VOLUME I OF II

DEMPSTER HIGHWAY GRANULAR SOURCE BOREHOLE LOG DATABASE

Test Hole Logs for Sources
km 1.1 to km 190.3

Submitted to:
Indian and
Northern Affairs Canada

0201-4800
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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

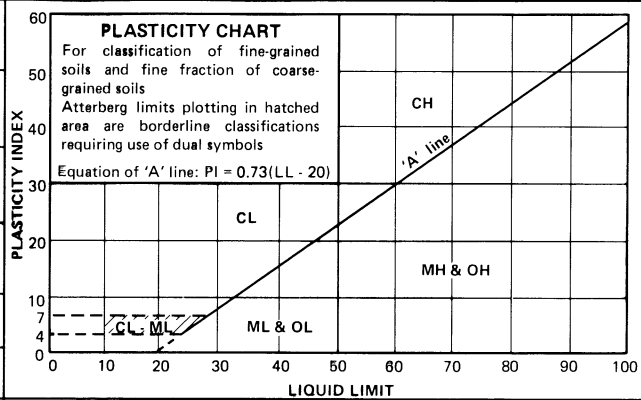
Examples

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 GW, GP, SW, SP GM, GC, SM, SC Borderline classification requiring use of dual symbols Less than 5% pass No. 200 sieve More than 12% pass No. 200 sieve 5% to 12% pass No. 200 sieve	$C_u = D_{60}/D_{10}$ 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
0011B001	0011B001	ORIGINAL BOREHOLE NUMBER - 1
0011B002	0011B002	ORIGINAL BOREHOLE NUMBER - 2
0011B003	0011B003	ORIGINAL BOREHOLE NUMBER - 3
0011B004	0011B004	ORIGINAL BOREHOLE NUMBER - 4
0011B005	0011B005	ORIGINAL BOREHOLE NUMBER - 5
0011B006	0011B006	ORIGINAL BOREHOLE NUMBER - 6
0011B007	0011B007	CRIGINAL BOREHOLE NUMBER - 7
0011B008	0011B008	ORIGINAL BOREHOLE NUMBER - 8
0011B009	0011B009	ORIGINAL BOREHOLE NUMBER - 9
0011T001	0011T001	ORIGINAL TEST PIT NUMBER - 1
0011T002	0011T002	ORIGINAL TEST PIT NUMBER - 2
0011T003	0011T003	ORIGINAL TEST PIT NUMBER - 3
0011T004	0011T004	ORIGINAL TEST PIT NUMBER - 4
0011T005	0011T005	ORIGINAL TEST PIT NUMBER - 5
0011T006	0011T006	ORIGINAL TEST PIT NUMBER - 6
0011T007	0011T007	ORIGINAL TEST PIT NUMBER - 7
0011T008	0011T008	ORIGINAL TEST PIT NUMBER - 8
0011T009	0011T009	ORIGINAL TEST PIT NUMBER - 9
0013T001	0013T001	ORIGINAL TEST PIT NUMBER - 1
0013T002	0013T002	ORIGINAL TEST PIT NUMBER - 2
0013T003	0013T003	ORIGINAL TEST PIT NUMBER - 3
0013T004	0013T004	ORIGINAL TEST PIT NUMBER - 4
0013T005	0013T005	ORIGINAL TEST PIT NUMBER - 5
0013T006	0013T006	ORIGINAL TEST PIT NUMBER - 6
0013T007	0013T007	ORIGINAL TEST PIT NUMBER - 7
0013T008	0013T008	ORIGINAL TEST PIT NUMBER - 8
0013T009	0013T009	ORIGINAL TEST PIT NUMBER - 9
0013T010	0013T010	ORIGINAL TEST PIT NUMBER - 10
0013T011	0013T011	ORIGINAL TEST PIT NUMBER - 11
0013T01A	0013T01A	ORIGINAL TEST PIT NUMBER - 1
0033T001	0033T001	ORIGINAL TEST PIT NUMBER - 1
0033T012	0033T012	ORIGINAL TEST PIT NUMBER - 12
0033T013	0033T013	ORIGINAL TEST PIT NUMBER - 13
0033T014	0033T014	ORIGINAL TEST PIT NUMBER - 14
0051T015	0051T015	ORIGINAL TEST PIT NUMBER - 15
0051T016	0051T016	ORIGINAL TEST PIT NUMBER - 16
0066T001	0066T001	ORIGINAL TEST PIT NUMBER - 1
0066T002	0066T002	ORIGINAL TEST PIT NUMBER - 2
0066T017	0066T017	ORIGINAL TEST PIT NUMBER - 17
0066T018	0066T018	ORIGINAL TEST PIT NUMBER - 18
0066T019	0066T019	ORIGINAL TEST PIT NUMBER - 19
0067T001	0069T001	ORIGINAL TEST PIT NUMBER - 1
0067T002	0069T002	ORIGINAL TEST PIT NUMBER - 2
0067T020	0069T020	ORIGINAL TEST PIT NUMBER - 20
0067T021	0069T021	ORIGINAL TEST PIT NUMBER - 21
0072T022	0072T022	ORIGINAL TEST PIT NUMBER - 22
0072T023	0072T023	ORIGINAL TEST PIT NUMBER - 23
0078T024	0078T024	ORIGINAL TEST PIT NUMBER - 24
0092T001	0092T001	ORIGINAL TESTPIT NUMBER - 1
0094B119	n/a	ORIGINAL BOREHOLE NUMBER 78-119
0109T001	0109T001	ORIGINAL TEST PIT NUMBER - 1
0114T025	0114T025	ORIGINAL TEST PIT NUMBER - 25
0125T026	0125T026	ORIGINAL TEST PIT NUMBER - 26
0125T027	0125T027	ORIGINAL TEST PIT NUMBER - 27
0125T028	0125T028	ORIGINAL TEST PIT NUMBER - 28
0125T029	0125T029	ORIGINAL TEST PIT NUMBER - 29
0177T030	0177T030	ORIGINAL TEST PIT NUMBER - 30
0177T031	0177T031	ORIGINAL TEST PIT NUMBER - 31
0194T001	0192T001	ORIGINAL TEST PIT NUMBER - 1
0217T001	0217T001	ORIGINAL TEST PIT NUMBER - 1
0217T002	0217T002	ORIGINAL TEST PIT NUMBER - 2
0224T001	0224T001	ORIGINAL TEST PIT NUMBER - 1
0224T002	0224T002	ORIGINAL TEST PIT NUMBER - 2
0254B120	n/a	ORIGINAL BOREHOLE NUMBER 78-120
0256B121	n/a	ORIGINAL BOREHOLE NUMBER 78-121
0267T032	0268T032	ORIGINAL TEST PIT NUMBER - 32
0267T033	0268T033	ORIGINAL TEST PIT NUMBER - 33
0267T034	0268T034	ORIGINAL TEST PIT NUMBER - 34



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

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
0267T035	0268T035	ORIGINAL TEST PIT NUMBER - 35
0284T036	0286T036	ORIGINAL TEST PIT NUMBER - 36
0284T037	0286T037	ORIGINAL TEST PIT NUMBER - 37
0284T038	0286T038	ORIGINAL TEST PIT NUMBER - 38
0284T039	0286T039	ORIGINAL TEAT PIT NUMBER - 39
0284T040	0286T040	ORIGINAL TEST PIT NUMBER - 40
0284T041	0286T041	ORIGINAL TEST PIT NUMBER - 41
0284T042	0286T042	ORIGINAL TEST PIT NUMBER - 42
0284T043	0286T043	ORIGINAL TEST PIT NUMBER - 43
0332T001	0336T001	ORIGINAL TEST PIT NUMBER - 1
0332T002	0336T002	ORIGINAL TEST PIT NUMBER - 2
0356T001	0356T001	ORIGINAL TEST PIT NUMBER - 1
0399T044	0399T044	ORIGINAL TEST PIT NUMBER - 44
0399T045	0399T045	ORIGINAL TEST PIT NUMBER - 45
0405B024	n/a	ORIGINAL BOREHOLE NUMBER 78-24
0405T001	0406T001	ORIGINAL TEST PIT NUMBER - 1
0405T046	0406T046	ORIGINAL TEST PIT NUMBER - 46
0440T047	0437T047	ORIGINAL TEST PIT NUMBER - 47
0440T051	0437T051	ORIGINAL TEST PIT NUMBER - 51
0440T052	0437T052	ORIGINAL TEST PIT NUMBER - 52
0470B025	n/a	ORIGINAL BOREHOLE NUMBER 78-25
0472T001	0470T001	ORIGINAL TEST PIT NUMBER - 1
0472T048	0469T048	ORIGINAL TEST PIT NUMBER - 48
0472T049	0469T049	ORIGINAL TEST PIT NUMBER - 49
0472T050	0469T050	ORIGINAL TEST PIT NUMBER - 50
0480B026	n/a	ORIGINAL BOREHOLE NUMBER 78-26
0499T001	0499T001	ORIGINAL TEST PIT NUMBER - 1
0499T053	0499T053	ORIGINAL TEST PIT NUMBER - 53
0499T054	0499T054	ORIGINAL TEST PIT NUMBER - 54
0499T055	0499T055	ORIGINAL TEST PIT NUMBER - 55
0499T056	0499T056	ORIGINAL TEST PIT NUMBER - 56
0499T057	0499T057	ORIGINAL TEST PIT NUMBER - 57
0499T059	0499T059	ORIGINAL TEST PIT NUMBER - 59
0499T060	0499T060	ORIGINAL TEST PIT NUMBER - 60
0531T058	0531T058	ORIGINAL TEST PIT NUMBER - 58
0535B123	n/a	ORIGINAL BOREHOLE NUMBER 78-123
0555T001	0563T001	ORIGINAL TEST PIT NUMBER - 1
0555T061	0563T061	ORIGINAL TEST PIT NUMBER - 61
0555T062	0563T062	ORIGINAL TEST PIT NUMBER - 62
0555T063	0563T063	ORIGINAL TEST PIT NUMBER - 63
0555T064	0563T064	ORIGINAL TEST PIT NUMBER - 64
0555T065	0563T065	ORIGINAL TEST PIT NUMBER - 65
0580B074	0586B074	ORIGINAL BOREHOLE NUMBER -1-74
0580T001	0580T001	ORIGINAL TEST PIT NUMBER - TP-1
0580T002	0580T002	ORIGINAL TEST PIT NUMBER - TP-2
0580T01A	0586T001	ORIGINAL TEST PIT NUMBER - TP-1
0580T02A	0586T002	ORIGINAL TEST PIT NUMBER - TP-2
0580T066	0577T066	ORIGINAL TEST PIT NUMBER - 66
0580T067	0577T067	ORIGINAL TEST PIT NUMBER - 67
0580T068	0577T068	ORIGINAL TEST PIT NUMBER - 68
0580T069	0577T069	ORIGINAL TEST PIT NUMBER - 69
0580T070	0586T070	ORIGINAL TEST PIT NUMBER - 70
0580T071	0586T071	ORIGINAL TEST PIT NUMBER - 71
0580T072	0586T072	ORIGINAL TEST PIT NUMBER - 72
0580T073	0586T073	ORIGINAL TEST PIT NUMBER - 73
0580T074	0602T074	ORIGINAL TEST PIT NUMBER - 74
0624T075	0629T075	ORIGINAL TEST PIT NUMBER - 75
0624T076	0629T076	ORIGINAL TEST PIT NUMBER - 76
0639B124	n/a	ORIGINAL BOREHOLE NUMBER 78-124
0665T077	0671T077	ORIGINAL TEST PIT NUMBER - 77
0665T078	0671T078	ORIGINAL TEST PIT NUMBER - 78
0665T079	0671T079	ORIGINAL TEST PIT NUMBER - 79
0666B006	0680B006	ORIGINAL BOREHOLE NUMBER - 77-6
0666B007	0680B007	ORIGINAL BOREHOLE NUMBER - 77-7
0666B008	0680B008	ORIGINAL BOREHOLE NUMBER - 77-8
0666B013	0680B013	ORIGINAL BOREHOLE NUMBER - 77-13
0666B025	0680B025	ORIGINAL BOREHOLE NUMBER - 77-25
0666B030	0680B030	ORIGINAL BOREHOLE NUMBER - 77-30



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

1990 BOREHOLE NUMBER "NEW"	1988 BOREHOLE NUMBER "OLD"	ORIGINAL BH/TP NUMBER
0666B031	0680B031	ORIGINAL BOREHOLE NUMBER - 77-31
0666B032	0680B032	ORIGINAL BOREHOLE NUMBER - 77-32
0666B033	0680B033	ORIGINAL BOREHOLE NUMBER - 77-33
0666B691	0680B691	ORIGINAL BOREHOLE NUMBER - 69-2-1
0666B692	0680B692	ORIGINAL BOREHOLE NUMBER - 69-2-2
0666B693	0680B693	ORIGINAL BOREHOLE NUMBER - 69-2-3
0666B741	0680B741	ORIGINAL BOREHOLE NUMBER - 74-1
0674B027	n/a	ORIGINAL BOREHOLE NUMBER 78-27
0714T080	0707T080	ORIGINAL TEST PIT NUMBER - 80
0714T081	0707T081	ORIGINAL TEST PIT NUMBER - 81
0714T082	0707T082	ORIGINAL TEST PIT NUMBER - 82
0718B028	n/a	ORIGINAL BOREHOLE NUMBER 78-28
0773T084	0778T084	ORIGINAL TEST PIT NUMBER - 84
0782B029	n/a	ORIGINAL BOREHOLE NUMBER 78-29
0792T083	0789T083	ORIGINAL TEST PIT NUMBER - 83
0810T086	0810T086	ORIGINAL TEST PIT NUMBER - 86
0810T087	0810T087	ORIGINAL TEST PIT NUMBER - 87
0810T088	0810T088	ORIGINAL TEST PIT NUMBER - 88
0840B001	0853B001	ORIGINAL BOREHOLE NUMBER - 1
0840B002	0853B002	ORIGINAL BOREHOLE NUMBER - 2
0840T085	0823T085	ORIGINAL TEST PIT NUMBER - 85
0840T089	0832T089	ORIGINAL TEST PIT NUMBER - 89
0840T090	0832T090	ORIGINAL TEST PIT NUMBER - 90
0840T091	0832T091	ORIGINAL TEST PIT NUMBER - 91
0840T092	0845T092	ORIGINAL TEST PIT NUMBER - 92
0840T093	0853T093	ORIGINAL TEST PIT NUMBER - 93
0840T094	0858T094	ORIGINAL TEST PIT NUMBER - 94
0843B032	n/a	ORIGINAL BOREHOLE NUMBER 78-32
0846B031	n/a	ORIGINAL BOREHOLE NUMBER 78-31
0860B001	0870B001	ORIGINAL BOREHOLE NUMBER - 77-1
0860B002	0870B002	ORIGINAL BOREHOLE NUMBER - 77-2
0860B003	0870B003	ORIGINAL BOREHOLE NUMBER - 77-3
0860B004	0870B004	ORIGINAL BOREHOLE NUMBER - 77-4
0860B005	0870B005	ORIGINAL BOREHOLE NUMBER - 77-5
0860B006	0870B006	ORIGINAL BOREHOLE NUMBER - 77-6
0860B007	0870B007	ORIGINAL BOREHOLE NUMBER - 77-7
0860B008	0870B008	ORIGINAL BOREHOLE NUMBER - 77-8
0860B009	0870B009	ORIGINAL BOREHOLE NUMBER - 77-9
0860B010	0870B010	ORIGINAL BOREHOLE NUMBER - 77-10
0860B012	0870B012	ORIGINAL BOREHOLE NUMBER - 77-12
0860B542	0870B542	ORIGINAL BOREHOLE NUMBER - 542
0860B543	0870B543	ORIGINAL BOREHOLE NUMBER - 543
0860B544	0870B544	ORIGINAL BOREHOLE NUMBER - 544
0860B691	0870B691	ORIGINAL BOREHOLE NUMBER - 69-3-1
0860B692	0870B692	ORIGINAL BOREHOLE NUMBER - 69-3-2
0860B693	0870B693	ORIGINAL BOREHOLE NUMBER - 69-3-3
0860B694	0870B694	ORIGINAL BOREHOLE NUMBER - 69-3-4
0860B695	0870B695	ORIGINAL BOREHOLE NUMBER - 69-3-5
0860B696	0870B696	ORIGINAL BOREHOLE NUMBER - 69-3-6
0860B697	0870B697	ORIGINAL BOREHOLE NUMBER - 69-3-7
0860B698	0870B698	ORIGINAL BOREHOLE NUMBER - 69-3-8
0860B741	0870B741	ORIGINAL BOREHOLE NUMBER - 74-1
0862B033	n/a	ORIGINAL BOREHOLE NUMBER 78-33
0895T102	0904T102	ORIGINAL TEST PIT NUMBER - 102
0902T098	0898T098	ORIGINAL TEST PIT NUMBER - 98
0902T099	0898T099	ORIGINAL TEST PIT NUMBER - 99
0902T100	0898T100	ORIGINAL TEST PIT NUMBER - 100
0902T101	0898T101	ORIGINAL TEST PIT NUMBER - 101
0907B001	0911B001	ORIGINAL BOREHOLE NUMBER - 1
0907B002	0911B002	ORIGINAL BOREHOLE NUMBER - 2
0907B003	0911B003	ORIGINAL BOREHOLE NUMBER - 3
0907B004	0911B004	ORIGINAL BOREHOLE NUMBER - 4
0907B005	0911B005	ORIGINAL BOREHOLE NUMBER - 5
0907T103	0907T103	ORIGINAL TEST PIT NUMBER - 103
0907T104	0926T104	ORIGINAL TEST PIT NUMBER - 104
0907T105	0926T105	ORIGINAL TEST PIT NUMBER - 105
0907T106	0907T106	ORIGINAL TEST PIT NUMBER - 106
0922B125	n/a	ORIGINAL BOREHOLE NUMBER 78-125



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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
0993B034	n/a	ORIGINAL BOREHOLE NUMBER 78-34
1056B001	1072B001	ORIGINAL BOREHOLE NUMBER - TH-1
1056B002	1072B002	ORIGINAL BOREHOLE NUMBER TH-2
1056B003	1072B003	ORIGINAL BOREHOLE NUMBER TH-3
1056B004	1072B004	ORIGINAL BOREHOLE NUMBER - TH-4
1056B005	1072B005	ORIGINAL BOREHOLE NUMBER - TH-5
1056B006	1072B006	ORIGINAL BOREHOLE NUMBER - TH-6
1056T001	1075T001	ORIGINSL BOREHOLE NUMBER - TH-1
1056T108	1072T108	ORIGINAL TEST PIT NUMBER - 108
1056T110	1075T110	ORIGINAL TEST PIT NUMBER - 110
1056T111	1075T111	ORIGINAL TEST PIT NUMBER - 111
1067B126	n/a	ORIGINAL BOREHOLE NUMBER 78-126
1127T113	1133T113	ORIGINAL TEST PIT NUMBER - 113
1147B001	1168B001	ORIGINAL BOREHOLE NUMBER - 1
1147B002	1168B002	ORIGINAL BOREHOLE NUMBER - 2
1147B003	1168B003	ORIGINAL BOREHOLE NUMBER - 3
1147B004	1201B004	ORIGINAL BOREHOLE NUMBER - 77-4
1147B017	1201B017	ORIGINAL BOREHOLE NUMBER - 77-17
1147B018	1201B018	ORIGINAL BOREHOLE NUMBER - 77-18
1147B01A	1168B01A	ORIGINAL BOREHOLE NUMBER - 1
1147B01B	1201B001	ORIGINAL BOREHOLE NUMBER - 77-1
1147B021	1201B021	ORIGINAL BOREHOLE NUMBER - 77-21
1147B02A	1201B002	ORIGINAL BOREHOLE NUMBER - 77-2
1147B03A	1201B003	ORIGINAL BOREHOLE NUMBER - 77-3
1147B105	1201B105	ORIGINAL BOREHOLE NUMBER - 105
1147B106	1201B106	ORIGINAL BOREHOLE NUMBER - 106
1147B109	1201B109	ORIGINAL BOREHOLE NUMBER - 109
1147B112	1201B112	ORIGINAL BOREHOLE NUMBER - 112
1147B113	1201B113	ORIGINAL BOREHOLE NUMBER - 113
1147B117	1201B117	ORIGINAL BOREHOLE NUMBER - 117
1147B129	n/a	ORIGINAL BOREHOLE NUMBER 78-129
1147B169	1201B169	ORIGINAL BOREHOLE NUMBER - 169
1147B691	1201B691	ORIGINAL BOREHOLE NUMBER - 69-4-1
1147B692	1201B692	ORIGINAL BOREHOLE NUMBER - 69-4-2
1147B693	1201B693	ORIGINAL BOREHOLE NUMBER - 69-4-3
1147B694	1201B694	ORIGINAL BOREHOLE NUMBER - 69-4-4
1147B695	1201B695	ORIGINAL BOREHOLE NUMBER - 69-4-5
1147B696	1201B969	ORIGINAL BOREHOLE NUMBER - 69-4-6
1147B741	1201B741	ORIGINAL BOREHOLE NUMBER - 74-1
1147B751	1201B751	ORIGINAL BOREHOLE NUMBER - 75-1
1147B752	1201B752	ORIGINAL BOREHOLE NUMBER - 75-2
1147B753	1201B753	ORIGINAL BOREHOLE NUMBER - 75-3
1147B754	1201B754	ORIGINAL BOREHOLE NUMBER - 75-4
1147B755	1201B755	ORIGINAL BOREHOLE NUMBER - 75-5
1147B756	1201B756	ORIGINAL BOREHOLE NUMBER - 75-6
1147T114	1168T114	ORIGINAL TEST PIT NUMBER - 114
1147T115	1168T115	ORIGINAL TEST PIT NUMBER - 115
1170B001	1186B001	ORIGINAL BOREHOLE NUMBER - 1
1170B002	1186B002	ORIGINAL BOREHOLE NUMBER - 2
1170B003	1186B003	ORIGINAL BOREHOLE NUMBER - 3
1170T116	1186T116	ORIGINAL TEST PIT NUMBER - 116
1170T117	1186T117	ORIGINAL TEST PIT NUMBER - 117
1170T118	1186T118	ORIGINAL TEST PIT NUMBER - 118
1217B130	n/a	ORIGINAL BOREHOLE NUMBER 78-130
1228B001	1247B001	ORIGINAL BOREHOLE NUMBER - 1
1228B002	1247B002	ORIGINAL BOREHOLE NUMBER - 2
1228B003	1247B003	ORIGINAL BOREHOLE NUMBER - 3
1228B01A	1247B01A	ORIGINAL BOREHOLE NUMBER - 1
1228B01B	1247B01B	ORIGINAL BOREHOLE NUMBER - 1
1228B02A	1247B02A	ORIGINAL BOREHOLE NUMBER - 2
1228B02B	1247B02B	ORIGINAL BOREHOLE NUMBER - BH-2
1228B03A	1247B03A	ORIGINAL BOREHOLE NUMBER - 3
1228T001	1247T001	ORIGINAL TEST PIT NUMBER - TP-1
1228T01A	1247T01A	ORIGINAL TEST PIT NUMBER - TP-1
1228T119	1247T119	ORIGINAL TEST PIT NUMBER - 119
1228T120	1247T120	ORIGINAL TEST PIT NUMBER - 120
1228T121	1247T121	ORIGINAL TEST PIT NUMBER - 121
1228T122	1247T122	ORIGINAL TEST PIT NUMBER - 122



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



List of Test Holes - Volume I of II

Sources km 1.1 to km 190.3

0011B001	0011B002	0011B003	0011B004	0011B005	0011B006	0011B007	0011B008
0011B009	0011T001	0011T002	0011T003	0011T004	0011T005	0011T006	0011T007
0011T008	0011T009	0013T001	0013T002	0013T003	0013T004	0013T005	0013T006
0013T007	0013T008	0013T009	0013T010	0013T011	0013T01A	0033T001	0033T012
0033T013	0033T014	0051T015	0051T016	0066T001	0066T002	0066T017	0066T018
0066T019	0069T001	0069T002	0069T020	0069T021	0072T022	0072T023	0078T024
0092T001	0109T001	0114T025	0125T026	0125T027	0125T028	0125T029	0177T030
0177T031	0192T001	0217T001	0217T002	0224T001	0224T002	0268T032	0268T033
0268T034	0268T035	0286T036	0286T037	0286T038	0286T039	0286T040	0286T041
0286T042	0286T043	0336T001	0336T002	0356T001	0399T044	0399T045	0406T001
0406T046	0437T047	0437T051	0437T052	0469T048	0469T049	0469T050	0470T001
0499T001	0499T053	0499T054	0499T055	0499T056	0499T057	0499T059	0499T060
0531T058	0563T001	0563T061	0563T062	0563T063	0563T064	0563T065	0577T066
0577T067	0577T068	0577T069	0580T001	0580T002	0586T001	0586T002	0586T070
0586T071	0586T072	0590B074	0590T073	0602T074	0629T075	0629T076	0671T077
0671T078	0671T079	0680B006	0680B007	0680B008	0680B013	0680B025	0680B030
0680B031	0680B032	0680B033	0680B691	0680B692	0680B693	0680B741	0707T080
0707T081	0707T082	0778T084	0789T083	0810T086	0810T087	0810T088	0823T085
0832T089	0832T090	0832T091	0845T092	0853B001	0853B002	0853T093	0858T094
0870B001	0870B002	0870B003	0870B004	0870B005	0870B006	0870B007	0870B008
0870B009	0870B010	0870B012	0870B542	0870B543	0870B544	0870B691	0870B692
0870B693	0870B694	0870B695	0870B696	0870B697	0870B698	0870B741	0898T098
0898T099	0898T100	0898T101	0904T102	0907T103	0911B001	0911B002	0911B003
0911B004	0911B005	0926T104	0926T105	0926T106	1072B001	1072B002	1072B003
1072B004	1072B005	1072B006	1072T108	1075T001	1075T110	1075T111	1133T113
1168B001	1168B002	1168B003	1168B01A	1168T114	1168T115	1186B001	1186B002
1186B003	1186T116	1186T117	1186T118	1201B001	1201B002	1201B003	1201B004
1201B017	1201B018	1201B021	1201B105	1201B106	1201B109	1201B112	1201B113
1201B117	1201B169	1201B691	1201B692	1201B693	1201B694	1201B695	1201B696
1201B741	1201B751	1201B752	1201B753	1201B754	1201B755	1201B756	1247B001
1247B002	1247B003	1247B01A	1247B01B	1247B02A	1247B02B	1247B03A	1247T001
1247T01A	1247T119	1247T120	1247T121	1247T122	1247T123	1273T125	1273T126
1273T127	1329T127	1329T128	1329T129	1329T130	1329T133	1329T134	1333T132
1333T135	1374T136	1545T138	1545T139	1545T140	1545T141	1609T142	1609T143
1609T144	1609T145	1609T146	1609T147	1609T148	1703B001	1703B002	1703B003
1703B004	1704B001	1704B002	1704B003	1704B004	1903T171	1903T172	

SOURCE 0001.1L

REPORT # DHC-06

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 0011B001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098650 E610950	Project No: 0201-4800
GOVERNMENT OF THE YUKON	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			SURFACE COVER - organic mat				0.0
			SILT (ML) - gravelly, sandy, damp, light brown				
			GRAVEL (GW) - sandy trace of silt, sub-rounded, well-graded, medium brown				
1.0			- contains some cobble				2.0
							4.0
2.0			- boulder layer				6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
			END OF BOREHOLE AT 5.7m				
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
10.0							

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COMPLETION DEPTH 5.7 m		COMPLETE 83/05/09
LOGGED BY TH	DWG NO.	Page 1 of 1

Source 0001.1 L
Report # DTC-06

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 0011B002
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098650 E610950	Project No: 0201-4800
GOVERNMENT OF THE YUKON	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			SURFACE COVER - organic mat	
			SILT (ML) - sandy, some gravel, reddish brown	
1.0			GRAVEL (GW) - sandy, trace of silt, subrounded particles, well-graded, medium brown	
			- contains some cobbles	
2.0				
3.0			END OF BOREHOLE AT 3.0m Refusal - boulders	
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

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COMPLETION DEPTH 3.0 m | COMPLETE 83/05/09
LOGGED BY TH | DWG NO. | Page 1 of 1

Source 0001.1 L

Report # DHC-06

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 0011B003
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098650 E610950	Project No: 0201-4800
GOVERNMENT OF THE YUKON	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			SURFACE COVER - organic mat	
			SILT (ML) - sandy, some fine gravel, med. reddish brown	
1.0			GRAVEL (GW) - sandy, trace of silt, subrounded particles, well-graded, medium brown	
2.0			END OF BOREHOLE AT 2.3m Refusal - boulders	
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

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COMPLETION DEPTH 2.3 m | COMPLETE 83/05/09

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

SOURCE GOOD L
REPORT # DHC-06

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 0011B004
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098650 E610950	Project No: 0201-4800
GOVERNMENT OF THE YUKON	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			SURFACE COVER - organic mat	
			SILT (ML) - sandy, trace of fine gravel, reddish brown	
1.0			GRAVEL (GW) - sandy, trace of silt, subrounded particles, well-graded, reddish brown	
			- medium brown	
2.0			END OF BOREHOLE AT 1.9m Refusal - cobbles/boulders	
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

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COMPLETION DEPTH 1.9 m		COMPLETE 83/05/09
LOGGED BY TH	DWG NO.	Page 1 of 1

SOURCE 0001-1L
REPORT # DHC-06

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 0011B005
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098650 E610950	Project No: 0201-4800
GOVERNMENT OF THE YUKON	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			SURFACE COVER - organic mat				0.0
			SILT (ML) - sandy, trace of fine gravel, reddish brown				
			GRAVEL (GW) - sandy, trace of silt, subrounded particles, well-graded, medium brown				2.0
1.0							4.0
2.0							6.0
			- very hard drilling (possible cobble layer)				8.0
3.0							10.0
			END OF BOREHOLE AT 3.6m				12.0
4.0			Refusal - cobbles/boulders				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							

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COMPLETION DEPTH 3.6 m		COMPLETE 83/05/09
LOGGED BY TH	DWG NO.	Page 1 of 1

SOURCE 0001.1 L
REPORT # DHC-06

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 00115006
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098650 E610950	Project No: 0201-48[illegible]
GOVERNMENT OF THE YUKON	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			SURFACE COVER – organic mat	
			SILT (ML) – sandy, trace of fine gravel, reddish brown	
1.0			GRAVEL (GW) – sandy, trace of silt, subrounded particles, well-graded, medium brown	
			– contains trace of cobbles	
2.0			END OF BOREHOLE AT 1.8m Refusal – cobbles/boulders	
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

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COMPLETION DEPTH 1.8 m	COMPLETE 83/05/09
LOGGED BY TH	DWG NO.

SOURCE 0001.1L
REPORT # DHC-060

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 0011B007
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098650 E610950	Project No: 0201-4800
GOVERNMENT OF THE YUKON	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			SURFACE COVER - organic mat	
			SILT (ML) - sandy, trace of gravel, reddish brown	
			GRAVEL (GW) - sandy, trace of silt, subrounded particles, well-graded, medium brown	
4.0			END OF BOREHOLE AT 4.0m Refusal - cdobbles/boulders	

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

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

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

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COMPLETION DEPTH 4.0 m		COMPLETE 83/05/09
LOGGED BY TH	DWG NO.	Page 1 of 1

SOURCE 0001.1L
REPORT # DHC-06

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 0011B008
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098650 E610950	Project No: 0201-4800
GOVERNMENT OF THE YUKON	ORIGINAL BOREHOLE NUMBER - 8	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SURFACE COVER - organic mat	
			SILT (ML) - sandy, trace of gravel, reddish brown	
1.0			GRAVEL (GW) - sandy, trace of silt, subrounded particles, well-graded, medium brown	
2.0			END OF BOREHOLE AT 2.0m Refusal - cobbles/boulders	
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

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COMPLETION DEPTH 2.0 m		COMPLETE 83/05/09
LOGGED BY TH	DWG NO.	Page 1 of 1

SOURCE GOOD L
REPORT # DHC-06

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 0011B009
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098650 E610950	Project No: 0201-4800
GOVERNMENT OF THE YUKON	ORIGINAL BOREHOLE NUMBER – 9	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			SURFACE COVER – organic mat SILT (ML) – sandy, trace of gravel, reddish brown GRAVEL (GW) – sandy, trace of silt, subrounded particles, well-graded, medium brown				0.0
1.0							2.0
							4.0
2.0			END OF BOREHOLE AT 1.7m Refusal – cobbles/boulders				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							

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COMPLETION DEPTH 1.7 m		COMPLETE 83/05/09
LOGGED BY TH	DWG NO.	Page 1 of 1

SOURCE 0001.1 L

REPORT # DHC-060

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 0011T001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098650 E610950	Project No: 0201-4800
GOVERNMENT OF THE YUKON	ORIGINAL TEST PIT NUMBER - 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - sandy, some gravel, light reddish brown	
			GRAVEL (GW) - sandy, trace of silt, well-graded, subrounded to rounded, brown	
1.0			- contains some cobbles and isolated boulders	
2.0	■	1	- cobbles and boulder layers	
			- subrounded to subangular	
3.0			END OF TEST PIT 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

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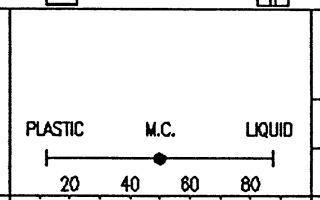
COMPLETION DEPTH 3.0 m		COMPLETE 83/05/09
LOGGED BY RJG	DWG NO.	Page 1 of 1

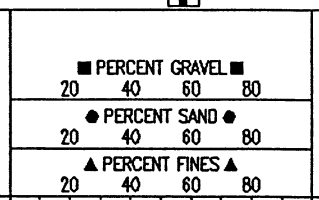
SOURCE 0001.1 L
REPORT # DHC-06

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 00117002
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098650 E610950	Project No: 0201-4800
GOVERNMENT OF THE YUKON	ORIGINAL TEST PIT NUMBER - 2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - gravelly, sandy, light brown	
			GRAVEL and SAND (GW) - trace of silt, well-graded, brown	
1.0			- contains occasional cobbles	
	■	1		
2.0				
			- cobble and boulder layer	
			END OF TEST PIT AT 2.7m	
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

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COMPLETION DEPTH 2.7 m	COMPLETE 83/05/09
LOGGED BY RJG	DWG NO.

SOURCE GOOD L

REPORT # DHC-060

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 00117003
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098650 E610950	Project No: 0201-4800
GOVERNMENT OF THE YUKON	ORIGINAL TEST PIT NUMBER - 3	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - sandy, trace of gravel, 0.1m moss and organics on surface	
			GRAVEL and SAND (GW) - trace of silt, well-graded, brown	
1.0			- contains occasional cobbles	
	■	1		
			- cobble-boulder layer	
2.0			END OF TEST PIT AT 1.9m	
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

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COMPLETION DEPTH 1.9 m	COMPLETE 83/05/09
LOGGED BY RJG	DWG NO.

SOURCE 0001.1L
REPORT #DHE-06

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 0011T004
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098650 E610950	Project No: 0201-4800
GOVERNMENT OF THE YUKON	ORIGINAL TEST PIT 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			SILT (ML) - sandy, trace of gravel, light brown				0.0
			GRAVEL and SAND (GW) - trace of silt, well-graded, brown				2.0
1.0	GRAB	1					4.0
			- cobble layer, few boulders				6.0
2.0			END OF TEST PIT AT 2.2m				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

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COMPLETION DEPTH 2.2 m	COMPLETE 83/05/09	
LOGGED BY RJG	DWG NO.	Page 1 of 1

SOURCE 00011L

REPORT # DHC-060

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 00117005
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098650 E610950	Project No: 0201-4800
GOVERNMENT OF THE YUKON	ORIGINAL TEST PIT NUMBER - 5	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - sandy, trace of gravel, light brown, 0.1m organics at surface	
	■	1	GRAVEL and SAND (GW) - trace of silt, well-graded, brown - contains occasional cobbles	
1.0			- cobbles and boulder layer	
2.0			- cleaner well-graded sandy gravel	
			END OF TEST PIT AT 2.6m	
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

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COMPLETION DEPTH 2.6 m		COMPLETE 83/05/15
LOGGED BY RJG	DWG NO.	Page 1 of 1

SOURCE 0001.1L
REPORT # DHC-060

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 0011T006
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098650 E610950	Project No: 0201-4800
GOVERNMENT OF THE YUKON	ORIGINAL TEST PIT 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 ■ (20 40 60 80) / ● PERCENT SAND ● (20 40 60 80) / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT (ML) - sandy, damp to moist, light reddish brown				0.0
			GRAVEL and SAND (GW) - trace of silt, well-graded, brown				2.0
1.0	GRAB	1	- contains occasional cobbles				4.0
			- cobble and boulder layer				6.0
2.0			END OF TEST PIT AT 2.1m				8.0
3.0							10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
10.0							32.0

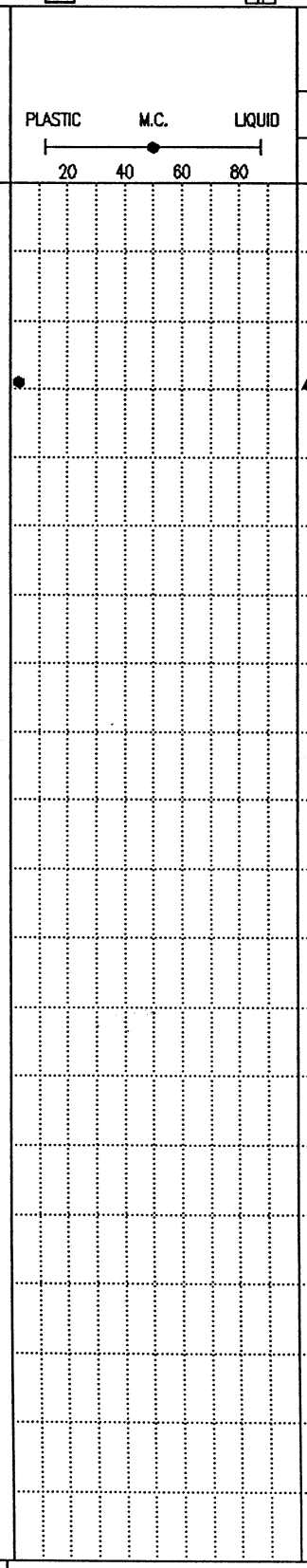
EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.1 m	COMPLETE 83/05/15
	LOGGED BY RJG	DWG NO.

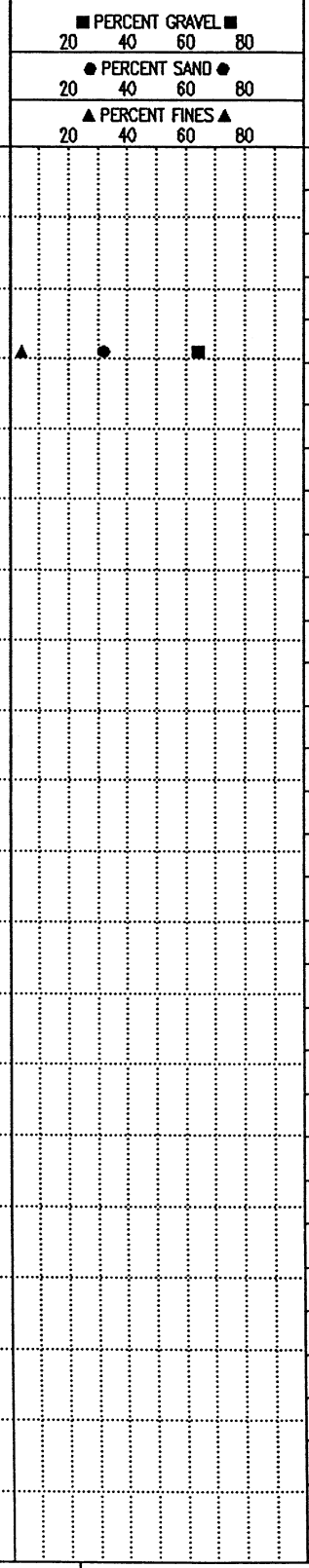
SOURCE GOUL L
REPORT # DHC-06

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 00117007
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098659 E610950	Project No: 0201-4800
GOVERNMENT OF THE YUKON	ORIGINAL TEST PIT NUMBER – 7	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			MOSS AND ORGANICS	
			SILT (ML) – sandy, light reddish brown	
			GRAVEL (GW) – sandy, trace of silt, well–graded, brown	
1.0			– contains occasional cobbles	
	■	1	– cobble layer, isolated boulders	
2.0			– cleaner gravel, greyish brown below 1.5m	
			END OF TEST PIT AT 2.6m	
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

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COMPLETION DEPTH 2.6 m		COMPLETE 83/05/15
LOGGED BY RJG	DWG NO.	Page 1 of 1

SOURCE 0001.1L
REPORT # DHE-0002

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 00117008
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098650 E610950	Project No: 0201-4800
GOVERNMENT OF THE YUKON	ORIGINAL TEST PIT NUMBER – 8	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – sandy, trace of gravel, light reddish brown	
			GRAVEL (GW) – sandy, trace of silt, well-graded, brown	
1.0	■	1	– isolated cobbles and boulders below	
2.0	■	2		
			END OF TEST PIT AT 2.5m	
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

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COMPLETION DEPTH 2.5 m		COMPLETE 83/05/15
LOGGED BY RJG	DWG NO.	Page 1 of 1

SOURCE 0001-1L
REPORT # DHC-0602

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.1 YUKON, 1200m L OF HIGHWAY	BOREHOLE No. 00117009
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098650 E610950	Project No: 0201-4800
GOVERNMENT OF THE YUKON	ORIGINAL TEST PIT NUMBER – 9	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – sandy, trace of gravel, light brown, 0.15m organics at surface	
			GRAVEL (GW) – sandy, trace silt, well graded	
1.0			– contains occasional cobbles	
	■	1	– cobbly layer, isolated boulders	
2.0			– cleaner well–graded gravel, greyish	
3.0			END OF TEST PIT AT 2.9m	
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

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COMPLETION DEPTH 2.9 m		COMPLETE 83/05/15
LOGGED BY RJG	DWG NO.	Page 1 of 1

SOURCE 0001.3B
REPORT [illegible], DHC-054

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.3 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 0013T001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7097600 E611600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			CLAY	
			GRAVEL (GP) – some sand, trace of clay, cobbles and boulders throughout	
1.0				
2.0	■		– material uniform from .2m to 4.0m	
			– boulders up to 300mm in dia.	
3.0		1		GP
4.0			END OF TEST PIT AT 4.0m – east end of existing pit	
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

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COMPLETION DEPTH 4.0 m		COMPLETE 78/07/26
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0001.3B

REPORTS - [redacted] ; DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.3 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 00137002
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7097600 E611600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 2	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 clay, cobbles and boulders throughout	
1.0				
2.0	■		– material uniform from 0m to 3.7m	
		1	– boulders up to 300mm in dia.	GP
3.0				
			END OF TEST PIT AT 3.7m centre of existing pit	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/26
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0001.3 B

REPORTS: [redacted] DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.3 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 00137003
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7097600 E611600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 3	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 clay, be	
			saturated at 1.4m	
1.0	■	1		GP
			– water table at 1.4m	
			END OF TEST PIT AT 1.5m	
2.0			– west perimeter area of existing pit	
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

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COMPLETION DEPTH 1.5 m		COMPLETE 78/07/26
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE GOO1.3 B

REPORTS: [redacted] DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.3 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 00137004
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7097600 E611600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 4	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) – sandy, trace of clay	
		1		GP
1.0			– becomes cleaner below 1.2m	
		2	– material uniform throughout hole	GP
2.0			– water at 2.1m	
			END OF TEST PIT AT 2.1m	
			– centre of existing pit	
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

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COMPLETION DEPTH 2.1 m		COMPLETE 78/07/27
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 00013B

REPORTS: [redacted] DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.3 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 00137005
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7097600 E611600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 5	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC SILT/CLAY (OL)	
			GRAVEL – sandy, trace of clay	
	■	1		GP/GM
1.0			– becomes cleaner and coarser below .	
	■	2		GP
2.0			– material uniform throughout remaining depth, cobbles and boulders throughout, up to 250mm diameter	
3.0				
			END OF TEST PIT AT 3.7m	
4.0			– 0.7m from Klondike River	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/26
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0001.3 B

REPORTS: [redacted] DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.3 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 00137006
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7097600 E611600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 6	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)	
			CLAY (CL)	
1.0			GRAVEL (GM-GP) - sandy, trace of clay, occasional cobbles and boulders throughout, up to 250mm dia.	
2.0	■	1		GP-GM
3.0				
4.0			END OF TEST PIT AT 3.7m - Across highway from existing pit - Undeveloped at time of investigation	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/27
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0001.33

REPORTS: [illegible] DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.3 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 00137007
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7097600 E611600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 7	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC CLAY (CL)	
			GRAVEL (GP) – some sand, trace of clay, cobbles and boulders throughout	
1.0				
	■	1	– material remains uniform	GP
2.0			– boulders up to 700mm	
			END OF TEST PIT AT 2.7m Refusal on boulder at 2.7m – 1 km from Klondike River	
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

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COMPLETION DEPTH 2.7 m | COMPLETE 78/07/27

LOGGED BY | DWG NO. | Page 1 of 1

SOURCE 00033R

REPORT DHC-034

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 3.3 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 00337001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098070 E613350	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) - sandy, trace of silt, cobbles and boulders throughout, coarse, up to 300mm in diameter	
1.0				
		1	- 35% - 40% > 100mm dia. (est.)	GP
2.0				
3.0			END OF TEST PITS AT 3.0m - excavated in centre of existing pit 40m from 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

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COMPLETION DEPTH 3.0 m		COMPLETE 74/11/14
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 00013 B
034
REPORTS DHC-03[illegible]

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.3 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 0013T01A
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7097600 E611600	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) - sandy, trace of silt, cobbles and boulders throughout, coarse gravel up to 320mm dia.	
1.0				
2.0			- estimated 50% > 100mm dia.	
3.0	■	1		GP
4.0			END OF TEST PIT AT 3.7m	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 74/11/14
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0001.3 B

REPORTS: ~~[illegible]~~ DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.3 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 00137008
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7097600 E611600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 8	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GM–GP) – sandy, trace of clay	
1.0			– becoming cleaner and coarser below 1.5m	
2.0	■	1		GP
3.0			– large boulders up to 700mm dia.	
4.0			END OF TEST PIT AT 4.0m – centre of pit – 1km from Klonkide River	
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

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COMPLETION DEPTH 4.0 m		COMPLETE 78/07/27
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 00013 B

REPORTS: [redacted] DHC-0556

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.3 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 00137009
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7097600 E611600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 9	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 CLAY (OL)	
			GRAVEL (GP) - sandy, trace of clay, occasional cobbles and boulders up to 200 mm diameter	
1.0				
2.0	■	1		GP
			- becoming coarser below 2.7 m with boulders up to 300mm diameter	
3.0				
			END OF TEST PIT AT 3.7m - east perimeter of pit - 55 m north of GSC BM #744183	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/27
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0001.3 B

REPORTS: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.3 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 0013T010
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7097600 E611600	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 10	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 CLAY (OL)	
			GRAVEL (GP) - sandy, some clay	
1.0	■	1	- becomes cleaner with only traces of clay	GP
2.0				
3.0	■	2	- occasional cobbles and boulders up to 250mm dia. throughout test pit	GP
4.0			END OF TEST PIT AT 3.7m - left of highway - 69m east of GSC BM #74Y183	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/27
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE GOO1.3 B

REPORTS: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 1.3 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 0013T011
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7097600 E611600	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 11	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 (GM) - sandy, silty	
			GRAVEL (GP) - some sand, trace of clay, cobbles and boulders throughout	
1.0				
2.0	■	1	- material remains uniform	GP
3.0			- boulders up to 300mm dia.	
			END OF TEST PIT AT 3.7m - 75m left of highway - 300m east of GSC BM #74Y183	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/27
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0003.3
REPORT DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 3.3 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 00337014
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098070 E613350	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 14	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 and boulders throughout, coarse, up to 250mm diameter	
1.0	■	1	- material appears uniform throughout	GP
2.0			- difficult to excavate	
3.0				
4.0			END OF TEST PIT AT 3.7m - 3.0 km from Klondike River Bridge - existing pit	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/27
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE : 00033 R

REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 3.3 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 00337013
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098070 E613350	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 13	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL)	
			GRAVEL and SILT (GM)	
1.0			GRAVEL (GP) - sandy, trace of clay, cobbles and occasional boulder throughout, gravel up to 200mm dia.	
2.0		1	- material uniform throughout pit	GP
3.0			- becomes finer below 3.3m	
4.0			END OF TEST PIT AT 3.7m - 30m beyond far corner of existing pit on the right side 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/27
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE GD3.3 R

REPORT DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 3.3 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 0033T012
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098070 E613350	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 12	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) - trace of sand, trace of silt to clean, cobbles and boulders throughout	
1.0				
2.0	■	1	- material uniform throughout depth of pit	GP
			- average size of gravel is 200mm	
3.0				
			END OF TEST PIT AT 3.7m	
4.0			- approximately 50m past Historic Dempster Sign Post	
			- located in centre of existing pit	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/27
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0005.1R
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 5.1 YUKON, 60m R OF HIGHWAY	BOREHOLE No. 00517015
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098750 E614850	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 15	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 clay to clean, cobbles and boulders throughout, coarse to 500mm dia.	
1.0				
			- material remains uniform throughout	
2.0	■	1		GP
3.0				
			END OF TEST PIT AT 3.7m - existing pit #168 - near GSC BM #78Y001	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/28
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0005.1R
REPORT DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 5.1 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 00517016
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7098750 E614850	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 16	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL and SILT (GM)	
			GRAVEL (GP) - some sand, trace of clay to clean, cobbles and boulders throughout, coarse, up to 300mm diameter	
1.0				
2.0			- material remains uniform throughout	
	■	1		GP
3.0				
			END OF TEST PIT 3.7m - 300m from pit #168 on right side 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

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Whitehorse, Yukon

COMPLETION DEPTH 3.7 m		COMPLETE 78/07/28
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: GOOGLE

REPORT: DHC-038 034

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 6.6 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 00667001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7099900 E615800	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) - sandy, trace of silt, cobbles and occasional boulders throughout, coarse, estimated 5% larger than 100mm dia.	
1.0		1		GP
2.0			- becomes finer below 2.1m with no cobbles	
3.0			- water seeping into test pit at 2.9m END OF TEST PIT AT 3.0m - excavated at edge of existing pit 25m 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

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COMPLETION DEPTH 3.0 m		COMPLETE 74/11/13
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 00066L

REPORT DHC-038 034

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 6.6 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 00667002
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7099900 E615800	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL and SILT (GM) - some sand	
			GRAVEL (GP) - sandy, trace of silt, cobbles and boulders throughout, estimate 20% larger than 100mm dia, up to 250mm diameter	
1.0				
		1		GP
2.0				
			- becomes less coarse below 2.5m with few cobbles or boulders	
3.0				
			END OF TEST PIT AT 3.4m - existing pit 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

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COMPLETION DEPTH 3.4 m		COMPLETE 74/11/13
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0006-6L

REPORT: DAC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 6.6 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 00667017
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7099900 E615800	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 17	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 clay to clean, cobbles and boulders throughout, coarse to 250mm dia.	
1.0				
2.0		1	- material remains uniform throughout test pit	GP
3.0			- becoming saturated with free water at 3.3m	
4.0			END OF TEST PIT AT 3.7m - centre of existing pit 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/28
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00066eL
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 6.6 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 00667018
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7099900 E615800	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 18	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL and SILT (GM)	
			GRAVEL (GP) - some sand, trace of clay to clean, cobbles and boulders throughout, coarse to 300mm dia.	
1.0			- material remains uniform throughout test pit	
2.0	■	1		GP
3.0			END OF TEST PIT AT 3.3m - existing pit 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

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COMPLETION DEPTH 3.3 m		COMPLETE 78/07/28
LOGGED BY	DWG NO.	Page 1 of 1

#SOURCE: 0006.L6L
REPORT: PHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 6.6 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 00667019
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7099900 E615800	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 19	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL and SILT (GM)	
1.0			GRAVEL (GP) - sandy, trace of clay, cobbles and boulders throughout, coarse, up to 250mm diameter	
2.0	■	1	- fairly uniform throughout test pit	GP
3.0			END OF TEST PIT AT 3.3m - existing pit 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

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COMPLETION DEPTH 3.3 m		COMPLETE 78/07/28
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00067R
REPORT: DHC-038634

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~6.9~~ 6.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~00697001~~ 00677001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7099950 E616220	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0	■	1	GRAVEL (GP) - sandy, trace of silt, cobbles throughout, medium coarse, up to 200mm diameter	GP
1.0			- estimated between 20% and 25% of gravel larger than 100mm	
2.0			- remains uniform throughout test pit	
3.0				
4.0			END OF TEST PIT AT 3.7m - excavated at end of existing pit 17m 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

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COMPLETION DEPTH 3.7 m		COMPLETE 74/11/13
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00067 R
REPORT: DHC-038034

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 6.9 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 00697002
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7099950 E616220	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) - sandy, trace of silt, cobbles and boulders throughout, estimated 30% larger than 100mm dia coarse, up to 300mm diameter,	
1.0				
2.0		1		GP
			- remains uniform throughout test pit	
3.0				
			END OF TEST PIT AT 3.7m	
4.0			- excavating at end of existing pit 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

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COMPLETION DEPTH 3.7 m		COMPLETE 74/11/13
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00067 R
REPORT: DHC-056

67

00677020

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 6.9 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~00697020~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7099950 E616220	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 20	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 and boulders throughout, coarse, up to 300mm diameter	
1.0	■	1	- material remains uniform throughout test pit	GP
2.0				
3.0				
4.0			END OF TEST PIT AT 3.7m - excavated in centre of existing pit	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/28
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00067 R
REPORT: DHC-056

00067T021

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 6.9 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~00697021~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7099950 E616220	Project No: 0201 – 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 21	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 and SILT (GM) – some sand	
1.0			GRAVEL (GP) – some sand, trace of silt, cobbles throughout, coarse, up to 200mm diameter	
	■	1		GP
2.0			– material remains uniform throughout	
3.0				
			END OF TEST PIT AT 3.7m – excavated 70m down trail from existing pit	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/28
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0007.2L
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 7.2 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 0072T022
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7100350 E616390	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 22	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, cobbles throughout, coarse, up to 200mm diameter				0.0
1.0			– material remains uniform throughout test pit				2.0 / 4.0
2.0							6.0 / 8.0
3.0			– no samples collected				10.0 / 12.0
4.0			END OF TEST PIT AT 3.7m – excavated at centre of existing pit				14.0
5.0							16.0 / 18.0
6.0							20.0
7.0							22.0 / 24.0
8.0							26.0 / 28.0
9.0							30.0
10.0							32.0

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/28
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0007.2L
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 7.2 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 0072T023
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7100350 E616390	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 23	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL and SILT (GM) - some sand	
1.0	■	1	GRAVEL (GP) - some sand, trace of silt, cobbles and boulders throughout, coarse, up to 300mm diameter	GP
2.0			- material remains uniform throughout test pit	
3.0			END OF TEST PIT 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

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COMPLETION DEPTH 3.0 m		COMPLETE 78/07/29
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0007.8 R
REPORT DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 7.8 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 00787024
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7100310 E617000	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 24	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) - sandy, trace of silt, cobbles and boulders throughout, coarse, up to 250mm diameter	
1.0	■	1	- material remains uniform throughout	GP
2.0				
3.0				
4.0			END OF TEST PIT AT 3.7m - excavated in centre of existing pit	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/29
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0009.2L
REPORT: DHC-038 034

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 9.2 YUKON, 70m L OF HIGHWAY	BOREHOLE No. 00927001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7101250 E617780	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TESTPIT NUMBER - 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0				
	■	1	GRAVEL (GP) - some sand, trace of silt, cobbles and boulders throughout, coarse, up to 250mm diameter	GP
1.0				
2.0				
3.0				
			END OF TEST PIT AT 3.7m - excavated in centre of existing pit	
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

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COMPLETION DEPTH 3.7 m	COMPLETE 74/11/13
LOGGED BY	DWG NO.

SOURCE: 0010.9L
REPORT : DHC-038 034

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 10.9 YUKON, 40m L OF HIGHWAY	BOREHOLE No. 0109T001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7102390 E618560	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 1	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) - sandy, some silt, cobbles and boulders throughout, up to 250mm diameter, estimated 30% > 100mm diameter	GM
3.0	■	2	GRAVEL (GW-GM) - sandy, trace of silt, finer with 100% smaller than 50mm diameter	GW-GM
4.0			END OF TEST PIT AT 3.7m - excavated along back edge of existing pit	
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

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COMPLETION DEPTH 3.7 m | COMPLETE 74/11/13
LOGGED BY | DWG NO. | Page 1 of 1

SOURCE: 0011.4 B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 11.4 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 01147025
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7102900 E618480	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 25	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GM) - sandy, some silt	
1.0			GRAVEL (GP) - sandy, trace of silt, cobbles and boulders throughout, coarse, up to 300mm diameter	
2.0	■	1	- material remains uniform throughout test pit	GP
3.0			END OF TEST PIT AT 3.0m - excavated in centre of existing pit	
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

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COMPLETION DEPTH 3.0 m		COMPLETE 78/07/29
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0012.5 R
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 12.5 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 0125T026
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7103850 E619010	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 26	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GM) - silty, some sand	
1.0			GRAVEL (GP) - some sand, trace of silt	
2.0	■	1		GP
3.0			END OF TEST PIT AT 3.3m - STA 410+000 to STA 420+000 on right 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

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COMPLETION DEPTH 3.3 m		COMPLETE 78/07/31
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE : 0012.5R

REPORT : DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 12.5 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 0125T027
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7103850 E619010	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 27	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 (GM) - silty, some sand				0.0
1.0							4.0
2.0							8.0
3.0	■	1	GRAVEL (GM-GP) - sandy, trace of silt	GP-GM		▲ ● ■	10.0
4.0			END OF TEST PIT AT 3.7m - STA 410+00 to STA 420+00 on right of highway				12.0
5.0							16.0
6.0							20.0
7.0							24.0
8.0							26.0
9.0							28.0
10.0							30.0
							32.0

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/31
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0012.5R
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 12.5 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 01257028
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7103850 E619010	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 28	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GM) - silty, some sand	
			GRAVEL (GP) - some sand, trace of silt, cobbles and boulders throughout, coarse, up to 300mm diameter	
1.0				
2.0			- material remains uniform throughout remaining depth of test pit	
	■	1		GP
3.0				
			END OF TEST PIT AT 3.7m - STA 410+00 to STA 420+00 on right 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/31
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00125R

REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 12.5 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 0125T029
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7103850 E619010	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 29	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - some sand	
1.0				
			SILT and GRAVEL (GM) - some sand	
2.0				
	■	1	GRAVEL (GM-GP) - some sand, trace of silt	GP
3.0				
			END OF TEST PIT AT 3.7m - STA 410+00 to STA 420+00 on right 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/31
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00 17.7 L
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 17.7 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 01777030
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7109050 E621000	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 30	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL and SILT (GM)	
1.0			GRAVEL (GP) - some sand, trace of silt, cobbles and boulders throughout, coarse, up to 250mm diameter	
2.0			- material remains uniform throughout remaining depth of test pit	
3.0	■	1		GP
4.0			END OF TEST PIT AT 3.7m - excavated at lowest point in the center of the existing pit	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/07/31
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE : 0017.7 L
REPORT : DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 17.7 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 01777031
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7109050 E621000	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 31	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 and SILT (GM) - some sand				0.0
			- hard digging throughout extent of excavation				2.0
1.0			END OF BOREHOLE AT 1.2m - excavated in existing pit - no samples collected				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							

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COMPLETION DEPTH 1.2 m		COMPLETE 78/07/31
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0019.4 B
REPORT : DHC-038 034

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 194 YUKON, 65m R OF HIGHWAY	BOREHOLE No. 01927001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7110490 E621060	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GM-GP) - some sand, trace of silt, occasional cobble, estimated 10% greater than 100mm diameter	
1.0				
2.0		1		GP-GM
3.0			- becoming sandier and siltier with little gravel below 3.0m	
			SILT (ML) - some sand	
4.0			END OF TEST PIT AT 3.7m - excavated near centre of existing pit	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 74/11/13
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0021.7L
REPORT: DHC-038

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 21.7 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 02177001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7112350 E619500	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GM) - sandy, some silt, trace of clay, cobbles and boulders throughout, coarse, up to 400mm diameter	
1.0		1		GM
2.0			- moisture increasing below 2.3m	
3.0			END OF TEST PIT AT 3.0m - excavated at end of existing pit 75m 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

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COMPLETION DEPTH 3.0 m		COMPLETE 74/11/10
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE : 0217L

REPORT : DHC-038

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 21.7 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 0217T002
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7112350 E619500	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0	■		GRAVEL (GM-GP) - sandy, trace of silt, trace of clay, cobbles and boulders throughout, coarse, up to 450mm diameter	
1.0	■			
2.0	■	1	- becoming finer with more moisture below 1.6m, maximum size cobbles below 1.6m is 150mm	GP-GM
3.0	■			
4.0			END OF TEST PIT AT 3.7m - excavated at end of existing pit 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

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COMPLETION DEPTH 3.7 m		COMPLETE 74/11/10
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE : 0022.4L
REPORT : DHC-038

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 22.4 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 02247001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7112860 E619320	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - sandy, some fine gravel	
			GRAVEL (GM) - sandy, some silt, trace of clay, cobbles and boulders throughout, coarse, up to 375mm diameter	
1.0		1		GM
2.0			- estimated 40 - 45% > 100mm dia.	
3.0				
4.0			END OF TEST PIT AT 3.7m - excavated at back of existing pit 150m 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

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COMPLETION DEPTH 3.7 m		COMPLETE 74/11/09
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00224L
REPORT: DHC-038

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 22.4 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 02247002
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7112860 E619320	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GM) - sandy, some silt, trace to some clay, cobbles and boulders throughout, coarse, up to 300mm diameter	
1.0			- estimated 30% > 100mm dia.	
2.0		1		GM
3.0			END OF BOREHOLE AT 3.2m - excavated at front of existing pit 25m 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

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COMPLETION DEPTH 3.2 m		COMPLETE 74/11/09
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0026.7R
REPORT: DHC-056
0267T08R

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 26.8 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 02607032
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7117180 E619340	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 32	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 and boulders throughout, coarse, up to 450mm diameter	
1.0				
2.0	■	1	- material remains fairly uniform throughout depth of test pit	GP
3.0				
			END OF TEST PIT AT 3.7m - STA 880+00 on right 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/08/01
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00267 R
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~26.8~~ 26.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~02687033~~ 02671033
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7117180 E619340	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 33	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 and boulders throughout, coarse, up to 450mm diameter	
1.0			- no samples taken	
2.0				
3.0			END OF TEST PIT AT 2.7m - STA 880+00 on right 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

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COMPLETION DEPTH 2.7 m		COMPLETE 78/08/01
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0026.7 R
REPORT: Dtc-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~28.8~~ 26.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0260T034~~ 0267T034
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7117180 E619340	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 34	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 and boulders throughout	
1.0			- predominently medium to fine gravel	
2.0	■	1		GP
			END OF TEST PIT AT 2.7m	
3.0			- STA 880+00 on right 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

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COMPLETION DEPTH 2.7 m		COMPLETE 78/08/01
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0026.7R
REPORT: DHC-056
0267T035

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~26.8~~ 267 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~02687035~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7117180 E619340	Project No: 0201 – 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 35	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			GRAVEL and SILT (GM) – some sand				0.0
			GRAVEL (GP) – sandy, trace of silt, occasional cobble				2.0
1.0							4.0
2.0	GRAB	1		GP		▲ ● ■	6.0
							8.0
3.0			END OF TEST PIT AT 3.0m – STA 882+00 on right of highway				10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 78/08/01
	LOGGED BY	DWG NO.

SOURCE: 0028.4 R
REPORT: DHC-056

28.4 0284T036

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~28.6~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~02867036~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7119070 E619100	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 36	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, occasional cobble and boulder				0.0
1.0							2.0
							4.0
2.0	■	1		GP		▲ ● ■	6.0
							8.0
3.0			END OF TEST PIT AT 3.0m – STA 938+00 on right of highway				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							

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

SOURCE: 0028.4 R
REPORT : DHC-056

28.4

0284T037

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 28.6 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~02867037~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7119070 E619100	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 37	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL and SILT (GM) - some sand	
			GRAVEL (GP) - some sand, trace of silt, occasional cobble and boulder	
1.0	■	1		GP
2.0			END OF TEST PIT AT 2.4m - STA 938+00 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

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

SOURCE: 0028.4R
REPORT: DHC-056

28.4

0284T038

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~28.6~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~02867038~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7119070 E619100	Project No: 0201 – 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 38	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL and SILT (GM) – some sand	
			GRAVEL (GP) – sandy, trace of silt, occasional cobble and boulder	
1.0	■	1		GP
			END OF TEST PIT AT 1.5m – STA 938+00 on right of highway	
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

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COMPLETION DEPTH 1.5 m		COMPLETE 78/08/08
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0028.4 R

REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~28.6~~ 28.4 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0286T039~~ 0284T039
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7119070 E619100	Project No: 0201 – 4800
PUBLIC WORKS CANADA	ORIGINAL TEAT PIT NUMBER – 39	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 and boulder, coarse	
2.0	■	1		GP
3.0				
4.0			END OF TEST PIT AT 3.7m – STA 938+00 on 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

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

SOURCE: 0028.4R
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~28.6~~ 284 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~02867040~~ 0284T040
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7119070 E619100	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 40	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 and boulder	
1.0				
2.0	■	1		GP
			END OF TEST PIT AT 2.40m - STA 938+00 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

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COMPLETION DEPTH 2.4 m		COMPLETE 78/08/09
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0028.4 R
REPORT: DHC-056

28.4

0284T041

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~28.6~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0286T041~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7119070 E619100	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 41	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 to sandy, trace of silt, occasional cobble and boulder	
2.0	■	1		GP
3.0			END OF TEST PIT AT 3.0m - STA 949+00 (km 28.9) on 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

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COMPLETION DEPTH 3.0 m		COMPLETE 78/08/10
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0028.4 R
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~28.6~~ 28.4 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0286T042~~ 0284T042
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7119070 E619100	Project No: 0201 – 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 42	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			GRAVEL and SILT (GM) – some sand, occasional cobble				0.0
			GRAVEL (GP) – sandy, trace of silt, occasional cobble and boulder				2.0
1.0							4.0
2.0							6.0
	GRAB	1		GP		▲ ● ■	8.0
3.0			END OF TEST PIT AT 3.0m – STA 949+00 (km 28.9) on right of highway				10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 78/08/10
	LOGGED BY	DWG NO.

SOURCE : 0028.4R
REPORT: DHC-056

28.4 0284T043

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~28.6~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~02867043~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7119070 E619100	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 43	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 and boulder	
3.0	■	1		GP
3.7			END OF TEST PIT AT 3.7m – STA 949+00 (km 28.9) 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 (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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/08/10
LOGGED BY	DWG NO.	Page 1 of 1

0033.2L SOURCE 0033.2 REPORT DHC-038

33.2 0332T001

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 33.6 YUKON, 30m L OF HIGHWAY	BOREHOLE No. 0336T001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7123510 E620000	Project No: 0201 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0	■		SILT (ML) – gravelly, some sand, some clay, grey	
1.0	■		GRAVEL (GM) – sandy, some silt, trace of clay, cobbles and boulders up to 375mm diameter throughout, grey	
2.0	■	1	– estimated 45% > 100mm dia.	GM
3.0	■		– becomes finer below 2.9m and clay content increases	
4.0			END OF TEST PIT AT 3.7m – excavated in existing pit	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 74/11/06
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0033.2 B
REPORT: DHC-038

33.2

0332T002

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~38.6~~ YUKON, 30m L OF HIGHWAY	BOREHOLE No. ~~03367002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7123510 E620000	Project No: 0201 – 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – gravelly, some sand, some clay occasional cobble and boulder up to 225mm diameter, grey	
1.0			– estimated less than 5% larger than 100mm diameter	
2.0		1		
3.0			– becomes coarser below 2.5m with more cobbles and boulders	
4.0			END OF TEST PIT AT 3.7m – excavated in existing pit	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 74/11/06
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0035.6 L
REPORT: DHC-038

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 35.6 YUKON, 65m L OF HIGHWAY	BOREHOLE No. 03567001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7125390 E620500	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GM) - sandy, some silt, trace of clay, cobbles and boulders up to 300mm diameter throughout	
1.0			- estimated 10% > 100mm dia.	
2.0		1		GM
3.0				
4.0			END OF TEST PIT AT 3.7m - excavated along edge of pit on top of hill	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 74/11/06
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0039.9 B
REPORT - DHC - 056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 39.9 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 0399T044
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7130200 E621650	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 44	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 (ML) - gravelly, some sand, some clay occasional cobble				0.0
			PEAT (PT) - black				2.0
1.0							4.0
			END OF TEST PIT AT 1.5m - STA 1310+00 on right of highway - no samples collected				6.0
2.0							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							

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COMPLETION DEPTH 1.5 m		COMPLETE 78/08/11
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0039.9 B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 39.9 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 03997045
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7130280 E621480	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 45	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 cobbles and boulders	
1.0				
2.0	■	1		GP
			END OF TEST PIT AT 2.7m - STA 1319+00 on left 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

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COMPLETION DEPTH 2.7 m		COMPLETE 78/08/11
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0040.5L
REPORT: DHC-056

40.5

0405TOU

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~48.6~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~04067001~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7131360 E621700	Project No. [redacted] - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 1	ELEVATION 0.000

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - gravelly, some sand, some clay	
1.0				
2.0		1	GRAVEL (GM) - sandy, silty, trace of clay, cobbles and boulders up to 300mm diameter - estimated 50% > 100mm diameter	GM
3.0			END OF TEST PIT AT 3.0m - 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

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COMPLETION DEPTH 3.0 m		COMPLETE 74/11/05
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00405L
REPORT: DHC-066

405 0405T046

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~40.6~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~04067046~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7131360 E621700	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 46	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - gravelly, some sand, some clay	
			GRAVEL (GM) - sandy, silty, trace of clay, cobbles and boulders up to 300mm diameter	
1.0			- estimated 50% > than 100mm diameter	
2.0			END OF TEST PIT AT 1.8m - STA 1340+00 on left of highway - no samples located	
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

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COMPLETION DEPTH 1.8 m		COMPLETE 78/08/11
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0440T047
REPORT: DAC-056

0440T047

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~43.7~~ 44.0 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0437T047~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7133370 E622150	Project No: 0201 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 47	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			GRAVEL (GP) – sandy, trace of silt, cobbles and boulders throughout				0.0
1.0							2.0
2.0							4.0
3.0							6.0
							8.0
							10.0
			END OF TEST PIT AT 3.7m – STA 1432+00 on left of highway				12.0
4.0							14.0
5.0							16.0
6.0							18.0
7.0							20.0
8.0							22.0
9.0							24.0
10.0							26.0
							28.0
							30.0
							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.7 m	COMPLETE 78/08/11
	LOGGED BY	DWG NO.

SOURCE 00 44.0 L
REPORT DATE-05

44.0

0440T05

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~48.7~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0437T051~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7133370 E622150	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 51	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - gravelly, some sand, some clay	
			GRAVEL (GP) - sandy, trace of silt, occasional cobbles and boulders throughout	
2.0	■	1		GP
			END OF TEST PIT AT 2.1m - STA 1432+00 on left 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

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COMPLETION DEPTH 2.1 m		COMPLETE 78/08/14
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0044.0L
REPORT DHC-054

44.0

6440T052

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~43.7~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~04377052~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7133370 E622150	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 52	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - gravelly, some sand, some clay	
1.0			GRAVEL (GP) - some sand to sandy, trace of silt, occasional cobbles and boulders throughout	
2.0	■	1		GP
3.0				
			END OF TEST PIT AT 3.7m - STA 1432+00 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/08/14
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0047.2-B
REPORT DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~46.9~~ 47.2 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~04697048~~ 0472T048
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7136250 E623270	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 48	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, occasional cobbles and boulders				0.0
1.0							2.0
							4.0
2.0		1		GP			6.0
							8.0
3.0							10.0
			END OF TEST PIT AT 3.3m - STA 1537+00 on right of highway				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.3 m	COMPLETE 78/08/11
	LOGGED BY	DWG NO.

SOURCE : 0047.2-B
REPORT : DHC-056

47.2

0472T049

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~46.9~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~04697~~049
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7136250 E623270	Project No: 0201 – 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 49	ELEVATION [redacted] (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – gravelly, some sand, some clay	
1.0			GRAVEL (GP) – sandy, trace of silt, occasional cobbles and boulders	
2.0	■	1		GP
3.0			END OF TEST PIT AT 3.0m – STA 1538+00 on right 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

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COMPLETION DEPTH 3.0 m		COMPLETE 78/08/11
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0047.2B
REPORT: DAC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~48.9~~ 47.2 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 0469T050 (0472T050)
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7136400 E623200	Project No: 0201 [redacted] 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 50	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 to sandy, trace of silt, occasional cobbles and boulders	
1.0				
2.0	■	1		GP
3.0			END OF TEST PIT AT 3.0m – STA 1540+00 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

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COMPLETION DEPTH 3.0 m		COMPLETE 78/08/11
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0047.2 B
REPORT - DHG-038

47.2

0472T001

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 47.0 YUKON, 16m R OF HIGHWAY	BOREHOLE No. 04707001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7136450 E623430	Project No: 0201 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 1	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, trace of clay	
1.0				
			GRAVEL (GP) – some sand, trace of silt, cobbles and boulders throughout	
2.0				
		2	– estimate 25% > 100mm diameter	GP
3.0				
			END OF TEST PIT AT 3.7m – excavated in small clearing 16m right 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

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COMPLETION DEPTH 3.7 m | COMPLETE 74/11/05

LOGGED BY | DWG NO. | Page 1 of 1

SOURCE 0049.9B
REPORT DHC-038

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 49.8 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 04997001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7138450 E624750	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT 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			MOSS COVER				0.0
			SILT (ML) - sandy, trace of clay				
			GRAVEL - trace of silt, cobbles and boulders up to 450mm diameter throughout test pit				2.0
1.0							4.0
	■	1	- estimate 30 - 35% > 100mm dia.	GP-GM		▲ ● ■	6.0
2.0							8.0
3.0							10.0
			END OF TEST PIT AT 3.3m - excavated in existing pit 30m 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
9.0							30.0
10.0							32.0

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COMPLETION DEPTH 3.3 m		COMPLETE 74/11/05
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0049.9 B
REPORT DAC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 49.9 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 04997053
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7138350 E624900	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 53	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) - sandy, trace of silt, cobbles and boulders throughout				0.0
1.0							2.0
							4.0
2.0	■	1		GP		▲ ● ■	6.0
							8.0
3.0			END OF TEST PIT AT 3.3m - adjacent to M.P. 31 on right side of highway				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							

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COMPLETION DEPTH 3.3 m		COMPLETE 78/08/14
LOGGED BY	DWG NO.	Page 1 of 1

- SOURCE: 04997B ; REPORT DATE-356

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 49.9 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 04997054
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7138550 E624850	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 54	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 and boulders throughout	
1.0				
2.0	■	1		GP
3.0				
			END OF TEST PIT AT 3.3m - 0.2 miles past M.P. 31 on left side 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

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COMPLETION DEPTH 3.3 m		COMPLETE 78/08/14
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 004993
REPORT DHC-856

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 49.9 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 04997055
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7138550 E624850	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 55	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - gravelly, some sand, some clay occasional cobble	
1.0			GRAVEL (GP) - some sand, trace silt, cobbles and boulders throughout	
2.0	■	1		GP
3.0				
4.0			END OF TEST PIT AT 3.7m - 0.2 miles past M.P.31 on left side of highway at approx. km 50.2	
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

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COMPLETION DEPTH 3.7 m	COMPLETE 78/08/14
LOGGED BY	DWG NO.

SOURCE: 0049.9 B
REPORT: DHC - 056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 49.9 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 04997056
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7138550 E624850	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 56	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 (ML) - gravelly, some sand, some clay occasional cobble				0.0
1.0			GRAVEL (GM) - some sand, some silt, cobbles and boulders throughout				4.0
2.0	■	1		GM		▲● ■	8.0
3.0			END OF TEST PIT AT 3.3m - 0.2 miles past M.P.31 on left side highway at approx. km 50.2				10.0
4.0							12.0
5.0							16.0
6.0							20.0
7.0							24.0
8.0							26.0
9.0							30.0
10.0							32.0

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COMPLETION DEPTH 3.3 m		COMPLETE 78/08/14
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0049.9B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 49.9 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 0499T057
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7138450 E624750	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 57	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, cobbles and boulders throughout				0.0
1.0							2.0
							4.0
2.0	■	1		GP		▲ ● ■	6.0
							8.0
3.0			END OF TEST PIT AT 3.0m – 0.1 mile past M.P.31 at km 50 on left side of highway				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							

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COMPLETION DEPTH 3.0 m	COMPLETE 78/08/14
LOGGED BY	DWG NO.

SOURCE: 00499B
REPORT : DAC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 49.9 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 04997059
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7138600 E624900	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 59	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - gravelly, some sand, some clay occasional cobble	
			GRAVEL (GP) - some sand, trace of silt, cobbles and boulders throughout	
2.0	■	1		GP
3.0				
			END OF TEST PIT AT 3.7m - STA 1660+00 (km 50.6) 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

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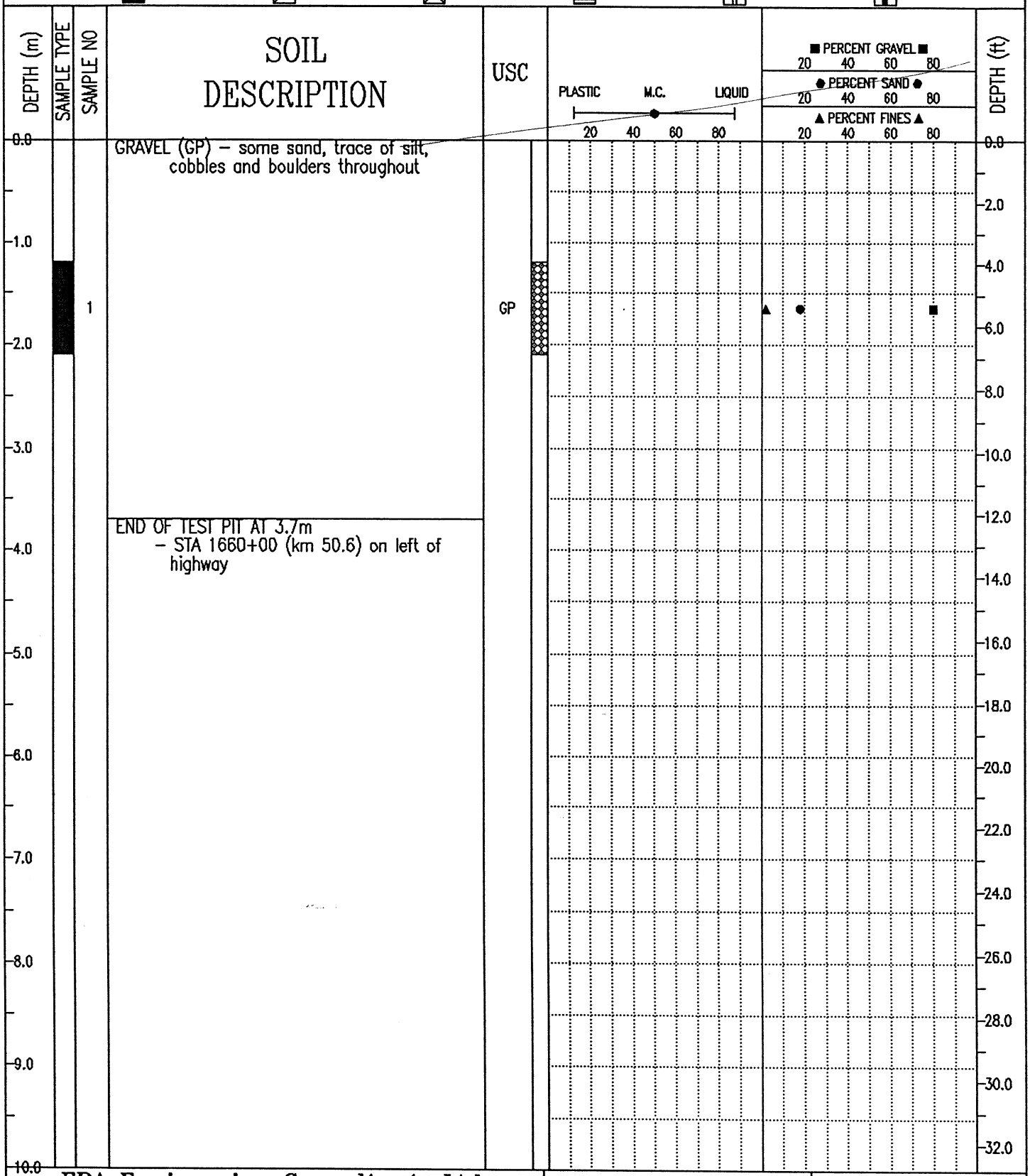
COMPLETION DEPTH 3.7 m		COMPLETE 78/08/15
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0049.9B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 49.9 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 04997060
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7138600 E624900	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 60	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON



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COMPLETION DEPTH 3.7 m		COMPLETE 78/08/15
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0053.1 R
REPORT : DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 53.1 YUKON	BOREHOLE No. 05317058
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7140470 E626700	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 58	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) – sandy, trace of silt, cobbles and boulders throughout				0.0
1.0							2.0
							4.0
2.0		1		GP			6.0
							8.0
3.0							10.0
			END OF TEST PIT AT 3.7m – located at M.P. 33				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							

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COMPLETION DEPTH 3.7 m		COMPLETE 78/08/15
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00555L
REPORT: DHC-038

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~58.3~~ 55.5 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~05637001~~ 0555T001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7142620 E628100	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - gravelly, some sand, some clay	
			GRAVEL (GW) - sandy, trace of silt, fine to medium gravel up to 75mm dia.	
1.0				
		1	- occasional lenses of very moist clay	GW
2.0				
3.0				
			END OF TEST PIT AT 3.4m - excavated in the middle of existing pit 30m left of highway at km 56.6	
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

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COMPLETION DEPTH 3.4 m		COMPLETE 74/11/05
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE : 055551
REPORT : DHC-056

556

0555T061

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~56~~.3 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0563T084~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7142620 E628100	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 61	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 clay, cobbles and boulders throughout	
1.0	■	2		GP
			END OF TEST PIT AT 1.5m - at M.P. 35 on left side of highway	
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

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COMPLETION DEPTH 1.5 m		COMPLETE 78/08/15
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0055.SL
REPORT: DHC-056

555

0555T062

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~56.3~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~05637062~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7142620 E628100	Project No: 0201 – 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 62	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) – sandy, trace of silt, cobbles and boulders throughout	
1.0				
2.0	■	1		GP
3.0				
			END OF TEST PIT AT 3.7m – at M.P. 35 on left side 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/08/15
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0055.5L
REPORT: DHC-056

55.5

0555T003

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~58.5~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0563T080~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7142770 E628400	Project No: 0201 – 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 63	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 COVER ICE and SILT END OF TEST PIT AT 0.3m – at M.P. 35 + 200ft. on left of highway				0.0
1.0							2.0
							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							
10.0							

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COMPLETION DEPTH 0.3 m		COMPLETE 78/08/15
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0055.SL
REPORT: DHC-056

555

0555T064

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 56.3 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 0563T064
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7142770 E628400	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 64	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - gravelly, some sand, some clay occasional cobble	
			GRAVEL (GP) - some sand to sandy, trace of silt, cobbles and boulders throughout	
2.0	■	1		GP
3.0			END OF TEST PIT AT 3.0m - at M.P.35 + 200ft. on left side 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

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Whitehorse, Yukon

COMPLETION DEPTH 3.0 m		COMPLETE 78/08/15
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE : 0555L
REPORT : DHC-056

555

0555T065

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~58.3~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~05637065~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7142770 E628400	Project No: 0201 – 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 65	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – some sand, some clay	
1.0			SILT (ML) – gravelly, some sand, some clay	
2.0			END OF TEST PIT AT 2.4m – at M.P. 35 + 200ft. 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

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COMPLETION DEPTH 2.4 m		COMPLETE 78/08/15
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: GO58,0 B
REPORT: DHC-056

580

0580T066

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~57.7~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. 05777066
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7143750 E629070	Project No: 0201 – 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 66	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – gravelly, some sand, some clay occasional cobble	
1.0			GRAVEL (GP) – some sand, trace of silt, cobbles and boulders throughout	
2.0	■	1	– shale fragments present	GP
3.0				
4.0			END OF TEST PIT AT 3.7m – STA 1890+00 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/08/16
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0058.08
REPORT: DHC-056

580

0580T067

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~57.7~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0577T067~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7143750 E629070	Project No: 0201 – 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 67	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – gravelly, some sand, some clay occasional cobble	
1.0			GRAVEL (GP) – some sand, trace of silt, cobbles and boulders throughout	
2.0	■	1	– some shale fragments present	GP
3.0				
4.0			END OF TEST PIT AT 3.7m – STA 1892+00 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

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Whitehorse, Yukon

COMPLETION DEPTH 3.7 m		COMPLETE 78/08/16
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0058.0 B
REPORT: DHC-056

560 058OT068

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~67.7~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~05777068~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7143750 E629070	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 68	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ▨ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - gravelly, some sand, some clay occasional cobble	
			GRAVEL (GP) - sandy, trace of silt, cobble and boulders throughout	
1.0				
	■	1	- shale fragments present	GP
2.0				
3.0	■	2	- slightly dirtier below 3.0m	GP
			END OF TEST PIT AT 3.7m - STA 1892+00 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/08/16
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0058.0B
REPORT: DHC-056

58.0 → 0580T069

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~57.7~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0577T069~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7143750 E629070	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 69	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - gravelly, some sand, some clay occasional cobble	
1.0	■	1	GRAVEL (GP) - sandy, trace of silt, trace of silt, cobbles and boulders throughout, shale fragments present	GP-GM
			- becomes finer with higher silt content below 1.5m	
2.0	■	2		GM
3.0				
4.0			END OF TEST PIT AT 3.7m - STA 1892+00 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/08/16
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE : 0058.0B
REPORT : DHC-038

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 58.0/YUKON, LEFT OF HIGHWAY	BOREHOLE No. 05807001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7144000 E629300	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - TP-1	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 (ML) - sandy, trace of clay	GM
1.0			GRAVEL (GM) - sandy, some silt, cobbles and boulders up to 450mm dia. throughout - finer from 0.7 - 1.0m becoming coarser below 1.0m	
2.0				
			END OF TEST PIT AT 2.5m	
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

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COMPLETION DEPTH 2.5 m		COMPLETE 74/11/05
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00580B
REPORT: DHC-038

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 58.0 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 05807002
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7144000 E629300	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - TP-2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ▨ NO RECOVERY ▩ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - gravelly, some sand, occasional cobble	
			GRAVEL (GW-GM) - sandy, trace of silt, cobbles and boulders up to 375mm dia. throughout test pit	
1.0		1		GW-GM
			- estimate 15% > 100mm dia.	
2.0				
			END OF TEST PIT AT 2.5m	
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

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COMPLETION DEPTH 2.5 m		COMPLETE 74/11/04
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00580B
REPORT: DHC-038

58.0

05801001 1A

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~58.6~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~05867001~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7144800 E629750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – TP-1	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) – sandy, some silt, cobbles and boulders up to 300mm dia. throughout	GM
2.5			END OF TEST PIT AT 2.5m – excavated in clearing 30m left 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

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COMPLETION DEPTH 2.5 m | COMPLETE 74/10/24
LOGGED BY | DWG NO. | Page 1 of 1

SOURCE: 00580 B
REPORT: DHC-038

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~68.6~~ 58.0 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~05867002~~ 00580T002
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7144800 E629750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - TP-2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0	■		150mm MOSS COVER	
	■		GRAVEL (GW-GM) - sandy, trace of silt, occasional cobble	
1.0	■	1	- becomes coarser below 0.8m with cobbles and boulders up to 250mm dia.	GW-GM
2.0			END OF TEST PIT AT 2.5m - excavated in clearing 150m left 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

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COMPLETION DEPTH 2.5 m		COMPLETE 74/10/24
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0058.0B
REPORT: DHC-056

~~580~~ 0580T070

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~58.6~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. 05867070
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7144800 E629750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 70	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GW–GM) – sandy, some silt, occasional cobble or boulder	
2.0	■	1		GW–GM
3.0			SILT (ML) – some clay, some sand	
			END OF TEST PIT AT 3.0m – old M.P. 37	

PLASTIC — M.C. — LIQUID (20 40 60 80)

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

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

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COMPLETION DEPTH 3.0 m		COMPLETE 78/08/16
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00580 B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~58.6~~ 580 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~05867071~~ 0580T071
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7144800 E629750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 71	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – some clay, some sand	
1.0			GRAVEL (GP–GM) – sandy, trace of silt, occasional cobble or boulder	
2.0	■	1		GP–GM
3.0	■			
4.0			END OF TEST PIT AT 3.7m – old M.P. 37	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/08/24
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00580 B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~58.6~~ 58.0 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0586707~~ 0580702
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7144800 E629750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 72	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 and boulders throughout	
1.0				
2.0	■	1		GP
3.0			– very wet below 2.7m	
4.0			END OF TEST PIT AT 3.7m – old M.P. 37	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/08/24
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0058.0B
REPORT: DHC-[redacted] 038

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~59.0~~ 58.0 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0590B074~~ 0580B074
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7145200 E629500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER -1-74	ELEVATION 0.000 (m)

SAMPLE TYPE: GRAB | NO RECOVERY | SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORANICS and ORGANIC SILT (OL) – some gravel rootlets throughout	
1.0			SAND and GRAVEL (SM) – some silt, cobbles and boulders throughout, moist to wet below 6.1m, medium to dark brown	
3.0	SPLIT SPOON	1	– 3.0 – 3.5m – some fine grained sand pockets, reddish brown	SM
4.5	SPLIT SPOON	2	– 4.5 – 5.0m – predominantely fine gravel	SM
6.0	SPLIT SPOON	3	– 6.0 – 6.5m – 25mm of silty sand over 100mm of reddish brown medium grain sand, over fragments of a slightly weathered granite boulder	GW/GM
7.5	SPLIT SPOON	4	– 7.5 – 8.0m – medium to dark brown silty sand with gravel	SM
9.0	SPLIT SPOON	5	– 9.0 – 9.5m – medium brown sand with gravel with lenses of reddish brown sand	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 74/10/
	LOGGED BY PA	DWG NO.

SOURCE: 00580B
REPORT: DHC-038

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~59.0~~ 58.0 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0590B074~~ 0580B074
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7145200 E629500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER -1-74	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
11.0			END OF BOREHOLE AT 11.1m – drilled along left shoulder of proposed location of highway				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

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Whitehorse, Yukon

COMPLETION DEPTH 11.0 m		COMPLETE 74/10/
LOGGED BY PA	DWG NO.	Page 2 of 2

SOURCE: 05580B
REPORT: DTC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~59.0~~ 580 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0590T073~~ 0580T073
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7145150 E630070	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 73	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – gravelly, some sand, some clay	
			GRAVEL (GP) – some sand, trace of silt, cobbles and boulders throughout	
1.0				
2.0	■	1		GP
			END OF TEST PIT 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

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COMPLETION DEPTH 2.7 m		COMPLETE 78/08/24
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE : 60580 B
REPORT : DHG-056

580

0580T074

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~60.2~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 0602T074
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7128520 E630800	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 74	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) - sandy, trace of silt, cobble and boulders throughout	
1.0	■	1	- shale fragments present	GP
2.0			END OF TEST PIT AT 2.1m - STA 1974+00 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

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COMPLETION DEPTH 2.1 m		COMPLETE 78/08/24
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00624 L
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~62.9~~ 62.4 YUKON	BOREHOLE No. ~~0629T075~~ 0624T075
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7148120 E630640	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 75	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, cobbles and boulders throughout, very coarse	
1.0				
2.0	■	1		GP
3.0			END OF TEST PIT AT 2.7m – hole sloughing badly – STA 2062T00	
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

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COMPLETION DEPTH 2.7 m	COMPLETE 78/08/25
LOGGED BY	DWG NO.

SOURCE: 0062.4L
REPORT: DHC-056

0624 T076

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~62.9~~ 62.4 YUKON	BOREHOLE No. ~~06297076~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7148120 E630640	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 76	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP-GM) – some sand, trace of silt, cobbles and boulders throughout	
1.0	■	1		GP-GM
2.0			END OF TEST PIT AT 1.8m – STA 2062+00	
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

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COMPLETION DEPTH 1.8 m		COMPLETE 78/08/25
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0066.5 R
REPORT: DAC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~67.1~~ 66.5 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0671T077~~ 0665T077
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151250 E634550	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 77	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			GRAVEL (GP/GM) - some sand, trace of silt, cobbles and boulders throughout, coarse				0.0
1.0							2.0
							4.0
2.0	GRAB	1		GP/GM		▲ ● ■	6.0
							8.0
			END OF TEST PIT AT 2.7m - STA 2200T00 on right of highway				
3.0							10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.7 m	COMPLETE 78/08/25	
	LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0066.SR
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~67.1~~ 66.5 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0671T078~~ 0665T078
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151450 E634600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 78	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			GRAVEL (GP) - some sand, trace of silt, cobbles and boulders throughout, coarse				0.0
1.0	GRAB	1		GP		▲ ● ■	2.0, 4.0, 6.0
2.0			END OF TEST PIT AT 2.1m - STA 2210T00 (km 67.4) on right of highway				8.0
3.0							10.0
4.0							12.0, 14.0
5.0							16.0, 18.0
6.0							20.0
7.0							22.0, 24.0
8.0							26.0, 28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.1 m	COMPLETE 78/08/25
	LOGGED BY	DWG NO.

SOURCE: 0066.5R
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~67~~ 66.5.1 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0671T079~~ 0665T079
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151650 E634600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 79	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			GRAVEL (GP) – some sand, trace of silt, cobbles and boulders throughout, very coarse				0.0
1.0	GRAB	1		GP		▲ ● ■	2.0, 4.0
2.0			END OF TEST PIT AT 1.8m – STA 2219T00 (km 67.6) on right of highway				6.0, 8.0
3.0							10.0
4.0							12.0, 14.0
5.0							16.0, 18.0
6.0							20.0
7.0							22.0, 24.0
8.0							26.0, 28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.8 m	COMPLETE 78/08/25	
	LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 06666B
REPORT : DHC 042

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~66.0~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0680B006~~ 06666B006
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151500 E634500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-6	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, some clay, trace of gravel	
1.0			SAND (SM) - gravelly, some silt, trace of clay, cobbles and boulders throughout	
2.0				
3.0	■	1		SM
			- refusal of boulder	
4.0			END OF BOREHOLE AT 3.8m - M.P. 42.8 - STA 2206+36 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 3.8 m		COMPLETE 77/07/07
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 0066686B

REPORT: DHC[redacted]-042

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~68.0~~ 66.0 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0680B007~~ 0666B007
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151500 E634500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-7	ELEVATION 0.000 (m)

SAMPLE TYPE: GRAB | NO RECOVERY | SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0		1	SAND (SM) - some silt, trace of clay, trace of gravel, trace organics	SM
			SILT (ML) - sandy, some clay	
1.0		2	GRAVEL and SAND (GW-GM) - trace of silt	GW-GM
			SAND and GRAVEL (SW-SM) - trace of silt, coarse with cobbles throughout	
2.0		3	- refusal at 2.5m	SW-SM
			END OF BOREHOLE AT 2.5m	
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 2.5 m		COMPLETE 77/07/07
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 0066.6 B
REPORT: DHC - ~~008~~ 042

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~68.0~~ 66.6 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0680B008~~ 0666B008
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151500 E634500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-8	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 ■ (20 40 60 80) / ● PERCENT SAND ● (20 40 60 80) / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND (SM) - silty, trace clay, trace organics				0.0
			SAND (SM) - gravelly, some silt, trace of clay				2.0
1.0							4.0
			SAND and GRAVEL (SP-SM) - trace of silt, cobbles and boulders throughout, coarse				6.0
2.0		1		SP-SM	●	▲ ■ ●	8.0
			- refusal on boulders at 2.9m				
3.0			END OF BOREHOLE AT 2.9m - M.P. 42.8 - STA 2206+50 on left of highway				10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.9 m	COMPLETE 77/07/07
	LOGGED BY DA	DWG NO.
		Page 1 of 1

SOURCE: 0066.6B
REPORT: DHC-~~[illegible]~~ 042

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~68.0~~ 66.6 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0680B018~~ 0666B013
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151500 E634500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-13	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 (SP-SM) - some gravel, trace of silt, cobbles and boulders on surface, numerous cobbles throughout				0.0
1.0							2.0, 4.0
2.0	GRAB	1	- refusal on boulders at 2.7m	SP-SM			6.0, 8.0
			END OF BOREHOLE AT 2.7m - M.P. 42.8 - STA 2206+75 on left of highway				
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
8.0							26.0, 28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.7 m	COMPLETE 77/07/07	
	LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 0066.6B
REPORT: DHC-~~[illegible]~~ 042

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~68.0~~ 66.6 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0680B025~~ 0666B025
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151500 E634500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-25	ELEVATION 0.000 (m)

SAMPLE TYPE: GRAB | NO RECOVERY | SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL) - some sand, trace of silt and fine gravel, fibrous organics	
			GRAVEL and SAND (GP-GM) - some silt, coarse gravel, cobbles and boulders throughout high sand and silt content	
1.0				
2.0				
	GRAB	1		GP-GM
3.0				
			- coarser below 3.7m, becoming siltier	
4.0				
5.0				
6.0			- mostly fine gravel	
			SILT - sandy to some sand, some clay, trace of fine gravel	
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 12.2 m	COMPLETE 77/07/11
	LOGGED BY DA	DWG NO.

SOURCE: 0066.6B
REPORT: DHC-~~[illegible]~~042

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~68.0~~ 66.6 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0680B025~~ 0666B025
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151500 E634500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-25	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
11.0	GRAB	2		SM	●	■ ▲ ●	36.0
							38.0
12.0			END OF BOREHOLE AT 12.2m - M.P. 42.8 - STA 2203T50 on left of highway				40.0
13.0							42.0
							44.0
14.0							46.0
							48.0
15.0							50.0
16.0							52.0
							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 12.2 m	COMPLETE 77/07/11
	LOGGED BY DA	DWG NO.

SOURCE : 0066.6B
REPORT : DHC-~~[illegible]~~ 042

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~68.0~~ 66.6 YUKON	BOREHOLE No. ~~0680B030~~ 0666B030
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151500 E634500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-30	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 (SM) - gravelly, silty, trace of clay occasional cobble and boulder				0.0
1.0							2.0
2.0							4.0
							6.0
	GRAB	1		SM	●	■ ▲ ●	8.0
3.0							10.0
							12.0
4.0			- possible permafrost - refusal on boulder at 4.1m				
			END OF BOREHOLE AT 4.1m - M.P. 42.8 - STA 2194+00 on centerline of highway				14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.1 m	COMPLETE 77/07/11	
	LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE : 0066.6B
REPORT : DHC-042

66.6

0666 B031

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 66.0 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 0680D031
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151500 E634500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-31	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL, SILT and SAND (GM) - some to trace of clay, fine to medium coarse gravel	
	■	1		SM
1.0				
2.0	■	2		GM
			- possible permafrost at 2.4m - refusal at 2.4m	
			END OF BOREHOLE AT 2.4m - STA 2195T40 on left 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 77/07/11
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 00666 B

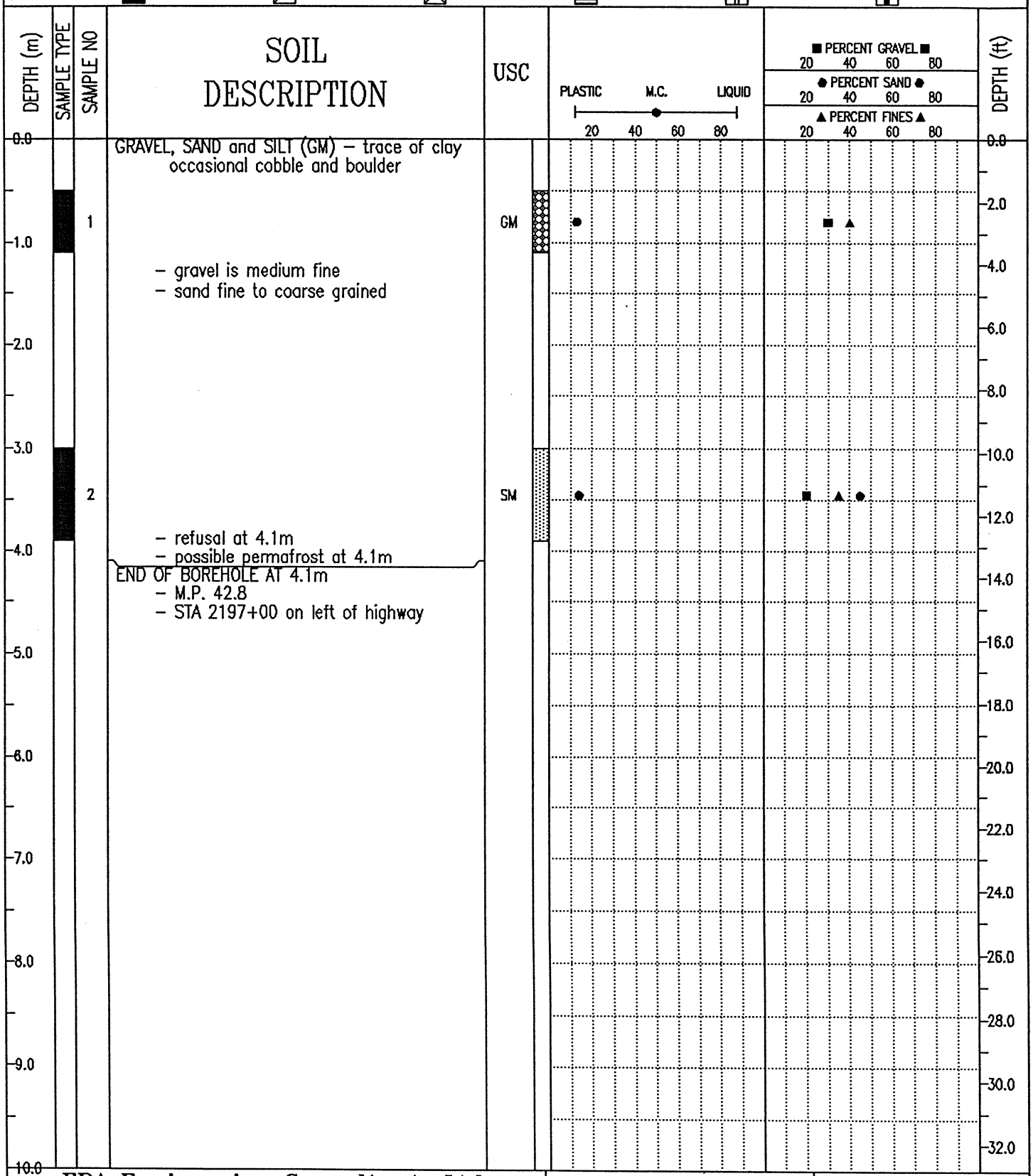
REPORT: DHC-[redacted] 042

66.6

0666 B032

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~68.0~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0680B002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151500 E634500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 77-32	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON



GRAVEL, SAND and SILT (GM) – trace of clay
occasional cobble and boulder

– gravel is medium fine
– sand fine to coarse grained

– refusal at 4.1m
– possible permafrost at 4.1m

END OF BOREHOLE AT 4.1m
– M.P. 42.8
– STA 2197+00 on left of highway

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.1 m	COMPLETE 77/07/11
	LOGGED BY DA	DWG NO.
		Page 1 of 1

SOURCE: 0066.6 B
REPORT: DHC - ~~[illegible]~~ 042

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~68.0~~ 66.6 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0680B033~~ 0666B033
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151500 E634500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-33	ELEVATION 0.000 (m)

SAMPLE TYPE: GRAB | NO RECOVERY | SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC (OL) - silty, some sand	
1.0			SAND (SM) - silty, gravel, some clay, gravel is fine	
2.0	GRAB	1		SM
			- gravel coarser below 2.7m	
3.0				
			- refusal on possible permafrost	
4.0			END OF BOREHOLE AT 4.0m - M.P. 42.8 - STA 2198+60 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 4.0 m	COMPLETE 77/07/11
	LOGGED BY DA	DWG NO.

SOURCE: 006le.6 B

REPORT: DHC-608

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~66.0~~ 006le YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0680B69~~ 0666B69
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151500 E634500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-2-1	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) - gravelly, some silt, cobbles and boulders up to 600mm dia., sands fine grained, grey	
1.0			- trace of organics between .08 to .9	
2.0			GRAVEL (GP-GM) - sandy, trace to some silt quite coarse, angular	
3.0				
4.0			- temporary loss of water at 4.3m	
5.0				
6.0			END OF BOREHOLE AT 6.1m - MP 42.8 - STA 2204T00 on 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 6.1 m		COMPLETE 69/06/09
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE : 00 66 16 B

REPORT : DHC-008

66/16 — 06606B692

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~68.0~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 06606B692
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151500 E634500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-2-2	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 ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SAND (SW-SM) - gravelly, some silt, trace of organics from 0.0 - 0.9m, cobbles throughout, gravel is angular, grey				0.0
1.0							2.0
							4.0
2.0			GRAVEL (GP-GM) - sandy, trace to some silt coarse, angular, black				6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
			- boulders to 300mm dia. below 4.6m				
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			- very compact (est.) below 9.1m				
							32.0
10.0							

EBA Engineering Consultants Ltd.
Whitehorse, Yukon

COMPLETION DEPTH 12.0 m		COMPLETE 69/08/12
LOGGED BY	DWG NO.	Page 1 of 2

SOURCE: 06666B
REPORT: DHC-008

06666 06666B692

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~66.0~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 0680B692
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151500 E634500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-2-2	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
11.0							36.0
							38.0
12.0			END OF BOREHOLE AT 12.0m - M.P. 42.8 - STA 2204T00 on right of highway				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 12.0 m		COMPLETE 69/06/12
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE: 0066.6 B
REPORT: DHC-008

DEMPSTER CORRIDOR	SOURCE: KM ~~68~~ 66.6 .0 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0680B693~~ 0666B693
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151500 E634500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-2-3	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			SAND (SW-SM) - gravelly, some silt, trace of organics from 0.0 - 0.1m, cobbles throughout, grey				0.0
1.0							2.0, 4.0
			GRAVEL (GP-GM) - sandy, trace of silt, cobbles throughout, coarse, angular, black				
2.0							6.0, 8.0
3.0							10.0, 12.0
4.0			- very hard drilling throughout				14.0
5.0							16.0, 18.0
6.0							20.0, 22.0
7.0							24.0
8.0							26.0, 28.0
9.0			- occasional boulder up to 250mm dia - interbedded coarse and fine lenses, dense from 9.1 to 12.2m				30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 15.5 m	COMPLETE 69/06/21	
	LOGGED BY	DWG NO.	Page 1 of 2

SOURCE: 006666B
REPORT: DHC-008

DEMPSTER CORRIDOR	SOURCE: KM ~~66.0~~ 66.6 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0680693~~ 666B693
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151500 E634500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-2-3	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							34.0
11.0							36.0
12.0							38.0
13.0							40.0
14.0							42.0
15.0							44.0
16.0			END OF BOREHOLE 15.5m - M.P. 42.8 - STA 2205T00 on right of highway				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

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Whitehorse, Yukon

COMPLETION DEPTH 15.5 m		COMPLETE 69/06/21
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE: 00666B
REPORT: DHG-008

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~68.0~~ 66.6 YUKON	BOREHOLE No. ~~0680B741~~ 0666B741
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151500 E634500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 74-1	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, some silt, cobbles and boulders throughout	
1.0				
		1	GRAVEL and SAND (GW-GM) - trace to some silt, angular to rounded, moist to wet, black with lenses of reddish sand	GP
2.0				
3.0		2		GW-GM
4.0				
		3		GW-GM
5.0				
6.0		4		SM
7.0				
		5		GM
8.0				
9.0		6	SAND (SM) - some gravel, some silt, wet, black	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 18.7 m	COMPLETE 74/10/15
	LOGGED BY	DWG NO.

SOURCE: 0066.6B
REPORT: DHC-608

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~68.0~~ 66.6 YUKON	BOREHOLE No. ~~0680B741~~ 0666B741
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7151500 E634500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 74-1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
10.0				
		7		SM
11.0				
12.0		8	SAND (SM) – some silt, trace of gravel, black – permafrost from 11.7m – Nbn, Vr	SM
13.0				
		9		SM
14.0				
15.0		10		SM
16.0				
17.0		11		SM
18.0		12		SM
19.0			END OF BOREHOLE AT 18.7m – M.P. 42.8 – STATION 2204T67 (approx.) along new highway alignment	
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

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COMPLETION DEPTH 18.7 m		COMPLETE 74/10/15
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE: 0071.4L

REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~70.7~~ 71.4 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~07077080~~ 0714T080
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7155100 E633750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 80	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – some sand, some clay – becomes gravelly with occasional cobbles below 0.2m	
1.0	■	1	GRAVEL (GP-GM) – sandy, trace of silt, cobbles and boulders throughout	GP-GM
4.0			END OF TEST PIT AT 3.7m	
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

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Whitehorse, Yukon

COMPLETION DEPTH 3.7 m	COMPLETE 78/08/28
LOGGED BY	DWG NO.

SOURCE : 0071.4L
REPORT : DHC-056

71.4

0714T081

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~20.7~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. 0707T081
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7155100 E633750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 81	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – gravelly, some sand, some clay occasional cobble	
1.0			GRAVEL (GP–GM) – sandy, some silt, occasional cobbles and boulders	
2.0	■	1		GP–GM
3.0			END OF TEST PIT 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

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COMPLETION DEPTH 3.0 m		COMPLETE 78/08/28
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0071.4L
REPORT: DHC057

7/4

0714TO82

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 78.7 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 07077082
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7155100 E633750	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 82	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GW-GM) - sandy, trace of silt, shale fragments, cobbles and boulders throughout	
1.0	■	1		GW-GM
2.0			- becomes coarser below 1.8m	
3.0	■	2		GP-GM
4.0			END OF TEST PIT AT 3.7m	
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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/08/28
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0077.3R
REPORT: DHC-056

77.3

0773T084

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~77.8~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0778T084~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7160450 E632870	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 84	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 - sandy, trace of silt, shale fragments, cobbles and boulders throughout				0.0
1.0		1		GM-GW			4.0
2.0			END OF TEST PIT AT 1.8m				6.0
3.0							10.0
4.0							14.0
5.0							16.0
6.0							20.0
7.0							24.0
8.0							26.0
9.0							28.0
10.0							32.0

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COMPLETION DEPTH 1.8 m		COMPLETE 78/08/28
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: OOD.2 > R
REPORT - DHC-056

79.2

0792T083

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~78.9~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0789T088~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7161250 E632450	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 83	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 (SM) - gravelly, some silt				0.0
							2.0
1.0			NOTE: - existing pit at M.P. 49 - no excavation below the pit floor - sample excavated off wall				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							

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COMPLETION DEPTH 1.0 m		COMPLETE 78/08/28
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0086.0R
REPORT 2M DHG-056

~~81.0~~

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~81.0~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 0810T086
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7163370 E631980	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 86	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - gravelly, some sand, some clay	
			GRAVEL and SAND (GM-GW) - trace of silt, some shale fragments and occasional cobbles throughout, medium to fine	
1.0	■	1		GW-GM
2.0				
			- water at 3.0m upon completion	
3.0			END OF TEST PIT AT 3.0m - STA 2659T00 on right 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

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COMPLETION DEPTH 3.0 m		COMPLETE 78/08/28
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE : 0081.0 R
REPORT - DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 81.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 0810T087
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7163370 E631980	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 87	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 - some gravel, some sand, some clay				0.0
1.0							2.0
							4.0
2.0			- finer with no gravel below 1.8m - becomes very wet				6.0
							8.0
			END OF TEST PIT AT 2.4m No Sample Taken				
3.0							10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							

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Whitehorse, Yukon

COMPLETION DEPTH 2.4 m		COMPLETE 78/08/29
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0081.0R
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 81.0 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 08107088
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7163470 E631980	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 88	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GM-GP) - some sand, trace of silt, occasional cobbles and boulders	
1.0				
2.0	■	1		GP-GM
			END OF TEST PIT 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

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Whitehorse, Yukon

COMPLETION DEPTH 2.4 m		COMPLETE 79/09/06
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00840R
REPORT: DHC-056

0840T085

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~82.3~~ 840 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 08237085
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7164210 E631360	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 85	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GM) - sandy, some silt, trace of clay	
1.0	■	1		GM
2.0				
			SILT (ML) - some sand, some clay	
3.0				
			END OF TEST PIT AT 3.7m	
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 3.7 m		COMPLETE 78/08/28
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00840R
REPORT: DHC-056
0840T089

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~83.2~~ 84.8 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 0832T089
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7164790 E630650	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 89	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GM–GP) – sandy, trace of silt, occasional cobbles and boulders	
1.0				
2.0	■	1		GP–GM
3.0			END OF TEST PIT AT 3.3m – STA 2730+00 on right 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 3.3 m		COMPLETE 78/09/06
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0084.0 R
REPORT: DHC-056

84.0

0840T090

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 88.2 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 0832T090
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7164590 E630450	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 90	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT and GRAVELS (GM) - cobbles and boulders up to 600mm diameter	
1.0				
2.0			END OF TEST PIT AT 1.8m - STA 2740+00 on right of highway - no sample taken	
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 78/09/06
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0084.0 R
REPORT: DAC-056

84.0

0840T091

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~88.2~~ YUKON,	BOREHOLE No. 0832T091
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7164590 E630450	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 91	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP-GM) - some sand, trace of silt, cobbles and boulders throughout	
1.0	■	1		GP-GM
2.0			END OF TEST PIT AT 1.8m - at MP 52 at GSC marker	
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

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Whitehorse, Yukon

COMPLETION DEPTH 1.8 m		COMPLETE 78/09/06
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE : 0084.0R
REPORT : DHC-056

84.0 0840T092

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~84.5~~ YUKON	BOREHOLE No. 0845T092
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7165550 E629750	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 92	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP-GM) - sandy, some silt, occasional cobble and boulder	
2.0	■	1		GP-GM
3.0			END OF TEST PIT AT 3.7m - STA unknown	
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

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Whitehorse, Yukon

COMPLETION DEPTH 3.7 m		COMPLETE 78/09/07
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0084.0R
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~85.3~~ 84.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0853B001~~ 0840B001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7166040 E629230	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 ■ (20 40 60 80) / ● PERCENT SAND ● (20 40 60 80) / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT (ML) - some sand, some clay, organics throughout				0.0
			SAND (SM) - gravelly, silty, occasional cobbles and boulders				2.0
1.0							4.0
2.0							6.0
							8.0
3.0							10.0
		1		SM			
			- visible ice below 3.7m				12.0
4.0							14.0
			END OF BOREHOLE AT 4.5m - drilled 25m above existing pit on side 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
							32.0
10.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.5 m	COMPLETE 78/09/07
	LOGGED BY	DWG NO.
		Page 1 of 1

SOURCE: 0084.0R
REPORT: DHC-056

840

0840B002

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~85.3~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0853B002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7166040 E629230	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)	
			SAND (SM) - gravelly, some silt, occasional cobbles and boulders	
1.0				
2.0				
	■	1		SM
3.0			- visible ice below 3.0m	
4.0				
			END OF BOREHOLE AT 4.5m - 15m NE of existing pit 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

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Whitehorse, Yukon

COMPLETION DEPTH 4.5 m		COMPLETE 78/09/07
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE : 0084OR
REPORT : DHC-054

840

0840T093

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 85.3 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 0853T093
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7166040 E629230	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 93	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GM) - some sand, some silt, trace clay	
1.0				
2.0	■	1		GM
3.0			END OF TEST PIT AT 3.0m - MP 53	
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

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COMPLETION DEPTH 3.0 m		COMPLETE 78/09/07
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0084.0 R
REPORT: DHC-056

840 0840T094

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 85.8 YUKON, LEFT OF HIGHWAY	BOREHOLE No. 0858T094
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7166360 E628820	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 94	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) – sandy, trace of silt, cobble and boulders up to 450mm diameter	
1.0				
2.0	■	1		GP
3.0			END OF TEST PIT AT 3.0m – STA 2790+00 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

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COMPLETION DEPTH 3.0 m		COMPLETE 78/09/07
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00860 B

REPORT : DHC-006

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ 860 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0870D001~~ 0860 B001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ▨ NO RECOVERY ▩ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC PEAT (PT)	
			SAND (SM) - some silt, some clay, trace of gravel	
1.0	■	1	SAND (SM) - silty, some gravel, trace of clay	SM
2.0			SILT (SM) - sandy, some clay	
	■	2	- 50mm ice lenses at 2.3m, and 3.2m	ML
3.0				
4.0			GRAVEL (GM) - sandy, some silt	
			END OF BOREHOLE AT 4.0m - MP 53.8 - STA 398+00 on right of new highway alignment	
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

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COMPLETION DEPTH 4.0 m		COMPLETE 77/07/13
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 0860B
REPORT: DHC-006

860

0860 B002

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 0870B002
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 77-2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC PEAT (PT)	
			ORGANIC (OL)	
			ORGANIC ICE	
1.0	■	1	SAND (SM) – some silt, some clay, trace of gravel	SM
2.0			SAND (SM) – silty, some gravel	
3.0			SAND (SM) – gravelly, some silt	
4.0			END OF BOREHOLE AT 3.8m – MP 53.8 – STA 396+40 on right of new alignment	
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

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COMPLETION DEPTH 3.8 m		COMPLETE 77/07/13
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 00860B
REPORT: DHC-006

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ 860 YUKON, ON HIGHWAY	BOREHOLE No. 0870B003 ~~00860B003~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-3	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			ORGANIC PEAT (PT)				0.0
			ORGANIC SILT (OL)				
			ICE				2.0
1.0			SAND (SM) - gravelly, some silt, frozen with visible ice				4.0
2.0							6.0
							8.0
3.0			END OF BOREHOLE AT 3.1m - MP 53.8 - STA 394+00 on centerline of new alignment				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							

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COMPLETION DEPTH 3.1 m		COMPLETE 77/07/13
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE : 0086.0B
REPORT : DAC-006

86.0 0860B004

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 0870B004
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 77-4	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC PEAT (PT)	
			ICE	
	■	1	SAND (SM) – silty, some clay, some gravel	SM-ML
1.0			– less silt and clay below 0.9m	
	■	1	SAND (SM) – gravelly, some silt, coarser with depth	SM
2.0			– refusal at 1.8m on coarse gravel	
			END OF BOREHOLE AT 1.8m	
			– MP 53.8	
			– STA 393+25 on centerline of new alignment	
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

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COMPLETION DEPTH 1.8 m		COMPLETE 77/07/13
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE : 0086.03
REPORT : DHC-006

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ 860 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0870B005~~ 0860B005
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 77-5	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – trace of organics	
	■	1	SILT (ML) – sandy, some clay, frozen	ML
1.0			SAND and GRAVEL (SM) – some silt	
			END OF BOREHOLE AT 1.6m – MP 53.8 – STA 392+80, 2m left of highway	
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

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COMPLETION DEPTH 1.6 m		COMPLETE 77/07/13
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 0086.0B
REPORT: DHC-006

860

0860 B006

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0870B006~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-6	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)	
			SILT and SAND (SM) - trace of organics	
1.0	■	1	SAND and GRAVEL (SM) - some silt	SM
			END OF BOREHOLE AT 1.5m - MP 53.8 - STA 392+80, 9m left of highway	
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

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COMPLETION DEPTH 1.5 m		COMPLETE 77/07/13
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 0086.0 B

REPORT: DHC-006

860

0860B007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0870B007~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-7	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 and SAND (SM)				
			– visible ice below 0.8m				2.0
1.0							4.0
			GRAVEL and SAND (SM) – some silt				
			END OF BOREHOLE AT 1.8m				6.0
2.0			– MP 53.8				8.0
			– STA 392+45, 8m left of highway				
3.0							10.0
							12.0
4.0							
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
							30.0
9.0							32.0
10.0							

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COMPLETION DEPTH 1.8 m		COMPLETE 77/07/13
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE 0086.0 B
REPORT : DHC-006

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ 86.0 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0870B008~~ 0860B008
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 77-8	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) – some sand	
			SILT and SAND (SM)	
1.0			SAND (SM) – gravelly, some silt – frozen below 1.0m	
2.0			END OF BOREHOLE AT 1.6m – MP 53.8 – STA 392+40 on centerline of new alignment	
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

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COMPLETION DEPTH 1.6 m		COMPLETE 77/07/13
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 00860B
REPORT: DHC-006

86.0

0860B009

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0B76B009~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-9	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 (SM) - silty, some gravel				0.0
1.0			SAND and SILT (SM) - gravelly				2.0
			SAND (SM) - gravelly, some silt				4.0
2.0			GRAVEL and SAND (GW-GM) - some silt - refusal on cobbles and coarse gravel				6.0
			END OF BOREHOLE AT 2.3m - MP 53.8 - STA 391+00 on center line of new alignment				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							

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COMPLETION DEPTH 2.3 m		COMPLETE 77/07/13
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 0086.0 B
REPORT: DHC-006
0860B010

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ 86.0 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0870B010~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-10	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 (SM) - silty, some gravel, trace of clay				0.0
1.0							2.0
							4.0
			GRAVEL, SAND, SILT, MIXTURE - trace clay, frozen				6.0
2.0							8.0
3.0			END OF BOREHOLE AT 3.0m - MP 53.8 - STA 392+60 on center line of new alignment				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.0 m	COMPLETE 77/07/13
	LOGGED BY DA	DWG NO.

SOURCE: 0860 B
REPORT: DHC-056

0860 B012

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ 86.0 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0870B012~~ 0860B012
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 77-12	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, SAND, CLAY MIXTURE – frozen	
1.0	■	1	SAND (SM) – silty, some gravel, trace clay, frozen	SM
			SAND (SM) – gravelly, some silt, some clay	
2.0	■	2		SM
3.0			– refusal at 3.4m on coarse gravel	
			END OF BOREHOLE AT 3.4m – STA 390+00, 10m right 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

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Whitehorse, Yukon

COMPLETION DEPTH 3.4 m		COMPLETE 77/07/14
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE : 0086.03
REPORT : DHC-006

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ 86.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0870B542~~ 0860B542
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 542	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC OVERBURDEN (OL)	
	■	1	GRAVEL (GW-GM) - sandy, trace of silt, cobbles and boulders throughout, frozen	GW-GM
1.0				
			- refusal at 1.8m	
2.0			END OF BOREHOLE AT 1.8m - MP 53.9 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, 25.0, 28.0, 30.0, 32.0

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COMPLETION DEPTH 1.8 m		COMPLETE 69/07/00
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE : 00860B
REPORT : DHC-006

860

0860B543

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0870B543~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 543	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			ROAD FILL – GRAVEL (GW–GM) – sandy, trace of silt, cobbles throughout				0.0
1.0							2.0
							4.0
2.0							6.0
			GRAVEL (GW–GM) – sandy, trace of silt, cobbles and boulders throughout				8.0
3.0							10.0
			– refusal at 3.7m				12.0
4.0			END OF BOREHOLE AT 3.7m – right shoulder of previous alignment at STA 410+00				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							

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COMPLETION DEPTH 3.7 m		COMPLETE 69/07/00
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0086.0B
REPORT: DHC-006
86.0
0860B544

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 0870B544
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 544	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC OVERBURDEN (OL)	
			GRAVEL (GW-GM) - sandy, trace of silt, cobbles and boulders throughout	
1.0				
2.0				
3.0				
			- refusal at 4.0m	
4.0			END OF BOREHOLE AT 4.0m - STA 405+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

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COMPLETION DEPTH 4.0 m		COMPLETE 69/07/00
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE ~~DBA~~ 0086.0 B
REPORT DHC-006

860

0860 B691

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0870B691~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-3-1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS over SILT (ML) - sandy, some clay	
			SAND (SM) - silty, some gravel, trace of clay	
1.0			- coarser with cobbles below 1.5m	
2.0				
3.0				
4.0				
5.0				
6.0			GRAVEL (GP-GM) - sandy, some to trace silt dark grey to black	
7.0			- cobbles up to 200mm dia. throughout	
8.0				
9.0			- coarser gravel below 9.0m with boulders up to 900mm dia. throughout	
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

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COMPLETION DEPTH 15.0 m		COMPLETE 69/07/08
LOGGED BY	DWG NO.	Page 1 of 2

SOURCE: 0086.0 B
REPORT: DHC-006

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ 86.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0870B691~~ 0860B691
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-3-1	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 (20 40 60 80) / PERCENT SAND (20 40 60 80) / PERCENT FINES (20 40 60 80)	DEPTH (ft)
10.0							34.0
11.0							36.0
							38.0
12.0							40.0
13.0							42.0
							44.0
14.0							46.0
							48.0
15.0			END OF BOREHOLE AT 15m - STA 391+00 on right of highway - MP 53.8				50.0
16.0							52.0
							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 15.0 m	COMPLETE 69/07/08
	LOGGED BY	DWG NO.

SOURCE: 0086.0B
REPORT: DHC-006

~~86.0~~ 0860B692

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0870B692~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-3-2	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 (ML) - sandy, some clay, frozen	
			SILT (ML) - some sand, some clay, frozen	
1.0			GRAVEL (GP-GM) - sandy, some to trace of silt with depth, dark grey to black, cobbles and boulders to 600mm diameter throughout	
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

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Whitehorse, Yukon

COMPLETION DEPTH 15.0 m		COMPLETE 69/07/10
LOGGED BY	DWG NO.	Page 1 of 2

SOURCE: 0086.0 B
REPORT: DHC-006

86.0 0860B692

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0870B692~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-3-2	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 ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
10.0							34.0
11.0							36.0
12.0							38.0
13.0							40.0
14.0							42.0
15.0			END OF BOREHOLE AT 15.0m - STA 391+00 on right of highway - MP 53.8				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

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COMPLETION DEPTH 15.0 m		COMPLETE 69/07/10
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE : 0086.0B
REPORT : DHC-006

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ 86.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0870B693~~ 0860B693
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 69-3-3	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 and SILT (ML) – sandy, some clay, frozen				0.0
			SILT (ML) – some sand, some clay, frozen				
1.0			SAND (SM) – gravelly, some silt, occasional cobble throughout				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			– coarse with boulders up to 450mm diameter below 6.1m				22.0
							24.0
7.0							26.0
			END OF BOREHOLE AT 7.6m – STA 389+00 on right of highway – MP 53.8				28.0
8.0							30.0
9.0							32.0
10.0							

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COMPLETION DEPTH 7.6 m		COMPLETE 69/07/11
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0086.0
REPORT: DHC-006

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ 86.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0870B694~~ 0860B694
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-3-4	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) – frozen	
			SILT (ML) – some sand, some clay, trace of gravel with occasional cobbles throughout	
1.0				
2.0				
			– becomes coarser below 2.7m with higher percentage of cobbles	
3.0				
4.0				
5.0				
			– boulders up to 450mm diameter below 5.6m	
6.0				
7.0				
			END OF BOREHOLE AT 7.6m – MP 53.8 – STA 386+40 on right of original highway alignment	
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

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COMPLETION DEPTH 7.6 m		COMPLETE 69/07/12
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: [redacted] 00860
REPORT: DAC-006

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ 86.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0870B695~~ 0860B695
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-3-5	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			ORGANIC SILT (OL) – sandy, some clay, frozen				0.0
			– occasional cobble below 0.7m				2.0
1.0							4.0
			SAND (SM) – gravelly, some silt cobble and occasional boulders up to 300mm dia throughout, dark brown				6.0
2.0							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							
			– becoming coarser with boulders up 900mm diameter				
10.0							

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COMPLETION DEPTH 15.0 m		COMPLETE 69/07/14
LOGGED BY	DWG NO.	Page 1 of 2

SOURCE : 00860 B
REPORT : DHC-006

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ 860 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0870B695~~ 0860B695
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-3-5	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)
10.0							34.0
11.0							36.0
12.0							38.0
13.0							40.0
14.0							42.0
15.0			END OF BOREHOLE AT 15.0m - MP 53.8 - STA 392+00				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

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COMPLETION DEPTH 15.0 m		COMPLETE 69/07/14
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE: 0086.0B
REPORT: DHC-006

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ 86.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0870B690~~ 0860B696
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-3-6	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			SAND (SM) - silty, fine grained, uniform				0.0
			SAND (SW-SM) - gravelly, some silt, cobble and boulders up to 450mm diameter throughout				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
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
9.0							32.0
10.0							

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COMPLETION DEPTH 15.6 m		COMPLETE 69/07/17
LOGGED BY	DWG NO.	Page 1 of 2

SOURCE: 0086.0B
REPORT : DHC-006

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ 86.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0870B696~~ 0860B696
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-3-6	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)
~~10.0~~							
			- hard drilling with boulders up to 800mm diameter				
11.0							36.0
12.0							40.0
13.0							42.0
14.0							46.0
15.0							50.0
			END OF BOREHOLE AT 15.6m - STA 392+00 on right of highway - MP 53.8				
16.0							52.0
17.0							56.0
18.0							58.0
19.0							62.0
20.0							64.0

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COMPLETION DEPTH 15.6 m		COMPLETE 69/07/17
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE: 0086.03
REPORT: DHC-006

86.0 0860B697

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0870B697~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-3-7	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, some clay, some gravel, occasional cobble, easy drilling	
2.0			SAND (SW-SM) - gravelly, some silt, cobble and boulders up to 300mm diameter throughout, light to dark brown	
7.6			END OF BOREHOLE AT 7.6m - MP 53.8 - STA 395+01 on 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

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Whitehorse, Yukon

COMPLETION DEPTH 7.6 m		COMPLETE 69/07/18
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE : D086.0B
REPORT : DHC-006

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ 86.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0870B698~~ 0860B698
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-3-8	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 (20 40 60 80) / PERCENT SAND (20 40 60 80) / PERCENT FINES (20 40 60 80)	DEPTH (ft)
0.0			SAND (SM) - silty, some clay, some gravel, occasional cobble				0.0
1.0							2.0
			SAND (SW-SW) - gravelly, some silt, cobble and boulders up to 300mm diameter throughout, dark brown				4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
			END OF BOREHOLE AT 7.6m - MP 53.8 - STA 397+60 on right of highway				
8.0							26.0
							28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 7.6 m	COMPLETE 69/07/19	
	LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 00860 B
REPORT: DHC-006

860

0860B741

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ YUKON	BOREHOLE No. ~~0870B741~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 74-1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC and ORGANIC SILT (OL)	
1.0			SAND, SILT and GRAVEL (SM/GM) - some to trace of clay, slightly plastic, grey to medium brown	
3.0	⊠	1		SM
5.0	⊠	2		GM
6.0	⊠	3		SM
8.0	⊠	4	GRAVEL (GM) - sandy, silty, some to trace of clay, dry to damp	GM
9.0	⊠	5		GM
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 15.6 m		COMPLETE 74/10/
LOGGED BY PA	DWG NO.	Page 1 of 2

SOURCE: 00860B
REPORT: DHC-006

860 — 0860B741

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~87.0~~ YUKON	BOREHOLE No. ~~0870B741~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7167100 E627000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 74-1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
10.0				
11.0	⊠	6	GRAVEL (GP-GM) - sandy, some becoming trace of silt, maximum gravel 40mm diameter	GP-GM
12.0				
	⊠	7		GP-GM
13.0				
14.0				
15.0				
	⊠	8		GP
16.0			END OF BOREHOLE AT 15.6m - MP 54.8	
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

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COMPLETION DEPTH 15.6 m		COMPLETE 74/10/
LOGGED BY PA	DWG NO.	Page 2 of 2

SOURCE: 0090.2 L
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~89.8~~ 90.2 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0898T098~~ 0902T098
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7168540 E626095	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 98	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) - sandy, trace of silt, occasional cobbles and boulders	
1.0	■	1		GP
			- frozen at 1.5m	
			END OF TEST PIT AT 1.5m	
2.0			- excavated in floor of existing pit at STA 315+00 on left 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 78/09/08	
	LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0090.2-L
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: ~~KM 89.8~~ 90.2 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~08987099~~ 0902T099
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7168540 E626095	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 99	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - gravelly, some sand, some clay, occasional cobble	
1.0			SILT and ICE	
2.0			END OF TEST PIT AT 1.8m - STA 315+00 on left 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

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COMPLETION DEPTH 1.8 m		COMPLETE 78/09/08
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 090-2L
REPORT - DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~89.8~~ 90.2 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~08987100~~ 0902T100
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7168540 E626095	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 100	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GW) - sandy, trace of silt, occasional cobble and boulder	
1.0				
2.0	■	1		GW
3.0	■			
4.0			END OF TEST PIT AT 3.7m - STA 315+00 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/09/08
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE 0090.2L
REPORT - DHC-056
0902T101

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~89.8~~ 90.2 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0898T101~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7168540 E626095	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 101	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			GRAVEL (GW) - sandy, trace of silt, occasional cobbles and boulders				0.0
1.0	GRAB	1		GW		▲ ● ■	2.0, 4.0
2.0							6.0
			END OF TEST PIT AT 2.4m - STA 315+00 on left of highway				8.0
3.0							10.0
4.0							12.0, 14.0
5.0							16.0, 18.0
6.0							20.0
7.0							22.0, 24.0
8.0							26.0, 28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.4 m	COMPLETE 78/09/08
	LOGGED BY	DWG NO.
		Page 1 of 1

Source 0895R
Report: DHC-056

895, 0895T102

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~90.4~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0904T102~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7168950 E626100	Project No: 0201 - 4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 102	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) - sandy, trace of silt, occasional cobble and boulder	
1.0				
2.0	■	1		GP
3.0				
			END OF TEST PIT AT 3.7m - STA 295+00 on right of highway along north bank of Screw Creek	
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

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Whitehorse, Yukon

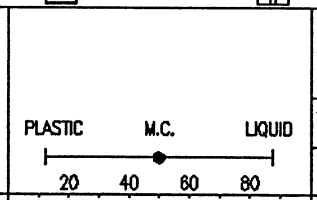
COMPLETION DEPTH 3.7 m		COMPLETE 78/09/08
LOGGED BY	DWG NO.	Page 1 of 1

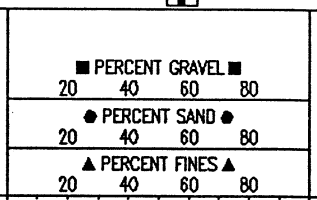
SOURCE 0907T103
REPORT - DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 90.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 0907T103
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7169300 E626200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 103	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP-GM) - sandy, trace of silt, occasional cobbles and boulders	
1.0	■	1		GP-GM
			END OF TEST PIT AT 1.5m - STA 286+00 on right of highway	
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 1.5 m		COMPLETE 78/09/08
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE 0090.7B
REPORT DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~91.1~~ 90.7 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0911B001~~ 0907B001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7169700 E626150	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			ORGANICS (OL)				0.0
			GRAVEL and SAND (GW-GM) - trace of silt, occasional cobbles and boulders, frozen below 0.6m, with no visible ice				2.0
1.0							4.0
2.0							6.0
		1		GW-GM			8.0
3.0							10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0			END OF BOREHOLE AT 9.1m - STA 225+00, 30m left of highway				30.0
							32.0
10.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 9.1 m	COMPLETE 78/ /
	LOGGED BY TF	DWG NO.

SOURCE 0907B
REPORT DAC-056

907 0907B002

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~91.1~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0911B002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7169700 E626150	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)	
1.0			SAND and GRAVEL (SW-SM) - trace of silt	
2.0			- frozen	
3.0				
4.0				
5.0	■	1	- occasional boulder below 5.1m	SW-SM
6.0				
7.0				
8.0				
9.0			END OF BOREHOLE AT 9.1m - STA 225+00, 70m 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 : 0090.7 B
REPORT : DHC -056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~91.1~~ 90.7 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0911B008~~ 0907 B003
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7169700 E626150	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 (20 40 60 80) / PERCENT SAND (20 40 60 80) / PERCENT FINES (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC (OL)				0.0
			ICE				2.0
1.0							4.0
			SAND and GRAVEL (SW-SM) - trace of silt, moist to wet when thawed, frozen with visible ice from 1.5m to 9.1m				6.0
2.0							8.0
3.0							10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0		1		SW-SM			20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0			END OF BOREHOLE AT 9.1m - STA 225+00 on left of highway				30.0
							32.0
10.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 9.1 m	COMPLETE 78/ /	
	LOGGED BY TF	DWG NO.	Page 1 of 1

SOURCE: 0090.7 B
REPORT: DHC-056

907 0907 B004

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~91~~.1 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0911B004~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7169700 E626150	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)	
			GRAVEL (GW-GM) - sandy, trace of silt, occasional cobbles and boulders	
4.5			END OF BOREHOLE AT 4.5m - STA 225+00 on left 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 (m)	DEPTH (ft)
0.0	0.0
1.0	2.0
2.0	4.0
3.0	6.0
4.0	8.0
5.0	10.0
6.0	12.0
7.0	14.0
8.0	16.0
9.0	18.0
10.0	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 : 0090.7B
REPORT : DHC-056

90.7 0907 B005

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~91.1~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~0911B005~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7169700 E626150	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			ORGANICS (OL)				0.0
			GRAVEL and SAND (GW-GM) – trace of silt, occasional cobbles and boulders				2.0
1.0							4.0
							6.0
2.0							8.0
	■	1					10.0
3.0							12.0
							14.0
4.0							16.0
			END OF BOREHOLE AT 4.5m – STA 225+00 on left of highway				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 4.5 m | COMPLETE 78/ /

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

SOURCE: 0090.7B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~92.6~~ 90.7 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~09267104~~ 0907T104
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7170950 E625300	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 104	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 - CLAY - GRAVEL				0.0
1.0	GRAB	1		GP		▲ ● ■	2.0, 4.0
2.0							6.0
			END OF TEST PIT AT 2.4m - STA 225+00 on left of highway				8.0
3.0							10.0
4.0							12.0, 14.0
5.0							16.0, 18.0
6.0							20.0
7.0							22.0, 24.0
8.0							26.0, 28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.4 m	COMPLETE 78/08/09	
	LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0090.7 B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~92.6~~ 90.7 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~09267105~~ 0907T105
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7170950 E625300	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 105	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) - gravelly, some sand, some clay				
			- water at 0.9m				2.0
1.0			END OF BOREHOLE AT 1.1m - frozen beneath 1.1m - STA 225+00 on left of highway				4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.1 m	COMPLETE 78/09/09	
	LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0090.7B
REPORT - DHC-05e

90.7

0907T106

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~92.6~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~0926T106~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7170950 E625300	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 106	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP-GM) - sandy, trace silt, occasional cobbles and boulders	
1.0	■	1		GP-GM
2.0			- water at 2.7m	
			END OF TEST PIT AT 2.7m - drilled along access to Fox Creek - STA 225+00 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

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

SOURCE 0105.6B
REPORT : DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~107.2~~ 105.6 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1072B001~~ 1056B001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7183650 E624850	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - TH-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 (20 40 60 80) / PERCENT SAND (20 40 60 80) / PERCENT FINES (20 40 60 80)	DEPTH (ft)
0.0			ORGANICS (OL)				0.0
							2.0
1.0			GRAVEL and SAND (GW-GM) - trace of silt				4.0
							6.0
2.0							
	GRAB	1		GW-GM			8.0
3.0							10.0
							12.0
4.0			- refusal at 4.0m END OF BOREHOLE AT 4.0m - M.P. 66.6, 60m left of highway				14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 4.0 m	COMPLETE 78/ /	
	LOGGED BY TF	DWG NO.	Page 1 of 1

SOURCE: 0105 6 B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~107.2~~ 105.6 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1072B002~~ 1056B002
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7183650 E624850	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER TH-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)
0.0			ORGANIC (OL)				0.0
			GRAVEL (GP) – sandy, trace of silt, occasional cobbles and boulders throughout				2.0
1.0							4.0
2.0			– visible ice throughout				6.0
	GRAB	1		GP			8.0
3.0							10.0
							12.0
4.0							14.0
			END OF BOTEHOLE AT 4.5m – M.P. 66.6, 65m 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: 0105.16 B
REPORT: DHC-056

105.6

1056B003

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~107.2~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1072B003~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7183650 E624850	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER TH-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			ORGANIC (OL)				0.0
			GRAVEL and SAND (GM-GW) – trace of silt, cobbles and boulders throughout				2.0
1.0							4.0
			– lots of visible ice				6.0
2.0							8.0
							10.0
3.0							12.0
							14.0
4.0			END OF BOREHOLE AT 4.5m – M.P. 66.6, 70m left of highway on ridge				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							

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COMPLETION DEPTH 4.5 m | COMPLETE 78/ /

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

SOURCE: 0105.6B
REPORT: DHC-056

105.6 1056B004

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~107.2~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1072B004~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7183650 E624850	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - TH-4	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			SAND and GRAVEL (SW-SM) - trace of silt, cobbles and boulders throughout	
2.0	■	1		SW-SM
3.0			- visible ice below 3.0m	
4.0				
			END OF BOREHOLE AT 4.5m M.P. 66.6, 65m left of highway on ridge	
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

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

SOURCE: 0105.6B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~107.2~~ 105.6 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1072B005~~ 1056B005
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7183650 E624850	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - TH-5	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			SAND and GRAVEL (SW-SM) - trace of silt, cobbles and boulders throughout	
2.0	■	1	- visible ice throughout	SW-SM
3.0				
4.0				
5.0			END OF BOREHOLE AT 4.5m - M.P. 66.6, 100m left of highway along ridge	
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

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

SOURCE 0105.6 B
REPORT : DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~107.2~~ 105.6 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1072B006~~ 1056B006
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7183650 E624850	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - TH-6	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC (OL)	
			SAND and GRAVEL (SW-SM) - trace of silt, cobbles and boulders throughout	
1.0				
2.0	■	1		SW-SM
3.0				
4.0				
			END OF BOREHOLE AT 4.5m - M.P. 66.6, 100m left of highway along ridge	
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

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

SOURCE: 0105 16B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~107~~ 1056.2 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~10727108~~ 1056T108
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7183650 E624850	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 108	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) - sandy, trace of silt, occasional cobbles and boulders				
1.0	GRAB	1	- frozen below 1.2m	GP			2.0
			END OF TEST PIT AT 1.2m - M.P. 66.6 on left of highway				4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 1.2 m	COMPLETE 78/09/11
	LOGGED BY TM	DWG NO.

SOURCE: 0105.6 B
REPORT: DHC-056

1056 105.6T001

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~107.5~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~10757001~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7183900 E625000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINSL BOREHOLE NUMBER – TH-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			ORGANIC (OL)				0.0
			SAND and GRAVEL (SP-SM) – trace of silt, cobbles and boulders throughout				
1.0			– frozen with visible ice below 1.2m				2.0
							4.0
2.0	■	1		SP-SM	●	▲ ■●	6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
			END OF BOREHOLE AT 4.5m – M.P. 67.0, 50m left of highway along ridge				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							

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

SOURCE: D10516B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~107.5~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~10757110~~ 10516T110
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7183900 E625000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 110	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) - sandy, trace of silt, pebbles and boulders throughout	
1.0				
2.0	■	1		GP
3.0				
4.0			END OF TEST PIT AT 3.7m - M.P. 66.8 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/09/11
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0105.6 B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~107.5~~ 105.6 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1075T111~~ 1056T111
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7183900 E625000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 111	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			ORGANIC (OL)				0.0
			SILT (ML) – some sand, some clay – frozen below .9m				2.0
1.0			END OF TEST PIT AT 0.9m – M.P. 67.0 on right of highway				4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 0.9 m	COMPLETE 78/09/11
	LOGGED BY TM	DWG NO.

SOURCE 01127 L
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~118.3~~ 112.7 YUKON	BOREHOLE No. ~~1133~~ 1127T113
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7189300 E625700	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 113	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) – sandy, trace of silt, cobbles and boulders throughout	
	■	1		GP
1.0			– water at 1.4m upon completion	
			END OF TEST PIT AT 1.4m – M.P. 70.4, near BM #37	
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

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COMPLETION DEPTH 1.4 m		COMPLETE 78/09/12
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0114.7B
REPORT: DHC [illegible]-056

114.7

114.7B001

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~116.8~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1168R001~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7192250 E625150	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			SAND and SILT (SM) – trace of gravel	
1.0				
2.0				
	■	1	– frozen with visible ice below 2.4m	SM
3.0				
4.0				
			END OF BOREHOLE AT 4.5m – M.P. 72.6 in old pit on top of ridge 75m 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

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

SOURCE 0114.7B
REPORT DHC056

114.7B

114.7B002

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~116.8~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1168B002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7192250 E625150	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			ORGANIC (OL)	
			GRAVEL (GP-GM) - sandy, trace of silt	
1.0				
			- frozen with visible ice below 1.5m	
2.0	■	1		GP-GM
3.0				
			- becomes finer below 3.7m with some gravel	
4.0				
			END OF BOREHOLE AT 4.5m	
			- M.P. 72.6 along top of ridge 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

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

SOURCE: 0114.7B
REPORT: DHC-056

#114.7 #114.7B003

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~116.8~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~116BH003~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7192250 E –	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			ORGANIC (OL)	
			SAND (SM) – silty, frozen	
1.0				
			GRAVEL and SAND (GM-GP) – some silt	
2.0				
	■	1		GP-GM
3.0			– finer below 3.3m with trace of gravel	
4.0			GRAVEL (GP) – sandy, some silt, cobbles and boulders throughout	
			END OF BOREHOLE AT 4.5m – M.P. 72.6 along ridge 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

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

Source - 0114-7B
Report - DHC-056

114-7

1147B01A

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~116.6~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 1168B014
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7192250 E625150	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			ORGANIC SILT (OL) - some sand, trace of clay				0.0
			SILT (ML) - sandy, some gravel, frozen with visible ice				2.0
1.0							4.0
			- becomes finer with no gravel below 1.5m				6.0
2.0							8.0
3.0			SOLID ICE				10.0
							12.0
4.0							14.0
			END OF BOREHOLE AT 4.5m - M.P. 72.6 along ridge, 50m right of highway				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							

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

SOURCE: 01147B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~116.8~~ 114.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1168T114~~ 1147T14
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7192250 E625550	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 114	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ▨ NO RECOVERY ☒ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) - gravelly, some sand, some clay	
			GRAVEL (GP-GM) - sandy, trace of silt, cobbles and boulders throughout	
1.0	■	1		GP-GM
2.0				
3.0	■	2	GRAVEL and SAND (GP) - trace of silt, occasional cobbles and boulders	GP
			END OF TEST PIT AT 3.0m - hole sloughing badly upon completion - station 657+00 on right 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

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COMPLETION DEPTH 3.0 m		COMPLETE 78/09/12
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0114.7B
REPORT: DHG-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~116.8~~ 147 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1168T115~~ 114T115
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7192250 E625550	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 115	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 (ML) – gravelly, some sand, some clay occasional cobbles and boulders				0.0
1.0							2.0
							4.0
2.0							6.0
							8.0
3.0			ICE – 100% below 3.0m				10.0
			END OF TEST PIT AT 3.0m – M.P. 72.6 along lower Blackstone River				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							26.0
8.0							28.0
9.0							30.0
							32.0
10.0							

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COMPLETION DEPTH 3.0 m		COMPLETE 78/09/12
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0117.OR
REPORT: DHC-056

1170

1170B001

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~118.6~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1186B001~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7193500 E626550	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			ORGANIC (OL)	
			GRAVEL (GP) – sandy, trace of silt, frozen with visible ice, saturated when thawed	
1.0				
2.0				
3.0				
4.0				
			END OF BOREHOLE AT 4.5m – M.P. 73.7, 15m 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

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

SOURCE: 0117.0R
REPORT: DHC-056

117.0 1170B002

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~118.6~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1186B002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7193500 E626550	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			ORGANIC (OL)	
			SILT (ML) - some sand, some clay, frozen with visible ice	
1.0				
2.0				
3.0				
			GRAVEL (GP) - sandy, trace of silt, interbedded with coarse layers containing cobbles and boulders, frozen with visible ice	
4.0				
			END OF BOREHOLE AT 4.5m	
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

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

SOURCE: 0117.0 R
REPORT: DAC-056

1170

1170B003

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~118.6~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1186B003~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7193500 E626550	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			ORGANIC (OL)	
			SILT (ML) - some sand, some clay, frozen	
1.0				
2.0				
3.0				
			ICE	
4.0				
			END OF BOREHOLE AT 4.5m - M.P. 73.6, 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

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

SOURCE : 0117.0 R
REPORT : DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~118.6~~ 117.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1186T116~~ 1170T116
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7193500 E626550	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 116	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SAND (SP/SM) - gravelly, trace of silt, occasional cobble	
1.0	■	1		SP-SM
2.0			- solid ice at 2.1m END OF TEST PIT AT 2.1m - station 665+00 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

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COMPLETION DEPTH 2.1 m		COMPLETE 78/09/12
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 01170R
REPORT: DHC-0256

1170 1170T117

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~118.6~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 1186A117
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7193500 E626550	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 117	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 to sandy, trace of silt, cobbles and boulders throughout	
1.0	■	1		GP
2.0			END OF TEST PIT AT 2.1m – M.P. 73.7 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

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COMPLETION DEPTH 2.1 m		COMPLETE 78/09/12
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE : 0117.02
REPORT : DHC056

1170 1170T118

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~118.6~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1186T118~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7193500 E626550	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 118	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL) – black	
			SILT (ML) – sandy, some clay	
			– solid ice below 0.6m	
			END OF TEST PIT AT 0.6m	
1.0			– M.P. 73.7 on right of highway	
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

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COMPLETION DEPTH 0.6 m		COMPLETE 78/09/12
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 114.7 B
REPORT: DHC-007

114.7

114.7B001

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1201B~~001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 77-1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC PEAT (PT)	
			ORGANIC (OL) – sandy, silty	OL
1.0			SAND (SM) – silty	
			– frozen below 1.1m	ML
			GRAVEL (GM–GW) – sandy, trace of silt	
2.0				GW–GM
3.0				
				GW
4.0				
				GW–GM
5.0				
6.0				GW–GM
			– permafrost 6.4m	
7.0				GW–GM
8.0				
9.0				GW–GM
			ICE	
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

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COMPLETION DEPTH 18.6 m		COMPLETE 77/08/11
LOGGED BY DA	DWG NO.	Page 1 of 2

SOURCE: 114.7B
REPORT: DAC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1201B001~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
10.0				
			GRAVEL (GM-GW) - sandy, trace silt to some silt	
11.0				
12.0				GW-GM
			SAND and GRAVEL (SM) - some silt, interbedded, well graded gravel	
13.0				
				SM
14.0				
				GW-GM
15.0				
16.0				
				SM
17.0			GRAVEL - silty, sandy gravel	
				GW-GM
18.0			GRAVEL (GP) - sandy, trace silt, large cobbles, coarse	
			END OF BOREHOLE AT 18.6 - MP 72.8 - STA 655+71 on left of highway	
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

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COMPLETION DEPTH 18.6 m		COMPLETE 77/08/11
LOGGED BY DA	DWG NO.	Page 2 of 2

SOURCE : 0114.7B
REPORT : DAC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B002~~ 1147B002
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 77-2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC (OL)	
			ORGANIC (OL) – sandy, silty	
		2	SILT and SAND (SM) – trace of clay	ML
1.0		3	– frozen below 1.1m, becoming gravelly	SM
			GRAVEL (GW-GM) – sandy, some trace of silt visible ice throughout	
2.0		4		GW-GM
3.0				
4.0		5		SP-SM
5.0			– lens of gravel and SAND (SM) – silt between 5.2 and 6.0m	
		6		SM
6.0				
7.0		7		GW-GM
8.0				
		8		GW
9.0				
		9	– coarser between 9.8 and 10.7m	GP
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

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COMPLETION DEPTH 21.3 m		COMPLETE 77/08/11
LOGGED BY DA	DWG NO.	Page 1 of 3

SOURCE: 0114.7 B
REPORT: DAC-007

1147 1147B002

DEMPSTER JHIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-2	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 ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
10.0							34.0
		9		GP			
11.0							36.0
		10		GW-GM			38.0
12.0							40.0
13.0		11		GW-GM			42.0
14.0							44.0
							46.0
		12		GW-GM			48.0
15.0							50.0
16.0							52.0
		13		SW-SM			54.0
17.0							56.0
							58.0
		14		SW-SM			60.0
18.0							62.0
19.0							64.0
20.0							

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COMPLETION DEPTH 21.3 m | COMPLETE 77/08/11

LOGGED BY DA | DWG NO. |

SOURCE: 0114.7 B
REPORT: DHC-007

DEMPSTER JHIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 1201B002 (1147B002)
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 77-2	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 ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
20.0							66.0
							68.0
21.0							
			END OF BOREHOLE AT 21.3m – M.P. 72.8 – station 655+50 on right of highway				70.0
22.0							72.0
							74.0
23.0							
							76.0
24.0							78.0
							80.0
25.0							82.0
							84.0
26.0							86.0
							88.0
27.0							90.0
							92.0
28.0							94.0
							96.0
29.0							98.0
30.0							

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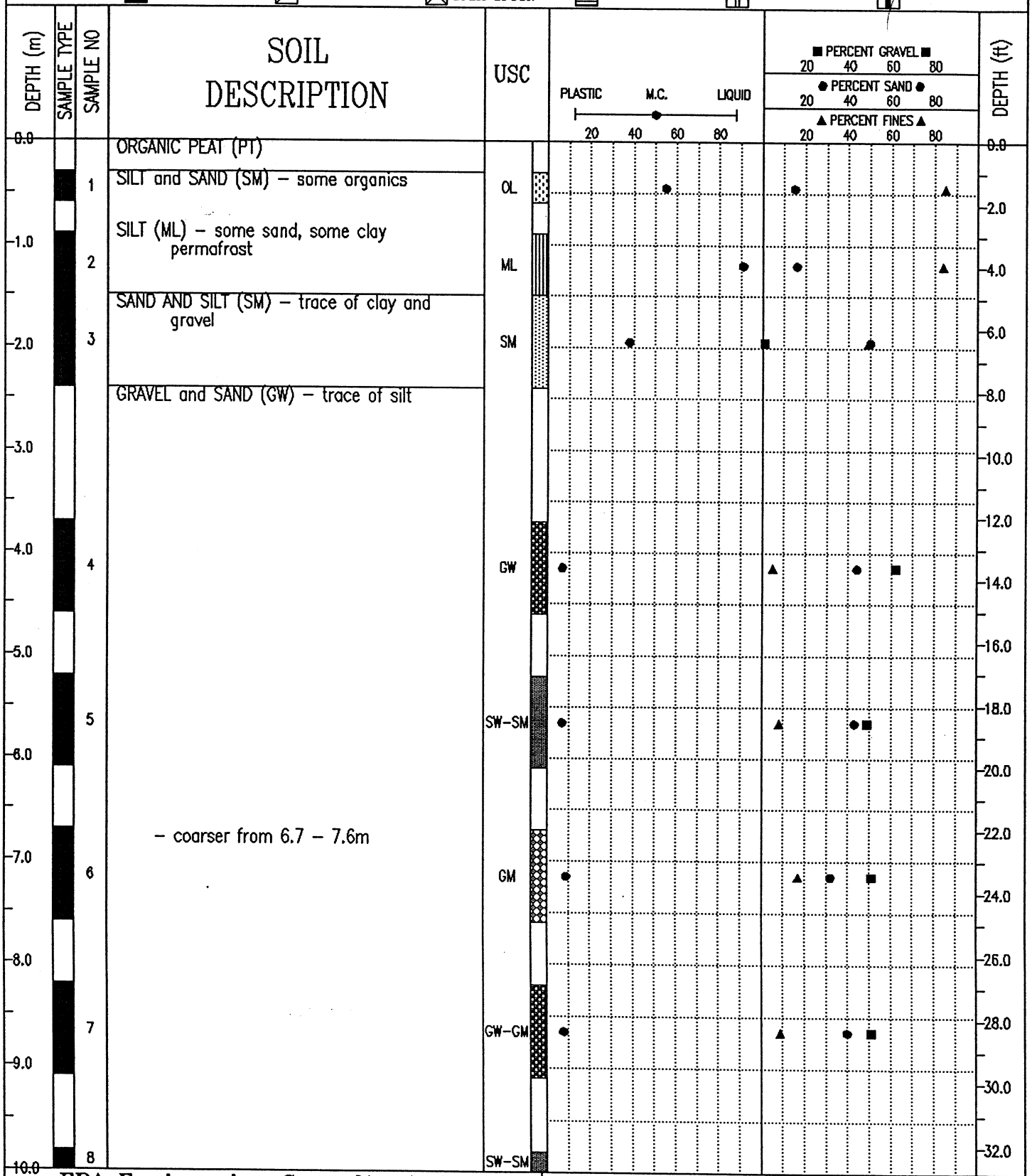
COMPLETION DEPTH 21.3 m		COMPLETE 77/08/11
LOGGED BY DA	DWG NO.	Page 3 of 3

SOURCE: 0114.7B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, ON HIGHWAY	BOREHOLE No. ~~1201B008~~ 1147B008
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-3	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON



EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 11.9 m	COMPLETE 77/08/11
	LOGGED BY DA	DWG NO.

SOURCE: 0114.7B
REPORT: DHC-007

1147

1147B003

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~130.1~~ YUKON, ON HIGHWAY	BOREHOLE No. ~~1201B003~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-3	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
10.0				
	■	8		SW-SM
11.0				
	■	9	- becomes SAND (SM) - gravelly, some silt	SM
12.0			END OF BOREHOLE AT 11.9m - M.P. 72.8 - station 657+00 on centerline of highway	
13.0				
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

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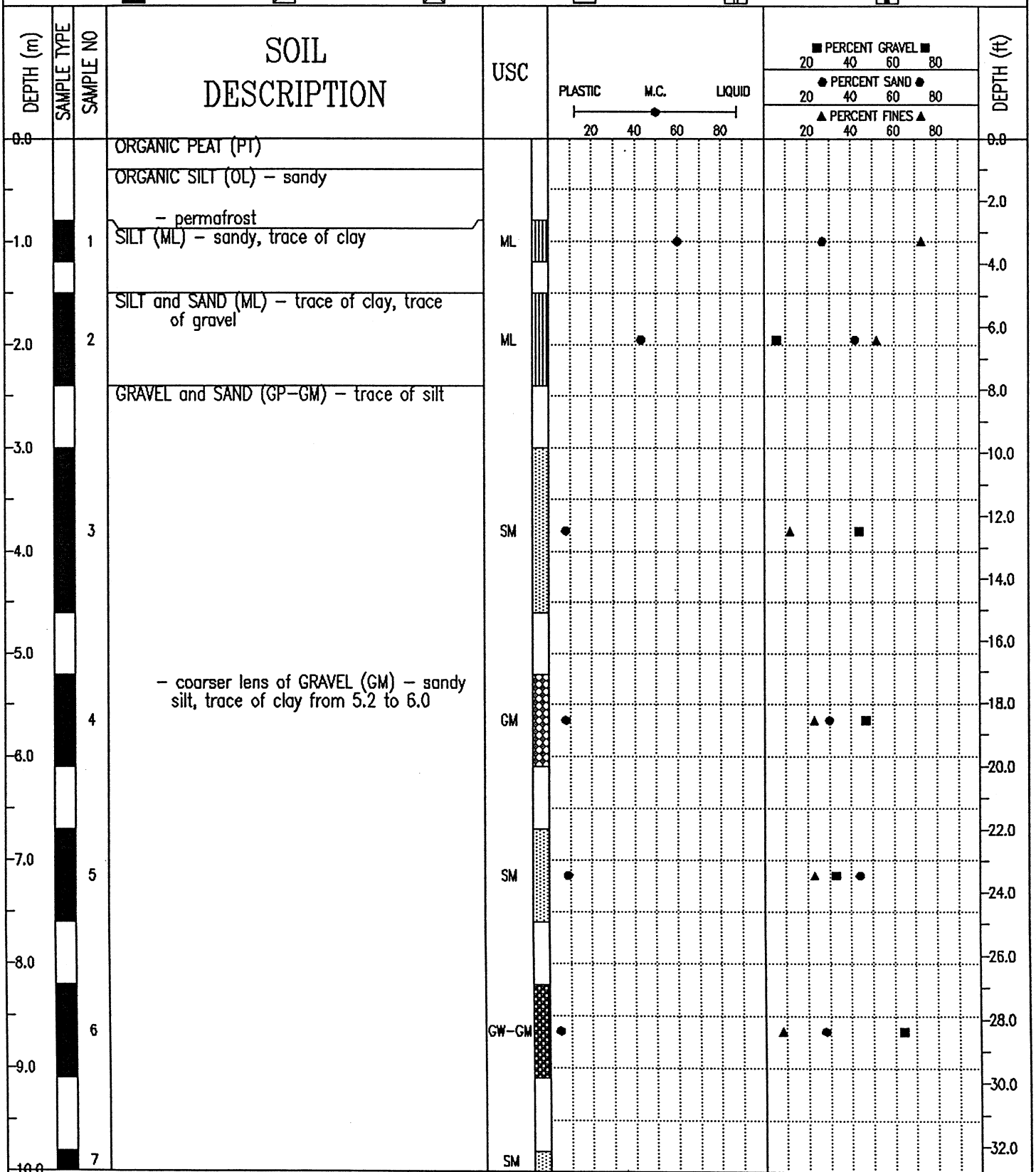
COMPLETION DEPTH 11.9 m		COMPLETE 77/08/11
LOGGED BY DA	DWG NO.	Page 2 of 2

SOURCE: 0114.7 B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B004~~ 1147B004
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-4	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON



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COMPLETION DEPTH 11.1 m		COMPLETE 77/08/11
LOGGED BY DA	DWG NO.	Page 1 of 2

& SOURCE: 0114.7 B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B004~~ 1147B004
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-4	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)
10.0	■	7		SM	●	▲ ➡	34.0
11.0			END OF BOREHOLE AT 11.1m - M.P. 72.8 - station 657+14 on right of highway				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 11.1 m	COMPLETE 77/08/11
	LOGGED BY DA	DWG NO.
		Page 2 of 2

Source 0114.7 B
Report : DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B017~~ 1147B017
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-17	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GW-GM) - sandy, some silt	
1.0				
			SAND and GRAVEL (SW-SM) - some silt to silty	
2.0				
3.0			SAND (SM) - gravelly, silty, some clay, moist, low plastic	
4.0	■	1		SM
			SAND and GRAVEL (SW-SM) - silty	
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

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Whitehorse, Yukon

COMPLETION DEPTH 13.1 m | COMPLETE 77/08/15
LOGGED BY DA | DWG NO. | Page 1 of 2

SOURCE: 0114.7B
REPORT: DHC007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B017~~ 0114.7B017
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-17	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
11.0							36.0
12.0							38.0
							40.0
13.0			– frozen below 13.1				42.0
			END OF BOREHOLE AT 13.1m – M.P. 72.8 – station 656+35 on right of highway				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							

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COMPLETION DEPTH 13.1 m		COMPLETE 77/08/15
LOGGED BY DA	DWG NO.	Page 2 of 2

SOURCE : 0114.7 B
REPORT : DHC-007

114.7

1147B018

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~130.1~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201D018~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N 719460 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-18	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 and SAND (GW) - trace of silt				0.0
1.0							2.0
			- dirtier with some silt below 1.5m				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							

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COMPLETION DEPTH 12.8 m		COMPLETE 77/08/15
LOGGED BY DA	DWG NO.	Page 1 of 2

SOURCE: 0114.7 B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B018~~ 1147B018
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N 719460 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-18	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
11.0							36.0
12.0							38.0
							40.0
			- frozen below 12.8m				42.0
13.0			END OF BOREHOLE AT 12.8m - M.P. 72.8 - station 656+65 on right of highway				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							

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COMPLETION DEPTH 12.8 m		COMPLETE 77/08/15
LOGGED BY DA	DWG NO.	Page 2 of 2

SOURCE: 0114.7 B
REPORT: DHC - 007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, ON HIGHWAY	BOREHOLE No. ~~1201B021~~ 114780-21
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 77-21	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC (PT)	
			SILT and SAND (SM) - trace of clay	
1.0				
			GRAVEL (GW) - sandy, some silt	
			- permafrost below 1.8m	
2.0			END OF BOREHOLE AT 2.0m - M.P. 72.8 - station 656+83 on centerline 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

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COMPLETION DEPTH 2.0 m		COMPLETE 77/08/15
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 0114.7 B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, ON HIGHWAY	BOREHOLE No. ~~1201~~ 114.7B105
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E617600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 105	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL – sandy, some trace of silt	
			– from 0 – 1.5m road fill, moist	
1.0				
			– water table at 1.8m, below 1.8 saturated, few fines	
2.0				
3.0				
4.0				
5.0				
			END OF BOREHOLE AT 5.6m	
			– M.P. 72.8	
			– station 631+35 along centerline adjacent to existing borrow pit	
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

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COMPLETION DEPTH 5.6 m		COMPLETE 74/09/18
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 0114.7B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1201B106~~ 0114.7B106
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	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			PEAT (PT)	
			SILT (ML) - some clay, some sand	ML
1.0	■	1		
			SAND (SM) - silty	SM
	■		SAND (SM) - silty, some gravel, moist to wet	
2.0	■	2		
			GRAVEL (GM) - sandy, some silt	
			END OF BOREHOLE AT 2.6m - refusal at 2.6m - M.P. 72.8 - station 636+50, 3m left 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

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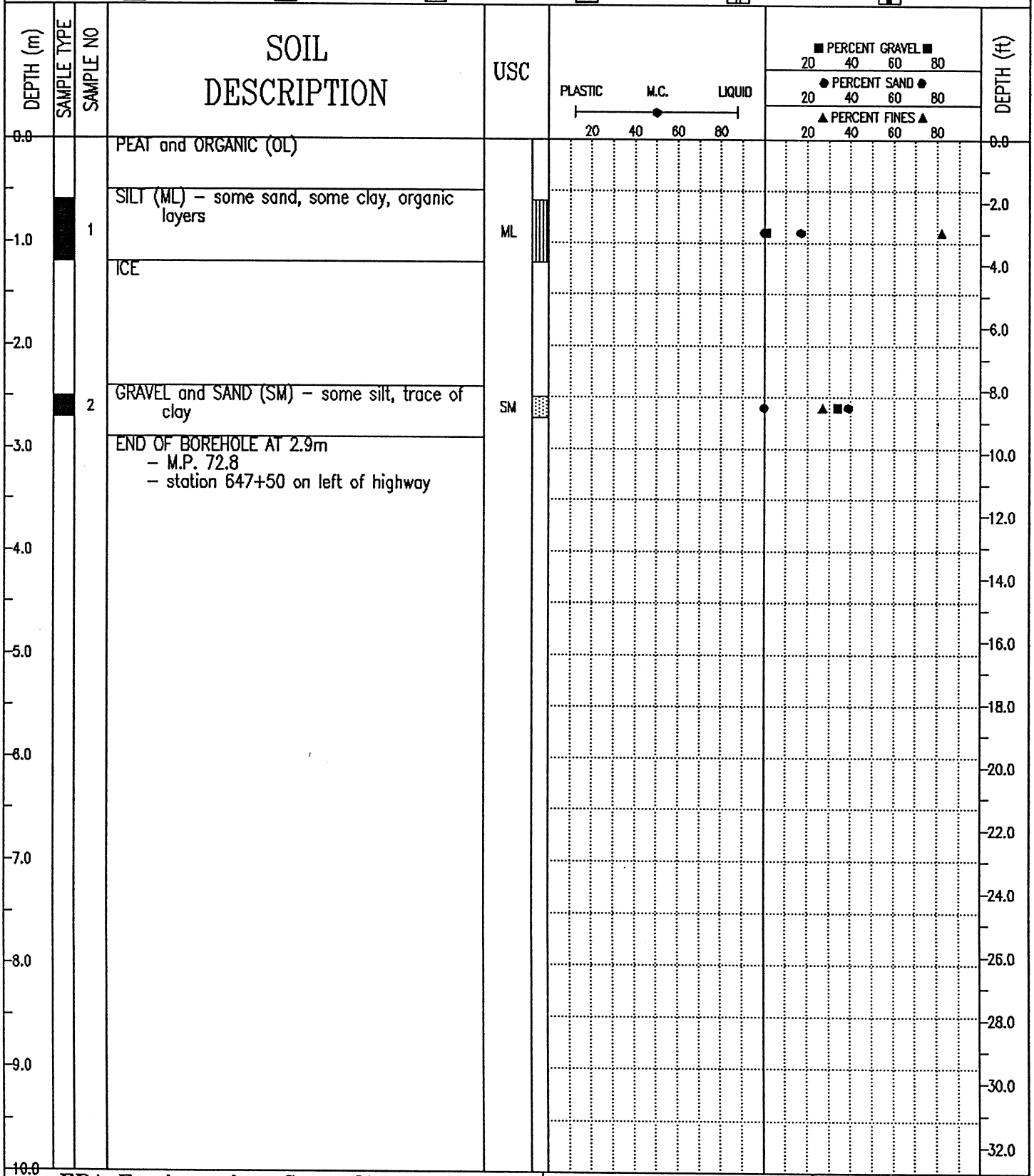
COMPLETION DEPTH 2.6 m		COMPLETE 74/09/18
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 0114.7B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1201B109~~ 1147B109
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 109	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ☒ NO RECOVERY ☒ SPLIT SPOON



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COMPLETION DEPTH 2.9 m		COMPLETE 74/09/18
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 0114.7B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201~~ 1147B/12
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 112	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			PEAT (PT)	
			SAND (SM) - silty, frozen below 0.6m	
1.0				
2.0			GRAVEL (GM) - sandy, some silt	
			END OF BOREHOLE AT 1.9m - refusal at 1.9m - M.P. 72.8 - station 655+05, 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

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COMPLETION DEPTH 1.9 m		COMPLETE 74/09/18
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 0114.7B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201D113~~ 1147B113
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 113	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SAND (SW) - trace of silt to clean, medium grained, dry	
1.0				
			SAND (SP) - gravelly, trace of silt, occasional cobble, dry	
2.0				
3.0			GRAVEL (GP) - sandy, trace of silt, coarse moist to dry	
4.0			END OF BOREHOLE AT 4.0m - M.P. 72.8 - station 657+05, right of highway near existing borrow pit	
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

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Whitehorse, Yukon

COMPLETION DEPTH 4.0 m		COMPLETE 74/09/18
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 0114.7B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B117~~ 0114.7B117
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 117	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) – sandy, trace of silt, some cobbles throughout, dry to moist				0.0
1.0							2.0
2.0							4.0
							6.0
							8.0
3.0			END OF BOREHOLE AT 2.9m – M.P. 72.8 – station 666+00 on right of highway between two existing pits located on left side of highway				10.0
4.0							12.0
							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
							25.0
8.0							28.0
9.0							30.0
							32.0
10.0							

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COMPLETION DEPTH 2.9 m		COMPLETE 74/09/19
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 0114.7B
REPORT: DHC-007

1147 1147B169

DEMPSTER CORRIDOR	SOURCE: KM ~~120.1~~ YUKON,	BOREHOLE No. ~~1201B169~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: - N - E -	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE 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) - road fill	
	■	1	SILT (SM) - sandy, gravelly, moist	SM
1.0	■	2	SILT (SM) - sandy, trace of gravel, trace of clay, non-plastic	SM
			GRAVEL (GM) - sandy, silty, trace of clay, moist	
2.0	■	3		SM
	■	4		GM
3.0			END OF BOREHOLE AT 2.8m - refusal at 2.8m - M.P. 72.8 - station 635+05 on centerline 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

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Whitehorse, Yukon

COMPLETION DEPTH 2.8 m		COMPLETE 74/09/26
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 0114.7B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, ON HIGHWAY	BOREHOLE No. ~~1201B691~~ 1147B691
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-4-1	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)	
			SAND AND GRAVEL (SW-SM) - some silt to trace of silt, cobbles and boulders up to 600mm dia. throughout	
1.0				
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

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Whitehorse, Yukon

COMPLETION DEPTH 15.0 m		COMPLETE 69/07/22
LOGGED BY	DWG NO.	Page 1 of 2

SOURCE: 0114.7B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 147 YUKON, ON HIGHWAY	BOREHOLE No. ~~1201B691~~ 1147B691
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-4-1	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)
10.0							34.0
11.0							36.0
12.0							38.0
13.0							40.0
14.0							42.0
15.0			END OF BOREHOLE at 15.0m - M.P. 72.8 - station 655+00 along new alignment				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

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Whitehorse, Yukon

COMPLETION DEPTH 15.0 m		COMPLETE 69/07/22
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE: 0114.7B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, ON HIGHWAY	BOREHOLE No. ~~1201B692~~ 1147B692
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-4-2	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 ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			ORGANIC COVER (OL)				0.0
			SAND and GRAVEL (SW-SM) - some to trace of silt, cobbles and boulders up to 450mm dia., gravel is medium to coarse grained				
1.0							2.0
							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							
10.0							

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COMPLETION DEPTH 15.0 m		COMPLETE 69/07/24
LOGGED BY	DWG NO.	Page 1 of 2

SOURCE: 0114-7B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, ON HIGHWAY	BOREHOLE No. ~~1201B692~~ 1147B692
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-4-2	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 ■ / ● PERCENT SAND ● / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
10.0							34.0
11.0							36.0
12.0							38.0
13.0							40.0
14.0							42.0
15.0			END OF BOREHOLE AT 15.0m - M.P. 71.8 - station 655+00 along new alignment				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

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COMPLETION DEPTH 15.0 m		COMPLETE 69/07/24
LOGGED BY	DWG NO.	Page 2 of 2

SOURCE : 01147B
REPORT : DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 1147 YUKON, ON HIGHWAY	BOREHOLE No. ~~1201B698~~ L147B698
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-4-3	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			ORGANIC SILT (OL) - sandy, some clay				0.0
			SAND (SM) - silty, brown, frozen				
1.0							2.0
							4.0
2.0			SAND and GRAVEL (SW-SM) - some to trace of silt, cobbles and boulders throughout, up to 450mm dia.				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
			END OF BOREHOLE AT 7.6m - M.P. 72.8 - station 655+20				28.0
8.0							30.0
9.0							32.0
10.0							

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COMPLETION DEPTH 7.6 m		COMPLETE 69/07/25
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE : 0114.7B
REPORT : DHC-007

114.7

1147B694

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ YUKON, ON HIGHWAY	BOREHOLE No. ~~1201B004~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7164600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-4-4	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL)	
			SAND (SM) - silty, brown	
1.0				
			SAND and GRAVEL (SW-SM) - some trace of silt, cobbles and boulders up to 450mm dia.	
2.0				
3.0				
4.0				
5.0				
6.0				
7.0				
			END OF BOREHOLE AT 7.6m - M.P. 72.8 - station unknown	
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

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COMPLETION DEPTH 7.6 m		COMPLETE 69/07/26
LOGGED BY	DWG NO.	Page 1 of 1

PROBE: SOURCE: 0114.7B
REPORT: DHC-007

114.7

1147B695

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201~~ B695
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-4-5	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			ORGANIC SILT (OL) - rusty brown				0.0
			SAND and GRAVEL (SW-SM) - some silt, occasional cobble, frozen				
			SAND and SILT (SM) - trace to some clay, gray to light brown, frozen				
1.0			SAND and GRAVEL (SM-GM) - some silt, cobbles to 150mm dia. throughout				2.0
							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0			GRAVEL (GW-GM) - sandy, some silt, cobbles and boulders up to 750mm dia. throughout				18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0			- very hard drilling				30.0
9.0							32.0
10.0							

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COMPLETION DEPTH 15.0 m | COMPLETE 69/07/28

LOGGED BY | DWG NO. |

SOURCE: 0114.7B
REPORT: DHC-007

1147B695

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON,RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B695~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-4-5	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)
10.0							34.0
11.0							36.0
12.0							38.0
13.0							40.0
14.0							42.0
15.0			END OF BOREHOLE AT 15.0m - M.P. 72.8 - station 656+75				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

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COMPLETION DEPTH 15.0 m		COMPLETE 69/07/28
LOGGED BY	DWG NO.	Page 2 of 2

Source: 0114.7B
Report: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B696~~ 1147B696
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-4-6	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 ■ (20 40 60 80) / ● PERCENT SAND ● (20 40 60 80) / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			SILT and SAND (ML) - some clay, trace of organics frozen				0.0
							2.0
1.0			SAND and GRAVEL (SM-SW) - some silt, cobbles up to 125mm dia.				4.0
2.0							6.0
							8.0
3.0							10.0
			- water loss at 3.7m				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
			GRAVEL (GP) - some sand, trace of silt, cobbles and boulders up to 750mm dia.				
8.0							26.0
			- hard drilling from 8.5 - 8.8m				28.0
9.0			- water loss stops at 9.0m				30.0
							32.0
10.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 15.0 m	COMPLETE 69/07/30	
	LOGGED BY	DWG NO.	Page 1 of 2

SOURCE: 0114.7B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B696~~ 1147B696
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 69-4-6	ELEVATION 0.000 (m)

SAMPLE TYPE: GRAB | NO RECOVERY | SPLIT SPOON

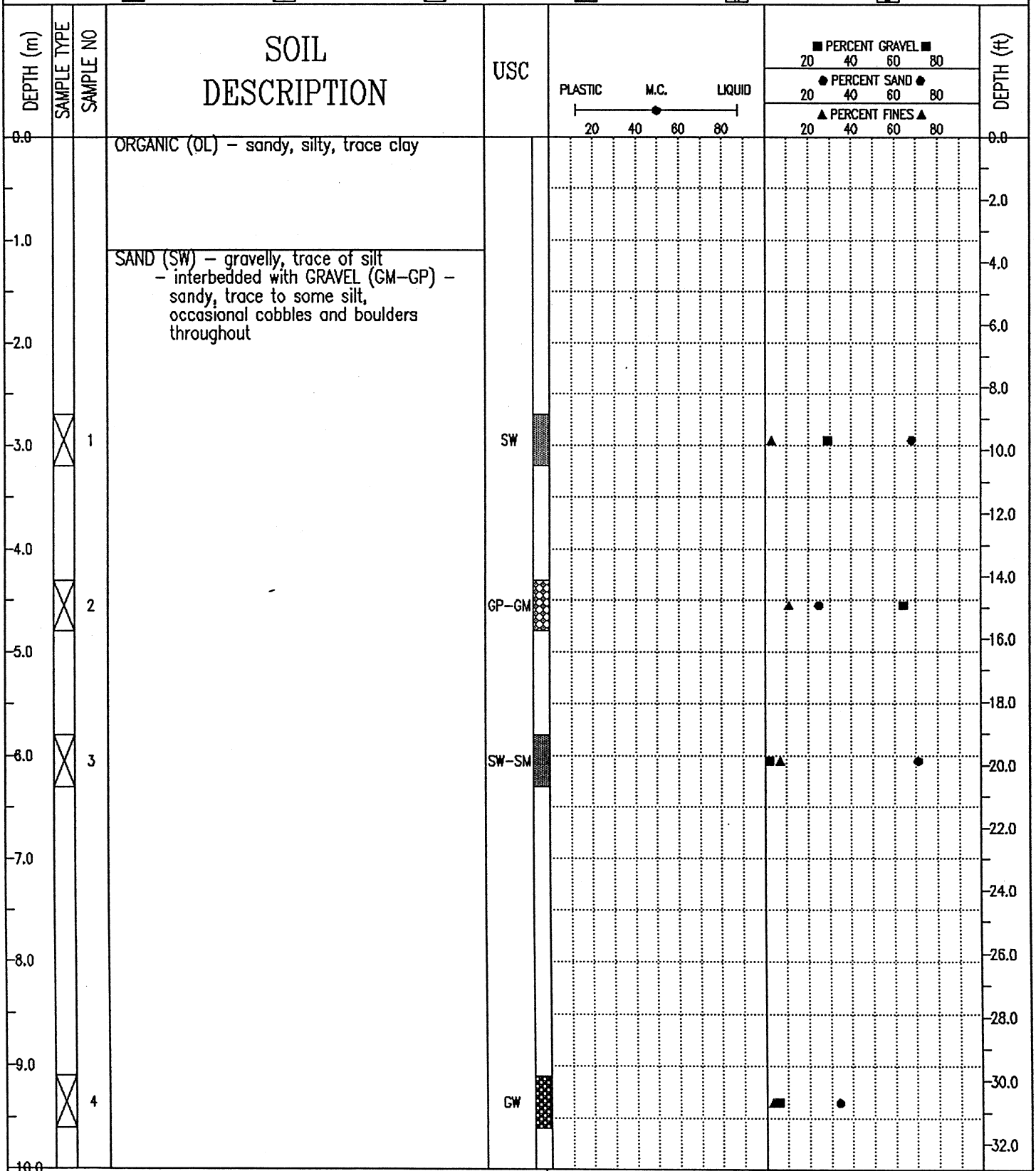
DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC	PLASTIC — M.C. — LIQUID (20 40 60 80)	■ PERCENT GRAVEL ■ (20 40 60 80) / ● PERCENT SAND ● (20 40 60 80) / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
10.0							34.0
			SAND and GRAVEL (SW) - trace of silt, cobbles and boulders up to 750mm dia. - hard drilling continues				
11.0							36.0
							38.0
12.0							40.0
							42.0
13.0							44.0
14.0							46.0
							48.0
15.0			END OF BOREHOLE AT 15.0m - M.P. 72.8 - station 656+60				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 15.0 m	COMPLETE 69/07/30
	LOGGED BY	DWG NO.

SOURCE: 0114.7B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B741~~ 0114.7B741
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 74-1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ▨ NO RECOVERY ▩ SPLIT SPOON

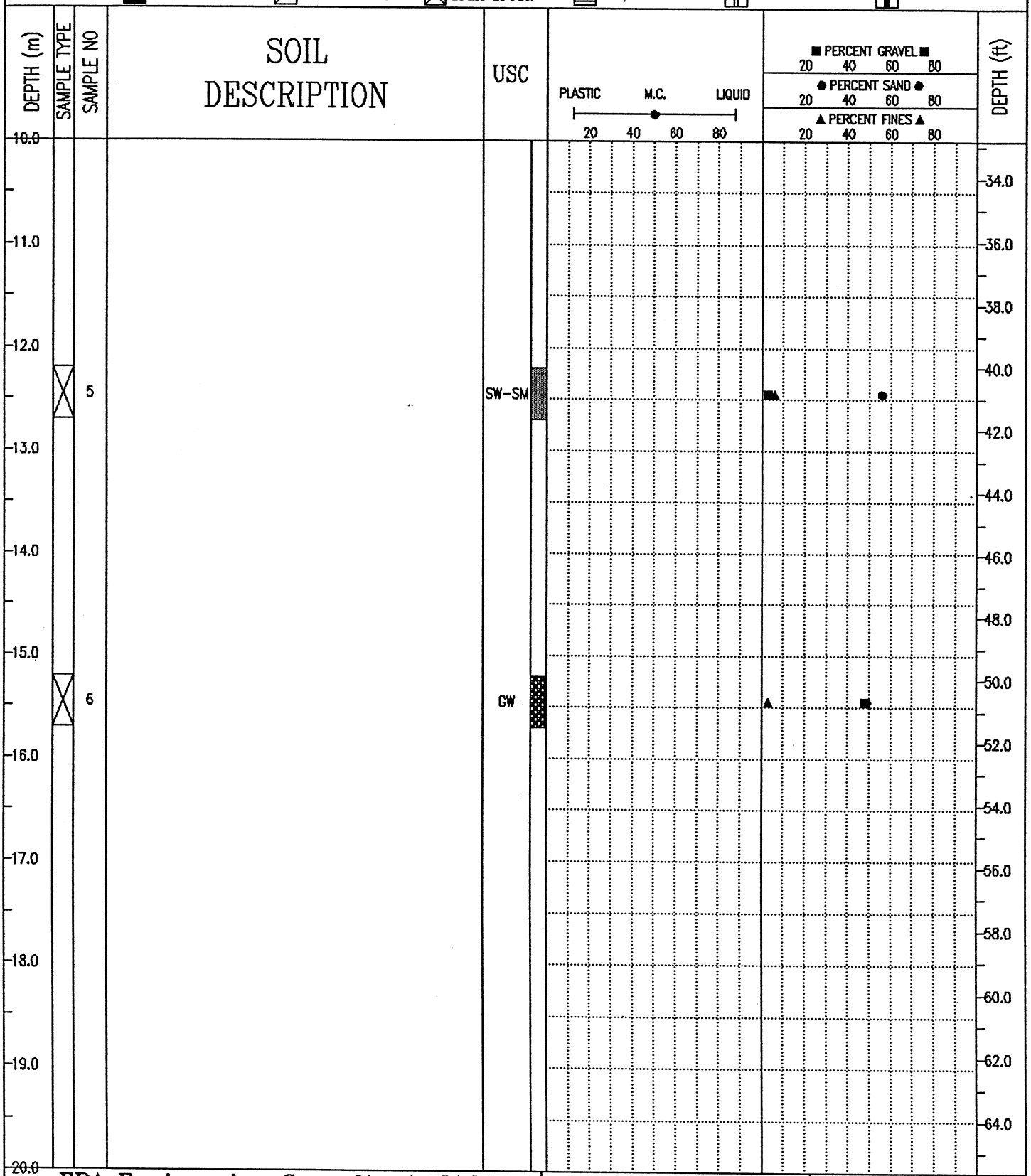


EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 32.0 m	COMPLETE 74/08/
	LOGGED BY DA	DWG NO.

SOURCE: 0114.7B
REPORT : DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B741~~ 1147B741
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 74-1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON



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COMPLETION DEPTH 32.0 m		COMPLETE 74/08/
LOGGED BY DA	DWG NO.	Page 2 of 4

Source 0114.7B
Report: DHC-007

1147

1147B741

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B741~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 74-1	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)
20.0							66.0
	⊠	7		GW			68.0
21.0							70.0
22.0							72.0
							74.0
23.0							76.0
							78.0
24.0							80.0
							82.0
25.0							84.0
26.0							86.0
			SAND (SM) - silty, trace to some gravel, odd cobble, sand medium to fine grained				88.0
27.0							90.0
							92.0
28.0							94.0
29.0							96.0
							98.0
30.0							

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COMPLETION DEPTH 32.0 m		COMPLETE 74/08/
LOGGED BY DA	DWG NO.	Page 3 of 4

SOURCE: 0114.TB
REPORT: DHC-007

1147 1147B74

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~126.1~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201~~B741
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 74-1	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)
30.0							
							100.0
31.0							
							102.0
							104.0
32.0			END OF BOREHOLE AT 32.0m - M.P. 72.8 - station 655+00 on right of highway				
							106.0
33.0							
							108.0
							110.0
34.0							
							112.0
							114.0
35.0							
							116.0
36.0							
							118.0
							120.0
37.0							
							122.0
							124.0
38.0							
							126.0
39.0							
							128.0
							130.0
40.0							

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COMPLETION DEPTH 32.0 m		COMPLETE 74/08/
LOGGED BY DA	DWG NO.	Page 4 of 4

SOURCE: 0114.7B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ YUKON, ON HIGHWAY 114.7	BOREHOLE No. ~~1201~~ 1147B751
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 75-1	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL) - sandy, silty	
	⊠	1	SANDY (SM) - trace to some silt,	SM
1.0			SAND, GRAVEL and SILT (SM) - occasional cobble, frozen below 0.9m	
2.0				
3.0	⊠	2		SM
4.0				
	⊠	3		GM
5.0				
6.0	⊠	4	- cleaner below 6.0m	SM
7.0				
	⊠	5	GRAVEL (GP-GM) - some sand to sandy, trace of silt	GW
8.0				
9.0	⊠	6		GW
			- occasional cobble below 9.6m	
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

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COMPLETION DEPTH 15.0 m		COMPLETE 75/08/
LOGGED BY DA	DWG NO.	Page 1 of 2

SOURCE: 0114.7B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, ON HIGHWAY	BOREHOLE No. ~~1201B751~~ 1147B751
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 75-1	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)
~~10.0~~							
11.0							34.0
							36.0
12.0							38.0
							40.0
13.0							42.0
							44.0
14.0							46.0
							48.0
15.0			END OF BOREHOLE AT 15.0m - M.P. 72.8 - station 655+01 on centerline of highway				50.0
16.0							52.0
							54.0
17.0							56.0
							58.0
18.0							60.0
							62.0
19.0							64.0
~~20.0~~							

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COMPLETION DEPTH 15.0 m		COMPLETE 75/08/
LOGGED BY DA	DWG NO.	Page 2 of 2

SOURCE: 0114-7B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114-7 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1201B752~~ 1147B7B2
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 75-2	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANIC (OL) - sandy, silty	
1.0	⊠	1	SAND and GRAVEL (SM) - silty, permafrost below 1.0m	SM
2.0				
3.0				
4.0	⊠	2		SM
5.0				
6.0	⊠	3	- cleaner below 6.0m	SM
7.0				
8.0				
			END OF BOREHOLE AT 8.5m - M.P. 72.8 - station 655+18 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

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COMPLETION DEPTH 8.5 m		COMPLETE 75/08/
LOGGED BY DA	DWG NO.	Page 1 of 1

SOURCE: 0114.7 B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1201B753~~ 1147B753
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 75-3	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			ORGANICS (OL) – sandy, silty	
1.0				
2.0	■	1	SAND (SM) – gravelly, some silt, saturated	SM
3.0	■			
4.0				
5.0				
6.0				
7.0				
8.0				
9.0				
10.0			– permafrost below 9.8m	

PLASTIC M.C. LIQUID
20 40 60 80

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

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

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COMPLETION DEPTH 12.0 m		COMPLETE 75/08/
LOGGED BY DA	DWG NO.	Page 1 of 2

SOURCE: 0114-7B
REPORT: DHC-907

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1201B753~~ 1147B753
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 75-3	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							34.0
11.0							36.0
							38.0
12.0			END OF BOREHOLE AT 12.0m - M.P. 72.8 - station 656+24 on left of highway				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							

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COMPLETION DEPTH 12.0 m | COMPLETE 75/08/

LOGGED BY DA | DWG NO. | Page 2 of 2

SOURCE 0114.7B
REPORT DHC-007

114.7

1147B75A

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B75A~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 75-4	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			SAND and SILT (SM) – some gravel				0.0
1.0							2.0
							4.0
2.0							6.0
		1		SM			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			– permafrost below 9.8m				

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COMPLETION DEPTH 13.4 m | COMPLETE 75/08/

LOGGED BY DA | DWG NO. | Page 1 of 2

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM 120.1 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. 1201B754
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 75-4	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 ■ 20 40 60 80 ● PERCENT SAND ● 20 40 60 80 ▲ PERCENT FINES ▲ 20 40 60 80	DEPTH (ft)
10.0							34.0
11.0							36.0
12.0							38.0
13.0							40.0
			END OF BOREHOLE AT 13.4m - M.P. 72.8 - station 655+75, 15m right of highway				42.0
14.0							44.0
15.0							46.0
16.0							48.0
17.0							50.0
18.0							52.0
19.0							54.0
20.0							56.0
							58.0
							60.0
							62.0
							64.0

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COMPLETION DEPTH 13.4 m		COMPLETE 75/08/
LOGGED BY DA	DWG NO.	Page 2 of 2

SOURCE 0114.7B
REPORT : DHC-007

1147 1147B755

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B755~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 75-5	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, trace of gravel	
3.0	⊠	1	- frozen below 2.9m	SM
4.0				
5.0	⊠	2	GRAVEL and SAND (GW) - trace of silt	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

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COMPLETION DEPTH 15.5 m		COMPLETE 75/08/
LOGGED BY DA	DWG NO.	Page 1 of 2

SOURCE: 0114.7B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~130.1~~ 114.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B755~~ 1147B755
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 75-5	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)
10.0							34.0
11.0							36.0
							38.0
12.0							40.0
							42.0
13.0							44.0
							46.0
14.0							48.0
15.0	⊠	3	SAND (SW–SM) – gravelly, some silt	SM		▲ ■ ●	50.0
			END OF BOREHOLE AT 15.5m – M.P. 72.8 – station 657+10, on right of highway				52.0
16.0							54.0
							56.0
17.0							58.0
							60.0
18.0							62.0
							64.0
19.0							
20.0							

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COMPLETION DEPTH 15.5 m | COMPLETE 75/08/

LOGGED BY DA | DWG NO. | Page 2 of 2

BSOURCE: 0114.7 B
REPORT: DHC-007

114.7

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B756~~ 1147B756
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER – 75-6	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			LOG NOT RECORDED ABOVE 10m				0.0
1.0							2.0
							4.0
2.0							6.0
							8.0
3.0							10.0
							12.0
4.0							14.0
							16.0
5.0							18.0
							20.0
6.0							22.0
							24.0
7.0							26.0
							28.0
8.0							30.0
							32.0
9.0							
10.0							

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COMPLETION DEPTH 13.1 m		COMPLETE 75/08/
LOGGED BY DA	DWG NO.	Page 1 of 2

SOURCE: 0114.7B
REPORT: DHC-007

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~120.1~~ 114.7 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1201B756~~ 1147B756
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7194600 E627600	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - 75-6	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)
10.0			- frozen below 10.4m				34.0
11.0	⊠	1	SAND and SILT (SM) - some gravel	SM			36.0
							38.0
12.0	⊠	2	SAND (SM) - gravelly, some silt	SM			40.0
	⊠	3		SM			42.0
13.0			END OF BOREHOLE AT 13.1m - M.P. 72.8 - station 555+66.5, 12m right of highway				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							

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COMPLETION DEPTH 13.1 m		COMPLETE 75/08/
LOGGED BY DA	DWG NO.	Page 2 of 2

SOURCE: 0122.8 B
REPORT: DHC-056

122.8

1228B001

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~124.7~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1247B001~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7199100 E628900	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) - frozen	
1.0			GRAVEL AND SAND (GW-GM) - trace to some silt, occasional cobble	
2.0				
3.0	■	1	- coarser with boulders below 2.7m, visible ice	GM-GW
4.0				
5.0			END OF BOREHOLE AT 4.5m - M.P. 77.5 pit 8m left of highway	
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

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COMPLETION DEPTH 4.5 m		COMPLETE 78/00/00
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0122.8B
REPORT: DHC-056

122.8 1228B002

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~124.7~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1247B002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7199100 E628900	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			ORGANIC (OL)	
			SILT (ML) – some sand, some clay, frozen	
1.0				
2.0				
			GRAVEL (GP-GM) – sandy, some silt, occasional cobble – finer below 2.7m with silt content increasing	
3.0				
			END OF BOREHOLE AT 3.7m – M.P. 77.4 in pit on ridge 8m 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

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COMPLETION DEPTH 3.7 m	COMPLETE 78/00/00
LOGGED BY	DWG NO.

SOURCE : 0122.8B

REPORT : DHC-056

122.8

1228B003

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~124.7~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1247B003~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7199100 E628900	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) - sandy, some clay, frozen	
1.0				
2.0			ICE - from 2.4 to 3.7m	
3.0				
4.0			SILT (ML) - sandy, some clay, frozen	
			END OF BOREHOLE AT 4.5m - M.P. 77.5 in pit 8m 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

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COMPLETION DEPTH 4.5 m		COMPLETE 78/00/00
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0122.8 B
REPORT: DHC-056

122.8

1228B01A

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~124.7~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. 1247R01A
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7199100 E628900	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			ORGANIC (OL)	
			GRAVEL (GP-GM) - sandy, some silt, cobbles and boulders throughout	
2.4			END OF BOREHOLE AT 2.4m - M.P. 77.4, existing pit 10m left 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

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COMPLETION DEPTH 2.4 m		COMPLETE 78/00/00
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: G1228 B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~124.7~~ 122.8 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1247B01B~~ 1228B01B
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7199100 E628900	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 sand, some clay, frozen	
1.0			GRAVEL (GP) - some sand to sandy, trace of silt frozen with visible ice	
2.0	■	1		GP
3.0				
			- becomes coarser with cobbles and boulders	
4.0				
			END OF BOREHOLE AT 4.5m - M.P. 77.5, 30m 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

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COMPLETION DEPTH 4.5 m		COMPLETE 78/00/00
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0122.8 B
REPORT: DAC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~124.7~~ 122.8 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1247B02A~~ 1228B02A
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7199100 E628900	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	PLASTIC / M.C. / LIQUID (20 40 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 (OL)				0.0
			SAND (SM) - silty, some clay, frozen				2.0
1.0							4.0
2.0							6.0
			ICE - from 2.4 to 3.7m				8.0
3.0							10.0
			GRAVEL (GM) - sandy, some silt, occasional boulders, frozen				12.0
4.0							14.0
			END OF BOREHOLE AT 4.5m - M.P. 77.5 in pit 8m 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 78/00/00
	LOGGED BY	DWG NO.

SOURCE: 0122.8B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~124.7~~ 122.8 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1247B02B~~ 122.8B02B
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7199100 E628900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL BOREHOLE NUMBER - BH-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)
0.0			ORGANICS (OL)				0.0
			SILT (ML) - some sand, some clay				2.0
1.0			GRAVEL and SAND (GP-GM) - trace of silt				4.0
2.0							6.0
		1		GP-GM			8.0
3.0							10.0
			- coarser with boulders below 3.7m				12.0
4.0							14.0
			END OF BOREHOLE AT 4.5m - M.P. 77.5, 30m right 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 78/00/00	
	LOGGED BY	DWG NO.	Page 1 of 1

SOURCE : 0122.8B
REPORT : DHC-056

122.8 → 1228B03A

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~124.7~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1247B03A~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7199100 E628900	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) – sandy, some clay, frozen	
1.0				
	■	1	GRAVEL (GM) – sandy, some silt, frozen with visible ice	GM
2.0			– becomes coarser with boulders below 2.4m	
3.0				
4.0				
			END OF BOREHOLE AT 4.5m – M.P. 77.5, 15m 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

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COMPLETION DEPTH 4.5 m		COMPLETE 78/00/00
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0122.8B
REPORT: DHC-038

122.8

1228T001

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~124.7~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1247T001~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7199100 E628900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - TP-1	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) – some clay, some fine sand, trace of gravel	
1.0	■	1	GRAVEL (GM) – some silt, some sand, cobbles and boulders up to 250mm dia., coarse – refusal on permafrost at 1.2m	GM
			END OF TEST PIT AT 1.2m – 100m left of highway in partially stripped area	

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

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

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

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COMPLETION DEPTH 1.2 m		COMPLETE 74/10/12
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0122.8 B
REPORT : DHC-038

122.8 1228T01A

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~134.7~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1247T01A~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7199100 E628900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – TP-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	■	1	GRAVEL (GP) – sandy, trace of silt, cobbles and occasional boulders to 450mm dia. – frozen below .5m, no visible ice	GP		▲ ● ■	0.0
1.0			– refusal in permafrost at 1.2m END OF TEST PIT AT 1.2m – M.P. 77.3 in existing pit on right highway				2.0
2.0							4.0
							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
9.0							32.0
10.0							

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COMPLETION DEPTH 1.2 m		COMPLETE 74/10/22
LOGGED BY	DWG NO.	Page 1 of 1

SOURCE: 0122.8
REPORT: DHC-056

122.8 1228T119

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~124.7~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1247T119~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7199100 E628900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 119	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP) – sandy, trace of silt, cobbles and boulders to 250mm dia.	
1.0	■	1		GP
2.0				
3.0				
4.0			END OF TEST PIT AT 3.7m – M.P. 77.4 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/09/12
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 922.8B
REPORT: DHC-056

1228 1228T120

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~124.7~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1247T120~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7199100 E628900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 120	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – gravelly, some sand, some clay occasional cobbles and boulders	
			GRAVEL (GP–GM) – sandy, trace of silt, cobbles and boulders throughout	
1.0				
2.0	■	1		GP–GM
3.0				
			END OF TEST PIT AT 3.7m – M.P. 77.4 on left side 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/09/12
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0122.8B
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~124.7~~ 122.8 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~124T121~~ 1228 T121
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7199100 E628900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 121	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – some sand, some clay	
			GRAVEL (GP) – some sand, trace of silt, cobbles and boulders throughout	
1.0				
2.0	■	1		GP
3.0			GRAVEL (GM) – some sand, some silt	
4.0			END OF TEST PIT AT 3.7m – km 124.7 on left side 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/09/12
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0122.8 B
REPORT: DHC-056

1228

1228T122

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~124.7~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1247T122~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7199100 E628900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 122	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 to sandy, trace of silt, cobbles and boulders throughout	
1.0				
2.0	■	1		GP
3.0				
			END OF TEST PIT AT 3.7m – km 124.72 on left side 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, 25.0, 28.0, 30.0, 32.0

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COMPLETION DEPTH 3.7 m		COMPLETE 78/09/12
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 01228 B
REPORT: DHC-056

122.8

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~124.7~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1247T123~~ 1228T123
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7199100 E628900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 123	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	GRAVEL (GP-GM) – sandy, some silt, occasional cobbles and boulder	GP-GM
2.1			END OF TEST PIT AT 2.1m – km 124.7 on left side 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

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COMPLETION DEPTH 2.1 m		COMPLETE 78/09/12
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0127.0 R
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~127.5~~ 127.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1273T125~~ 1270T125
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7201650 E629000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 125	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 and boulders throughout	
1.0				
2.0	■	1		GP
3.0				
			END OF TEST PIT AT 3.7m – M.P. 79.1 on right 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/09/14
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0127.0R
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~127.3~~ 127.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1273T126~~ 1270T126
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7201650 E629000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 126	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 to sandy, trace of silt, cobbles and boulders throughout	
1.0				
2.0	■	1		GP
3.0			– holes sloughing badly END OF TEST PIT AT 3.0m – M.P. 79.1 on right 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

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COMPLETION DEPTH 3.0 m		COMPLETE 78/09/14
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0270R
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~127.3~~ 127.0 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1270J/27~~ 1270J/27
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7201650 E629000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 126A	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – some sand, some clay	
1.0				
	■	1	GRAVEL (GP) – sandy, trace of silt, cobbles and boulders throughout	GP
2.0				
3.0			END OF TEST PIT AT 3.0m – M.P. 79.1 on right 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

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COMPLETION DEPTH 3.0 m		COMPLETE 78/09/14
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0131.2 R
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~132.9~~ 131.2 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1329T127~~ 1312T127
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7205400 E629700	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 127	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			GRAVEL (GP) - sandy, trace of silt, cobbles and boulders throughout				0.0
1.0							2.0
							4.0
		1		GP		▲ ● ■	
2.0							6.0
							8.0
3.0							10.0
			END OF TEST PIT AT 3.3m - M.P. 82.5 on left side of highway opposite geodetic survey mark 78Y040				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.3 m	COMPLETE 78/09/14	
	LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 013112R
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~132.9~~ 132 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~13297128~~ 13127128
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7205400 E629700	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 128	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 SILT (OL)				0.0
			GRAVEL (GP) - some sandy, trace of silt, cobbles and boulders throughout				2.0
1.0							4.0
		1		GP			6.0
2.0							8.0
3.0							10.0
			END OF TEST PIT at 3.7m - M.P. 82.5 on right of highway				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.7 m	COMPLETE 78/09/14
	LOGGED BY TM	DWG NO.
		Page 1 of 1

SOURCE - 013.2R
REPORT : DHC-056

13.2

13/2T/29

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~132.9~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1329T129~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7205400 E629700	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 129	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) - some sand, trace of silt, cobbles and boulders throughout	
1.0	■	1		GP
2.0				
3.0				
			END OF TEST PIT AT 3.7m - M.P. 82.5 on righ side of highway - 65m from TP-128	
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 3.7 m	COMPLETE 78/09/14
LOGGED BY TM	DWG NO.

SOURCE: 0131.2 R
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~132.9~~ 131.2 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1329T130~~ 1312T130
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7205400 E629700	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 130	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 (OL) – gravelly, silty, some sand some clay				0.0
			GRAVEL (GP) – some sand, trace of silt, cobbles and boulders throughout				2.0
1.0							4.0
		1		GP		▲ ● ■	6.0
2.0							8.0
3.0							10.0
			END OF TEST PIT AT 3.7m – M.P. 82.5 on right side of highway – 90m from TP-129				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.7 m	COMPLETE 78/09/14
	LOGGED BY TM	DWG NO.
		Page 1 of 1

SOURCE: 0131.2R
REPORT: DAC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~132.9~~ 131.2 YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1329T133~~ 1312T133
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7205400 E629700	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT 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 ■ (20 40 60 80) / ● PERCENT SAND ● (20 40 60 80) / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL (GP-GM) - sandy, trace of silt, cobbles and boulders throughout				0.0
							2.0
1.0			- becomes finer below .9m with fewer cobbles and increased silt content				4.0
2.0							6.0
							8.0
3.0		1		GP-GM		▲ ● ■	10.0
			END OF TEST PIT AT 3.7m - M.P. 82.5 on right side of highway of ridge in creek bed				12.0
4.0							14.0
5.0							16.0
							18.0
6.0							20.0
							22.0
7.0							24.0
8.0							26.0
							28.0
9.0							30.0
							32.0
10.0							

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 3.7 m	COMPLETE 78/09/14
	LOGGED BY TM	DWG NO.

SOURCE: 01312R
REPORT: DHC-056

131.2 1312T134

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~132.9~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1329T134~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7205400 E629700	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 134	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			GRAVEL (GP-GM) - sandy, trace of silt, occasional cobble throughout	
1.0				
2.0	■	1		GP-GM
3.0			END OF TEST PIT AT 3.0m - M.P. 82.5 on right 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

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COMPLETION DEPTH 3.0 m		COMPLETE 78/09/14
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0131.2R
REPORT : DHC-056

~~0131.2~~ 13/2T132

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~133.3~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1333T132~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7205750 E629900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 132	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 and boulders throughout	
2.0	■	1		GP
3.0				
	■	2	GRAVEL and SAND (GP) – trace of silt, occasional cobble	GP
3.7			END OF TEST PIT AT 3.7m – M.P. 82.8 on right side 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.
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COMPLETION DEPTH 3.7 m		COMPLETE 78/09/14
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0131.212
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~133.5~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~13337135~~ 13/2T135
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7205750 E629900	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 135	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) – some sand, some clay	
			GRAVEL (GP) – sandy, trace of silt, occasional cobbles and boulders throughout	
2.4			END OF TEST PIT AT 2.4m – M.P. 82.8 on left side 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

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Whitehorse, Yukon

COMPLETION DEPTH 2.4 m		COMPLETE 78/09/15
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE : 0136.0 L
REPORT : DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~137.4~~ 136.0 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~13747136~~ 13601136
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7209750 E632200	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 136	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 and boulders throughout	
1.0	■	1		GP
2.0			– sloughing badly upon completion	
			END OF TEST PIT AT 2.4m	
			– M.P. 85.4 in existing borrow pit 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

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COMPLETION DEPTH 2.4 m	COMPLETE 78/09/15
LOGGED BY TM	DWG NO.

SOURCE: 01528 L
REPORT: DHC-056

152.8 1528T138

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~154.5~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1545T138~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7218100 E628800	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 138	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 and boulders throughout	
1.0	■	1		GP
2.0				
3.0			SILT (ML) – gravelly, some sand, some clay	
4.0			END OF TEST PIT AT 3.7m – M.P. 96.0 on left side 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/09/16
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0152.8L
REPORT : DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~154.5~~ 152.8 YUKON, LEFT OF HIGHWAY	BOREHOLE No: ~~154571~~ 1528T139
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7218100 E628800	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 139	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – gravelly, some sand, some clay and boulders throughout	
1.0	■	1	GRAVEL (GP) – sandy, trace of silt, cobble boulders throughout	GP
2.0			END OF TEST PIT AT 2.7m – M.P. 96.0 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

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COMPLETION DEPTH 2.7 m		COMPLETE 78/09/16
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0152.8L
REPORT: DAC-056

152.8 1528T140

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~154.5~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1545T140~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7218100 E628800	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 140	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – gravelly, some sand, some clay cobbles and boulders throughout	
1.0	■	1	GRAVEL (GP–GM) – sandy, some silt, cobbles and boulders throughout	GP–GM
2.0				
3.0			END OF TEST PIT AT 3.3m – M.P. 96.0 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

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COMPLETION DEPTH 3.3 m		COMPLETE 78/09/16
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0152.8
REPORT: DHC-056

152.8

152ST141

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~154.5~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~154ST141~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7218100 E628800	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 141	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 (ML) - gravelly, some sand, some clay cobbles and boulders throughout				0.0
1.0			- becomes very wet to saturated below 1.2m - water at 1.5m upon completion				4.0
2.0			END OF TEST PIT AT 1.5m - M.P. 96 on left of highway				6.0
3.0							10.0
4.0							12.0
5.0							16.0
6.0							20.0
7.0							24.0
8.0							26.0
9.0							30.0
10.0							32.0

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COMPLETION DEPTH 1.5 m		COMPLETE 78/09/16
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 01586 L
REPORT: DHC-056

158.6 1586 T142

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~160.9~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1609T142~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7221000 E624000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 142	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 and boulders throughout	
1.0	■	1		GP
2.0			– refusal on boulders	
			END OF TEST PIT AT 2.7m – M.P. 100 on left side of highway opposite airstrip	
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

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COMPLETION DEPTH 2.7 m		COMPLETE 78/09/18
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 058.6 L
REPORT: DHC-056

1586

1586/T143

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~160.9~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1609T143~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7221000 E624000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 143	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 and boulders throughout	
1.0				
2.0	■	1		GP
3.0				
4.0			END OF TEST PIT AT 3.7m – M.P. 100 on left side 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

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COMPLETION DEPTH 3.7 m		COMPLETE 78/09/18
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0158.6 L
REPORT: DHC-056

158.6 1586T144

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~160.9~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~160971144~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7221000 E624000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 144	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, cobbles and boulders throughout				0.0
1.0	■	1		GP		▲ ● ■	4.0
2.0			– refusal on boulders END OF TEST PIT AT 2.1m – M.P. 100 on left of highway approximately 7m from dyke wall (NOTE: creek dry at time of excavation)				6.0
3.0							10.0
4.0							12.0
5.0							16.0
6.0							20.0
7.0							24.0
8.0							26.0
9.0							28.0
10.0							30.0
							32.0

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COMPLETION DEPTH 2.1 m		COMPLETE 78/09/18
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE : 0158.6L
REPORT : DHC - 056

1586 1586T145

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~160.9~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1600T145~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7221000 E624000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 145	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 and boulders throughout	
1.0	■	1		GP
2.0	■			
3.0			END OF TEST PIT AT 3.0m - M.P. 100 on left side 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

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COMPLETION DEPTH 3.0 m		COMPLETE 78/09/18
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0158.6L
REPORT: DHC-056

158.6 158.6T146

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~160.8~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1609T146~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7221000 E624000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 146	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 and boulders throughout	
1.0	■	1		GP
2.0	■			
3.0			END OF TEST PIT AT 3.0m – M.P. 100 on left side 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

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COMPLETION DEPTH 3.0 m		COMPLETE 78/09/18
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0158,62
REPORT: DHC-056

158.6

1586T 147

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~160.9~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~160971147~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7221000 E624000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 147	ELEVATION 0.000 (m)

SAMPLE TYPE ■ GRAB ⊘ NO RECOVERY ⊠ SPLIT SPOON

DEPTH (m)	SAMPLE TYPE	SAMPLE NO	SOIL DESCRIPTION	USC
0.0			SILT (ML) – gravelly, some sand, some clay occasional cobbles	
1.0	■	1	GRAVEL (GP–GM) – sandy, some silt, cobbles and boulders throughout	GP–GM
2.0			END OF TEST PIT AT 2.4m – M.P. 100 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

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COMPLETION DEPTH 2.4 m		COMPLETE 78/09/18
LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 0158.6 L
REPORT: DHC-056

158.6 1586T148

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~160.0~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1609T148~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7221000 E624000	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER - 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 ■ (20 40 60 80) / ● PERCENT SAND ● (20 40 60 80) / ▲ PERCENT FINES ▲ (20 40 60 80)	DEPTH (ft)
0.0			GRAVEL (GP-GM) - sandy, trace of silt, cobbles and boulders throughout				0.0
1.0	GRAB	1		GP-GM		▲ ● ■	2.0, 4.0
2.0			- becomes cleaner below 1.8m				6.0
			END OF TEST PIT AT 2.4m - M.P. 100 on left side of highway				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
8.0							26.0, 28.0
9.0							30.0
10.0							32.0

EBA Engineering Consultants Ltd. Whitehorse, Yukon	COMPLETION DEPTH 2.4 m	COMPLETE 78/09/18	
	LOGGED BY TM	DWG NO.	Page 1 of 1

SOURCE: 01683 L
REPORT: DHC-056

1683 1683B001

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~170.5~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1703~~B001
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7229400 E623300	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 sand, some clay, frozen with visible ice	
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. 105.5, 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

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

SOURCE: 0168.3L
REPORT: DHC-056

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~170.3~~ 168.3 YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1703B002~~ 1683B002
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7229400 E623300	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)	
			SILTY (ML) - some clay, some sand, frozen with visible ice	
1.0				
			GRAVEL and SAND (GW-GM) - trace of silt, rock fragments throughout, frozen	
2.0	■	1		GW-GM
3.0				
4.0			END OF BOREHOLE AT 4.5m - M.P. 105.8, 60m 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

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

SOURCE: 0168.3L
REPORT: DHC-056

1683 1683B003

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~170.5~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1703B003~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7229400 E623300	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) - clayey, some sand, frozen with visible ice	
1.0				
2.0			GRAVEL (GP) - sandy, trace of silt, frozen visible ice	
	■	1		GP
3.0				
4.0				
5.0				
6.0				
7.0				
8.0				
9.0			END OF BOREHOLE AT 9.1m - M.P. 105.8, 65m 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

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

SOURCE: 0168.3L
REPORT: DHC-056

168.3 1683B004

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~170.5~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1703B004~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7229400 E623300	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)	
			SAND (SM) – silty, shale fragments, frozen	
1.0				
2.0				
3.0	■	1	GRAVEL (GP) – sandy, trace of silt, frozen	GP
4.0	■			
			END OF BOREHOLE AT 4.5m – M.P. 105.8, 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

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

SOURCE: 0168.3L
REPORT: DHC-056

168.3 1683B01A

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~170.4~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1704B001~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7229500 E623350	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) – frozen	
1.0			GRAVEL (GP) – some sand, trace of silt, trace of clay, cobbles and boulders throughout	
2.0	■	1		GP
3.0				
4.0				
5.0			END OF BOREHOLE AT 4.5m – M.P. 105.9, 50m left of highway	
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

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

SOURCE: 0168.3L
REPORT: DHC-056

168.3

1683B02A

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~170.4~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1704B002~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7229500 E623350	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			SILT (ML) – sandy, some clay, frozen with visible ice	
1.0				
2.0	■	1	GRAVEL (GP) – sandy, trace of silt	GP
3.0			– becomes coarser with cobbles and boulders below 2.7m	
4.0				
5.0			END OF BOREHOLE AT 4.5m – M.P. 105.9, left of highway	
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

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

SOURCE: 0168.3L
REPORT: DAC-056

168.3 1683B03A

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~170.4~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1704B003~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7229500 E623350	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) - clayey, sandy, shale fragments throughout, frozen	
1.0				
2.0	■	1	GRAVEL and SAND (GW-GM) - trace of silt	GW-GM
3.0				
4.0				
			END OF BOREHOLE AT 4.5m - M.P. 105.9, 70m 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

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

SOURCE: 0168.3L
REPORT: DHC-056

168.3

1683B04A

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~170.4~~ YUKON, LEFT OF HIGHWAY	BOREHOLE No. ~~1704B004~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7229500 E623350	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			MOSS COVER	
			ORGANIC SILT and SAND (OL) – shale fragments throughout, frozen	
1.0				
2.0	■	1		OL
			GRAVEL and SAND (GP–GM) – trace of silt	
3.0	■			
4.0	■	2		GP–GM
			END OF BOREHOLE AT 4.5m – M.P. 105.9, 70m 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 ■
● 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

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

SOURCE : 0189.2 R
REPORT : DHC-056

189.2

189.2 T 171

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~190.3~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~190~~ T171
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7248100 E628500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 171	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	GP
1.0			END OF TEST PIT AT 0.9m – M.P. 118.25 on right side 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

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

SOURCE: 0189.2 R
REPORT: DHC-056

189.2 189.2 T 172

DEMPSTER HIGHWAY CORRIDOR	SOURCE: KM ~~130.5~~ YUKON, RIGHT OF HIGHWAY	BOREHOLE No. ~~1903 T 172~~
GRANULAR RESOURCE INVENTORY	UTM ZONE: 7 N7248100 E628500	Project No: 0201-4800
PUBLIC WORKS CANADA	ORIGINAL TEST PIT NUMBER – 172	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 and SAND (GP) – trace of silt – water at 0.2m upon completion				0.0
1.0			END OF TEST PIT AT 0.9m – M.P. 118.25 on right of highway				2.0
2.0							4.0
3.0							6.0
4.0							8.0
5.0							10.0
6.0							12.0
7.0							14.0
8.0							16.0
9.0							18.0
10.0							20.0
							22.0
							24.0
							26.0
							28.0
							30.0
							32.0

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