOLE NUMBER - R-237
5832B240	5892B240	ORIGINAL BOREHOLE NUMBER - R-240
5832B241	5892B241	ORIGINAL BOREHOLE NUMBER - R-241
5832B242	5892B242	ORIGINAL BOREHOLE NUMBER - R-242
5832B243	5892B243	ORIGINAL BOREHOLE NUMBER - C-243
5832B244	5892B244	ORIGINAL BOREHOLE NUMBER - R-244
5832B245	5892B245	ORIGINAL BOREHOLE NUMBER - R-245
5832B246	5892B246	ORIGINAL BOREHOLE NUMBER - R-246
5832B249	5878B249	ORIGINAL BOREHOLE NUMBER - R-249
5832B250	5878B250	ORIGINAL BOREHOLE NUMBER - R-250
5832B251	5878B251	ORIGINAL BOREHOLE NUMBER - R-251
5832B252	5838B252	ORIGINAL BOREHOLE NUMBER - R-252
5832B253	5858B253	ORIGINAL BOREHOLE NUMBER - R-253
5832B255	5858B255	ORIGINAL BOREHOLE NUMBER - R-255
5832B256	5858B256	ORIGINAL BOREHOLE NUMBER - R-256
5832B257	5858B257	ORIGINAL BOREHOLE NUMBER - R-257
5832B258	5858B258	ORIGINAL BOREHOLE NUMBER - R-258
5832B259	5858B259	ORIGINAL BOREHOLE NUMBER - R-259
5832B262	5858B262	ORIGINAL BOREHOLE NUMBER - R-262
5832B267	5868B267	ORIGINAL BOREHOLE NUMBER - R-267
5832B268	5868B268	ORIGINAL BOREHOLE NUMBER - R-268
5832B269	5868B269	ORIGINAL BOREHOLE NUMBER - R-269
5832B270	5868B270	ORIGINAL BOREHOLE NUMBER - R-270
5832B271	5868B271	ORIGINAL BOREHOLE NUMBER - R-271
5832B274	5868B274	ORIGINAL BOREHOLE NUMBER - R-274
5832B275	5868B275	ORIGINAL BOREHOLE NUMBER - R-275
5832B341	5831B341	ORIGINAL BOREHOLE NUMBER - R-341
5832B342	5831B342	ORIGINAL BOREHOLE NUMBER - R-342
5832B343	5831B343	ORIGINAL BOREHOLE NUMBER - R-343
5832T00A	5650T00A	ORIGINAL TEST PIT NUMBER - 652-A
5832T00B	5650T00B	ORIGINAL TEST PIT NUMBER - 652-B
5850B190	n/a	ORIGINAL BOREHOLE NUMBER 78-190
5910B001	5880B001	ORIGINAL BOREHOLE NUMBER - 650-1
5910B002	5880B002	ORIGINAL BOREHOLE NUMBER - 650-2
5910B003	5880B003	ORIGINAL BOREHOLE NUMBER - 650-3
5910B004	5880B004	ORIGINAL BOREHOLE NUMBER - 650-4
5910B005	5880B005	ORIGINAL BOREHOLE NUMBER - 650-5
5990B045	6010B045	ORIGINAL BOREHOLE NUMBER - R-45
5990B046	6010B046	ORIGINAL BOREHOLE NUMBER - R-46
5990B047	6010B047	ORIGINAL BOREHOLE NUMBER - R-47
5990B048	6010B048	ORIGINAL BOREHOLE NUMBER - R-48
5990B106	6010B106	ORIGINAL BOREHOLE NUMBER - 106
6090B001	6100B001	ORIGINAL BOREHOLE NUMBER - R-1
6090B002	6100B002	ORIGINAL BOREHOLE NUMBER - R-2
6090B003	6100B003	ORIGINAL BOREHOLE NUMBER - R-3
6090B011	6100B011	ORIGINAL BOREHOLE NUMBER - R-11
6090B139	6100B139	ORIGINAL BOREHOLE NUMBER - R-139
6090B141	6100B141	ORIGINAL BOREHOLE NUMBER - R-141
6090B142	6100B142	ORIGINAL BOREHOLE NUMBER - R-142
6113B012	6140B012	ORIGINAL BOREHOLE NUMBER - S-12
6480B195	n/a	ORIGINAL BOREHOLE NUMBER 78-195



DEMPSTER HIGHWAY GRANULAR SOURCE
BOREHOLE LOG DATABASE

SUMMARY OF "NEW" AND "OLD" BOREHOLE AND TEST PIT NUMBERS

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
6670B197	n/a	ORIGINAL BOREHOLE NUMBER 78-197
6700B264	6726B264	ORIGINAL BOREHOLE NUMBER - S-264
6700B265	6726B265	ORIGINAL BOREHOLE NUMBER - S-265
6700B266	6726B266	ORIGINAL BOREHOLE NUMBER - S-266
6700B267	6726B267	ORIGINAL BOREHOLE NUMBER - S-267
6700B268	6726B268	ORIGINAL BOREHOLE NUMBER - S-268
6700B269	6726B269	ORIGINAL BOREHOLE NUMBER - S-269
6700B270	6726B270	ORIGINAL BOREHOLE NUMBER - S-270
6700B271	6726B271	ORIGINAL BOREHOLE NUMBER - S-271
6700B272	6726B272	ORIGINAL BOREHOLE NUMBER - S-272
6720B062	6750B062	ORIGINAL BOREHOLE NUMBER - C-62A
6720B066	6750B066	ORIGINAL BOREHOLE NUMBER - C-66A
6720B067	6750B067	ORIGINAL BOREHOLE NUMBER C-67
6720B068	6762B068	ORIGINAL BOREHOLE NUMBER - C-68
6720B069	6762B069	ORIGINAL BOREHOLE NUMBER - C-69
6720B071	6762B071	ORIGINAL BOREHOLE NUMBER - C-71
6720B076	6762B076	ORIGINAL BOREHOLE NUMBER - C-76
6720B094	6790B094	ORIGINAL BOREHOLE NUMBER - 94
6720B224	6742B224	ORIGINAL BOREHOLE NUMBER - 224
6720B231	6762B231	ORIGINAL BOREHOLE NUMBER - 231
6720B278	6742B278	ORIGINAL BOREHOLE NUMBER - S-278
6720B279	6742B279	ORIGINAL BOREHOLE NUMBER - S-279
6720B280	6742B280	ORIGINAL BOREHOLE NUMBER - S-280
6720B281	6742B281	ORIGINAL BOREHOLE NUMBER - S-281
6720B283	6742B283	ORIGINAL BOREHOLE NUMBER - S-283
6720B285	6742B285	ORIGINAL BOREHOLE NUMBER - S-285
6720B286	6742B286	ORIGINAL BOREHOLE NUMBER - S-286
6800B083	6827B083	ORIGINAL BOREHOLE NUMBER - 83
6800B085	6827B085	ORIGINAL BOREHOLE NUMBER - 85
6800B109	6827B109	ORIGINAL BOREHOLE NUMBER - C-109
6800B110	6827B110	ORIGINAL BOREHOLE NUMBER - C-110
6800B111	6827B111	ORIGINAL BOREHOLE NUMBER - C-111
6900B057	6934B057	ORIGINAL BOREHOLE NUMBER - 57
6900B059	6934B059	ORIGINAL BOREHOLE NUMBER - 59
6900B064	6934B064	ORIGINAL BOREHOLE NUMBER - 64
6900B077	6869B077	ORIGINAL BOREHOLE NUMBER - 77
6900B131	6869B131	ORIGINAL BOREHOLE NUMBER - C-131
6900B151	6934B151	ORIGINAL BOREHOLE NUMBER - C-151
6900B153	6934B153	ORIGINAL BOREHOLE NUMBER - C-153
6900B156	6934B156	ORIGINAL BOREHOLE NUMBER - C-156
6900B158	6934B158	ORIGINAL BOREHOLE NUMBER - C-158
6900B199	n/a	ORIGINAL BOREHOLE NUMBER 78-199
7060B130	7043B130	ORIGINAL BOREHOLE NUMBER - 130
7060B132	7047B132	ORIGINAL BOREHOLE NUMBER - 132
7060B133	7043B133	ORIGINAL BOREHOLE NUMBER - 133
7060B135	7043B135	ORIGINAL BOREHOLE NUMBER - 135
7060B139	7059B139	ORIGINAL BOREHOLE NUMBER - 139
7060B147	7075B147	ORIGINAL BOREHOLE NUMBER - 147
7060B148	7081B148	ORIGINAL BOREHOLE NUMBER - 148
7060B149	7081B149	ORIGINAL BOREHOLE NUMBER - 149
7060B150	7081B150	ORIGINAL BOREHOLE NUMBER - 150
7060B152	7081B152	ORIGINAL BOREHOLE NUMBER - 152
7060B153	7081B153	ORIGINAL BOREHOLE NUMBER - 153
7060B245	7081B245	ORIGINAL BOREHOLE NUMBER - C-245
7060B246	7081B246	ORIGINAL BOREHOLE NUMBER - C-246
7060B248	7081B248	ORIGINAL BOREHOLE NUMBER - C-248
7060B249	7081B249	ORIGINAL BOREHOLE NUMBER - C-249
7060B250	7081B250	ORIGINAL BOREHOLE NUMBER - C-250
7060B251	7081B251	ORIGINAL BOREHOLE NUMBER - C-251
7060B252	7081B252	ORIGINAL BOREHOLE NUMBER - C-252
7060B254	7081B254	ORIGINAL BOREHOLE NUMBER - C-254
7060B255	7081B255	ORIGINAL BOREHOLE NUMBER - C-255
7060B257	7081B257	ORIGINAL BOREHOLE NUMBER - C-257
7060B258	7043B258	ORIGINAL BOREHOLE NUMBER - C-258
7060B260	7043B260	ORIGINAL BOREHOLE NUMBER - C-260
7060B261	7043B261	ORIGINAL BOREHOLE NUMBER - C-261
7060B262	7043B262	ORIGINAL BOREHOLE NUMBER - C-262
7060B263	7043B263	ORIGINAL BOREHOLE NUMBER - C-263



DEMPSTER HIGHWAY GRANULAR SOURCE
BOREHOLE LOG DATABASE

SUMMARY OF "NEW" AND "OLD" BOREHOLE AND TEST PIT NUMBERS

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
7060B264	7043B264	ORIGINAL BOREHOLE NUMBER - C-264
7060B265	7043B265	ORIGINAL BOREHOLE NUMBER - C-265
7060B266	7043B266	ORIGINAL BOREHOLE NUMBER - C-266
7060B267	7043B267	ORIGINAL BOREHOLE NUMBER - C-267
7060B268	7043B268	ORIGINAL BOREHOLE NUMBER - C-268
7060B270	7043B270	ORIGINAL BOREHOLE NUMBER - C-270
7060B271	7043B271	ORIGINAL BOREHOLE NUMBER - C-271
7060B272	7047B272	ORIGINAL BOREHOLE NUMBER - C-272
7060B273	7047B273	ORIGINAL BOREHOLE NUMBER - C-273
7060B278	7075B278	ORIGINAL BOREHOLE NUMBER - C-278
7060B279	7075B279	ORIGINAL BOREHOLE NUMBER - C-279
7124B154	7082B154	ORIGINAL BOREHOLE NUMBER - 154
7124B155	7089B155	ORIGINAL BOREHOLE NUMBER - 155
7124B156	7089B156	ORIGINAL BOREHOLE NUMBER - 156
7124B164	7103B164	ORIGINAL BOREHOLE NUMBER - 164
7124B165	7103B165	ORIGINAL BOREHOLE NUMBER - 165
7124B168	7113B168	ORIGINAL BOREHOLE NUMBER - 168
7124B170	7125B170	ORIGINAL BOREHOLE NUMBER - 170
7124B172	7125B172	ORIGINAL BOREHOLE NUMBER - 172
7124B215	7113B215	ORIGINAL BOREHOLE NUMBER - C-215
7124B222	7103B222	ORIGINAL BOREHOLE NUMBER - C-222
7124B223	7103B223	ORIGINAL BOREHOLE NUMBER - C-223
7124B225	7103B225	ORIGINAL BOREHOLE NUMBER - C-225
7124B230	7103B230	ORIGINAL BOREHOLE NUMBER - C-230
7124B233	7089B233	ORIGINAL BOREHOLE NUMBER - C-233
7124B234	7089B234	ORIGINAL BOREHOLE NUMBER - C-234
7124B235	7089B235	ORIGINAL BOREHOLE NUMBER - C-235
7124B236	7089B236	ORIGINAL BOREHOLE NUMBER - C-236
7124B239	7089B239	ORIGINAL BOREHOLE NUMBER - C-239
7124B243	7089B243	ORIGINAL BOREHOLE NUMBER - C-243
7124T453	7110T453	ORIGINAL TEST PIT NUMBER - 453-A
7154B040	7154B040	ORIGINAL BOREHOLE NUMBER - 40



List of Test Holes - Volume II of II

Sources km 194.7 to km 715.4

1947T167	1947T168	1947T169	1947T170	2108T160	2108T161	2108T162	2108T163
2108T164	2108T165	2108T166	2314B001	2316B001	2316B002	2316B003	2316B004
2316B005	2316B006	2325B001	2325B002	2342B001	2342B002	2342B003	2398T155
2398T156	2398T157	2398T158	2448B001	3424B003	3424B016	3424B021	3424B022
3424B023	3424B025	3424B030	3424B031	3424B032	3424B037	3424B038	3424B040
3424B053	3424B054	3424B080	3424B082	3424B084	3424B108	3424B110	4180B002
4230B001	4230B002	4230B01A	4350B004	4360B002	4360B003	4360B006	4360B007
4360B008	4360B009	4360B010	4360B016	4360B017	4360B018	4360B019	4426T149
4426T150	4426T151	4426T152	4426T153	4426T154	4470B002	4470B003	4470B004
4470B005	4490B001	4490B002	4490B003	4490B004	4490B005	5128B001	5128B002
5128B003	5128B004	5128B005	5128B006	5128B007	5128B008	5128B009	5128B010
5128B011	5128B312	5128B313	5128B314	5128B315	5128B316	5128B317	5128B318
5128B319	5128B320	5128B321	5128B322	5128B323	5128B590	5128B593	5128B595
5620B001	5650B001	5650T00A	5650T00B	5680B220	5680B221	5713B041	5713B189
5713B190	5713B191	5713B192	5713B193	5713B194	5713B195	5713B197	5713B198
5713B200	5713B201	5713B202	5713B203	5713B205	5713B206	5713B208	5713B314
5713B315	5713B316	5713B317	5713B319	5713B320	5713B324	5713B327	5713B332
5713B334	5831B341	5831B342	5831B343	5838B083	5858B252	5858B253	5858B255
5858B256	5858B257	5858B258	5858B259	5858B262	5868B267	5868B268	5868B269
5868B270	5868B271	5868B274	5868B275	5878B109	5878B249	5878B250	5878B251
5880B001	5880B002	5880B003	5880B004	5880B005	5892B071	5892B072	5892B148
5892B150	5892B236	5892B237	5892B240	5892B241	5892B242	5892B243	5892B244
5892B245	5892B246	6010B045	6010B046	6010B047	6010B048	6010B106	6100B001
6100B002	6100B003	6100B011	6100B139	6100B141	6100B142	6140B012	6726B264
6726B265	6726B266	6726B267	6726B268	6726B269	6726B270	6726B271	6726B272
6742B224	6742B278	6742B279	6742B280	6742B281	6742B283	6742B285	6742B286
6750B062	6750B066	6750B067	6762B068	6762B069	6762B071	6762B076	6762B231
6790B094	6827B083	6827B085	6827B109	6827B110	6827B111	6869B077	6869B131
6934B057	6934B059	6934B064	6934B151	6934B153	6934B156	6934B158	7043B130
7043B133	7043B135	7043B258	7043B260	7043B261	7043B262	7043B263	7043B264
7043B265	7043B266	7043B267	7043B268	7043B270	7043B271	7047B132	7047B272
7047B273	7059B139	7075B147	7075B278	7075B279	7081B148	7081B149	7081B150
7081B152	7081B153	7081B245	7081B246	7081B248	7081B249	7081B250	7081B251
7081B252	7081B254	7081B255	7081B257	7082B154	7089B155	7089B156	7089B233
7089B234	7089B235	7089B236	7089B239	7089B243	7103B164	7103B165	7103B222
7103B223	7103B225	7103B230	7110T453	7113B168	7113B215	7125B170	7125B172
7154B040							

SOURCE 094.6B
REPORT DHC-056.

194.6 1946T167

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~194.7~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. 1947T167
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7251100 E625800	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 167	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SAND (SM) - silty	
			GRAVEL and SAND (GP) - trace of silt	
1.0	■			GP
2.0			- wet to saturated at 1.8m water at 1.8m upon completion	
			END OF TEST PIT AT 2.4m - M.P. 121 on left side of highway	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.4 m		COMPLETE 78/09/25
LOGGED BY TM	DWG NO.	Page 1 of 1

Source 0194.68
Report DHC-056
194.6

1946T168

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~194.7~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~19477168~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7251100 E625800	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 168	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SAND (SW) – gravelly, trace of silt	
1.0	■		GRAVEL and SAND (GP) – trace of silt – wet to saturated at 1.2m, water at 1.2 upon completion	GP
2.0			END OF TEST PIT AT 1.5m – M.P. 121 on right of highway	

PLASTIC — M.C. — LIQUID (20 40 60 80)

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 1.5 m		COMPLETE 78/09/25
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE 0194.68
REPORT DHC-056

194.6 194/BT169

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~194.7~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~194/TP169~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7251100 E625800	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 169	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) – some sand, trace of silt, cobbles throughout	
1.0	■			GP
2.0			– wet to saturated at 2.1m – water at 2.1m upon completion	
			END OF TEST PIT AT 2.4m – M.P. 121 on right of highway	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.4 m		COMPLETE 78/09/25
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE 0194.6B
REPORT DHC-056

1946 1947-170

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~194.7~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1947-170~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7251100 E625800	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 170	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC SILT (OL)	
			GRAVEL (GP) – sandy, trace of silt, shale fragments throughout	GP
1.0				
2.0			– hole sloughing badly at 2.1m	
			END OF TEST PIT AT 2.1m	
			– M.P. 121 on right side of highway	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.1 m		COMPLETE 78/09/25
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE 0210.8L
REPORT DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 210.8 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 21087160
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7262000 E629400	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 160	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC SILT (OL)	
1.0	■		GRAVEL (GP) – some sand, trace of silt, occasional cobbles	GP
2.0	■			GP
3.0			END OF TEST PIT AT 3.0m – M.P. 131 on left of highway, old rig site	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 78/09/25
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE:0210.8L
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 210.8 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 21087161
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7262000 E629400	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 161	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - clayey, some sand	
1.0			- no samples collected	
2.0			END OF TEST PIT AT 1.8m - M.P. 131 at airstrip, edge of tarmac area	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 1.8 m		COMPLETE 78/09/25
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE REPORT 0210.8L DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 210.8 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 2108T162
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7262000 E629400	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 162	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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 of silt, occasional cobbles				0.0
1.0			END OF TEST PIT AT 0.9m - M.P. 131 at airstrip				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							
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 0.9 m		COMPLETE 78/09/25
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE 0210.8L
REPORT DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 210.8 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 2108T163
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7262000 E629400	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 163	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC SILT (OL)	
			GRAVEL (GP) - sandy, trace of silt, occasional cobbles	GP
3.7			END OF TEST PIT AT 3.7m - M.P. 131 on road from campsite into town	

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.7 m	COMPLETE 78/09/25
LOGGED BY TM	DWG NO.

SOURCE REPORT 0210.8L DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 210.8 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 2108T164
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7262000 E629400	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 164	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SAND and GRAVEL (SW) – trace of silt	
1.0			GRAVEL (GP) – some sand, trace of silt, occasional cobble	GP
2.0	■			
3.0			– wet to saturated at 3.3m, water at 3.3 upon completion	
4.0			END OF TEST PIT AT 3.7m – M.P. 131, 65m from river bank	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.7 m		COMPLETE 78/09/25
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE REPORT 0210.8L DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 210.8 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 2108T165
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7262000 E629400	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 165	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) – some sand, trace of silt, occasional cobble	
1.0	■	1		GP
			– wet to saturated at 1.8m, water at 1.8m upon completion	
2.0			END OF TEST PIT AT 1.8m – MP 131	

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 1.8 m		COMPLETE 78/09/25
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE REPORT 0210.8L DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 210.8 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 2108T166
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7262000 E629400	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 166	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS (OL)				0.0
			GRAVEL (GP) – some sand, trace of silt, occasional cobble				
1.0	■	1		GP			2.0 / 4.0
			– refusal at 1.5m				
			END OF TEST PIT AT 1.5m – M.P. 131 along road to river				
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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 1.5 m | COMPLETE 78/09/25

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

SOURCE 0235.0B
REPORT DHC-056

235.0 R/L 2350B001

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~231.4~~ YUKON, ~~RIGHT~~ OF HIGHWAY	BOREHOLE No. ~~2314B001~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7280900 E631450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL)	
			SILT (ML) – some clay, some fine sand, frozen	
			SAND (SP-SM) – gravelly, trace of silt	
1.0				
2.0	■	1		SP-SM
3.0				
4.0				
			END OF BOREHOLE AT 4.5m – MP 143.8, 15m on right of highway	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.5 m		COMPLETE 78/ /
LOGGED BY TF	DWG NO.	Page 1 of 1

SOURCE REPORT 0235.0B DHC-056

235.0 e/L 2350B01a

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~237.6~~ YUKON, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~2316B004~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7281100 E631500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL)	
			ORGANIC SILT (OL) – some clay, frozen	
1.0				
2.0	■	1		
3.0				
4.0			GRAVEL (GP) – sandy, trace of silt	
			END OF BOREHOLE AT 4.5m – MP 143.9, 50m left of highway	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.5 m	COMPLETE 78/ /	
LOGGED BY TF	DWG NO.	Page 1 of 1

SOURCE REPORT 0235.08 DHC-056

235.0 R/L

23508002

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~231.8~~ YUKON, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~23168002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7281100 E631500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL)	
			ORGANIC SILT (OL) – some clay, frozen	
1.0				
2.0	■	1	GRAVEL and SAND (GW) – trace of silt, frozen	GW
3.0				
4.0				
5.0				
6.0			– silt lenses below 6.4m	
7.0				
8.0				
9.0			END OF BOREHOLE AT 9.1m – MP 143.9, 50m left of highway	
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 78/ /
LOGGED BY TF	DWG NO.	Page 1 of 1

SOURCE REPORT 0235.0B DHC-056

235.0 R/L 2350B003

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~231.0~~ YUKON, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~2316B006~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7281100 E631500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 3	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ▨ NO RECOVERY ▩ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS (OL)				0.0
			SILT (ML) - clayey, some sand, frozen				
1.0							4.0
			GRAVEL (GP) - sandy, trace of silt				
2.0	■	1		GP	●	▲ ● ■	6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
			END OF BOREHOLE AT 4.5m - M.P. 143.9, 50m left of highway				
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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.5 m	COMPLETE 78/ /	
LOGGED BY TF	DWG NO.	Page 1 of 1

SOURCE 0235.0B
REPORT DHC-056

235.0 R/L

23508004

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~231.8~~ YUKON, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~23167004~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7281100 E631500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 4	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL)	
			SILT (ML) – some clay, some sand, frozen	
1.0				
2.0			GRAVEL and SAND (GW) – trace of silt, frozen	
	■	1		GP
3.0				
4.0				
			END OF BOREHOLE AT 4.5m – M.P. 143.9, 50m left of highway	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.5 m	COMPLETE 78/ /	
LOGGED BY TF	DWG NO.	Page 1 of 1

SOURCE REPORT

0255.08 DHC-056

235.0 R/L

2350B005

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~231.6~~ YUKON, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~2316B005~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7281100 E631500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 5	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL)	
			ORGANIC SILT (OL) – some clay, some fine sand, frozen, non-plastic	
2.0	■	1		
3.0			GRAVEL and SAND (GW-GM) – trace of silt	
4.0	■	2		GW-GM
			END OF BOREHOLE AT 4.5m – M.P. 143.9, 110m on left of highway	
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.5 m | COMPLETE 78/ /

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

SOURCE REPORT 0235.0B DHC-056

235.0 R/L 235OB006

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~237.6~~ YUKON, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~235OB006~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7281100 E631500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 6	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL)	
			SILT (ML) – some clay, some sand, frozen	
2.0	■	1	GRAVEL (GP) – sandy, trace of silt	GP
5.0			END OF BOREHOLE AT 4.5m – M.P. 143.9, 110m left of highway	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.5 m	COMPLETE 78/ /	
LOGGED BY TF	DWG NO.	Page 1 of 1

SOURCE REPORT 0235.08 DHC-056

235.0 R/L 2350801

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~2325~~ YUKON, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~2325~~ 0001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7282000 E631600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL)	
			SILT (ML) - some clay, some fine sand, frozen with visible ice	
2.0			GRAVEL (GW) - sandy, trace of silt, frozen	
	■	1		GW
4.0			END OF BOREHOLE AT 4.5m - MP 144.5, 50m left of highway	
10.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.5 m	COMPLETE 78/ /	
LOGGED BY TF	DWG NO.	Page 1 of 1

SOURCE REPORT 0235.0B PHC-056

235.0 R/L 235080029

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~232.6~~ YUKON, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~2325B002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7282000 E631600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL)	
			SILT (ML) – some clay, some fine sand, frozen	
1.0				
			GRAVEL and SAND (GW) – trace of silt, frozen (excess ice?)	
2.0	■	1		GW
3.0				
4.0				
			END OF BOREHOLE AT 4.5m – M.P. 144.5, 50m left of highway	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.5 m		COMPLETE 78/ /
LOGGED BY TF	DWG NO.	Page 1 of 1

SOURCE REPORT 0235.0B DHC-056

235.0 D/L 2350801C

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~234.2~~ YUKON, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~2342B001~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7283800 E631700	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL)	
			SILT (ML) – some clay, some fine sand, frozen	
1.0				
			GRAVEL AND SAND (GP) – trace of silt, frozen with excess ice	
2.0				
	■	1		GP
3.0				
4.0				
			END OF BOREHOLE AT 4.5m – MP 145.5, 30m on left of highway	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.5 m		COMPLETE 78/ /
LOGGED BY TF	DWG NO.	Page 1 of 1

SOURCE REPORT

0235.0B
DHC-056

235.0 R/L

2350B026

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~234.2~~ YUKON, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~2342B002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7283800 E631700	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL)	
			SILT (ML) – some clay, some fine sand	
1.0				
			GRAVEL and SAND (GP) – trace of silt, cobbles and boulders throughout, frozen	
2.0	■	1		GP
3.0				
4.0				
			END OF BOREHOLE AT 4.5m – M.P. 145.5, 65m left of highway	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.5 m	COMPLETE 78/ /	
LOGGED BY TF	DWG NO.	Page 1 of 1

SOURCE REPORT. 0235.0B DHC-056

2350 R/L 2350B039

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~234.2~~ YUKON, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~2342D003~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7283800 E631700	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 3	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL)	
			SILT (ML) - some clay, some fine sand, frozen	
1.0				
			GRAVEL and SAND (GP-GM) - trace of silt, frozen	
2.0	■	1		GP-GM
3.0				
4.0				
			END OF BOREHOLE AT 4.5m - M.P. 145.5, 50m left of highway	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.5 m		COMPLETE 78/ /
LOGGED BY TF	DWG NO.	Page 1 of 1

SOURCE REPORT

0235.0B
DHC-056

235.0 R/L

2350T155

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~239.8~~ YUKON, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~239BT155~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7288900 E633600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 155	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL and SAND (GP) - trace of silt	
1.0	■	1	- saturated at 0.9m, water at 0.9m upon completion	GP
2.0			- sloughing badly at 2.1m	
			END OF TEST PIT AT 2.1m - km 239.8 on left side of highway	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.1 m	COMPLETE 78/09/23
LOGGED BY TM	DWG NO.

SOURCE REPORT 0235.0B DHC-05

235.0 R/L 2350T156

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~239.8~~ YUKON, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~23987156~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7288900 E633600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 156	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC COVER	
			SILT (ML) - sandy, some gravel	
			GRAVEL (GP) - some sand, trace of silt	
1.0	■	1		GP
2.0	■		- saturated at 1.8m, water at 1.8m upon completion	
3.0			- sloughing badly by 3.0m	
			END OF TEST PIT AT 3.0m	
			- km 239.8 on left of highway	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 78/09/23
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE REPORT 0235.0B DHC-056

235.0 RL 2350T157

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~239.8~~ YUKON, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~2398T157~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7288900 E633600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 157	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC COVER	
			SILT (ML) - some sand, trace of silt	
			GRAVEL (GP) - some sand, trace of silt	
1.0	■			
2.0	■	1		GP
	■		- saturated at 2.4m, water at 2.4m upon completion	
3.0			END OF TEST PIT AT 3.0m	
			- km 239.8 on left of highway	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 78/09/23
LOGGED BY TM	DWG NO.

SOURCE REPORT 0235.0B DHC-056

235.0 R/L 23507158

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~239.8~~ YUKON, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~23987158~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7288900 E633600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 158	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC COVER	
			SILT (ML) - some sand, some gravel	
			GRAVEL (GP) - some sand, trace of silt	
1.0	■	1		GP
2.0			- saturated by 2.4m, water at 2.4m upon completion	
3.0			END OF TEST PIT AT 3.0m - km 239.8 on left of highway	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 78/09/23
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE REPORT 0244.0R PHC-056

2440 2440B001

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~2440~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~2440B001~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7291200 E362900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL)	
			SAND (SM) – gravelly, some silt	
1.0				
2.0	■	1		SM
3.0				
4.0				
			END OF BOREHOLE AT 4.5m – M.P. 152.1, 50m right of highway	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.5 m		COMPLETE 78/ /
LOGGED BY TF	DWG NO.	Page 1 of 1

SOURCE REPORT 0342.0L N/9

342.0 3420B003

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~342.4~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~3424B003~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 3	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRANULAR ROAD FILL	
1.0			PEAT (PT)	
			SAND (SW) - gravelly, trace of silt, gravel up to 25mm dia.	
3.0	■	1		SW
6.0			BEDROCK - sandstone	
9.0			- shale below 9.2m	
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 12.0 m		COMPLETE 77/03/
LOGGED BY DA	DWG NO.	Page 1 of 2

342.0

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~342.4~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~3424B003~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 3	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
10.0							
11.0							34.0
12.0							36.0
			END OF BOREHOLE AT 12.2m - M.P. 215, left of highway				38.0
13.0							40.0
14.0							42.0
15.0							44.0
16.0							46.0
17.0							48.0
18.0							50.0
19.0							52.0
20.0							54.0
							56.0
							58.0
							60.0
							62.0
							64.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 12.0 m	COMPLETE 77/03/
LOGGED BY DA	DWG NO.

SOURCE REPORT 0342.01 n/a

3420 3420B016

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~342.4~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~3424B016~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 16	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
1.0			SAND (SW-SM) - trace of gravel, trace of silt, gravel up to 12mm dia. - excess ice between 1.0 and 1.5m	
2.0	■			
3.0	■	1		SW-SM
4.0	■			
5.0			BEDROCK - sandstone, siltstone, and shale	
6.0			- becomes competent sandstone below 6.0m	
7.0				
8.0				
9.0			END OF BOREHOLE AT 9.1m - M.P. 215 on left of highway	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 77/08/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE REPORT 0342.0L n/q

342.0 3420B021

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~342.4~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~3424B021~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 21	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
			ORGANIC SILT (OL) – frozen with excess ice	
1.0				
			SAND (SW-SM) – some gravel to gravelly, trace of silt, gravel up to 25mm dia.	
2.0		1	– high ice content from 1.5 to 3.0m	SW-SM
3.0				
4.0		1		SW-SM
5.0				
6.0			BEDROCK – sandstone	
7.0				
8.0				
9.0			END OF BOREHOLE AT 9.0m – M.P. 251, left of highway	
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.0 m		COMPLETE 77/08/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE REPORT 0342.0L n/a

342.0 3420B022

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~342.4~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~3424B022~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 22	ELEVATION 0.000 (m)

SAMPLE TYPE: GRAB | NO RECOVERY | SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SAND (SW-SM) - roadfill, gravelly, trace of silt	
1.0			PEAT (PT)	
			ORGANIC SILT (OL) - frozen	
2.0			SAND (SW-SM) - gravelly, trace of silt	
3.0				
4.0		1		SW-SM
5.0				
6.0				
7.0			BEDROCK - sandstone	
8.0				
9.0			END OF BOREHOLE AT 9.0 - M.P. 215, left of highway	
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

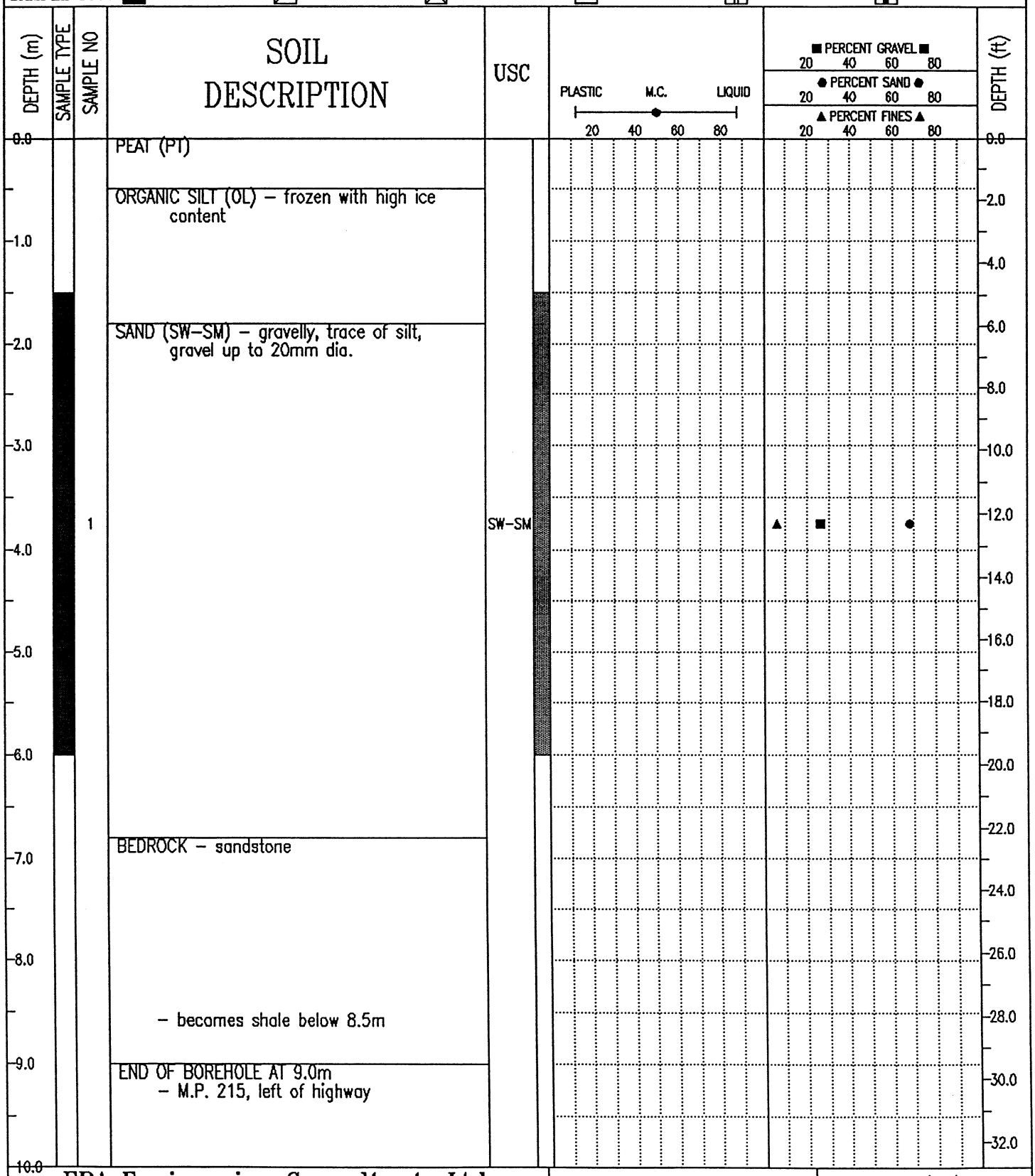
COMPLETION DEPTH 9.0 m		COMPLETE 77/03/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE REPORT 0342.0L n/9

342.0 3420B023

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~342.4~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~3424B023~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 23	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON



EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.0 m		COMPLETE 77/03/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE REPORT 0342.01 n/a

342.0 3420B025

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~3424~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~3424B025~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 25	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
			ORGANIC SILT (OL) - frozen with high ice content	
1.0				
			SAND (SW-SM) - trace of silt, trace of gravel	
2.0		1		SW-SM
3.0				
4.0		2		SW-SM
5.0				
6.0			BEDROCK - sandstone	
7.0				
8.0			- becomes shale below 8.0m	
9.0			END OF BOREHOLE AT 9.0m - M.P. 215 left of highway	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.0 m		COMPLETE 77/08/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE REPORT 0342.OL n/a

~~342.0~~ 34208030

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~342.4~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~34240030~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 30	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
			ORGANIC SILT (OL) - some fine sand, frozen with very high ice content	
1.0				
2.0			SAND (SW-SM) - some gravel to gravelly below 3.0, trace of silt	
3.0	■		- coarser below 3.0m with gravel up to 25mm dia.	
4.0	■	1		SW-SM
5.0	■			
			SANDSTONE CONGLOMERATE	
6.0			BEDROCK - sandstone	
7.0				
8.0			END OF BOREHOLE AT 8.4m - M.P. 215 on left of highway	
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 8.4 m		COMPLETE 77/03/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE REPORT 0342.01 n/a

342.0 3420B031

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~327~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~3424B03E~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 31	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
			SILT (ML) - some fine sand	
1.0			SAND (SW-SM) - gravelly, trace of silt	
2.0				
			- becomes SAND and GRAVEL (SW-SM), trace of silt below 2.5m	
3.0		1		SW-SM
4.0				
5.0				
			BEDROCK - sandstone	
6.0				
7.0				
			- becomes shale below 7.7m	
8.0				
9.0			END OF BOREHOLE AT 9.0m - M.P. 215 left of highway	
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.0 m		COMPLETE 77/08/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE REPORT 0342.0L n/9

340.0 3420B032

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~347.1~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~3424B032~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 32	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
			ORGANIC SILT (OL) - some clay, some fine sand frozen with high ice content	
1.0				
2.0			SAND and GRAVEL (SW-SM) - trace of silt, gravel up to 25mm dia.	
3.0		1		SW-SM
4.0				
5.0			BEDROCK - sandstone	
6.0				
7.0				
8.0			- shale below 8.2m	
			END OF BOREHOLE AT 8.2m - M.P. 215, left of highway	
9.0				
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 8.2 m		COMPLETE 77/03/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE 0342.0L
REPORT n/9

342.0 LEFT 342OB037

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~342.4~~ YUKON, ~~RIGHT~~ OF HIGHWAY	BOREHOLE No. ~~342.4B037~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 37	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
			ORGANIC SILT (OL) - some fine sand, some clay frozen with very high ice content	
1.0			SAND (SW-SM) - gravelly, trace of silt	
2.0				
3.0			- becoming slightly coarser with more gravel below 3.0m	
		1		SW-SM
4.0				
5.0				
6.0			BEDROCK - sandstone	
7.0				
8.0			- becomes shale at 8.1m	
9.0			END OF BOREHOLE AT 9.0m - M.P. 215 right of highway	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.0 m		COMPLETE 77/08/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE REPORT 0342.0L N19

342.0 3420B038

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~342~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~3424B038~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 38	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
			ORGANIC SILT (OL) - some fine sand, some clay frozen with very high ice content	
1.0				
2.0				
			SAND (SW-SM) - gravelly, some to trace of silt, gravel up to 20mm dia.	
3.0		1		SW-SM
4.0				
5.0				
		2		SW-SM
6.0				
7.0			BEDROCK - sandstone	
8.0				
9.0			END OF BOREHOLE AT 9.0m - M.P. 215 right of highway	
10.0				

PLASTIC · M.C. · LIQUID (20 40 60 80)

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.0 m		COMPLETE 77/03/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE REPORT 0342.01 n/9

342.0 3420B040

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~342~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~3424B040~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 40	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
			ORGANIC SILT (OL) - some clay, some fine sand frozen with high ice content	
1.0				
2.0				
			SAND (SM) - some gravel, some silt, gravel up to 25mm dia.	
3.0				
4.0		1		SM
5.0				
			SANDSTONE and SHALE	
			SAND (SM) - some gravel, some silt	
6.0			BEDROCK - sandstone	
7.0				
			END OF BOREHOLE AT 7.8m - M.P. 215 right of highway	
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 7.8 m		COMPLETE 77/03/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE REPORT 0342.01 n/9

3420 3420B053

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~3474~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~3424B053~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 53	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT and ICE (PT)	
			SILT (ML) – clayey, some fine sand	
1.0			– ice at 1.4m	
	■	1	SAND (SW–SM) – some gravel, trace of silt, gravel up to 20mm dia.	SW–SM
2.0				
3.0				
4.0			BEDROCK – sandstone	
			– shale from 4.3 to 4.6m	
			– sandstone below 4.6m	
5.0				
6.0			END OF BOREHOLE AT 6.0m	
			– M.P. 215 right of highway	
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.0 m		COMPLETE 77/03/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE 0342.0L
REPORT n/9

342.0 3420054

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~2424~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~3424~~ 3420054
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 54	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT and ICE (PT)	
			ORGANIC SILT (OL) and ICE – clayey	
1.0				
2.0			SAND (SW–SM) – trace of gravel, trace of silt, gravel up to 12mm dia.	
3.0				
4.0		1		SW–SM
5.0				
			BEDROCK – sandstone	
6.0				
7.0				
8.0				
9.0			END OF BOREHOLE AT 9.0m – M.P. 215 right of highway	
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.0 m		COMPLETE 77/08/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE 0342.OL
REPORT n/a

3420 34208080

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~3424~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~34248080~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 82	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
			ORGANIC SILT (OL) - some clay, some fine sand	
1.0				
2.0			SAND (SW-SM) - some gravel, trace of silt, gravel up to 20mm dia.	
3.0	■			SW-SM
4.0	■		CONGLOMERATE AND SANDSTONE	SW-SM
5.0	■			SW-SM
6.0	■			SW-SM
7.0			BEDROCK - competant sandstone	
8.0				
9.0			END OF BOREHOLE AT 9.0m - M.P. 215 left of highway	
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.0 m		COMPLETE 77/03/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE REPORT 0342.01 n/9

342.0 3420B082

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~342.4~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~3421B082~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 82	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT and ICE (PT)	
			ORGANIC SILT (OL) and ICE - some clay, some fine sand	
1.0			SAND (SW-SM) - some gravel, trace of silt, up to 20mm dia.	SW-SM
2.0				
3.0			BEDROCK - sandstone	
4.0				
5.0				
6.0			END OF BOREHOLE AT 6.0m - M.P. 215 left of highway	
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.0 m		COMPLETE 77/03/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE REPORT 0342 OL n/9

342.0 3420B084

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~342.4~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~342.4B084~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 84	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT and ICE (PT)	
			ORGANIC SILT and ICE (OL) - some clay, some fine sand	
1.0			SAND (SW-SM) - some gravel, trace of silt	
2.0			- becomes coarser with gravel up to 2 below 2.1m	SW-SM
3.0			BEDROCK - sandstone	
4.0				
5.0				
6.0			END OF BOREHOLE AT 6.0m - M.P. 215 left of highway	
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.0 m		COMPLETE 77/08/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE REPORT 0342-OL n/a

342.0

3420B108

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~3424~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~3424B108~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 108	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
			ORGANIC SILT (OL) – some clay, some fine sand	
1.0				
			SAND (SW–SM) – gravelly, trace of silt, gravel up to 20mm diameter, becomes coarser below 2.4m, up to 25mm diameter	
2.0		1		SW–SM
3.0			CONGLOMERATE	
4.0			BEDROCK – sandstone	
5.0				
6.0				
7.0			– becomes shale below 7.4m	
8.0				
9.0			END OF BOREHOLE AT 9.0m – MP 215 on left of highway	
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.0 m		COMPLETE 77/08/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: REPORT 0342.0L n/a

342.0

3420B110

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~342.4~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~3424/110~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7347500 E414500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 110	ELEVATION 0.000 (m)

SAMPLE TYPE: GRAB; NO RECOVERY; SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT and ICE (PT)	
1.0			SAND (SM) - some silt, trace of gravel	
2.0		1		SM
3.0			- becomes SAND (SW-SM) - some gravel, some silt with gravel up to 20mm dia. below 2.9m	
4.0				
5.0			BEDROCK - shale - becomes sandstone below 5.2m	
6.0			END OF BOREHOLE AT 6.0m - M.P. 215 left of highway	
7.0				
8.0				
9.0				
10.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.0 m		COMPLETE 77/08/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE REPORT 0417.0R DH C-047

417.0 4170R002

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~418.0~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~41807002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7399000 E440200	Project No: 0201-4890
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 259-B-2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0				
	■	1	SILT (ML) - sandy, some gravel, some clay	
1.0				
	■	2	SAND and SILT (SM) - gravelly, trace to some clay	SM
2.0				
	■	3	- finer with depth - shale fragments throughout	SM
3.0				
	■	4	SHALE - black, decomposed, soft to medium	
4.0				
	■	5	END OF BOREHOLE AT 4.6m - MP 259 - STA 2203+00 on right of highway	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

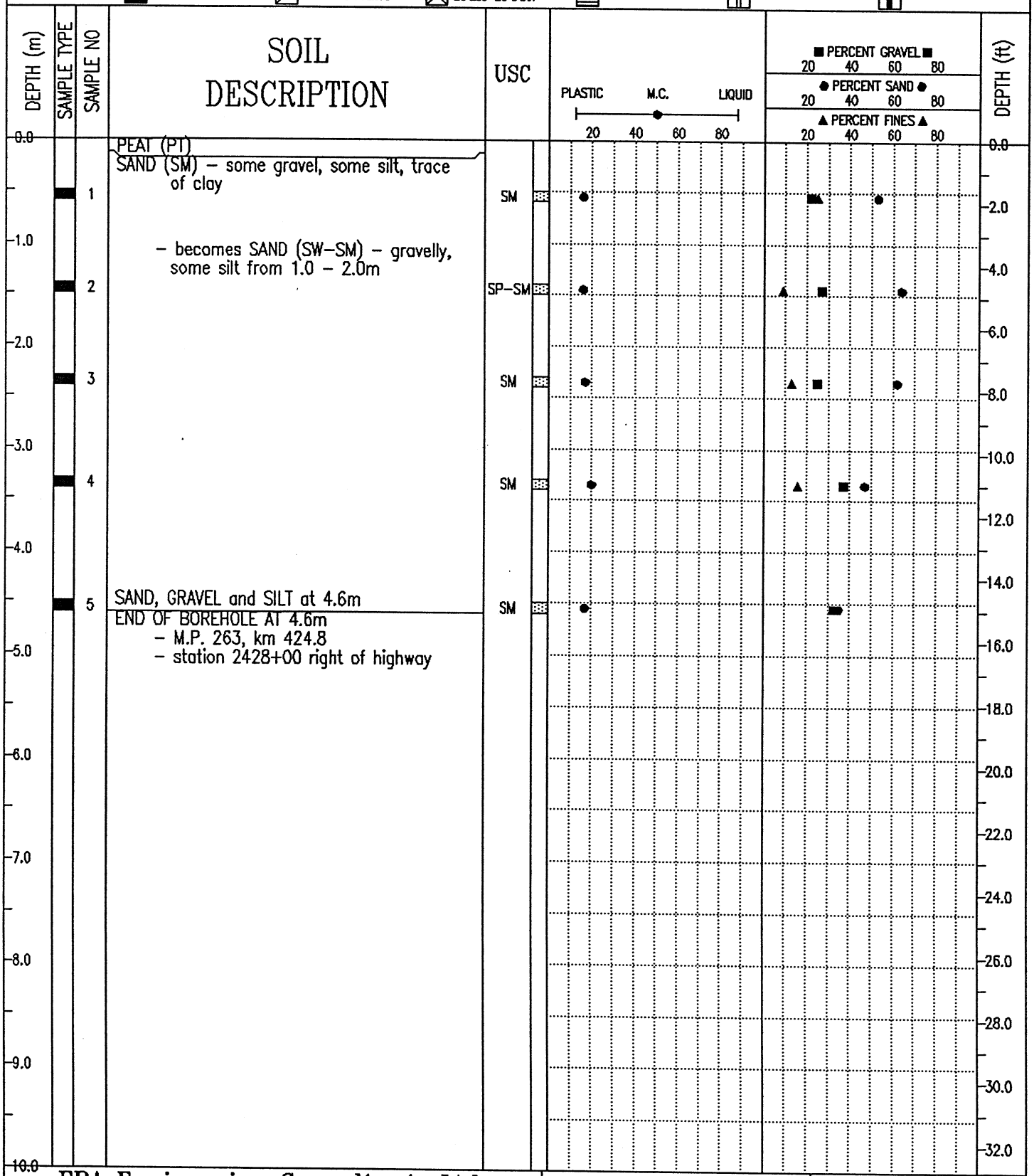
EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.6 m		COMPLETE 76/12/10
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 04R3.OR DHC-047

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 423.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 4230B001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7404000 E440500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 263-B-1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON



EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.6 m		COMPLETE 76/12/08
LOGGED BY	DWG NO.	Page 1 of 1

Source Report 0423.0 DHC-047

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 423.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 4230B002
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7404000 E440500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 263-B-2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SHALE - siltstone on surface	
		1	SAND (SW-SM) - gravelly, some to trace of silt, loose	SM
1.0				
		2		SW-SM
2.0			SHALE - black, decomposed, soft, loose	
		3		
3.0				
4.0				
		4		
5.0				
6.0		5		
7.0			- soft - medium hard	
		6		
8.0				
9.0		7		
			END OF BOREHOLE AT 9.1m - M.P. 263, km 424.3 - station 2413+00 right of highway	
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

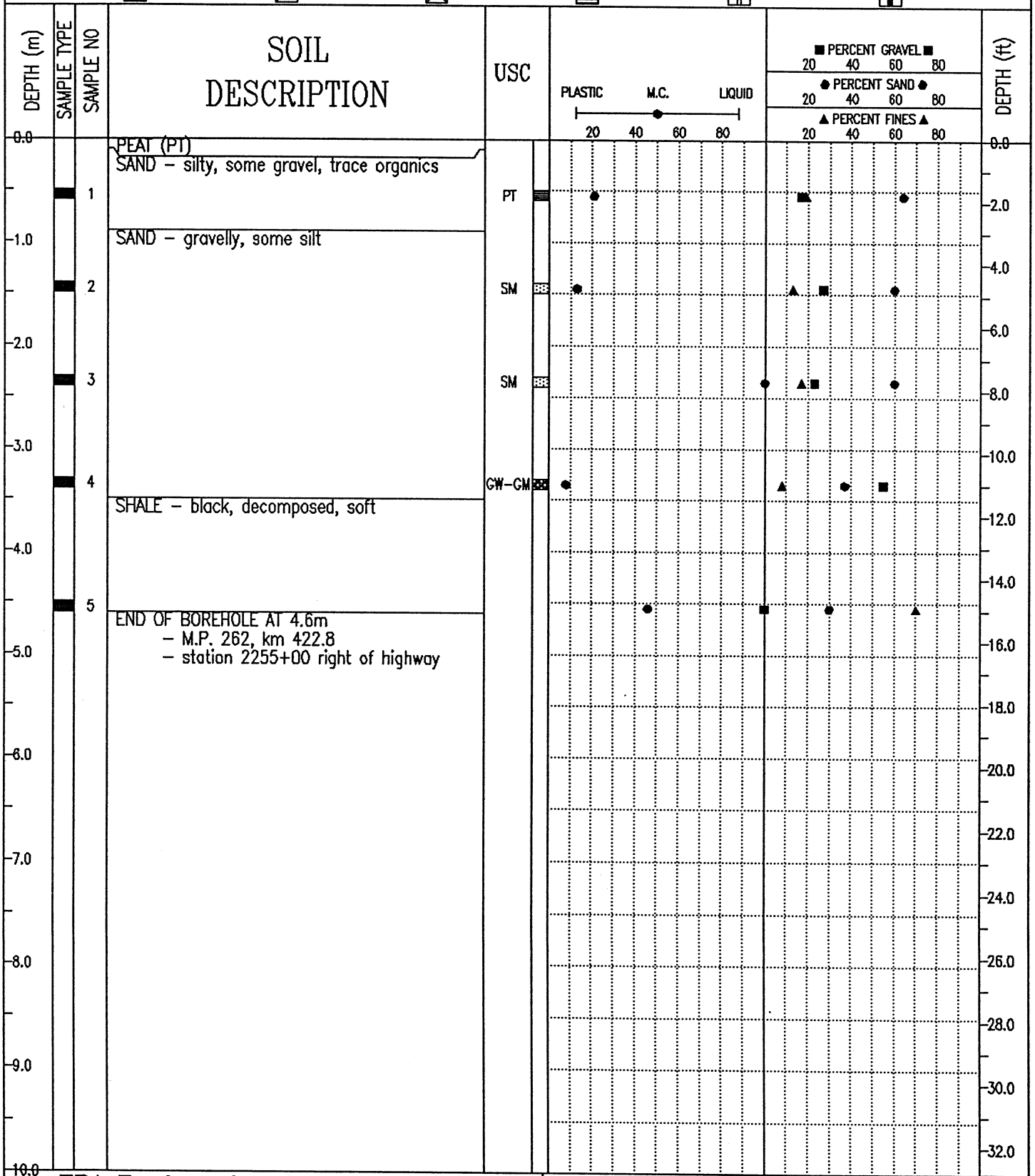
COMPLETION DEPTH 9.1 m		COMPLETE 76/12/08
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT

0423.0R
DHC-047

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 423.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 4230B01A
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N 740400 E440500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 262-B-1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON



EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.6 m		COMPLETE 76/12/08
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT

0432.9R
DHC-047

432.9

4329B004

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~438.8~~ YUKON	BOREHOLE No. ~~4350B004~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7417100 E441450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 270-B-RR4	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
		1	GRAVEL and SAND (GW-GM) - trace of silt, trace of clay, damp	GW
1.0				
		2		SW-SM
2.0				
		3		GW-GM
			- saturated by 2.5m	
3.0				
		4		GM
			- siltier below 3.0m	
4.0				
		5		SM
5.0				
6.0		6		GM
			SHALE - black, silty, decomposed	
7.0				
		7		
8.0				
		8		
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 13.7 m		COMPLETE 76/12/04
LOGGED BY	DWG NO.	Page 1 of 2

SOURCE REPORT 0432.9R DHC-047 4329B004

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~436.0~~ YUKON	BOREHOLE No. ~~4350B004~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7417100 E441450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 270-B-RR4	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
10.0							34.0
	■	9					
11.0							36.0
12.0	■	10					38.0
							40.0
13.0							42.0
	■	11					44.0
14.0			END OF BOREHOLE AT 13.7m - M.P. 270 - station unknown				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							
20.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 13.7 m		COMPLETE 76/12/04
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE REPORT

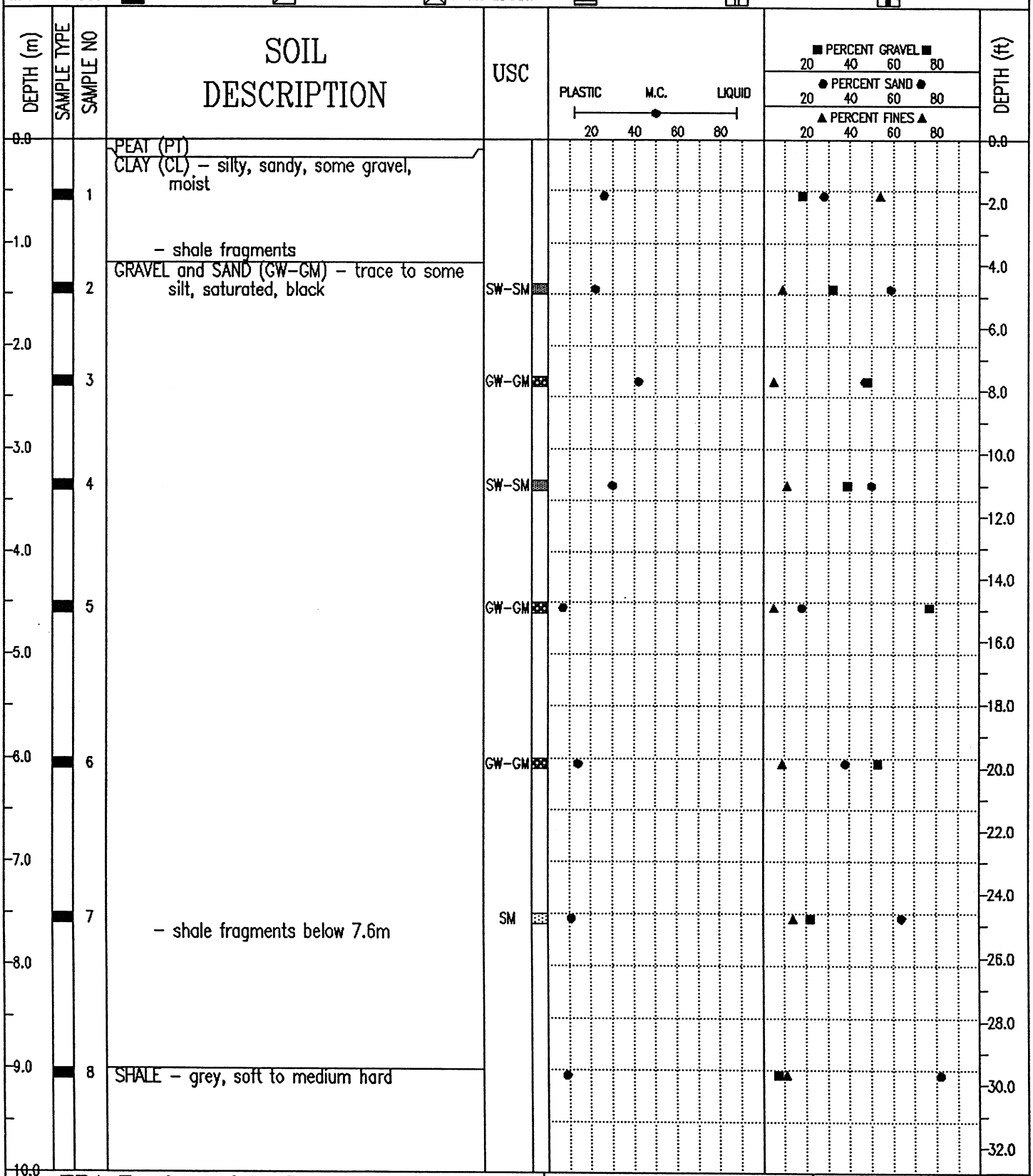
0432.9R
DHC-047

432.9

4329B002

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~436.0~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~4360B002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7417100 E441450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 270-B-RR2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 13.7 m	COMPLETE 76/12/04
	LOGGED BY	DWG NO.

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 436.0 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 4360B002
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7417100 E441450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 270-B-RR2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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)
10.0							34.0
	■	9					
11.0							36.0
							38.0
12.0	■	10					
							40.0
13.0							42.0
	■	11					44.0
			END OF BOREHOLE AT 13.7m - M.P. 270 - station 3494+00 left of highway				46.0
14.0							
							48.0
15.0							50.0
							52.0
16.0							
							54.0
17.0							56.0
							58.0
18.0							
							60.0
19.0							62.0
							64.0
20.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 13.7 m		COMPLETE 76/12/04
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE REPORT

0432.9R
DHC-047

432.9

4329B003

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~4360~~ YUKON	BOREHOLE No. ~~4360B003~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7417100 E441450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 270-B-RR3	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
	■	1	SAND and SILT (SM) - some gravel, damp	SM
1.0			GRAVEL (GM) - sandy, silty, saturated	
	■	2		GM
2.0			SILTSTONE - shale, grey, soft to medium hard	
	■	3		
3.0				
	■	4		
4.0				
	■	5		
5.0				
	■	6		
6.0				
	■	7		
7.0				
	■	8		
8.0			END OF BOREHOLE AT 9.1m - M.P. 270 - station unknown	
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m | COMPLETE 76/12/04

LOGGED BY | DWG NO. | Page 1 of 1

SOURCE REPORT

0B2.9R
DHC-047

432.9

43298006

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~436.0~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~43600006~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7417100 E441450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 270-B-RR6	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
	■	1	GRAVEL and SAND (GM)(SM) – some silt, moist, brown	SM
1.0				
	■	2		GM
2.0			GRAVEL and HARD SHALE – black	
	■	3	SILTSTONE and SHALE – some gravel, wet	
3.0				
	■	4		
4.0			SHALE – black, decomposed, soft to medium hard	
	■	5		
5.0				
6.0	■	6		
			SILTSTONE and SHALE – hard, black	
7.0				
	■	7		
8.0				
9.0	■	8	END OF BOREHOLE AT 9.1m – M.P. 270 – station 3492+00 right of highway	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 76/12/04
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0432.9R DHC-047

4329 4329B007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~436~~0 YUKON, ON HIGHWAY	BOREHOLE No. ~~4360B007~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7417100 E441450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 271-B-RR7	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL and SAND (GW) - silty at surface, becoming trace of silt, saturated	
	■	1		
1.0				
	■	2		GW
2.0				
	■	3		
3.0				
	■	4		
4.0				
	■	5	SHALE and SANDSTONE - black, medium hard	
5.0				
	■	6		
6.0				
	■	7		
7.0				
	■	8		
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 13.7 m		COMPLETE 76/12/04
LOGGED BY	DWG NO.	Page 1 of 2

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 436.0 YUKON, ON HIGHWAY	BOREHOLE No. 4360B007
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7417100 E441450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 271-B-RR7	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
10.0				
	■	9		
11.0				
12.0	■	10	- clayey, silty, soft	
13.0				
	■	11	SILTSTONE and SHALE	
14.0			END OF BOREHOLE AT 13.7m - M.P. 271 - station 3506+00 on highway	
15.0				
16.0				
17.0				
18.0				
19.0				
20.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

DEPTH (ft)
34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0 56.0 58.0 60.0 62.0 64.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 13.7 m		COMPLETE 76/12/04
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE REPORT 043291R DHC-047

4329 4329B008

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~4360~~ YUKON, ON HIGHWAY	BOREHOLE No. ~~4360B008~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7417100 E441450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 271-B-RR8	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
	■	1	CLAY (CL) – silty, trace of sand, trace of gravel saturated	
1.0				
	■	2	SAND and GRAVEL (SM) – some silt, saturated, brown	SM
2.0				
	■	3		SM
3.0				
	■	4		SM
4.0				
	■	5		SM
5.0			SHALE – very soft, black, decomposed	
6.0	■	6		
7.0				
	■	7		
8.0				
9.0	■	8	END OF BOREHOLE AT 9.1m – M.P. 271 – station 3510+00 on highway	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 76/12/04
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT

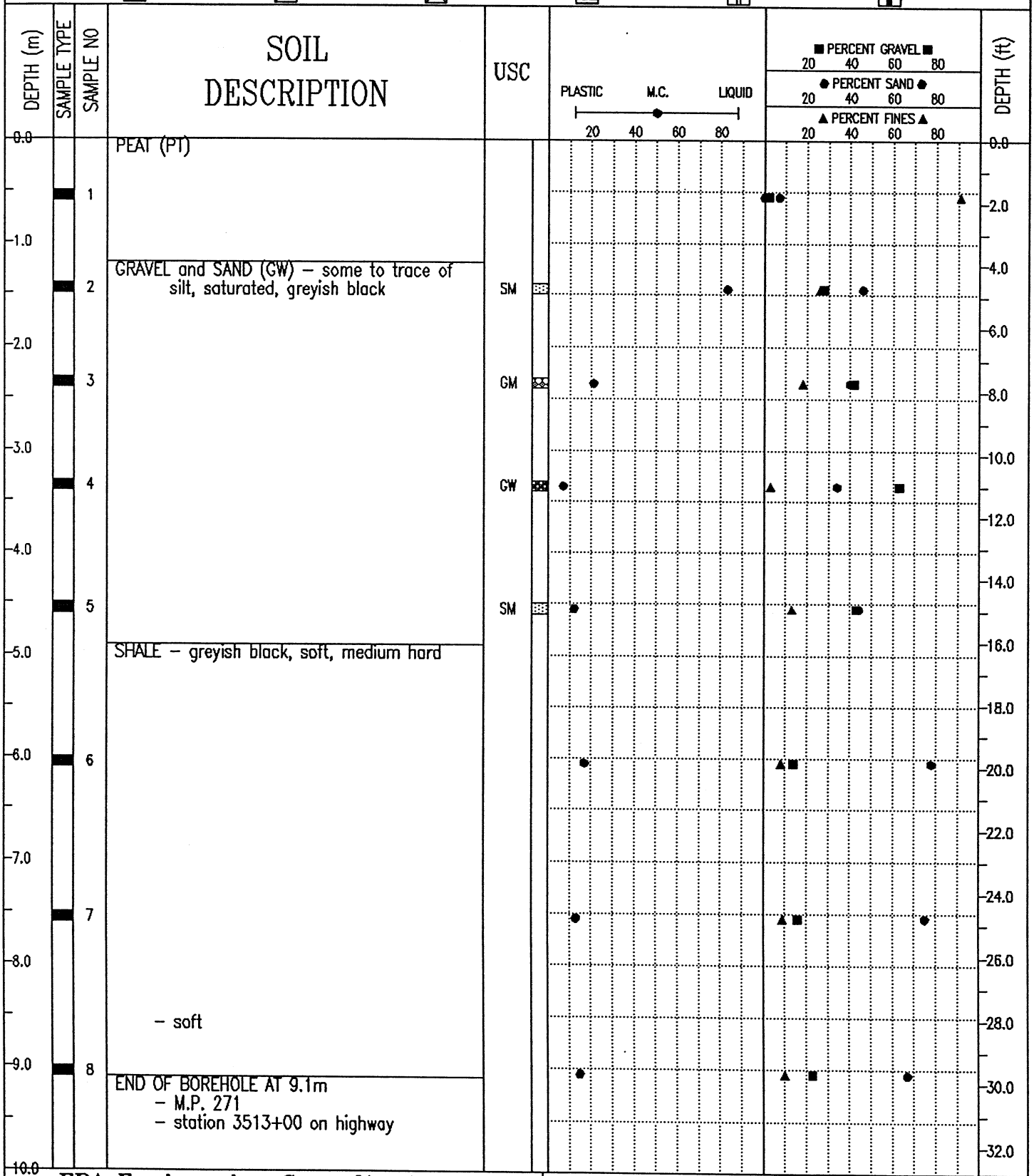
0432.9R
DHC-047

432.9

4329B009

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~4360~~ YUKON, ON HIGHWAY	BOREHOLE No. ~~4360B009~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7417100 E441450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 271-B-RR9	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 9.1 m	COMPLETE 76/12/04
	LOGGED BY	DWG NO.

SOURCE REPORT

0432.9R
DHC-047

~~4329~~

4329B010

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~436.6~~ YUKON, ON HIGHWAY	BOREHOLE No. ~~4360B010~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7417100 E441450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 271-B-RR10	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
	■	1		
1.0			PEAT and ICE	
			PEAT (PT)	
	■	2		
2.0			ICE	
3.0			SAND and GRAVEL (GM) - some to trace of silt	
	■	3		SM
4.0				
	■	4		GM
			END OF BOREHOLE AT 4.6m - M.P. 271 - station 3517+00 on highway	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.6 m	COMPLETE 76/12/04
LOGGED BY	DWG NO.

SOURCE REPORT 0432.9R DHC-047

432.9 4329B016

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~438.0~~ YUKON, ON HIGHWAY	BOREHOLE No. ~~4360B016~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7417100 E441450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 270-B-RR16	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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)				0.0
	■	1					2.0
1.0			SAND and GRAVEL (GM) – some silt, saturated, brown				4.0
	■	2		GM			6.0
2.0							
	■	3		GW-GM			8.0
3.0							10.0
	■	4		SW-SM			12.0
4.0							14.0
	■	5		SM			16.0
5.0							18.0
6.0	■	6		GM			20.0
							22.0
7.0							24.0
	■	7		GM			26.0
8.0							28.0
			SHALE and SILTSTONE – grey, soft to medium hard				30.0
9.0	■	8					32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 13.7 m		COMPLETE 76/12/06
LOGGED BY	DWG NO.	Page 1 of 2

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 436.0 YUKON, ON HIGHWAY	BOREHOLE No. 4360B016
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7417100 E441450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 270-B-RR16	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
10.0							34.0
	■	9					
11.0							36.0
12.0	■	10					38.0
							40.0
13.0							42.0
	■	11	END OF BOREHOLE AT 13.7m - M.P. 270 - station 3476+00 on highway				44.0
14.0							46.0
15.0							48.0
							50.0
16.0							52.0
							54.0
17.0							56.0
18.0							58.0
							60.0
19.0							62.0
							64.0
20.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 13.7 m		COMPLETE 76/12/06
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE REPORT

0432.9R
DHC-047

432.9

4329B017

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~4360~~ YUKON, ON HIGHWAY	BOREHOLE No. ~~4360B017~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7417100 E441450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 270-B-RR17	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
1.0	■	1		
			SAND and GRAVEL (SM)(GM) - silty to some silt, saturated, brown	
2.0	■	2		
	■	3		SM
3.0				
	■	4		SM
4.0				
	■	5		GW-GM
5.0				
6.0	■	6		GM
7.0				
	■	7		SM
8.0				
9.0	■	8	SHALE and SILTSTONE - soft	
10.0			END OF BOREHOLE AT 9.1m - M.P. 270 - station 3471+00 on highway	

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 76/12/06
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0432.9R DHC-047

432.9 4329B018

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~436.0~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~4360B018~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7417100 E441450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 270-B-RR18	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
	■	1		
1.0			SAND and GRAVEL (SM) (GM) - some silt, saturated brown	
	■	2		GM
2.0				
	■	3		SM
3.0				
	■	4		SM
4.0			SAND (SM) - gravelly, silty, saturated	
	■	5		SM
5.0				
6.0	■	6		SM
7.0				
	■	7		SM
8.0				
9.0	■	8	SHALE - soft, ground down	
			END OF BOREHOLE AT 9.1m - M.P. 270 - station 3467+00 left of highway	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 76/12/06
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0432.9R DHC-047

432.9 4329B019

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~436.0~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~4360B019~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7417100 E441450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 270-B-RR19	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
	■	1		
1.0				
	■	2	SILT and ORGANICS (OL) - some gravel	
2.0				
	■	3	SAND (SM) - silty, some gravel to gravelly saturated	
3.0				
	■	4		SM
4.0				
	■	5		SM
5.0				
	■	6		SM
7.0				
	■	7		SM
8.0				
9.0	■	8		SM
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 13.7 m		COMPLETE 76/12/06
LOGGED BY	DWG NO.	Page 1 of 2

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 436.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 4360B019
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7417100 E441450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 270-B-RR19	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
10.0				
	■	9	CLAY (CL) - silty, some sand, saturated	
11.0				
			SHALE - black, soft, medium hard	
12.0	■	10		
13.0				
	■	11	END OF BOREHOLE AT 13.7m - M.P. 270 - station 3473+00 right of highway	
14.0				
15.0				
16.0				
17.0				
18.0				
19.0				
20.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

DEPTH (ft)
34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0 56.0 58.0 60.0 62.0 64.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 13.7 m		COMPLETE 76/12/06
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE REPORT

0446.0 B
DHC-056

446.0

4460T149

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~442.8~~ YUKON	BOREHOLE No. ~~44267149~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7421900 E440500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 149	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ▨ NO RECOVERY ▩ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) – some sand, trace of silt, shale fragments throughout	
1.0	■		– less shale below 1.2m	GP
2.0	■		– sloughing badly by 2.7m	
3.0			END OF TEST PIT AT 2.7m – Cornwall Creek M.P: 275 (Area A)	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC — M.C. — LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.7 m		COMPLETE 78/09/21
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE REPORT

0446.0B
DHC-056

~~446.0~~

~~4460T150~~

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~413.6~~ YUKON	BOREHOLE No. ~~4426T150~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7421900 E440500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 150	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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 BLACK SHALE FRAGMENTS (SP)				0.0
			GRAVEL (GP) – some sand, trace silt, shale fragments throughout				2.0
1.0							4.0
							6.0
2.0			– saturated and sloughing badly at 2.4M, water upon completion				8.0
			END OF BOREHOLE AT 2.4m – Cornwall Creek M.P. 275 (Area A)				10.0
3.0							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
9.0							
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.4 m		COMPLETE 78/09/21
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE REPORT 0446.08 DHC-056

446.0 4460T151

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~428~~ YUKON	BOREHOLE No. ~~4426T151~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7421900 E440500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 151	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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) – some sand, trace of silt, shale fragments throughout				0.0
1.0							2.0
							4.0
2.0			END OF TEST PIT AT 2.1m – Cornwall Creek, M.P. 275 (Area A)				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							
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.1 m		COMPLETE 78/09/21
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE REPORT 0446.08 DHC-056

446.0 4460T152

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~4478~~ YUKON	BOREHOLE No. ~~44267152~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7421900 E440500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 152	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) – some sand, trace of silt, shale fragments throughout	GP
2.7			END OF TEST PIT AT 2.7m – Cornwall Creek M.P. 275 (Area B)	

PLASTIC M.C. 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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.7 m | COMPLETE 78/09/21

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

SOURCE REPORT 0446.0B DHC-056

446.0 4460T153

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~4478~~ YUKON	BOREHOLE No. ~~4426T153~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7421900 E440500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 153	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) – some sand, trace of silt, shale fragments throughout	
1.0			– saturated by 1.2m, water upon completion	
2.0			END OF TEST PIT AT 2.4m – Cornwall Creek M.P. 275 (Area B)	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.4 m		COMPLETE 78/09/21
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE REPORT

044608
DHC-056

446.0

4460T154

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~442.6~~ YUKON	BOREHOLE No. ~~44267154~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7421900 E440500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 154	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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) – some sand, trace of silt, shale fragments throughout				0.0
1.0			– saturated below 1.2m, water upon completion				2.0
2.0							4.0
							6.0
							8.0
3.0			END OF TEST PIT 2.7m – Cornwall Creek M.P. 275 (Area B)				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							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.7 m | COMPLETE 78/09/21

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

SOURCE REPORT 0446.0B DHC-056

446.0 4460B002

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~1570~~ YUKON, ON HIGHWAY	BOREHOLE No. ~~4470B002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7424900 E443900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 277-B-SC2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			CLAY (CL) - sandy, silty, brown	
	■	1	SAND and GRAVEL (SM) - some clay	SW-SM
1.0	■	2	GRAVEL (GW-GM) - sandy, trace to some clay	SM
	■	3		GW-GM
2.0	■	4		GW-GM
	■	5		GW-GM
3.0	■	6		GW-GM
	■	7		GW-GM
4.0				
5.0				
6.0	■	8		GW-GM
			SHALE - soft to medium-hard, few pebbles, brown	
7.0				
	■	9		
8.0				
9.0	■	10		
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 13.7 m		COMPLETE 76/11/27
LOGGED BY	DWG NO.	Page 1 of 2

see Page 1

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 447.0 YUKON, ON HIGHWAY	BOREHOLE No. 4470B002
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7424900 E443900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 277-B-SC2	ELEVATION 0.000 (m)

SAMPLE TYPE: GRAB | NO RECOVERY | SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	PERCENT GRAVEL / PERCENT SAND / PERCENT FINES (20 40 60 80)	DEPTH (ft)
10.0							34.0
		11					
11.0							36.0
							38.0
12.0		12					40.0
							42.0
13.0			- grey				44.0
		13	END OF BOREHOLE AT 13.7m - M.P. 277.5 - station 3817+00, on highway				
14.0							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							
20.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 13.7 m		COMPLETE 76/11/27
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE REPORT 0446.0B DHC-056

446.0 4460B003

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~447.0~~ YUKON, ON HIGHWAY	BOREHOLE No. ~~4470B003~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7424900 E443900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 277-B-SC3	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			CLAY (CL) - some sand, some gravel, trace of organics, brown and black	
	■	1		
1.0			GRAVEL and SAND (GM) - some to trace of clay, saturated	GM
	■	2		
	■	3		GW-GM
2.0				
	■	4		SW-SM
3.0				
	■	5		GW-GM
	■	6		GW-GM
4.0				
	■	7		SW-SM
5.0				
6.0	■	8		SW-SM
7.0				
	■	9	- some shale - finer below 7.6m	SW-SM
8.0				
9.0	■	10	SHALE - some pebbles	
			END OF BOREHOLE AT 9.1m - M.P. 277.5 - station 3824+00 on highway	
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 76/11/27
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0446.0B DHC-056

446.0 4460B004

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~447.0~~ YUKON, ON HIGHWAY	BOREHOLE No. ~~4470B004~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7424900 E443900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 277-B-SC4	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	PERCENT GRAVEL / SAND / FINES (20 40 60 80)	DEPTH (ft)
0.0			PEAT (PT)				0.0
	■	1	SILT (OL) - some sand, some gravel, trace of clay	GM			2.0
1.0	■	2	GRAVEL and SAND (GW-GC) - some to trace of silt and clay, sat	GW-GM			4.0
	■	3		GW-GM			6.0
2.0	■	4		GW			8.0
3.0	■	5	- becoming siltier below 3.0m	GM			10.0
	■	6		SM			12.0
4.0							14.0
	■	7	END OF BOREHOLE AT 4.6m - M.P. 277.5 - station 3820+00, on highway	GW-GM			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
10.0							32.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.6 m		COMPLETE 76/11/27
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT

0446.0B
DHC-056

446.0

44608005

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~447.0~~ YUKON, ON HIGHWAY	BOREHOLE No. ~~44708005~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7424900 E443900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 277-B-SC5	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ▨ NO RECOVERY ▩ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
			ORGANIC SILT (OL) - black	
	■	1		PT
1.0	■	2	SAND and GRAVEL (GM) - some silt, trace of clay, saturated	OL
	■	3		SM
2.0	■	4		SW-SM
3.0	■	5		GM
	■	6		GM
4.0	■	7		GM
			END OF BOREHOLE AT 4.6m - M.P. 277.5 - station 3808+00, on highway	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID — 20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.6 m		COMPLETE 78/11/27
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0446.0B DHC-056

446.0 4460B001

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~419.0~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. 4490B001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7425000 E445100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 279-C-NC1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (ft)
0.0			GRAVEL (GM) - sandy, silty		0.0
1.0					2.0
2.0					4.0
3.0					6.0
					8.0
					10.0
			END OF BOREHOLE AT 3.7m - M.P. 279 - station 3900+00 left of highway		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
10.0					

PLASTIC — M.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 3.7 m		COMPLETE 76/11/23
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0446.0B
REPORT DHC-050

446.0 44608029

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~449.0~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~44608002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7425000 E445100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 278-B-NC2	ELEVATION 0.000 (m)

SAMPLE TYPE: GRAB | NO RECOVERY | SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
		1		PT
1.0			SAND (SC) - gravelly, silty, clayey, some clay, saturated	
		2		SC
		3		SC
2.0			SAND and GRAVEL (GW-GM) - trace to some silt, saturated	
		4		GW-GM
3.0		5		GW-GM
		6		GW-GM
4.0			CLAY (CL) - silty, sandy, some gravel	
		7		
5.0			- shale fragments	
			SHALE - brown, medium hard	
6.0		8		
7.0				
		9	- grey, soft	
8.0				
9.0		10	- medium hard	
			END OF BOREHOLE AT 9.1m - M.P. 279 - station 3884+00 right of highway	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

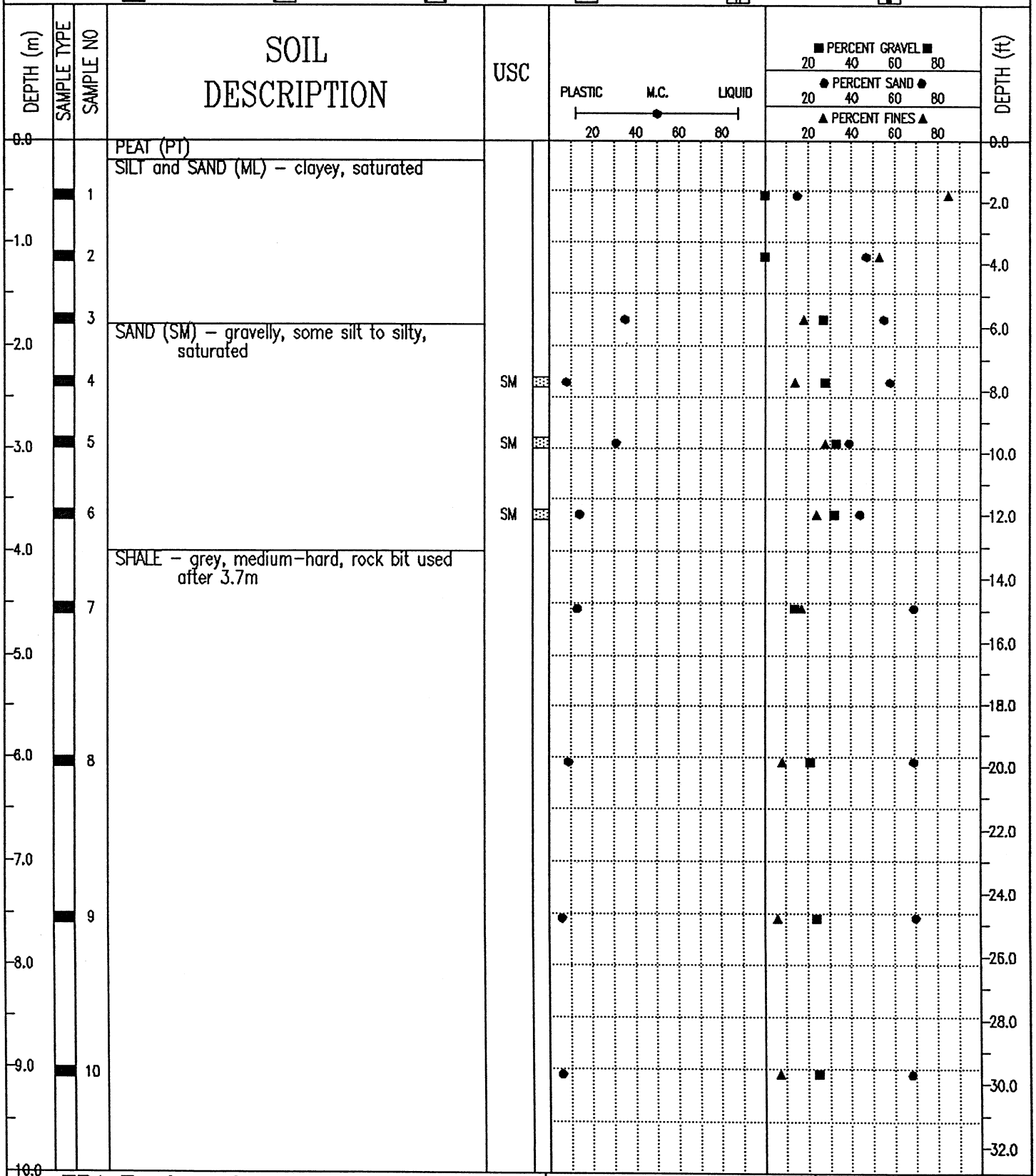
COMPLETION DEPTH 9.1 m		COMPLETE 76/11/26
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0446.0B DHC-056

446.0 4460B03a

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~448.8~~ YUKON, ON HIGHWAY	BOREHOLE No. ~~44[illegible]~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7425000 E445100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 278-B-NCB	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON



EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 13.7 m		COMPLETE 76/11/24
LOGGED BY	DWG NO.	Page 1 of 2

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 449.0 YUKON, ON HIGHWAY	BOREHOLE No. 4490B003
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7425000 E445100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 278-B-NCB	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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)
10.0							
	■	11					34.0
11.0							36.0
							38.0
12.0	■	12					40.0
							42.0
13.0							44.0
	■	13	END OF BOREHOLE AT 13.7m - M.P. 279 - station 3903+00 on highway				46.0
14.0							48.0
							50.0
15.0							52.0
							54.0
16.0							56.0
							58.0
17.0							60.0
							62.0
18.0							64.0
19.0							
20.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 13.7 m		COMPLETE 76/11/24
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE REPORT 0446.0B DHC-056

446.0 4460804

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~4490~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~44907004~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7425000 E445100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 278-B-NC4	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
		1		
			SILT – ORGANICS (OL) – saturated	
1.0		2		
			ICE	
2.0				
			GRAVEL (GW-GM) – some sand to sandy, trace of silt, saturated to wet, brown	GW-GM
3.0		3		
		4		GP
4.0				
		5	– rock bit used after 4.6m	GW-GM
5.0			– becoming siltier	
			GRAVEL and SAND (SM) – some silt	
6.0		6		SM
7.0		7	– some hard shale	SM
8.0		8		SM
			END OF BOREHOLE AT 8.5m – M.P. 278 – station 3855+00 right of highway	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 8.5 m		COMPLETE 76/11/26
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0446.0B
REPORT DHC-056

446.0 4460805a

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~449.0~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~4490B005~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7425000 E445100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 278-B-NC5	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SAND (SM) - some silt, some gravel, saturated	
	■	1		SM
1.0	■	2		SM
	■	3	GRAVEL and SAND (GW) - trace of silt, saturated	GW
2.0	■	4		GW
3.0	■	5		GW-GM
	■	6		GW-GM
4.0	■	7	- rock bit used after 4.6m	GW-GM
5.0				
6.0	■	8	- silty below 6.0m	SM
7.0				
	■	9	- shale fragments	
8.0			SILTSTONE - shale, hard from 7.6m, grey	
9.0	■	10		
10.0				

PLASTIC M.C. LIQUID — 20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 13.7 m		COMPLETE 76/11/26
LOGGED BY	DWG NO.	Page 1 of 2

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 449.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 4490B005
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7425000 E445100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 278-B-NC5	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
10.0							34.0
	■	11			●	▲ ■ ●	
11.0							36.0
							38.0
12.0	■	12			●	▲ ■ ●	40.0
							42.0
13.0							44.0
	■	13			●	▲ ■ ●	
14.0			END OF BOREHOLE AT 13.7m - M.P. 278 - station 3855+00 right of highway				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							
20.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 13.7 m		COMPLETE 76/11/26
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE REPORT 0508.8R DHC-046

508.8 5088B001

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~512.8~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~5128B001~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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 - wood chunks, dark brown, frozen (estimate 20-30% Vr, Vx)				0.0
1.0			GRAVEL and SAND - frozen				2.0
			END OF BOREHOLE AT 1.2m				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							
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 1.2 m		COMPLETE 78/09/31
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0508.BR
REPORT RDHC-04

5088 5088B002

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~613.8~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~5128B002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT and ORGANIC SILT - wood chunks, dark brown, frozen (estimate 20-30% Vr, Vx ice)	
2.8			GRAVEL and SAND - frozen	
2.9			END OF BOREHOLE AT 2.90m	

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.9 m		COMPLETE 78/03/31
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0508.8R DHC-046

5088 5088B003

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM [illegible]-NWT, 560m R OF HIGHWAY	BOREHOLE No. [illegible]
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 3	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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 - wood chunks, dark brown, frozen (estimated 10 - 30% Vr, Vx ice)				0.0
1.0							2.0
2.0							4.0
3.0							6.0
							8.0
							10.0
			GRAVEL - trace to little silt, frozen				12.0
4.0			END OF BOREHOLE AT 3.7m				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							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.7 m		COMPLETE 78/08/31
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0508.8R D+IC-046

508.8 50883004

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~42.8~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~5128B004~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 4	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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 - wood chunks, dark brown, frozen (estimated 20 - 30% Vr, Vx ice)				0.0
1.0							2.0
2.0							4.0
							6.0
							8.0
			GRAVEL - trace sand, trace silt, frozen				
3.0			END OF BOREHOLE AT 2.7m				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							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.7 m		COMPLETE 78/03/31
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0508.8R DHC-046

508.8 5088B005

DEMPSTER CORRIDOR	SOURCE: KM ~~5888~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~5128A005~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 5	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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 – wood chunks, dark brown, frozen (estimated 20 – 30% Vr, Vx ice)				0.0
1.0							2.0
2.0							4.0
			GRAVEL – trace sand, trace silt, trace clay, frozen				6.0
			END OF BOREHOLE AT 2.4m				8.0
3.0							10.0
4.0							12.0
5.0							14.0
6.0							16.0
7.0							18.0
8.0							20.0
9.0							22.0
10.0							24.0
							26.0
							28.0
							30.0
							32.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.4 m		COMPLETE 78/08/31
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0508.8R DHC-046

508.8 50888006

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~512.8~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~61288V006~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 6	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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 - wood chunks, dark brown, frozen (estimated 30% Vr, Vx ice)				0.0
1.0			GRAVEL - trace silt, trace clay				2.0
2.0							4.0
							6.0
							8.0
3.0			CLAY - grey, organics, frozen (estimated Nb ice)				10.0
							12.0
4.0			GRAVEL - trace clay, frozen				14.0
			END OF BOREHOLE AT 4.2m				
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							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.2 m		COMPLETE 78/08/31
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0508.8R DHC-046

508.8 50888007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~512.8~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~5128B007~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4806
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 7	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT and CLAY - dark brown, frozen (estimated 10-2090 Vr, Vx ice)	
1.0				
			CLAY - trace gravel, frozen (estimated 5 -10% Vr, Vx ice)	
2.0				
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 78/08/31
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 050881R DHC-046

508.8 50888008

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~812.8~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~31208008~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 8	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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 - wood chunks, dark brown, frozen (estimated 20 - 30% Vr, Vx ice)				0.0
			GRAVEL - some sand, trace silt, trace clay frozen (estimated 5 - 10% Vc, Vx ice)				
1.0							2.0
							4.0
2.0							6.0
							8.0
3.0			END OF BOREHOLE AT 3.0m				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							
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 78/08/31
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0508-8R DHC-046

508.8 5088B009

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM [redacted] NWT, 560m R OF HIGHWAY	BOREHOLE No. 5088B009
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 9	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT – wood chuncks, dark brown, frozen (estimated 10–20% Vr, Vx ice)	
			GRAVEL – little sand, frozen	
			CLAY – trace gravel, grey, frozen	
1.0			GRAVEL – little sand, trace silt, frozen	
2.0				
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 78/03/31
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0508.8R DHC-046

508.8R 5088010

DEMPSTER CORRIDOR	SOURCE: KM ~~5[illegible]~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~5[illegible]~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 10	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	DEPTH (ft)
0.0			PEAT - wood chunks, dark brown, frozen (estimated 10 - 30% Vr, Vx ice)		0.0
1.0					2.0
2.0					4.0
					6.0
			GRAVEL - little sand, frozen		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
10.0					

PLASTIC M.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 3.0 m		COMPLETE 78/08/31
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0508.8R DHC-046

508.8 5088B011

DEMPSTER CORRIDOR	SOURCE: KM ~~512.8~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~5128B011~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 11	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT – dark brown, frozen	
1.0			GRAVEL – some sand, trace silt, estimate 12 mm diameter, frozen (estimated Vc,Vr,Vx ice)	
3.0			END OF BOREHOLE AT 3.0m	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m | COMPLETE 78/03/31

LOGGED BY | DWG NO. | Page 1 of 1

SOURCE REPORT 0508.8R
~~DHC-046~~

508.8 50888312

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~512.8~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~51288312~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 312	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			CLAY - SAND - gravelly, cobbles throughout	
1.0	■	1		SC-SM
2.0			SAND - silty and clayey, some gravel	
	■	2		SC
3.0				
	■	3		SC-SM
4.0				
	■	4		SC
5.0				
	■	5		SC-SM
6.0			- becoming ice rich (wet) near 6.1m	
			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID — 20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0508.8R DHC-046

508.8 50883313

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~612.8~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~5128/313~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 313	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			MOSS - ICE - SILT - Black	
			GRAVEL - dirty, cobbles	
1.0	■	1		SC
			CLAY - SAND - SILT	
2.0	■	2		CL-ML
			CLAY - silty, gravel	
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 00/00/00
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0508.8R DHC-046

508.8 5088314

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~512.0~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~5128B314~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 314	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT – ICE	
1.0			SILT – sandy, gravelly	
	■	1	SAND – silty, clayey, trace of gravel	SC
2.0	■	2		SC
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0508 R
DHC-057
5088
5088B315

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~512.5~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~5128B315~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 315	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT and ICE	
			SAND – silty, clayey, trace to some gravel cobbles to 200 mm	
1.0	■	1		SC
2.0	■	2		SC
3.0	■	3		SC–SM
4.0	■	4		SC
5.0	■	5		SC
6.0	■	6	– becoming wet (icey)	SC
			END OF BOREHOLE AT 6.1m	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0568.8R DHC-046

508.8 5088B316

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~512.8~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~5128B316~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 316	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ICE - MOSS - ORGANIC	
			SAND - dirty, trace to some gravel	
1.0	■	1		SC
			- cobbles	
2.0	■	2		SC
			- layered	
3.0				
	■	3		SC
4.0				
5.0	■	4		SM-SC
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0508.8R DHC-046

508.8 50888317

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~512.8~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~5128/317~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 317	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ICE - MOSS - ORGANIC	
			SAND - silty, some clay, trace to some gravel	
1.0	■	1		SM
			- layered	
2.0	■	2		SC
			- cobbles	
3.0			- silty layer to 3.0 to 3.7	
	■	3		SC
4.0				
			- fine sandy silty gravel below 4.5m	
5.0	■	4		SC-SM
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0508.8R
REPORT DHC-046

508.8 50883318

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~512.8~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~512.8-318~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 318	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT - ICE - ORGANIC	
1.0				
	■	1	SAND - silty, gravelly, brown	SC
2.0	■	2		SC-SM
			- some clay	
3.0	■	3		SC
			END OF BOREHOLE AT 3.4m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.4 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0508.8R DHC-046

508.8 50888319

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~512.8~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~512~~319
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 319	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT - ICE - ORGANIC - occasional cobble	
2.0			SAND - silty, gravelly	
	■	1	- occasional cobble	SC-SM
	■	2		SC-SM
	■	3	- coarse to 5.8m	SC-SM
	■	4		SC
	■	5	- some clay throughout - fine gravel from 5.8 to 12.2m	SC-SM
	■	6		SC-SM
	■	7		SC-SM
	■	8		SC-SM
	■	9		SC-SM
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 12.2 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 1 of 2

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 512.8 NWT, 560m R OF HIGHWAY	BOREHOLE No. 5128B319
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 319	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ▨ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
10.0							
	■	10		SC	●	■ ●	34.0
11.0							36.0
	■	11		SC-SM	●	■▲ ●	38.0
12.0							40.0
			END OF BOREHOLE AT 12.2m				
13.0							42.0
							44.0
14.0							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							
20.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

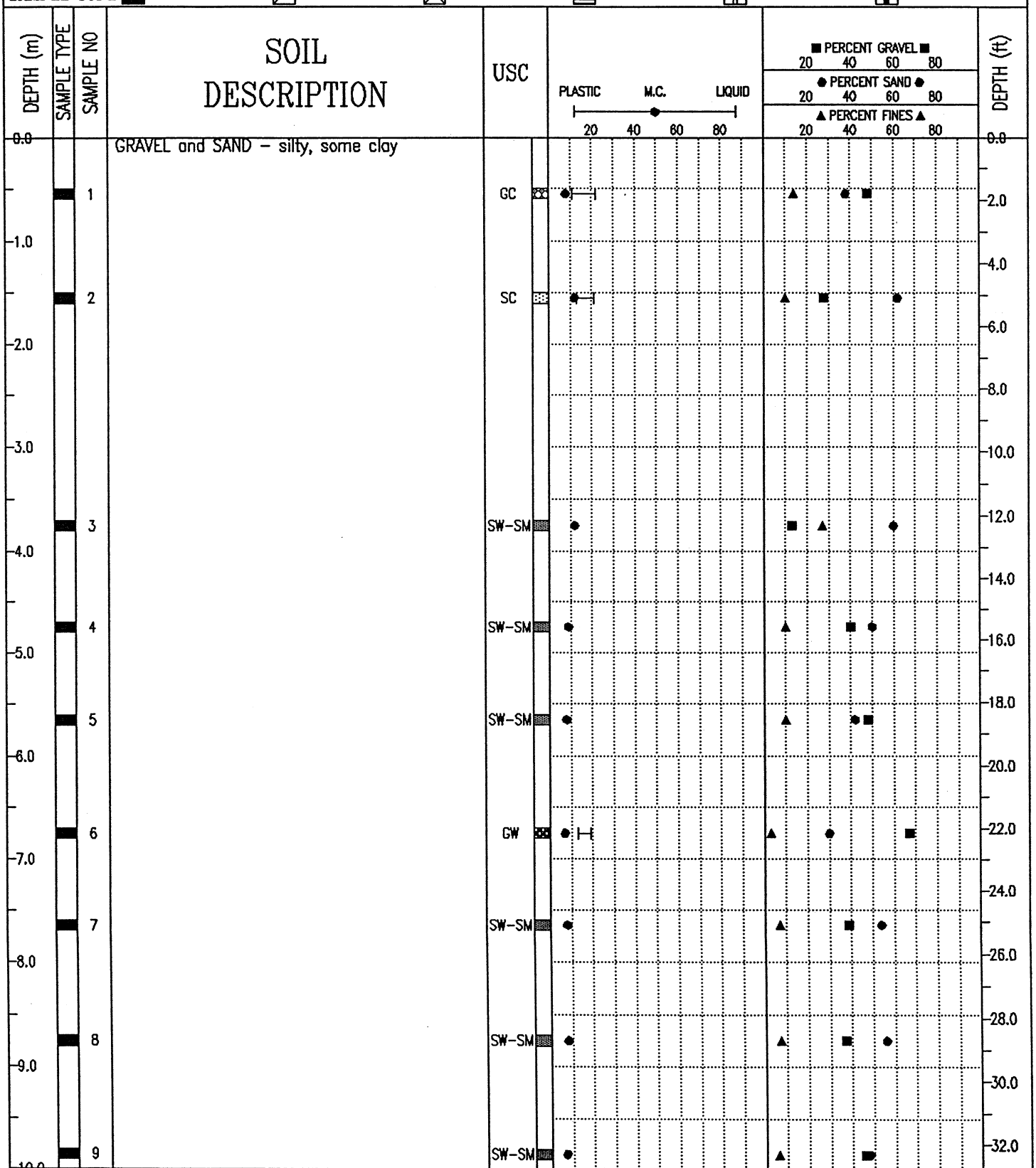
COMPLETION DEPTH 12.2 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE REPORT 0508.8R DHC-046

508.8 5088B320

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~512.5~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~512BH320~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 320	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON



EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 12.2 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 1 of 2

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 512.8 NWT, 560m R OF HIGHWAY	BOREHOLE No. 5128B320
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 320	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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)
10.0							
11.0							34.0
12.0							36.0
			END OF BOREHOLE AT 12.2m				38.0
13.0							40.0
14.0							42.0
15.0							44.0
16.0							46.0
17.0							48.0
18.0							50.0
19.0							52.0
20.0							54.0
							56.0
							58.0
							60.0
							62.0
							64.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 12.2 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE REPORT 0508.8 R DHC-046

508.8 50883321

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 512.8 NWT, 560m R OF HIGHWAY	BOREHOLE No. 321
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 321	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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 ICE				0.0
1.0							2.0
							4.0
2.0			SAND and GRAVEL – silty, some clay				6.0
	■	1		SC-SM	● I–●	▲ ■ ●	8.0
3.0							10.0
	■	2		SC	● I–●	■ ▲ ●	12.0
4.0							14.0
5.0							16.0
							18.0
6.0	■	3		SC-SM	●	▲ ■ ●	20.0
7.0							22.0
							24.0
8.0							26.0
	■	4		SW-SM	●	▲ ■ ●	28.0
9.0			END OF BOREHOLE AT 9.1m				30.0
10.0							32.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0508.8R DHC-046

508.8 5088B322

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~561.8~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~312OB322~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 322	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			MOSS - ORGANIC - SILT	
			SAND and GRAVEL - silty, cobbles to 2.4m	
1.0				
			- becoming dirty	
2.0				
			- gravel below 2.4m	
3.0				
4.0	■	1		SM
5.0	■	2		SM
6.0	■	3		SM
			END OF BOREHOLE 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC . M.C. LIQUID — 20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0508.8R DHC-046

508.8 5088B323

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~0128~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~5128B323~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 323	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ICE – SILT – ORGANIC	
1.0			SAND – silty, gravelly, some clay	
	■	1		SC
2.0				
	■	2		SW-SC
3.0				
	■	3		SW-SC
4.0				
	■	4		SC
5.0				
	■	5		SW-SC
6.0				
	■	6		
7.0				
	■	7		SC
8.0				
9.0			END OF BOREHOLE AT 9.1m	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0508.8R
REPORT DHC-046

5088 5088B590

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM [redacted] NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~5128B590~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 1590	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS - peat and moss	
1.0			GRAVEL - sandy, clayey	
	■	1		SW-SM
2.0				
3.0	■	2		GW-GM
4.0				
	■	3		SW-SM
5.0				
6.0	■	4	GRAVEL - sandy	GW-GM
7.0				
	■	5		GW-GM
8.0				
9.0	■	6		SW-SM
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 13.7 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 1 of 2

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 512.8 NWT, 560m R OF HIGHWAY	BOREHOLE No. 5128B590
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 1590	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
10.0				
	■	7		GW
11.0				
12.0				
	■	8	SAND - clayey, gravelly, high ice content, visible ice, Vs	SM
13.0				
	■	9	END OF BOREHOLE AT 13.7m	
14.0				
15.0				
16.0				
17.0				
18.0				
19.0				
20.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

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

DEPTH (ft): 34.0, 36.0, 38.0, 40.0, 42.0, 44.0, 46.0, 48.0, 50.0, 52.0, 54.0, 56.0, 58.0, 60.0, 62.0, 64.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 13.7 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE REPORT 0508.8R DHC-096

508.8 5088B593

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~512.8~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~5428B593~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 1593	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			CLAY – sandy, silty, organic, low plastic	
1.0				
	■	1	GRAVEL – sandy, clay and silt in places	GM
2.0				
3.0	■	2		GW-GM
4.0				
	■	3	– clayey	SM
5.0				
6.0	■	4		GW
7.0				
	■	5		GW
8.0				
9.0				
	■	6		GW
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 18.3 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 1 of 2

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 512.8 NWT, 560m R OF HIGHWAY	BOREHOLE No. 5128B593
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 1593	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
10.0				
	■	7	GRAVEL - SAND - SILT - mixture	SM
11.0				
12.0	■	8	SAND - coarse, silty, pebbles	SM
13.0				
	■	9		SM
14.0				
15.0				
	■	10	- clayey	SM
			SAND - clayey, gravelly, low plastic	
16.0				
	■	11		SM
17.0			CLAY - pebbles, sandy, silty, low plastic	
18.0				
	■	12	END OF BOREHOLE AT 18.3m	
19.0				
20.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

DEPTH (ft)
34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0 56.0 58.0 60.0 62.0 64.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 18.3 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE REPORT 0508.8R DHC-046

508.8 50888595

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~442.8~~ NWT, 560m R OF HIGHWAY	BOREHOLE No. ~~51280595~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 1595	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	PERCENT GRAVEL / PERCENT SAND / PERCENT FINES (20 40 60 80)	DEPTH (ft)
0.0			CLAY – organic				0.0
1.0			GRAVEL – sandy, trace of clay and silt				2.0
	■	1		GW-GM			4.0
2.0							6.0
							8.0
3.0	■	2		GW-GM			10.0
4.0							12.0
							14.0
	■	3		GW-GM			16.0
5.0							18.0
							20.0
6.0	■	4		SW-SM			22.0
7.0							24.0
	■	5		GW-GM			26.0
8.0							28.0
							30.0
9.0	■	6		GW-GM			32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 18.3 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 1 of 2

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 512.8 NWT, 560m R OF HIGHWAY	BOREHOLE No. 5128B595
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7456500 E481600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 1595	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
10.0				
	■	7		SW-SM
11.0				
12.0	■	8	SAND - silty, non plastic	SM
13.0				
	■	9	CLAY - sandy, silty, few pebbles, low to medium plastic	
14.0				
15.0				
	■	10		
16.0				
17.0	■	11		
18.0				
	■	12	END OF BOREHOLE AT 18.3m	
19.0				
20.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

DEPTH (ft)
34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0 56.0 58.0 60.0 62.0 64.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 18.3 m		COMPLETE 73/12/07
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE REPORT 0583.2B DHC-009

583.2 5832B001

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~663~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~5620B001~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7476500 E530000	Project No: 0201-4800
DEPT. OF INDIAN AFFAIRS & NRTHRN DEVLPMT	ORIGINAL BOREHOLE NUMBER - 653-1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT - and organics roots, peat etc.	
	■	1	SAND (SW-SM) - some gravel, trace silt, brown, non-plastic, trace well graded ice crystals and coatings	SW
2.0	■	2		SW
	■	3		SW
4.0	■	4		SW
	■	5		SW
6.0	■	6		SW
			END OF BOREHOLE AT 6.1m	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m	COMPLETE 73/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0583.2B
REPORT DHC-009

583.2 5832B019

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~885~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~5650B001~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475700 E532300	Project No: 0201-4800
DEPT. OF INDIAN AFFAIRS & NRTHN. DEVLPMT	ORIGINAL BOREHOLE NUMBER - 652-1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT – trace fine sand, low plastic, brownish grey, ice crystals and coatings	
4.0			END OF BOREHOLE 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

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.3 m	COMPLETE 73/ /
	LOGGED BY	DWG NO.
		Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2

5832T00A

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~686~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~65507004~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7474600 E533700	Project No: 0201-4800
DEPT. OF INDIAN AFFAIRS & NRTHN. DEVLPMT	ORIGINAL TEST PIT NUMBER - 652-A	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GW) and SAND - trace of silt, well rounded to subrounded, max. 75mm	
	■	1	Petrographic Analysis	GW
			Quartzite 45% Ironstone 5%	
			Chert 18% Quartz 2%	
1.0			Limestone, hard 17% Limestone,soft 2%	
			Granite 6% Sandstone,soft 3%	
			Siltstone, hard 1% Siltstone,soft 1%	
			NOTE: Soil profile as logged from pit wall	
2.0			END OF BOREHOLE AT 0.9m	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 0.9 m		COMPLETE 73/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 5832T00B

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~385~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~5650T00B~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475900 E532200	Project No: 0201-4800
DEPT. OF INDIAN AFFAIRS & NRTHN. DEVLPMT	ORIGINAL TEST PIT NUMBER - 652-B	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0	■	1	GRAVEL (GM) and SAND - little silt, well graded, rounded to subrounded, max. 75mm	GM
			Petrographic Analysis	
			Quartzite 21% Limestone, hard 42%	
			Granite 21% Limestone, soft 7%	
			Quartz 3% Sandstone, soft 2%	
			Ironstone 2% Siltstone & shale 1%	
			Chert 1%	
0.6			END OF TEST PIT AT 0.6m	
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 0.6 m		COMPLETE 73/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT. 0545.6R DHC-011

546.6 5456B220

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~588~~ NWT, RIGHT OF HIGHWAY	BOREHOLE No. ~~5680B220~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482500 E517200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-220	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT - with ice throughout	
1.0				
	■	1	GRAVEL - silty	
2.0	■	2		
	■		- silty and sandy	
	■	3		
3.0				
4.0				
	■	4	SAND - silty	
5.0				
			SILT - sandy	
	■	5		
6.0				
			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0545.6R
REPORT DHC-011

545.6 5456B221

DEMPSTER HIGHWAYM CORRIDOR	SOURCE: KM ~~588~~ NWT, RIGHT OF HIGHWAY	BOREHOLE No. ~~5880B221~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482500 E517200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-221	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT - with ice throughout	
1.0				
			SILT - gravelly, sandy	
		1	GRAVEL - sandy	
2.0		2		
			GRAVEL - silty	
		3		
3.0				
		4	GRAVEL - sandy	
4.0			- ice lens	
			GRAVEL - sandy	
			- ice lens	
5.0			SILT - sandy	
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 567.7

05677B DHC-009

5677B041

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~571.3~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5713B041~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 41	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			ORGANIC SILT	
1.0	■	1	SAND (SM-SC) - gravelly, some silt trace of clay, low plastic, brown	SM-SC
			END OF BOREHOLE AT 1.2m	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 1.2 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0567.7B
REPORT DHC-009

567.7 5677B189

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~321.5~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5713B189~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-189	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			ORGANIC SILT and ICE	
1.0				
			GRAVEL - sandy, silty	
2.0				
3.0				
4.0				
			ICE and SILTY ICE	
5.0				
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0567.7B DIK-009

567.7 5677B190

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5753~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~67138190~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-190	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			ORGANIC SILT and ICE	
1.0		1	SAND (SC) - gravelly, some silt, some clay low plastic, brown	SC
		2	CLAY (CL) - silty and sandy, some gravel, low plastic, brown	CL
2.0		3	SAND (SC) and GRAVEL - some silt and clay, low plastic, brown	SC
		4		SC
3.0			SAND (SM) and GRAVEL - some silt and clay, low plastic, brown	
		5		SM
4.0		6		SM
			END OF BOREHOLE AT 4.6m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.6 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0567.7B DHC-009

567.7 5677B191

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~891.5~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5713B191~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-191	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT - sandy	
1.0			GRAVEL - silty, sandy	
			GRAVEL - silty	
2.0				
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0567.7B
REPORT DHC-009

567.7 5677B192

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~521.3~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5677B192~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-192	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			ORGANIC SILT	
1.0		1	SAND (SC) - gravelly, some silt to silty, trace to some clay, low plastic, brown	SC
		2	SAND (SC) and GRAVEL - some silt and clay, low plastic, brown	SC
2.0			CLAY (CL) - silty, sandy, trace gravel, low plastic, brown	
		3		CL
3.0			SAND (SC) - gravelly, some silt, some clay low plastic, brown	
		4		SC
			SAND (SM) - gravelly, some silt, some clay plastic, brown	
4.0		5		SM
			END OF BOREHOLE AT 4.6m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.6 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0567.7 B DHC-009

567-7 5677 B 193

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5753~~ NWT R & L OF HIGHWAY	BOREHOLE No. ~~5713B193~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-193	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS and ICE				0.0
1.0			GRAVEL - sandy, silty				2.0
2.0							4.0
3.0			SILT - gravelly				6.0
4.0							8.0
5.0			END OF BOREHOLE AT 4.6m				10.0
6.0							12.0
7.0							14.0
8.0							16.0
9.0							18.0
10.0							20.0
							22.0
							24.0
							26.0
							28.0
							30.0
							32.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.6 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0567.7B DHC-009

~~567.1~~ ~~5677B194~~

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~571.3~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5713B194~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-194	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS and ICE				0.0
1.0			GRAVEL – sandy, silty				2.0
2.0							4.0
							6.0
			SILT and BOULDERS				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
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0567.7B DHG:009

567.7 5677B195

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5713~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5713B195~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-195	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS AND ICE	
1.0		1	GRAVEL (GM) – sandy, trace to some silt, trace to some clay, brown	GM
		2	SAND (SM) – gravelly, silty, trace to some clay, brown	SM
2.0			SAND and GRAVEL (SM) – silty, some clay, brown	
		3		SM
3.0		4		SM
4.0		5	SILT and CLAY (CL–ML) – sandy, some gravel brown	CL–ML
5.0		6		CL–ML
			END OF BOREHOLE AT 5.5m	
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.5 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0567.7B
REPORT DHC-009

5677 5677B197

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~571.3~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~571.3B197~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-197	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
		1	GRAVEL (GM) - sandy, some silt, grey	GM
1.0			SAND (SM) - gravelly, some silt, some clay low plastic, brown	
		2		SM
2.0			SAND (SC) - gravelly, some silt, some clay low plastic, brown	
		3		SC
			SAND (SM) - silty, some clay, trace gravel low plastic, brown	
		4		SM
3.0			CLAY (CL) - silty, sandy, trace gravel, low plastic, brown	
		5		CL
4.0			CLAY (CL) and SAND - some silt to silty, trace gravel, low plastic, brown	
		6		CL
5.0			CLAY (CL) and SILT - sandy, trace gravel, low lastic, brown	
		7		CL
			END OF BOREHOLE AT 5.5m	
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.5 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0567.7B
REPORT DHC-009

567.7 5677B198

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~671.3~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5713/198~~
GRANULAR RESOURCES INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-198	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC SILT and ICE	
			GRAVEL - sandy	
1.0				
2.0			GRAVEL - silty	
3.0			SILT - sandy, trace of pebbles	
4.0				
5.0				
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0567.7B DHC-009

567.7 5677B200

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5548~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5713B200~~
GRANULAR RESOURCES INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-200	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			GRAVEL - sandy, silty	
4.0			ICE	
6.0			END OF BOREHOLE AT 6.1m	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m | COMPLETE 71/ /

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

SOURCE REPORT 0567.7B DHC-009

5677 5677B201

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~3953~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5713B201~~
GRANULAR RESOURCES INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-201	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS and SILTY ICE	
			GRAVEL – sandy, silty	
1.0				
2.0			SILT – gravelly	
3.0			GRAVEL – silty	
4.0			ICE	
5.0				
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0567.7B DHC-009

5677 5677B202

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~671.9~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5713B202~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-202	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS AND SILT	
			GRAVEL - sandy, silty, brown	
1.0				
			SAND (SC) - gravelly, some silt to silty, trace to some clay, brown	
2.0		1		
3.0			CLAY (CL) - silty, some sand, trace gravel low plastic, with ice throughout, brown	
		2		CL
4.0				
			SAND (SM-SC) - gravelly, trace to some silt, trace clay, with occasional boulder disseminated throughout, low plastic, brown	
5.0		3		SM-SC
			END OF BOREHOLE AT 5.5m	
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.5 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0567.7B DHC-009

567.7 5677B203

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5713~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5713B203~~
GRANULAR RESOURCES INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-203	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS				0.0
			SILT - gravelly, sandy				2.0
1.0			SILT - gravelly				4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0			ICE				14.0
							16.0
5.0							18.0
			END OF BOREHOLE AT 5.5m				20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
9.0							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.5 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0567.7B DHC-009

567.7 5671B205

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~571.7~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5671B205~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-205	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			GRAVEL - silty, with ice throughout	
1.0	■	1	SAND (SM-SC) - gravelly, silty, some clay, plastic, brown	SM-SC
			SAND (SM) - gravelly, some silt to silty, trace to some clay, low plastic, brown	
2.0		2		SM
		3		SM
3.0		4		SM
4.0		5		SM
			GRAVEL - sandy, silty, brown	
5.0		6		GM
			END OF BOREHOLE AT 5.5m	
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.5 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0567.7B DHC-009

567.7 5677B206

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5721~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5721B206~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-206	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ▨ NO RECOVERY ▩ SPLIT SPOON

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	USC
0.0		ORGANIC SILT	
1.0			
	1	SAND (SM-SC) - silty, gravelly, trace to some clay, brown	SM-SC
2.0	2		SM-SC
3.0		SAND (SM-SC) and CLAY - sandy, trace gravel, low plastic	
	3		SM-SC
4.0			
	4		SM-SC
5.0			
	5		SM-SC
6.0		SILT (CL-ML) and CLAY - sandy, trace plastic, grey	
	6		CL-ML
7.0			
8.0		END OF BOREHOLE AT 7.9m	
9.0			
10.0			

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 7.9 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0567.7B DHC-009

567.7 5677B208

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~571.5~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5713B208~~
GRANULAR RESOURCES INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-208	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
1.0			GRAVEL - silty	
2.0				
3.0			SILT - icy, trace of pebbles	
4.0			- no pebbles	
5.0				
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT ~~0567.7B~~ DHC-009

~~567.7~~ 5677B314

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~671.3~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5713B314~~
GRANULAR RESOURCES INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-314	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS				0.0
			SILT – icey, gravelly, sandy				
1.0							2.0
			SAND – gravelly, silty				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
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0567.7B DHC-009

567.7 5677B315

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~321.3~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5677B315~~
GRANULAR RESOURCES INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-315	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT - gravelly, sandy	
1.0				
			GRAVEL - sandy, silty	
2.0				
3.0			SILT and PEBBLES	
4.0				
5.0				
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0567.7B
REPORT DHC-009

567.7 5677B316

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~521.8~~ NWT, R & L Of HIGHWAY	BOREHOLE No. ~~5713B316~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-316	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
		1	SAND - gravelly, silty, trace clay, brown	SM
1.0				
		2	GRAVEL and SAND - silt, trace clay, brown	GM
2.0				
		3	SAND and GRAVEL - some silt to silty, trace of clay, brown	SM
3.0			- some silt	
		4		SM
4.0				
5.0			ICE	
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0567.7B DHC-009

567.7 5677B317

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5261~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5713B317~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-317	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SAND – gravelly, silty, trace clay, brown	
		1		SM
1.0			– some silt to silty, brown	
		2		SM
2.0			– silty, trace clay, brown	
		3		SM
3.0			SILT	
4.0				
5.0			ICE	
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m | COMPLETE 71/ /

LOGGED BY | DWG NO. | Page 1 of 1

SOURCE REPORT 0567.7B DHC-009

567.7 5677B319

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~571.3~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5713B319~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-319	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS AND ORGANIC SILT – with ice throughout	
1.0				
			GRAVEL and SAND – some silt, brown	
		1		GM
2.0				
		2		GM
3.0			SAND and GRAVEL – some silt, brown	
		3		SM
4.0				
			SILT AND SAND – trace to some clay, trace gravel, grey	
5.0				
		4		
			END OF BOREHOLE AT 5.5m	
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.5 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0567.7B DHK-009

567.7 5677B320

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~571.3~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5713B320~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-320	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
		1	SAND and GRAVEL - some silt to silty, trace clay, brown	SM
1.0				
		2		SM
2.0			SAND - silty, some gravel, trace clay, brown	
		3		SM
3.0				
		4		SM
4.0			ICE	
5.0				
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0567.7B
REPORT DHC-0089

567.7 56778324

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~3113~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5778324~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-324	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			ICE and SILT	
1.0			SAND - gravelly, silty, trace of clay, brown	
		1		SM
2.0				
		2		SM
3.0				
			ICE	
4.0				
5.0				
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

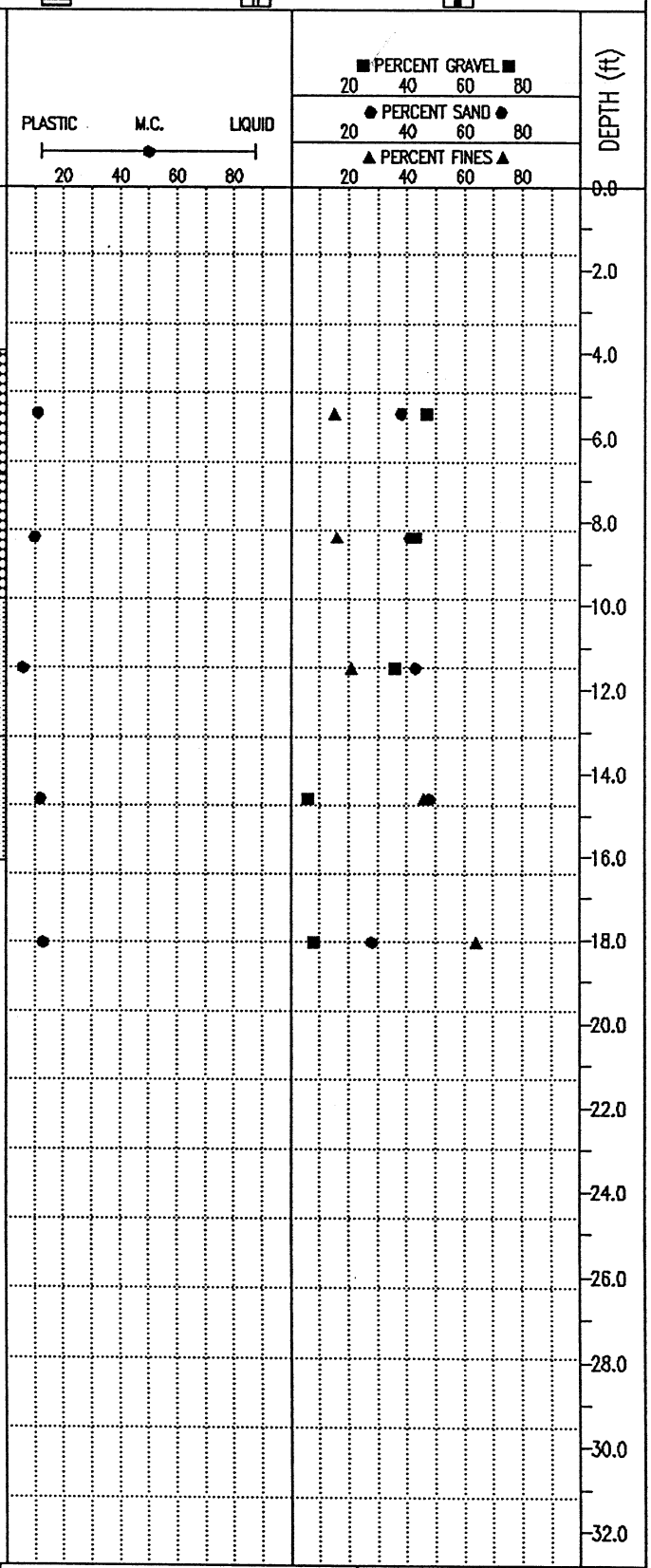
SOURCE REPORT 0567.7B DHC-009

567.7 5677327

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~571.3~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~571/327~~ 5677327
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-327	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT and ICE	
1.0				
			GRAVEL and SAND - some silt, brown	
		1		GM
2.0				
		2		GM
3.0			SAND and GRAVEL - silty	
		3		SM
4.0			SAND and SILT - trace gravel, trace clay, grey	
		4		SM
5.0			SILT - sandy, trace to some clay, trace gravel, grey	
		5		
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				



EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0567.7B DHC-009

567.7 5677B332

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~321~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~5411B332~~
GRANULAR RESOURCES INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-332	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS and ICE	
1.0			GRAVEL – silty, sandy	
2.0			END OF BOREHOLE AT 2.4m	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.4 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 05677B PHC-009

567.7 56778334

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~573~~ NWT, R & L OF HIGHWAY	BOREHOLE No. ~~56778334~~
GRANULAR RESOURCES INVENTORY	UTM ZONE: 8 N7482000 E519900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-334	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS				0.0
			ICE - silty				
1.0			GRAVEL - silty				2.0
							4.0
2.0							6.0
							8.0
3.0			SILT - gravelly				10.0
							12.0
4.0							14.0
			ICE				
5.0							16.0
			SILT				18.0
6.0			END OF BOREHOLE AT 6.1m				20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 R/L 5832B341

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~583.1~~ NWT, ~~000m L~~ OF HIGHWAY	BOREHOLE No. ~~5831B341~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7477400 E529550	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-341	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			GRAVEL - sandy	
1.0				
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0			END OF BOREHOLE AT 9.1m	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 P/L 5832B342

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~583.1~~ NWT, ~~68km~~ OF HIGHWAY	BOREHOLE No. ~~5831B342~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7477400 E529550	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-342	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SAND – fine grained	
1.0				
			SAND – coarse grained	
2.0				
3.0				
4.0				
			ICE	
5.0				
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 583.2 B R/L

0583.2B DHC-009

5832B343

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~583.1~~ NWT, ~~6[illegible]~~ L OF HIGHWAY	BOREHOLE No. ~~5831B343~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7477400 E529550	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-343	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS				0.0
			SAND - fine grained				
1.0							4.0
			SAND - coarse grained				
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
			ICE				
6.0							20.0
			END OF BOREHOLE AT 6.1m				
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT

0583.2B
DHC-009

583.2 R/L

5832B083

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~583.8~~ NWT, ~~120m R~~ OF HIGHWAY	BOREHOLE No. ~~5838B083~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7476350 E530000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 83	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
	■	1	SAND (SM) – gravelly, some silt, brown	SM
1.0			END OF BOREHOLE AT 0.9m STATION 1010 + 00 400ft RT	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 0.9 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 R/L 5832B252

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~583~~ NWT, ~~RIGHT~~ OF HIGHWAY	BOREHOLE No. ~~5832B252~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475900 E532100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-252	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SAND (SM-SC) - some silt, some gravel, trace of clay, damp, brown	
		1		SM-SC
1.0			- trace of gravel	
2.0		2		SM-SC
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0582.2B DHC-009

583.2 R/L 5832B253

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~586.3~~ NWT, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~5850B253~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475900 E532100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-253	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SAND - organic, icy	
1.0		1	SAND (SM) - some silt, some gravel, trace of clay, trace of organics, non-plastic, brown	SM
		2	SAND and GRAVEL (SP-SM) - trace of silt, trace of clay, brown	SP-SM
2.0		3	SAND (SM) - gravelly, some silt, trace of clay	SM
3.0		4	SAND and GRAVEL (SP-SM) - trace of silt, trace of clay, brown	SP-SM
4.0				
5.0		5	SAND (SP-SM) - some gravel, trace of silt, trace of clay, brown	SP-SM
6.0			- gravelly, some silt	
7.0		6		SM
8.0			- silty	
9.0		7		SM
10.0			- some silt	
		8		SM

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 11.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 2

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~535.5~~ NWT, LEFT OF HIGHWAY	BOREHOLE No. 5858B253
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475900 E532100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-253	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
10.0	■	8		SM			34.0
11.0			END OF BOREHOLE AT 11.0m				36.0
12.0							38.0
13.0							40.0
14.0							42.0
15.0							44.0
16.0							46.0
17.0							48.0
18.0							50.0
19.0							52.0
20.0							54.0
							56.0
							58.0
							60.0
							62.0
							64.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 11.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE REPORT 0583.2B DHC-009

583.2 R/L 5832B255

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5865~~ NWT, ~~WEST~~ OF HIGHWAY	BOREHOLE No. ~~5858B255~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475900 E532100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-255	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT - organic, icy	
1.0		1	GRAVEL and SAND (GP-GM) - trace of silt, trace of clay, non-plastic, browm	GP-GM
2.0		2	SAND (SM) - some silt, some gravel, trace of clay, non-plastic, browm	SM
3.0			- gravelly	
4.0		3		SM
5.0			SILT (CL) - sandy, trace to some clay, low plasticity, brown	
6.0		4		CL
7.0			END OF BOREHOLE AT 6.1m	
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

5832 R/L 5832B256

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~585.8~~ NWT, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~5832B256~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475900 E532100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-256	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS				0.0
1.0			GRAVEL – sandy				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			END OF BOREHOLE AT 9.1m				18.0
10.0							20.0
							22.0
							24.0
							26.0
							28.0
							30.0
							32.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 058B.2B DHC-009

583.2 E/L 583.2B257

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~585.8~~ NWT, ~~EET~~ OF HIGHWAY	BOREHOLE No. ~~SB5-B257~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475900 E532100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-257	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT - organic, icy	
1.0		1	GRAVEL and SAND (GM-GC) - some silt, trace of clay, brown	GM-GC
2.0		2		GM-GC
2.0			SAND (SM-SC) - some gravel, some silt, trace of clay, brown	
3.0		3		SM-SC
3.0			- gravelly	
4.0		4		SM-SC
5.0			- silty, trace of gravel	
6.0		5		SC
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 (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 583.2 RL

0583.2B DHE-009

583B258

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~586.8~~ NWT, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~583B258~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475900 E532100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-258	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SAND (SM-SC) – silty, some gravel, trace of clay, brown	
		1		SM-SC
1.0			– gravelly, some silt	
		2		SM-SC
2.0			– some gravel	
		3		SM-SC
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 R/L 58328259

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~585.5~~ NWT, ~~EAST~~ OF HIGHWAY	BOREHOLE No. ~~58328259~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475900 E532100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-259	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			GRAVEL – silty, icy	
1.0	■	1	SAND (SC) – silty, some gravel, trace of clay, brown	SC
	■	2		SC
2.0	■		– trace of gravel	
	■	3		SC
3.0	■		– some gravel	
	■	4		SC
4.0			ICE – some silt layers up to 150mm thick	
5.0				
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2R DHC-009

583.2 R/L 583B262

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~585.8~~ NWT, ~~LEFT~~ OF HIGHWAY	BOREHOLE No. ~~585B262~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475900 E532100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-262	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SAND (SM) - gravelly, some silt, trace of clay, brown	
	■	1		SM
1.0				
2.0			END OF BOREHOLE AT 2.1m	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 R/L 5832B267

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5858~~ NWT, ~~300m R~~ OF HIGHWAY	BOREHOLE No. ~~5868B267~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475000 E532750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-267	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SAND (SC) - some gravel, some silt, trace of clay, brown	
1.0		1		SC
2.0		2		SC
3.0			- gravelly	
4.0		3		SC
5.0			- silty, some gravel	
6.0		4		SC
7.0			- gravelly, some silt	
8.0		5		SC-SM
9.0			- trace of gravel	
10.0		6		SC-SM
			END OF BOREHOLE AT 8.5m	

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 8.5 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2 B DHC-009

583.2 R/L 583282.68

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~000.0~~ NWT, ~~000.0~~ R OF HIGHWAY	BOREHOLE No. ~~583282.68~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475000 E532750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-268	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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			ORGANICS				0.0
			GRAVEL - silty, sandy				2.0
1.0							4.0
							6.0
2.0							8.0
							10.0
3.0							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			END OF BOREHOLE AT 8.2m				32.0
9.0							
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 8.2 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 R/L 5832B269

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~585.5~~ NWT, ~~200m E~~ OF HIGHWAY	BOREHOLE No. ~~5832B269~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475000 E532750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-269	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
1.0		1	SAND (SC–SM) – silty, trace of clay, trace of gravel, brown	SC–SM
			– some silt	
2.0		2		SC–SM
3.0				
4.0		3		SC–SM
			– gravelly, trace of silt	
5.0		4		SC–SM
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 R/L 583B270

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~588.0~~ NWT, ~~200m R~~ OF HIGHWAY	BOREHOLE No. ~~583B270~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475000 E532750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-270	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SAND	
1.0				
			SILT – sandy	
2.0				
			SILT – icey	
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 R/L 583.2B271

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5866~~ NWT, ~~200m R~~ OF HIGHWAY	BOREHOLE No. ~~583.2B-271~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475000 E532750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-271	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS and ICEY SAND				0.0
			GRAVEL – sandy				2.0
1.0							4.0
			SILT – icey				6.0
2.0							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
9.0							30.0
							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 R/L 583ZB274

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5868~~ NWT, ~~280m R~~ OF HIGHWAY	BOREHOLE No. ~~5868B274~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475000 E532750	Project No: 0201-4860
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-274	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SAND	
1.0			SAND (SC) - some silt, some gravel, trace of clay, brown	
		1		SC
2.0			- silty, trace of gravel	
		2		SC
3.0			SAND and SILT (SC) - trace of gravel, trace of clay, brown	
		3		SC
4.0				
5.0				
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 R/L 5832B275

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~0000~~ NWT, ~~000m~~ OF HIGHWAY	BOREHOLE No. ~~5832B275~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7475000 E532750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-275	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SAND (SC) - silty, gravelly, trace of clay brown	
1.0		1		SC
			- some gravel	
2.0		2		SC
			SILT - sandy	
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 R/L 5832B109

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5[illegible]~~ NWT, ~~1160m L~~ OF HIGHWAY	BOREHOLE No. ~~5970B109~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7476000 E534000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-109	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			GRAVEL	
			BOULDER	
1.0			GRAVEL – dry	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
			END OF BOREHOLE AT 7.3m	
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 7.3 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 R/L 5832B249

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5225~~ NWT, ~~1000m L~~ OF HIGHWAY	BOREHOLE No. ~~5876B249~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7476000 E534000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-249	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS AND SANDY SILT	
			GRAVEL – silty, sandy	
1.0			GRAVEL – silty	
			SILT AND PEBBLES	
2.0				
3.0			GRAVEL – silty, sandy	
4.0			GRAVEL AND ICE	
5.0				
			GRAVEL – silty, sandy	
6.0				
7.0				
8.0				
9.0			SILT – sandy, fine	
			END OF BOREHOLE AT 9.1m	
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-D09

5832 R/L 5832B250

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~687.8~~ NWT, ~~1100m~~ L OF HIGHWAY	BOREHOLE No. ~~5878B250~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7476000 E534000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-250	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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, icy				0.0
			GRAVEL - silty, sandy				2.0
1.0							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0			- boulders at 4.3m				14.0
			END OF BOREHOLE AT 4.3m				16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
9.0							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.3 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583ZB DHC-009

583.2 R/L 5832B251

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~587.8~~ NWT, ~~1160m L~~ OF HIGHWAY	BOREHOLE No. ~~5870B251~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7476000 E534000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-251	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS - and icy silt				0.0
			GRAVEL - silty				2.0
1.0			SILT				4.0
							6.0
2.0			SAND - coarse				8.0
3.0			SAND - silty				10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0			GRAVEL - sandy				26.0
8.0							28.0
							30.0
9.0			END OF BOREHOLE AT 9.1m				32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0591.DR DHC-029

5910 5910B001

DEMPSTER HHIGHWAY CORRIDOR	SOURCE: KM ~~586~~ NWT, 2000m R OF HIGHWAY	BOREHOLE No. ~~5880B001~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7571900 E540300	Project No: 0201-4800
DEPT. OF INDIAN AFFAIRS & NRTHN. DEVLPMT	ORIGINAL BOREHOLE NUMBER - 650-1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0		1	SAND (SW) - some gravel, trace silt, well graded, cobbles to 125mm, brown	SW
1.0				
		2	GRAVEL (GW) and SAND - trace silt, well graded cobbles to 125mm	GW
2.0		3	Petrographic Analysis Quartzite 59% Granitic 7% Limestone 3% Cherts 18% Quartz 2% Ironstone 2% Porous Sandstone 4% Shalestone 2% Loss on ignition 3.7% Color Test Reading = 3	GW
		4		GW
3.0				
4.0		5		GW
5.0				
		6		GW
6.0				
7.0		7		GW
8.0				
9.0				
10.0		8	END OF BOREHOLE AT 10.0m	GW

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 10.0 m | COMPLETE 73/ /

LOGGED BY | DWG NO. | Page 1 of 1

SOURCE REPORT 0591.0R DHC-029

591.0 5910B002

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~588~~ NWT, 2000m R OF HIGHWAY	BOREHOLE No. ~~5880B002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7471800 E540400	Project No: 0201-4800
DEPT. OF INDIAN AFFAIRS & NRTHRN DVLPMNT	ORIGINAL BOREHOLE NUMBER - 650-2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (Pt) - organic silt, roots	
1.0	■	1		PT
2.0	■	2	GRAVEL (GW) and SAND - trace silt, well graded, cobbles to 150 m Color Test Reading = 4 and 5	GW
	■	3		GW
3.0	■	4		GW
4.0	■	5		GW
	■		- ice lensing @ 4.6 - 4.9	
5.0	■			
6.0	■	6		GW
7.0	■	7		GW
8.0	■		SAND (SW) and GRAVEL - trace silt, well graded, cobbles to 125 mm, brown	
9.0	■	8		SW
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 12.2 m		COMPLETE 73/ /
LOGGED BY	DWG NO.	Page 1 of 2

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 588 NWT, 2000m R OF HIGHWAY	BOREHOLE No. 5880B002
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7471800 E540400	Project No: 0201-4800
DEPT. OF INDIAN AFFAIRS & NRTHRN DVLPMNT	ORIGINAL BOREHOLE NUMBER - 650-2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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)
10.0							34.0
	■	9		SW	●	▲ ■ ●	
11.0							36.0
							38.0
12.0	■	10		SW	●	▲ ■ ●	
			END OF BOREHOLE AT 12.2 m				40.0
13.0							42.0
							44.0
14.0							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							
20.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 12.2 m		COMPLETE 73/ /
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE 0591.0R
REPORT DHC-029

591.0 5910B003

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~598~~ NWT, 2000m R OF HIGHWAY	BOREHOLE No. ~~5910B003~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7471800 E540100	Project No: 0201-4800
DEPT. OF INDIAN AFFAIRS & NRTHN. DEVLPMT	ORIGINAL BOREHOLE NUMBER - 650-3	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC (Pt) - silty topsoil, root fibres	
1.0	■	1	SAND (SM) - some gravel, some silt Color Test Reading = 3 to 4	SM
	■	2		SM
2.0	■	3		SM
	■	4		SM
3.0			SILT - little gravel, little sand, low plastic (till)	
4.0			END OF BOREHOLE AT 4.3m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.3 m		COMPLETE 73/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0591.0 R DHC-009

591.0 5910B004

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 388 NWT, 2000m R OF HIGHWAY	BOREHOLE No. ~~5910B004~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7471700 E539800	Project No: 0201-4800
DEPT. OF INDIAN AFFAIRS & NRTHN. DEVLPMT	ORIGINAL BOREHOLE NUMBER - 650-4	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC (Pt) - silty, root fibres	
			SAND (SM) - some gravel, little silt, cobbles to 125 mm	
1.0		1	SAND (SW-SM) and GRAVEL - trace silt, well graded, cobbles to 150 mm, brown	SM
		2	Petrographic Analysis Quartzite 67% Granitic Limestone 3% Cherts Soft Limestone 1% Ironstone Quartz 1% Porous Sands	SW-SM
2.0		3	Loss on ignition - 2-84% Color Test Reading = 3 to 4	SW-SM
		4		SW-SM
3.0		5		SW-SM
4.0		6		SW-SM
5.0			- ice lensing @ 5.5m	
6.0		7		SW-SM
			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 73/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0591.02 DHC-029

591.0 5910B005

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~588~~ NWT, 2000m R OF HIGHWAY	BOREHOLE No. ~~5910B005~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7471900 E540000	Project No: 0201-8400
DEPT. OF INDIAN AFFAIRS & NRTHN. DEVLPMT	ORIGINAL BOREHOLE NUMBER - 650-5	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (Pt) - Organic silt, roots etc.	
			SAND (SP-SM) - some gravel, little silt, cobbles and boulders, refusal on boulder	
			Color Test Reading = 3 to 4	
1.0	■	1		SW
2.0	■	2	END OF BOREHOLE AT 2.4m	SW
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.4 m	COMPLETE 73/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 R/L 5832B071

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5832~~ NWT, ~~400m R~~ OF HIGHWAY	BOREHOLE No. ~~5832B071~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7474400 E534750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 71	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT – organic	
			SILT – clayey, trace of pebbles	
1.0	■	1	SAND and GRAVEL (SW–SC) – trace of silt, brown	SW-SC
2.0	■	2	SAND and SILT (SC) – some gravel, brown	SC
3.0			END OF BOREHOLE AT 3.0m	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 R/L 5832B072

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5892~~ NWT, ~~300m R~~ OF HIGHWAY	BOREHOLE No. ~~5892B072~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7474400 E534750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 72	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			GRAVEL - silty	
1.0			END OF BOREHOLE AT 1.10m	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 1.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B PHC-009

583.2 R/L 5832 B148

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5832~~ NWT, ~~300m R~~ OF HIGHWAY	BOREHOLE No. ~~5832B148~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7474400 E534750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-148	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS				0.0
			GRAVEL				2.0
1.0							4.0
							6.0
2.0							8.0
							10.0
3.0			END OF BOREHOLE AT 3.0m				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
9.0							
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

5832 R/L 5832B150

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5832~~ NWT, ~~360m R~~ OF HIGHWAY	BOREHOLE No. ~~5802B150~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7474400 E534750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-150	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS				0.0
			GRAVEL – silty				2.0
1.0							4.0
							6.0
2.0							8.0
			END OF BOREHOLE AT 2.7m				10.0
3.0							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
9.0							
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.7 m | COMPLETE 71/ /

LOGGED BY | DWG NO. | Page 1 of 1

SOURCE REPORT 058328 DHC-009

5832 R/L 5832B236

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5832~~ NWT, ~~900m~~ R OF HIGHWAY	BOREHOLE No. ~~5832B236~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7474400 E534750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – C-236	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS and SILT – icy	
1.0		1	SAND (SC) – silty, gravelly, trace of clay brown	SC
			SILT (CL) – sandy, trace of some clay, trace of gravel, brown	
2.0		2		CL
		3	SAND (SC) – gravelly, some silt, trace of clay, brown	SC
3.0		4	GRAVEL (GM) – sandy, trace of silt, trace of clay, brown	GM
		5		GM
		6	SAND (SM) – gravelly, some silt, trace of clay, brown	SM
4.0		7	SAND and GRAVEL (SM) – trace of silt, trace of clay	SM
5.0			END OF BOREHOLE AT 4.9m	
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.9 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 e/L 5832B237

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~680.2~~ NWT, ~~300m E~~ OF HIGHWAY	BOREHOLE No. ~~5B0232~~ 5832B237
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7474400 E534750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-237	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS and SILT	
			SAND and GRAVEL (SM) - some silt, brown	
1.0		1		SM
			SAND (SM) - gravelly, some silt, brown	
2.0		2		SM
			SAND and GRAVEL (SM) - some silt, brown	
		3		SM
3.0				
4.0				
5.0				
			- trace of silt	
		4		SM
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 R/C 583B240

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~580.2~~ NWT, ~~300m R~~ OF HIGHWAY	BOREHOLE No. ~~583B240~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7474400 E534750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-240	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS and SILT	
			GRAVEL – silty	
1.0				
2.0				
			SILT and GRAVEL	
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 RL 5832B241

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~583.2~~ NWT, ~~300m R~~ OF HIGHWAY	BOREHOLE No. ~~5832B241~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7474400 E534750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-241	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT - organic, icy	
			GRAVEL and SAND (GC) - some silt, trace of clay, brown	
1.0		1		GC
			- trace of silt	
2.0		2		GP-GM
3.0				
		3		SM
4.0			ICE	
5.0				
			END OF BOREHOLE AT 5.5m	
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.5 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 R/L 5832B242

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5892~~ NWT, ~~200m R~~ OF HIGHWAY	BOREHOLE No. ~~5892B242~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7474400 E534750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-242	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
		1	SAND (SC) – silty, some gravel, trace of clay, brown	SC
1.0				
			SAND and GRAVEL (SC) – some silt, trace of clay, brown	
2.0		2		SC
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 583.2B DHC-009

583.2 R/L 583RB243

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5832~~ NWT, ~~300m R~~ OF HIGHWAY	BOREHOLE No. ~~5832B243~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7474400 E534750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-243	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS and ICE	
			ICE - silty	
1.0				
	■	1	SILT and SAND (CL) - trace to some gravel, trace of clay, brown	CL
2.0				
	■	2	SAND and SILT (SC) - gravelly, trace of clay, brown	SC
3.0				
			ICE	
4.0	■	3	SAND and GRAVEL (SW-SM) - trace of silt, trace of clay, brown	SW-SM
	■		SAND (SC-SM) - some silt, trace of clay, trace of gravel, brown	
5.0	■	4		SC-SM
			END OF BOREHOLE AT 5.5m	
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.5 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

5832 R/L 5832B244

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5832~~ NWT, ~~300m R~~ OF HIGHWAY	BOREHOLE No. ~~5832B244~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7474400 E534750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-244	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT - icy	
1.0				
	■	1	SAND (SC) - gravelly, some silt, trace of clay, brown	SC
2.0				
		2	SAND and GRAVEL (SW-SM) - trace of silt, trace of clay, brown	SW-SM
3.0				
			END OF BOREHOLE AT 3.4m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.4 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 06832B DHC-009

583.2 R/L 5832B245

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5832~~ NWT, ~~380m E~~ OF HIGHWAY	BOREHOLE No. ~~5832B245~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7474400 E534750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-245	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT - icy	
1.0		1	SAND and SILT (SC) - some gravel, trace of clay, brown	SC
		2	SAND and GRAVEL (SC) - silty, trace of clay, brown	SC
2.0		3	SILT and SAND (SC) - gravelly, trace of clay, brown	SC
3.0			SAND and GRAVEL (SW-SM) - trace of silt, trace of clay, brown	
		4		SW-SM
4.0				
5.0		5		SW-SM
			END OF BOREHOLE AT 5.2m	
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.2 m | COMPLETE 71/ /

LOGGED BY | DWG NO. | Page 1 of 1

SOURCE REPORT 0583.2B DHC-009

583.2 R/L 5832B246

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~500.1~~ NWT, ~~300m E~~ OF HIGHWAY	BOREHOLE No. ~~5902B246~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7474400 E534750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-246	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT – icy	
1.0				
		1	SILT and SAND (CL) – trace to some clay, trace of gravel, brown	CL
2.0				
		2	SAND and GRAVEL (SW–SM) – some silt, brown	SW–SM
3.0			SAND (SM) – gravelly, some silt, brown	
		3		SM
4.0				
5.0		4		SW–SM
			END OF BOREHOLE AT 5.5m	
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.5 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0599.0L
REPORT DHC-009

599.0 5990B045

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~601.0~~ NWT, 150m L OF HIGHWAY	BOREHOLE No. ~~6010B045~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7478450 E545100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-45	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SAND	
1.0				
	■		SAND - silty	
2.0	■	1		
	■		ICE	
3.0	■	2	END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0599.01 DHC-009

599.0 5990 B046

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~601.0~~ NWT, 150m ~~L~~ OF HIGHWAY	BOREHOLE No. ~~601B046~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7478450 E545100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-46	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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				0.0
1.0		1					2.0
2.0							4.0
3.0			END OF BOREHOLE AT 3.0m				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
							22.0
							24.0
							26.0
							28.0
							30.0
							32.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0599.04
REPORT DHC-009

5990 5990B047

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~051.0~~ NWT, ~~150m~~ L OF HIGHWAY	BOREHOLE No. ~~60105047~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7478450 E545100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-47	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS - and ice	
			SAND - silty, gravelly	
1.0				
2.0			ICE - pure	
3.0				
4.0				
		1		
5.0				
6.0				
7.0			ICE - with sand layers	
8.0				
			ICE - pure	
9.0			END OF BOREHOLE AT 9.1m	
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0599.01 DHC-009

599.0 5990B048

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~0815~~ NWT, 150m L OF HIGHWAY	BOREHOLE No. ~~B010/B048~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7478450 E545100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-48	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS - and ice	
	■		SAND - gravelly	
1.0	■	1		
2.0	■			
			ICE	
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m | COMPLETE 71/ /

LOGGED BY | DWG NO. | Page 1 of 1

SOURCE REPORT 0599.01 DHC-009

599.0 5990106

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~601.0~~ NWT, 150m L OF HIGHWAY	BOREHOLE No. ~~0010106~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7478450 E545100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 106	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
	■	1	GRAVEL - sandy	
1.0				
2.0				
	■	2		
3.0				
4.0				
	■	3		
5.0				
	■	4	SAND - gravelly, coarse	
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0609.0L DHC-009

609.0 6090B001

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~810.0~~ NWT, 100m L OF HIGHWAY	BOREHOLE No. ~~6100B001~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7480600 E552600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
	■		GRAVEL	
1.0	■			
2.0	■	1		
3.0	■			
	■		SHALE - medium	
4.0	■			
	■	2		
5.0	■			
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0609.0L DHC-009

609.0 6090B002

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~5194~~ NWT, 100m L OF HIGHWAY	BOREHOLE No. ~~61008002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7480600 E552600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			HUMUS	
			ICE - gravelly	
	■		GRAVEL	
1.0	■			
	■	1		
2.0	■			
	■		SHALE - medium	
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 71/ /
LOGGED BY	DWG NO.

SOURCE 0609.01
REPORT DHC-009

609.0 609B003

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~810~~ NWT, 100m L OF HIGHWAY	BOREHOLE No. ~~6100B003~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7480600 E552600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-3	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			CLAY – icy, gravelly, silty	
1.0			CLAY – gravelly, silty	
			GRAVEL	
2.0		1		
3.0				
			SHALE – medium, dusty	
4.0				
		2		
5.0				
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0609.0L DHC-009

609.0 6090B011

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~610.~~0 NWT, 100m L OF HIGHWAY	BOREHOLE No. ~~6100B011~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7480600 E552600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-11	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
			GRAVEL – trace of ice at 1.2m	
1.0				
2.0	■	1	SHALE – gravelly	
3.0	■		SHALE – medium, dusty 2.1m to 6.1m	
4.0				
5.0				
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0609.L
REPORT DHC-009

609.0 6090B139

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~610.0~~ NWT, 100m L OF HIGHWAY	BOREHOLE No. ~~6100B139~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7480600 E552600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-139	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
			GRAVEL - silty, sandy	
1.0	■			
2.0	■	1		
			SILT - and pebbles and shale layers, mixture	
3.0				
4.0				
	■		SHALE - soft	
5.0	■			
	■		SHALE - soft, layered, and silt	
6.0	■	2		
7.0	■			
	■		SHALE - medium	
8.0				
9.0				
			END OF BOREHOLE AT 9.1m	
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0669.0 L DHC-009

609.0 6090B141

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~618.0~~ NWT, 100m L OF HIGHWAY	BOREHOLE No. ~~G1608141~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7480600 E552600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - R-141	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
1.0			GRAVEL - clayey, silty	
2.0	■	1	GRAVEL - clayey, silty	
3.0	■	2	SHALE - soft, mixture	
4.0	■		SHALE - soft	
6.0			END OF BOREHOLE AT 6.1m	
10.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 069.0L DHC-009 6090B142

6090

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~410.0~~ NWT, 100m L OF HIGHWAY	BOREHOLE No. ~~61B0B142~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7480600 E552600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – R-142	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
		1	GRAVEL – fine, sandy	
1.0			SILT – and pebbles, clayey	
2.0		2		
3.0				
4.0			SAND – silty, coarse	
		3		
5.0			SAND – and shale, silty, coarse, mixture	
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0611.3R DHC-009

611.3 6113B012

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~414~~ NWT, 335m R OF HIGHWAY	BOREHOLE No. ~~61408012~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7485350 E552900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - S-12	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
			SAND - silty, wet, visual ice	
1.0				
			GRAVEL	
2.0		1		
			SHALE - medium	
3.0				
4.0		2		
5.0				
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/08/
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0670.0L DHC-009

670.0 67008264

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~372.6~~ NWT, 420m L OF HIGHWAY	BOREHOLE No. ~~6726B264~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7538500 E563500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - S-264	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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				0.0
	■		SAND - silty, gravelly				
1.0	■	1			●		2.0
	■						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
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/07/
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0670.0L
REPORT DHC-009

6700 6700B265

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~672.6~~ NWT, 420m L OF HIGHWAY	BOREHOLE No. ~~6700B265~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7538500 E563500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - S-265	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0				
	■	1	SAND - silty, gravelly	
1.0				
			GRAVEL - sandy	
2.0		2		
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/07/
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0670.0L DHC-009

670.0 6700B266

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~672.8~~ NWT, 420m L OF HIGHWAY	BOREHOLE No. ~~6726B266~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7538500 E563500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - S-266	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0	■	1	SAND - silty, gravelly	
1.0				
2.0			GRAVEL - sandy	
3.0				
4.0			ICE	
5.0				
6.0				
7.0				
8.0			END OF BOREHOLE AT 7.9m	
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 7.9 m	COMPLETE 71/07/
LOGGED BY	DWG NO.

SOURCE 0670.0L
REPORT DHC-009

670.0 67008267

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~572.6~~ NWT, 420m L OF HIGHWAY	BOREHOLE No. ~~67268267~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7538500 E563500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - S-267	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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				0.0
1.0							2.0
							4.0
2.0			GRAVEL - sandy				6.0
							8.0
3.0							10.0
							12.0
4.0			ICE				14.0
							16.0
5.0							18.0
							20.0
6.0			END OF BOREHOLE AT 6.1m				22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m	COMPLETE 71/07/	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0670.0L
REPORT DHC-009

670.0 6700B268

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~672.8~~ NWT, 420m L OF HIGHWAY	BOREHOLE No. ~~672.0B268~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7538500 E563500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - S-268	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SAND - silty, gravelly	
1.0			GRAVEL - sandy	
2.0			ICE	
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/07/
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0670.0 DHC009

670.0 6700B269

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~672.0~~ NWT, 420m L OF HIGHWAY	BOREHOLE No. ~~6700B269~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7538500 E563500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – S-269	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SAND – silty, gravelly	
1.0			GRAVEL – sandy	
4.0			ICE	
5.0			SILT	
6.0			END OF BOREHOLE AT 6.1m	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/07/
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0670.0
REPORT DHC-009

670.0 67008270

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~8725~~ NWT, 420m L OF HIGHWAY	BOREHOLE No. ~~67268270~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7538500 E563500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - S-270	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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				0.0
1.0							2.0
							4.0
			GRAVEL - sandy				6.0
2.0							8.0
3.0							10.0
							12.0
4.0							14.0
			ICE				
			END OF BOREHOLE AT 4.3m				
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							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.3 m		COMPLETE 71/07/
LOGGED BY	DWG NO.	Page 1 of 1

Source Report 670.0 DHC-009

670.0 6706B271

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~623.0~~ NWT, 420m L OF HIGHWAY	BOREHOLE No. ~~6726B271~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7538500 E563500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - S-271	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SAND - silty, gravelly	
1.0			GRAVEL - sandy	
2.0				
3.0			ICE END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 71/07/
LOGGED BY	DWG NO.

SOURCE REPORT 0670.0 DHC-009

6700 6700 B272

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~6726~~ NWT, 420m L OF HIGHWAY	BOREHOLE No. ~~6726 B272~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7538500 E563500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - S-272	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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				0.0
1.0			GRAVEL - sandy				2.0
2.0							4.0
3.0							6.0
4.0			ICE				8.0
			END OF BOREHOLE AT 4.3m				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
							24.0
							26.0
							28.0
							30.0
							32.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.3 m		COMPLETE 71/07/
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0672.0B DHC-011

6720 6720B224

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~674.2~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~6742B224~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7539400 E564400	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 224	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
			GRAVEL	
1.0		1		
2.0				
		2	SAND - silty, with pebbles	
3.0			SAND	
4.0		3		
5.0				
			END OF BOREHOLE AT 5.5m	
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.5 m		COMPLETE 71/07/
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0672.0B DHC-011

672.0 6720B278

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~674.2~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~672.0B278~~ 6720B278
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7539400 E564400	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - S-278	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SAND - gravelly	
1.0				
2.0	■		SILT - sandy	
3.0	■	1		
4.0	■			
5.0	■		SAND - silty	
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/07/
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0672.0B DHC-011

672.0 67208279

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~674~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~0742B279~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7539400 E564400	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - S-279	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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				0.0
1.0							2.0
							4.0
2.0			SAND				6.0
							8.0
3.0		1			●		10.0
							12.0
4.0			SILT - sandy				14.0
		2			●		16.0
5.0							18.0
			ICE				20.0
6.0			END OF BOREHOLE AT 6.1m				22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/07/
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0672.0B DHC-011

672.0 6720B280

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~672~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~672~~6720B280
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7539400 E564400	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - S-280	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0				
			SAND - gravelly	
1.0		1		
2.0				
			SILT - sandy	
3.0				
4.0		2		
5.0				
6.0				
			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/07/
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0672.0B DHC-011

6720B281

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~6742~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~6742B281~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7539400 E564400	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - S-281	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
		1	SAND - icy	
1.0			SILT, SAND, GRAVEL - mixture	
		2		
2.0			SILT - sandy	
3.0				
4.0				
5.0				
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/07/
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0672.0B DHC-011

672.0 6720B283

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 674 NWT, BOTH SIDES OF HWAY	BOREHOLE No. 672.0B283
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7539400 E564400	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - S-283	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0	■	1	SAND - gravelly	
1.0				
2.0			SILT	
3.0				
4.0				
			END OF BOREHOLE AT 4.6m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.6 m		COMPLETE 71/07/
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0672.0B DHC-011

672.0 6720B285

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~0412~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~6742B285~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7539400 E564400	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - S-285	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0				
			SAND - gravelly	
1.0		1		
2.0				
			SILT - clayey	
3.0				
4.0		2		
5.0				
			END OF BOREHOLE AT 5.5m	
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.5 m		COMPLETE 71/07/
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0672.0B DHC-011

6720 6720B286

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~674.2~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~GT42/B286~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7539400 E564400	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - S-286	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			LEAF MOSS	
			SAND - silty, gravelly	
1.0		1		
			SILT - sandy	
2.0				
		2		
3.0				
			SILT - sandy, clayey	
4.0		3		
			END OF BOREHOLE AT 4.6m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.6 m		COMPLETE 71/07/
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0672.0B PHC-011

672.0 R/L 6720B062

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~675.0~~ NWT, ~~340m R~~ OF HIGHWAY	BOREHOLE No. ~~6750B062~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7539400 E564500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-62A	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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				0.0
1.0	■						2.0
2.0	■	1			●		4.0
3.0	■						6.0
4.0	■						8.0
			SILT - sandy, clayey				10.0
			END OF BOREHOLE AT 4.3m				12.0
5.0							14.0
6.0							16.0
7.0							18.0
8.0							20.0
9.0							22.0
10.0							24.0
							26.0
							28.0
							30.0
							32.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.3 m	COMPLETE 71/07/	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0672.0B DHC-011

672.0 R/L 6720B066

DEMPSTER HIGHEAY CORRIDOR	SOURCE: KM ~~6250~~ NWT, ~~340m E~~ OF HIGHWAY	BOREHOLE No. ~~6750B066~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7539400 E564500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – C-66A	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SAND – gravelly	
1.0				
2.0	■	1	SILT – sandy	
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/07/
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0672.08 DHC-011

672.0 R/L 67208067

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~625.0~~ NWT, ~~340m R~~ OF HIGHWAY	BOREHOLE No. ~~6750B067~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7539400 E564500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER C-67	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
			GRAVEL – sandy	
1.0				
			SILT – sandy	
2.0				
		1		
3.0				
4.0			END OF BOREHOLE AT 4.0m	
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 4.0 m		COMPLETE 71/07/
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0672-08 DHC-011

6720 6720B068

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~626.2~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~6762B068~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7540900 E564700	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-68	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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				0.0
	■		GRAVEL – silty and shale chips, some small boulders				2.0
1.0							4.0
		1			●		6.0
2.0							8.0
3.0			END OF BOREHOLE AT 3.0m				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
9.0							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0672.0B DHC-011

672.0 6720B069

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~576.7~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~672.0B069~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7540900 E564700	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-69	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
	■		GRAVEL - sandy	
1.0	■	1		
2.0	■		SILT - sandy, pebbles	
	■	2		
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0672.08 DHC-011

672.0 6720807

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~678.5~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~6720807~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7540900 E564700	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – C-71	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
	■	1	GRAVEL – sandy	
1.0				
			SILT – sandy, clayey	
2.0				
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0672.08
REPORT DHC011

6720 6720807 6

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~676.5~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~C762B076~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7540900 E564700	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-76	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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				0.0
			GRAVEL - silty				2.0
1.0							4.0
							6.0
2.0			SILT - sandy, icey				8.0
							10.0
3.0			END OF BOREHOLE AT 3.0m				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
9.0							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0672.0B DHC 001

67B.0 67208231

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~6762~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~6762B231~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7540900 E564700	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 231	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
	■		GRAVEL - sandy, clayey	
1.0	■	1		
	■		GRAVEL - sandy	
2.0	■	2		
	■		GRAVEL and CLAY	
3.0	■	3	END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 71/ /
LOGGED BY	DWG NO.

SOURCE REPORT 0672.0B DHC-011

672.0 RL

6720B094

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~670.0~~ NWT, ~~450m R~~ OF HIGHWAY	BOREHOLE No. ~~6720B094~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7544750 E564400	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 94	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SAND (SC) – silty, some clay, some gravel,	
	■	1		SC
1.0			GRAVELLY SILT or SILTY GRAVEL	
2.0				
			SILT (CL) – sandy, clayey, trace of gravel	
	■	2		ML
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0680.0L
REPORT DWG-011

680.0 6800B083

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~682.7~~ NWT, 700m L OF HIGHWAY	BOREHOLE No. ~~6827B083~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7548350 E562650	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 83	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT - brown	
			SAND (SM-SC) - some silt, some gravel, trace of clay, brown	
1.0	■	1		SM-SC
2.0				
	■	2	SAND (SM) - some silt, some clay, grey	SM
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0680-01 DHC-011

680.0 68008085

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~682.7~~ NWT, 700m L OF HIGHWAY	BOREHOLE No. ~~68027B085~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7548350 E562650	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 85	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT - brown	
			SAND (SM-SC) - silty, trace of clay, trace of gravel, brown	
1.0	■	1		SM-SC
			SILT (ML) - some sand, trace of clay, grey	
2.0				
	■	1		ML
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 068001
REPORT DHC-01

680.0 68008109

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~682.7~~ NWT, 700m L OF HIGHWAY	BOREHOLE No. ~~68027B109~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7548350 E562650	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-109	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
			SAND - wet	
1.0			SAND - gravelly, boulders	
2.0			ICE	
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0680.02 DHC-011

680.0 6800B110

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~682.7~~ NWT, 700m L OF HIGHWAY	BOREHOLE No. ~~68270110~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7548350 E562650	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – C-110	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
			SAND	
		1		
1.0				
			SAND – gravelly	
2.0				
		2		
3.0				
			GRAVEL – silty	
4.0				
		3		
5.0				
			SILT	
6.0				
			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0680.01
REPORT DHC-011

680.0 6800B111

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~682.7~~ NWT, 700m L OF HIGHWAY	BOREHOLE No. ~~0827B111~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7548350 E562650	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-111	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
			SAND	
1.0				
	■		SAND - gravelly	
2.0		1		
3.0				
			ICE	
4.0			SILT and PEBBLES	
5.0		2		
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 6690.GR DHC-011

6900 6900B077

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~986.9~~ NWT, 200m R OF HIGHWAY	BOREHOLE No. ~~6860B077~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7552350 E563250	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT - brown	
			SAND and SILT (CL) - some clay, trace of gravel, brown	
1.0	■	1		CL
2.0				
			GRAVEL (GP-GM) - sandy, silty, trace of clay, brown	
3.0	■	2		GP-GM
4.0			SILT - gravelly	
5.0			SAND and SILT (CL-ML) - some clay, grey	
	■	3		CL-ML
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 72/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0690.0R DHC-011

690.0 6900B131

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~[illegible]~~-NWT, 200m R OF HIGHWAY	BOREHOLE No. ~~6869B131~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7552350 E563250	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-131	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
			SAND - gravelly	
1.0				
	■	1	SAND, SILT, SHALE - mixture	
2.0				
			BOULDERS	
			END OF BOREHOLE AT 2.7m	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.7 m	COMPLETE 72/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0690.0R
REPORT DHC-011

690.0 69008057

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~693.4~~ NWT, 250m R OF HIGHWAY	BOREHOLE No. ~~69008057~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7557000 E563800	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 57	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SAND and SILT (SC) – some clay, some gravel, brown	
1.0	■	1		SC
2.0				
	■	2	SAND and GRAVEL (SC) – silty, trace of clay, brown	SC
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 690.0R DHC-011

690.0

690080S9

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~693.4~~ NWT, 250m R OF HIGHWAY	BOREHOLE No. ~~690847059~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7557000 E563800	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 59	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SAND (SC) – silty, some clay, trace of gravel, brown	
1.0	■	1		SC
			– trace of clay	
2.0	■	2		SC
			END OF BOREHOLE AT 2.4m	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.4 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

source 0690.0R
REPORT DHC-011

690.0 6900B064

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~883~~ NWT, 250m R OF HIGHWAY	BOREHOLE No. ~~6954B064~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7557000 E563800	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 64	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS				0.0
			SILT (CL) - sandy, some clay, some gravel, brown				
	■	1		CL	●	■ ● ▲	2.0
1.0							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
6.0	■	2	- no gravel, grey	CL		■ ● ▲	20.0
			END OF BOREHOLE 6.3m				22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.3 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0690.02
REPORT DHC-011

690.0 6900B151

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~693.4~~ NWT, 250m R OF HIGHWAY	BOREHOLE No. ~~6934B151~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7557000 E563800	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-151	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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				0.0
			SAND - coarse, no frost				
		1					2.0
1.0							4.0
			SAND - gravelly				
2.0							6.0
							8.0
		2					
3.0							10.0
							12.0
4.0							14.0
			SAND - fine, dry				
5.0							16.0
		3					18.0
6.0							20.0
							22.0
			SILT - sandy, visual ice				
7.0							24.0
8.0							26.0
							28.0
			ICE				
9.0							30.0
			END OF BOREHOLE AT 9.1m				
10.0							32.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0690.0R
REPORT DHC-011

690.0 6900B153

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~993.4~~ NWT, 250m R OF HIGHWAY	BOREHOLE No. ~~6934B153~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7557000 E563800	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – C-153	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
			SILT – sandy	
1.0			GRAVEL – silty or boulders and sandstone	
2.0				
3.0		1		
4.0				
5.0			END OF BOREHOLE AT 5.2m	
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.2 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0690.DR
REPORT DHC-011

690.0

6900B156

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~683.4~~ NWT, 250m R OF HIGHWAY	BOREHOLE No. ~~6834B156~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7557000 E563800	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-156	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
			SAND - silty, icey	
1.0			SAND - silty, fine	
2.0		1		
			SAND - gravelly	
3.0				
4.0				
		2		
5.0				
6.0				
			ICE	
7.0				
8.0				
9.0			END OF BOREHOLE AT 9.1m	
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m | COMPLETE 71/ /

LOGGED BY | DWG NO. | Page 1 of 1

SOURCE 0690.0R
REPORT DHC-011

690.0 6900B158

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~6954~~ NWT, 250m R OF HIGHWAY	BOREHOLE No. ~~6923471586~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7557000 E563800	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-158	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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 - gravelly				0.0
1.0		1			●		2.0
							4.0
			GRAVEL				6.0
2.0		2			●		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
9.0							30.0
							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 72/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0706.0 BL DHC-01

706.0 BL 7060B130

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~706.0~~ NWT, ~~350m L~~ OF HIGHWAY	BOREHOLE No. ~~7060B130~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566250 E565200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 130	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
	■	1	SAND (SC) - gravelly, trace of to some silt, trace of clay, brown	SC
1.0				
	■	2	SAND and GRAVEL (SC) - trace of silt, trace of clay, brown	SC
2.0				
	■	3	SAND (SC) - some gravel, trace of silt, trace of clay, brown	SC
3.0				
	■	4	- silty, some clay, trace of gravel	SC
4.0				
5.0				
6.0			END OF BOREHOLE AT 6.3m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.3 m | COMPLETE 71/ /

LOGGED BY | DWG NO. | Page 1 of 1

SOURCE 0706.08 L
REPORT DHC-011

7060 7060B133

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~701.3~~ NWT, ~~350m S~~ OF HIGHWAY	BOREHOLE No. ~~7043B133~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566250 E565200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 133	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC – M.C. – LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS				0.0
	■	1	SAND (SC) – some gravel, some silt, trace of clay	SC			2.0
1.0							4.0
	■	2	– gravelly	SC			6.0
2.0							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
9.0							30.0
							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706.0B L
REPORT DHC-011

706.0 7060B135

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~704.5~~ NWT, 350m L OF HIGHWAY	BOREHOLE No. ~~7045B135~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566250 E565200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 135	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS				0.0
			SAND (SM) – some gravel, some silt, trace of clay, brown				2.0
1.0	■	1		SM	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
9.0							30.0
							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706-08L
REPORT DHC-011

706.0 NWL 70608258

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~384.5~~ NWT, ~~350m E~~ OF HIGHWAY	BOREHOLE No. ~~70408258~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566250 E565200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-258	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SAND (SM) - gravelly, some silt, trace of clay, brown	
1.0				
		1		SM
2.0				
3.0			SAND - silty	
			ICE	
4.0				
5.0			SAND - silty	
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706.08L
REPORT DHC-011

706.0

7060B260

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~261.3~~ NWT, ~~360m L~~ OF HIGHWAY	BOREHOLE No. ~~7041B260~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566250 E565200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-260	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS				0.0
			SAND (SM) – some gravel, some silt, trace of clay, brown				
1.0							4.0
		1		SM	●	■ ●	
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							
10.0							32.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 070608L DHC-061

7060 IL 7060B261

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~704.8~~ NWT, ~~350m L~~ OF HIGHWAY	BOREHOLE No. ~~7043B261~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566250 E565200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-261	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
	■		SAND (SC) - trace of gravel, trace of silt trace of clay, brown	
1.0		1		SM
2.0				
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706.0BL
REPORT DHC-011

706.0 7060B262

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~794.3~~ NWT, ~~350m L~~ OF HIGHWAY	BOREHOLE No. ~~7943B262~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566250 E565200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-262	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
	■	1	SAND (SM) - gravelly, some silt, trace of clay, brown	SM
1.0				
			- trace of silt, no clay, grey	
2.0		2		SP-SM
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706.0BL
REPORT DHC-01

706.0 BL

7060263

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~704.3~~ NWT, ~~350m~~ L OF HIGHWAY	BOREHOLE No. ~~7043263~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566250 E565200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – C-263	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
	■	1	SAND (SM) – some gravel, some silt, trace of clay, brown	SM
2.0			SAND – silty	
3.0			END OF BOREHOLE 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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0706.048 L
DHC-011

706.0 L 7060B264

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~704.3~~ NWT, ~~360m L~~ OF HIGHWAY	BOREHOLE No. ~~7043B264~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566250 E565200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-264	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS				0.0
	■		SAND (SM) - some gravel, some silt, trace of clay, brown				2.0
1.0							4.0
		1		SM	●	■ ▲ ●	6.0
2.0							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
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0706D&L DHC-011

706.0 L 7060B265

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~704.3~~ NWT, ~~350m L~~ OF HIGHWAY	BOREHOLE No. ~~7043B265~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566250 E565200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-265	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			GRAVEL and SAND (GP-GM) - trace of silt, brown	
1.0		1		GP-GM
2.0			SAND (SC) - some silt, trace of clay, trace of gravel, grey	
		2		SC
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706.0 L
REPORT DHC-011

706.0

7060266

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~704.3~~ NWT, ~~360m L~~ OF HIGHWAY	BOREHOLE No. ~~7043B266~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566250 E565200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – C-266	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
	■	1	SAND (SM) – gravelly, some silt, trace of clay, grey	SM
1.0				
2.0			SAND – silty	
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 07060BL
REPORT DHC-011

706.0 BL

7060B267

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~704.5~~ NWT, ~~SIDE~~ E OF HIGHWAY	BOREHOLE No. ~~7043B267~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566250 E565200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-267	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
	■	1	SAND (SM) - some silt, some gravel, trace of clay, brown	SM
1.0				
2.0			SILT and SAND - trace of clay, grey	
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706.08L
REPORT DHC-01

7060 8L 7060B268

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~704.3~~ NWT, ~~350m L~~ OF HIGHWAY	BOREHOLE No. ~~704307268~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566250 E565200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-268	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
	■	1	SAND (SM) - some silt, trace of gravel, trace of clay, brown	SM
2.0			SAND - silty	
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706.0L
REPORT DHC-011

7060 BL 70608270

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~704.3~~ NWT, ~~350m L~~ OF HIGHWAY	BOREHOLE No. ~~70608270~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566250 E565200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-270	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
	■		SAND - gravelly	
1.0	■	1		
2.0	■		SAND - silty	
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706.0L
REPORT DHC-011

7060 7060B271

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~1565~~ NWT, 350m L OF HIGHWAY	BOREHOLE No. ~~7045B271~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566250 E565200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-271	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
			SAND - gravelly	
1.0				
		1		
2.0				
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0706.0L DHC-011

7060 7060B132

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~704~~ NWT, 50m L OF HIGHWAY	BOREHOLE No. ~~7047B132~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566500 E565650	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 132	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
	■	1	SAND (SC) - some silt, some gravel, trace of clay, brown	SC
1.0				
			- coal seam	
2.0	■	2	SAND (SM) - some silt, trace of clay, trace of gravel, brown	SM
3.0			- coal seam	
4.0	■	3		SM
5.0				
	■	4	SAND (SW-SM) - trace of gravel, trace of silt	SW-SM
6.0			END OF BOREHOLE AT 6.3	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ — 20 40 60 80

● PERCENT SAND ● — 20 40 60 80

▲ PERCENT FINES ▲ — 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.3 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0706.0L DHC-011

706.0 7060B272

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~706.7~~ NWT, 50m L OF HIGHWAY	BOREHOLE No. ~~7047B272~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566500 E565650	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-272	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SAND (SM) – some gravel, trace of silt, trace of clay, brown	
1.0		1		SM
2.0				
			SAND (SC) – trace of silt, trace of clay, trace of gravel, brown	
3.0				
4.0		2		SC
5.0				
6.0				
7.0				
		3		SC
8.0				
9.0			END OF BOREHOLE AT 9.1m	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 07060L
REPORT DHC011

706.0 7060B273

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~294.7~~ NWT, 50m L OF HIGHWAY	BOREHOLE No. 7047B273
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7566500 E565650	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-273	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	USC
0.0		ORGANICS	
		SAND and GRAVEL (SM) - trace of silt, trace of clay, grey	
1.0	1		SM
2.0			
		SAND (SM) - trace of silt, trace of clay, trace of gravel, grey	
3.0			
4.0	2		SM
5.0			
6.0			
7.0	3		SM
8.0			
9.0		END OF BOREHOLE AT 9.1m	
10.0			

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706-01
REPORT DHC-011

706.0 L 7060B139

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~705.9~~ NWT, ~~150m R~~ OF HIGHWAY	BOREHOLE No. ~~7050B139~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7567200 E566700	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 139	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
	■	1	SAND (SC) - silty, some gravel, trace of clay, trace of organics, medium plasticity, brown	SC
1.0				
2.0				
	■	2	SILT (CL) - sandy, some clay, trace of gravel, brown	CL
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706.0L
REPORT DHC011

706 L 7060B147

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~707.5~~ NWT, ~~100m R~~ OF HIGHWAY	BOREHOLE No. ~~7070B147~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7568750 E569100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 147	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
	■	1	SAND and GRAVEL (SC) – some silt, trace of clay, grey	SC
1.0				
			SAND – silty, fine-grained	
2.0				
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 72/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706.0L
REPORT DHC-011

7060 L 70608278

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~282.6 NWT~~, ~~100m R~~ OF HIGHWAY	BOREHOLE No. ~~70760278~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7568750 E569100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – C-278	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
	■	1	GRAVEL and SAND (GW) – trace of silt, non-plastic, brown	GW-GM
2.0			SAND – silty	
4.0	■	2	SILT and SAND (ML) – trace of gravel, low plasticity, grey	ML
5.0	■	3	CLAY and SAND (CL) – silty, trace of gravel, low to medium plasticity, grey	CL
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 (ft): 0.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 72/ /
LOGGED BY	DWG NO.	Page 1 of 1

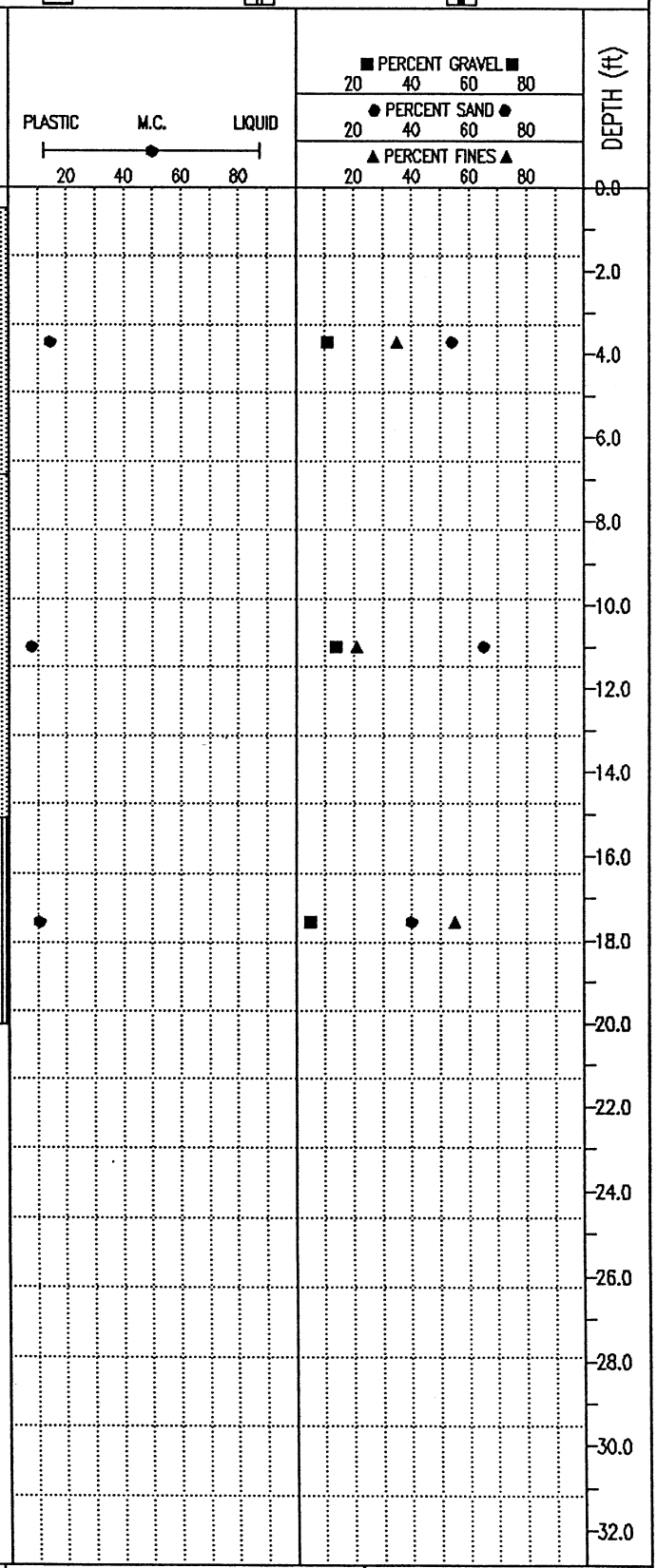
SOURCE 0706.0L
REPORT DHC-011

706.0 L 7060279

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~407.5~~ NWT, ~~100m~~ E OF HWAY	BOREHOLE No. ~~7075B279~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7568750 E569100	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-279	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SAND (SM) - some silt, some clay, some gravel, low plasticity, brown	
1.0		1		SM
2.0			SAND (SP) - some gravel, some silt, trace of clay, brownish grey	
3.0		2		SM
4.0				
			SAND and SILT (ML) - trace of clay, trace of gravel, brownish grey	
5.0		3		ML
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				



EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 72/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706.01
REPORT DHC011

5706.0 7060148

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~408.1~~ NWT, 125m L OF HIGHWAY	BOREHOLE No. ~~7081148~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7569250 E569600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 148	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT – brown	
			SILT – gravelly	
	■	1	SAND – silty, some gravel	SC
1.0				
2.0	■	2		SC
			CLAY – gravelly, silty	
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706.0L
REPORT DHC-011

706.0 7060B149

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~708.5~~ NWT, 125m L OF HIGHWAY	BOREHOLE No. ~~708B149~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7569250 E569600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 149	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS SILT - brown	
	■	1	SAND - silty, trace of gravel	SC
1.0				
			SAND - silty	
2.0				
	■	2	SAND and SHALE - some gravel	SC
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0706.0L DHC-011

706.0 7060 B150

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~768.1~~ NWT, ~~125m L~~ OF HIGHWAY	BOREHOLE No. ~~7060150~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7569250 E569600	Project No: 0201-4860
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 150	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT - brown	
	■	1	SAND - silty, trace of gravel	SC
1.0				
2.0			ICE	
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0706.0L DHC-011

706.0

7060315

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM [redacted] NWT, 125m L OF HIGHWAY	BOREHOLE No. [redacted]
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7569250 E569600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 152	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT - brown	
	■	1	SAND (SC) - silty, some clay, trace of gravel, brown	SC
1.0				
2.0	■	2	SAND (SC-SM) - silty, gravelly, trace of clay, brown	SC-SM
			SAND - silty, trace of pebbles	
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706.0L
REPORT DHC-011

706.0 70603153

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~2861~~ NWT, 125m L OF HIGHWAY	BOREHOLE No. ~~70601B153~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7569250 E569600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 153	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC M.C. LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS				0.0
	■	1	SAND (SC) - gravelly, trace of silt, trace of clay, brown	SC	● ⊢	▲ ■	2.0
1.0							4.0
	■	2		SC	● ⊢	▲ ■ ●	6.0
2.0			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
9.0							30.0
							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 2.4 m		COMPLETE 72/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 07060 DHC-011

706.0 7060B245

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~788~~ NWT, 125m L OF HIGHWAY	BOREHOLE No. ~~706B245~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7569250 E569600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-245	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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 GRAVEL - silty, sandy				0.0
1.0							2.0
							4.0
2.0			ICE				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
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706.0L
REPORT DHC-011

706.0 7060B246

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~708.1~~ NWT, 125m L OF HIGHWAY	BOREHOLE No. ~~706B246~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7569250 E569600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-246	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
	■	1	GRAVEL - silty	
1.0				
2.0			ICE	
3.0				
4.0				
5.0				
6.0				
7.0	■	2	SILT - sandy	
			END OF BOREHOLE AT 7.3m	
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 7.3 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0706.0L DHC-011

~~0706.0~~ 7060B248

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~708.1~~ NWT, 125m L OF HIGHWAY	BOREHOLE No. ~~7081B248~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7569250 E569600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-248	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
			GRAVEL - sandy	
1.0		1		
2.0				
3.0			GRAVEL - silty, sandy	
4.0				
5.0		2		
6.0				
7.0			SAND - silty	
8.0		3		
9.0			END OF BOREHOLE AT 9.1m	
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0706.0L DHC-011

706.0 7060249

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM [redacted] NWT, 125m L OF HIGHWAY	BOREHOLE No. ~~7061249~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7569250 E569600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-249	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ▨ NO RECOVERY ▩ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS				0.0
			SAND - gravelly				
1.0							2.0
							4.0
2.0							6.0
	■	1	SAND and SILT (CL-ML) - trace to some clay trace of gravel, grey	CL-ML	H ●	■ ● ▲	8.0
3.0							10.0
							12.0
4.0							14.0
			ICE				
5.0							16.0
							18.0
6.0			END OF BOREHOLE AT 6.1m				20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m | COMPLETE 71/ /

LOGGED BY | DWG NO. | Page 1 of 1

SOURCE REPORT 0706.01 DHC-011

706.0 7060B250

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~[illegible]~~NWT, 125m L OF HIGHWAY	BOREHOLE No. ~~7061B250~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7569250 E569600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – C-250	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	USC
0.0		ORGANICS	
		SILT – sandy	
		GRAVEL and SAND (GC) – trace of silt, trace of clay, brown	
1.0			
2.0	1		GC
3.0			
4.0		ICE	
	2	SAND (SM) – gravelly, some silt, trace of clay, grey	SM
		CLAY and SAND (CL) – silty, trace of gravel, grey	
5.0			
6.0			
	3		CL
7.0			
8.0			
9.0		END OF BOREHOLE AT 9.1m	
10.0			

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0706.0L DHC-011

706.0 7060B251

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~708.1~~ NWT, 125m L OF HIGHWAY	BOREHOLE No. ~~7081A251~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7569250 E569600	Project No: 0201-48003
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-251	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SAND and GRAVEL (SC) - trace of silt, trace of clay, brown	
1.0		1		SC
2.0				
			SAND and SILT (SM) - trace of clay, trace of gravel, brownish grey	
3.0		2		SM
4.0				
			SAND (SM) - silty, trace of gravel, non-plastic, grey	
5.0		3		SM
6.0				
7.0		4		SM
8.0				
9.0			END OF BOREHOLE AT 9.1m	
10.0				

PLASTIC — M.C. — LIQUID (20 40 60 80)

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706.01
REPORT DHC-04

706.0 7060B252

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~708.1~~ NWT, 125m L OF HIGHWAY	BOREHOLE No. ~~708 B252~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7569250 E569600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-252	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SAND (SC) - gravelly, trace of silt, trace of clay, brown	
1.0		a		SC
2.0				
			SILT	
3.0				
4.0				
5.0				
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0706.0L DHC-011

706.0

7060B254

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~788.1~~ NWT, 125m L OF HIGHWAY	BOREHOLE No. ~~7061B254~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7569250 E569600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – C-254	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SAND (SM) – some gravel, some silt, trace of clay, brown	
1.0		1		SM
2.0				
			SILT and SAND (ML) – trace of clay, grey	
3.0				
4.0		2		ML
5.0				
6.0			ICE	
7.0				
			END OF BOREHOLE AT 7.6m	
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ 20 40 60 80

● PERCENT SAND ● 20 40 60 80

▲ PERCENT FINES ▲ 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 7.6 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0706.0L
REPORT DHC-011

706.0 7060B255

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~408.1~~ NWT, 125m L OF HIGHWAY	BOREHOLE No. ~~7081/0255~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7569250 E569600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-255	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE NO	SOIL DESCRIPTION	USC
0.0		ORGANICS	
	1	GRAVEL and SAND (GP-GM) - trace of silt, brown	GP-GM
3.0		SAND (SM-SC) - silty, trace of gravel, brownish-grey	SM-SC
6.0	2	SAND (SM) - silty, trace of gravel, grey	SM
8.0	3	SAND - gravelly	
9.0		ICE	
9.1		END OF BOREHOLE AT 9.1m	
10.0			

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0706.0L DHC-011

706.0 7060B257

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~706.1~~ NWT, 125m L OF HIGHWAY	BOREHOLE No. ~~706 1B257~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7569250 E569600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-257	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
	■		SAND AND GRAVEL (SM) - silty	
1.0	■	1		SM
	■		SAND AND GRAVEL (SP-SM) - trace of silt	
2.0	■	2		SP-SM
3.0	■		GRAVEL (GP-GM) - trace of silt	
4.0	■	3		GP-GM
5.0	■		SAND - silty	
6.0				
			ICE	
7.0				
8.0				
9.0			END OF BOREHOLE AT 9.1m	
10.0				

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

■ PERCENT GRAVEL ■ (20 40 60 80)

● PERCENT SAND ● (20 40 60 80)

▲ PERCENT FINES ▲ (20 40 60 80)

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0712.4B & DHC011

712.4 → 712.4B154

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~988.2~~ NWT, 400m R OF HIGHWAY	BOREHOLE No. ~~7082B154~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7569600 E570300	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 154	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
	■	1	SAND (SC) - silty, some gravel, trace of clay, brown	SC
1.0				
2.0			END OF BOREHOLE AT 1.8m	
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID — 20 40 60 80

■ PERCENT GRAVEL ■ — 20 40 60 80

● PERCENT SAND ● — 20 40 60 80

▲ PERCENT FINES ▲ — 20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 1.8 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0712.48
REPORT PHC-011

712.4 7124B155

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~708.3~~ NWT, 250m R OF HIGHWAY	BOREHOLE No. ~~7089D155~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7570000 E570450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 155	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT - brown	
			SAND (SC) - silty, some gravel, trace of clay, brown	
1.0	■			
2.0				
	■	2		SC
3.0			ICE	
			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0712.4B
REPORT DHC-011

712.4

7124B156

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM [illegible] NWT, 250m R OF HIGHWAY	BOREHOLE No. ~~70B0B156~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7570000 E570450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 156	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT - brown	
	■	1	SAND (SC) - gravelly, some silt, trace of clay, brown	SC
1.0				
2.0				
	■	2	SAND (SC-SM) - some gravel, some silt, trace of clay, grey	SC-SM
3.0				
4.0	■	3	SAND (SC) - gravelly, trace of silt, trace of clay, grey	SC
5.0				
			END OF BOREHOLE AT 5.6m	
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 5.6 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

source 0712.4B
REPORT DHC-011

712.4 71248233

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~7[illegible]~~ NWT, 250m R OF HIGHWAY	BOREHOLE No. ~~2089/B233~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7570000 E570450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-233	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
	■	1	GRAVEL - silty, sandy	
1.0				
			END OF BOREHOLE AT 1.5m	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 1.5 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0712.4B
REPORT DHC-011

7124 7124B234

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~768.9~~ NWT, 250m R OF HIGHWAY	BOREHOLE No. ~~7089B234~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7570000 E570450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-234	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SAND and SILT (SC) - some gravel, brown	
1.0				
2.0		1		SC
3.0		2	SAND and GRAVEL (SW-SM) - trace of silt, trace of clay, brown	SW-SM
4.0			CLAY and SAND (CL) - silty, trace of gravel, grey	
5.0		3		CL
6.0			END OF BOREHOLE AT 6.1m	
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0712.4B
REPORT DHC-011

712.4

712 4B 235

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~988.9~~ NWT, 250m R OF HIGHWAY	BOREHOLE No. ~~712 4B 235~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7570000 E570450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-235	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
	■	1	SAND - gravelly	
1.0				
2.0			ICE	
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0712.4B DHC-011

712.4 7124B236

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~798.3~~ NWT, 250m R OF HIGHWAY	BOREHOLE No. ~~7080B236~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7570000 E570450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-236	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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				0.0
	■		GRAVEL - sandy				2.0
1.0	■	1			●		4.0
	■						6.0
2.0			END OF BOREHOLE AT 1.5m				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
9.0							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 1.5 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0712.48
REPORT DHC-011

7124 7124B239

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~865~~ NWT, 250m R OF HIGHWAY	BOREHOLE No. ~~7089239~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7570000 E570450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – C-239	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL – silty, sandy	
1.0				
			END OF BOREHOLE AT 1.5m	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 1.5 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0712.4B DHC-04

712.4 7124B243

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~708.8~~ NWT, 250m R OF HIGHWAY	BOREHOLE No. ~~7080243~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7570000 E570450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-243	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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				0.0
			GRAVEL - silty, sandy				
1.0							2.0
		1			●		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
9.0							30.0
							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0712.4B DHC-011

712.4 7124B164

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~710.3~~ NWT, 550m R OF HIGHWAY	BOREHOLE No. ~~7103B164~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7570700 E571750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 164	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT – brown	
	■	1	SAND (SM–SC) – gravelly, some silt, trace of clay, brown	SM–SC
1.0				
2.0			– silty	
	■	2	– (SM), some silt, trace of gravel	SM
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0712.4B
REPORT DHC-011

712.4 7124B165

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~710.5~~ NWT, 550m R OF HIGHWAY	BOREHOLE No. ~~7103B165~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7570700 E571750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 165	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT – brown	
	■	1	SAND (SC) – gravelly, some silt, trace of clay, brown	SC
1.0			SAND – silty, brown	
2.0	■	2	SAND (SM–SC) – some silt, some gravel, trace of clay, brownish grey	SM–SC
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID — 20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0712.4B
REPORT DHC-011
712.4
7124B222

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~740.5~~ NWT, 550m R OF HIGHWAY	BOREHOLE No. ~~7103B222~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7570700 E571750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-222	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC	
			SAND - gravelly	
1.0		1		
2.0			SAND - silty	
3.0				
4.0		2		
5.0				
6.0			SAND - silty, fine	
7.0				
		3		
8.0				
9.0			END OF BOREHOLE AT 9.1m	
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0712-4B
REPORT DHC-011

712.4 7124B223

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~710.3~~ NWT, 550m R OF HIGHWAY	BOREHOLE No. ~~7103B223~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7570700 E571750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-223	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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				0.0
	■		SAND - gravelly				
1.0		1			●		4.0
							6.0
2.0			SAND - silty				8.0
3.0							10.0
							12.0
4.0		2			●		14.0
							16.0
5.0							18.0
6.0			END OF BOREHOLE AT 6.1m				20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m | COMPLETE 71/ /

LOGGED BY | DWG NO. | Page 1 of 1

SOURCE 0712-4B
REPORT DHC-011

712.4 7124B225

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~710.9~~ NWT, 550m R OF HIGHWAY	BOREHOLE No. ~~7103B225~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7570700 E571750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – C-225	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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				0.0
			SAND – gravelly				
1.0		1			●		4.0
2.0			SAND – silty				6.0
							8.0
3.0							10.0
							12.0
4.0		2			●		14.0
5.0							16.0
							18.0
6.0			SAND – silty, fine				20.0
							22.0
7.0							24.0
		3			●		
8.0							26.0
							28.0
9.0			END OF BOREHOLE AT 9.1m				30.0
10.0							32.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m	COMPLETE 71/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0712.4B DH C-04

712.4

712B230

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~710.5~~ NWT, 550m R OF HIGHWAY	BOREHOLE No. ~~712B230~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7570700 E571750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-230	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL 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 - gravelly				0.0
1.0							2.0
2.0		1			●		4.0
3.0							6.0
4.0							8.0
5.0			ICE				10.0
6.0			END OF BOREHOLE AT 6.1m				12.0
7.0							14.0
8.0							16.0
9.0							18.0
10.0							20.0
							22.0
							24.0
							26.0
							28.0
							30.0
							32.0

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 6.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0712.4B
REPORT DHC-011

712.4

7124T453

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~411.0~~ NWT	BOREHOLE No. ~~7110T453~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7570300 E571000	Project No: 0201-4800
DEPT. OF INDIAN AFFAIRS & NRTHN. DEVLPMT	ORIGINAL TEST PIT NUMBER - 453-A	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			STRATIFIED	
	■	1	SAND (SW) - some gravel, clean and	SW
			SAND (SW) - trace gravel, trace silt, uniform	
1.0	■	2		SW
			END OF TEST PIT AT 1.2m	
			NOTE: Soil profile from pit exposure	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

■ PERCENT GRAVEL ■
20 40 60 80

● PERCENT SAND ●
20 40 60 80

▲ PERCENT FINES ▲
20 40 60 80

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 1.2 m	COMPLETE 73/ /	
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0712.4B
REPORT DHC-011
712.4
7124B168

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~711.3~~ NWT, 1100m R OF HIGHWAY	BOREHOLE No. ~~711B168~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7571500 E572450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 168	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT - gravelly, brown	
1.0	■	1	SAND (SC) - some gravel, some silt, trace of clay, brown	SC
2.0			SAND (SC-SM) - silty, some clay, trace of gravel, brownish grey	
3.0	■	2	END OF BOREHOLE AT 3.0m	SC-SM
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

PLASTIC M.C. LIQUID
20 40 60 80

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 0712.4B DHC-011

712.4 7124B215

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~711.3~~ NWT, 1100m R OF HIGHWAY	BOREHOLE No. ~~7113B215~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7571500 E572450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - C-215	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SAND (SC) - gravelly, traces of silt and clay, brown	
1.0		1		SC
			SAND (SM) - some silt, some gravel, brown	
2.0		2		SM
3.0			SILT (ML) - sandy, trace of gravel, brown	
4.0		3		ML
5.0				
6.0				
7.0				
8.0				
9.0			END OF BOREHOLE AT 9.1m	
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 9.1 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE REPORT 712.4B DHC-011

712.4 7124B170

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~1125~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~7125B170~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7572950 E571950	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 170	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT – sandy, brown	
1.0	■	1	SAND (SM) – gravelly, traces of silt and clay, brown	SM
3.0			END OF BOREHOLE 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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0712.4B
REPORT DHC-011

712.4 7124B172

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~712.6~~ NWT, BOTH SIDES OF HWAY	BOREHOLE No. ~~712B172~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7572950 E571950	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 172	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS	
			SILT - sandy, brown	
	■		SAND (SC) - silty, some gravel, some clay, brown	SC
1.0				
			SAND - silty	
2.0				
3.0			END OF BOREHOLE AT 3.0m	
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0				

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

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

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

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0715.4L
REPORT DHC-011

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 715.4 NWT, 1000m R OF HIGHWAY	BOREHOLE No. 7154B040
GRANULAR RESOURCE INVENTORY	UTM ZONE: 8 N7576750 E572700	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 40	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC / M.C. / LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS				0.0
	■	1	GRAVEL (GW–GM) – sandy, trace of silt, brown	GW-GM	●	▲ ● ■	2.0
1.0							4.0
			END OF BOREHOLE AT 1.4m				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
9.0							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 1.4 m		COMPLETE 71/ /
LOGGED BY	DWG NO.	Page 1 of 1