



26.0  
27.0  
28.0  
29.0  
30.0

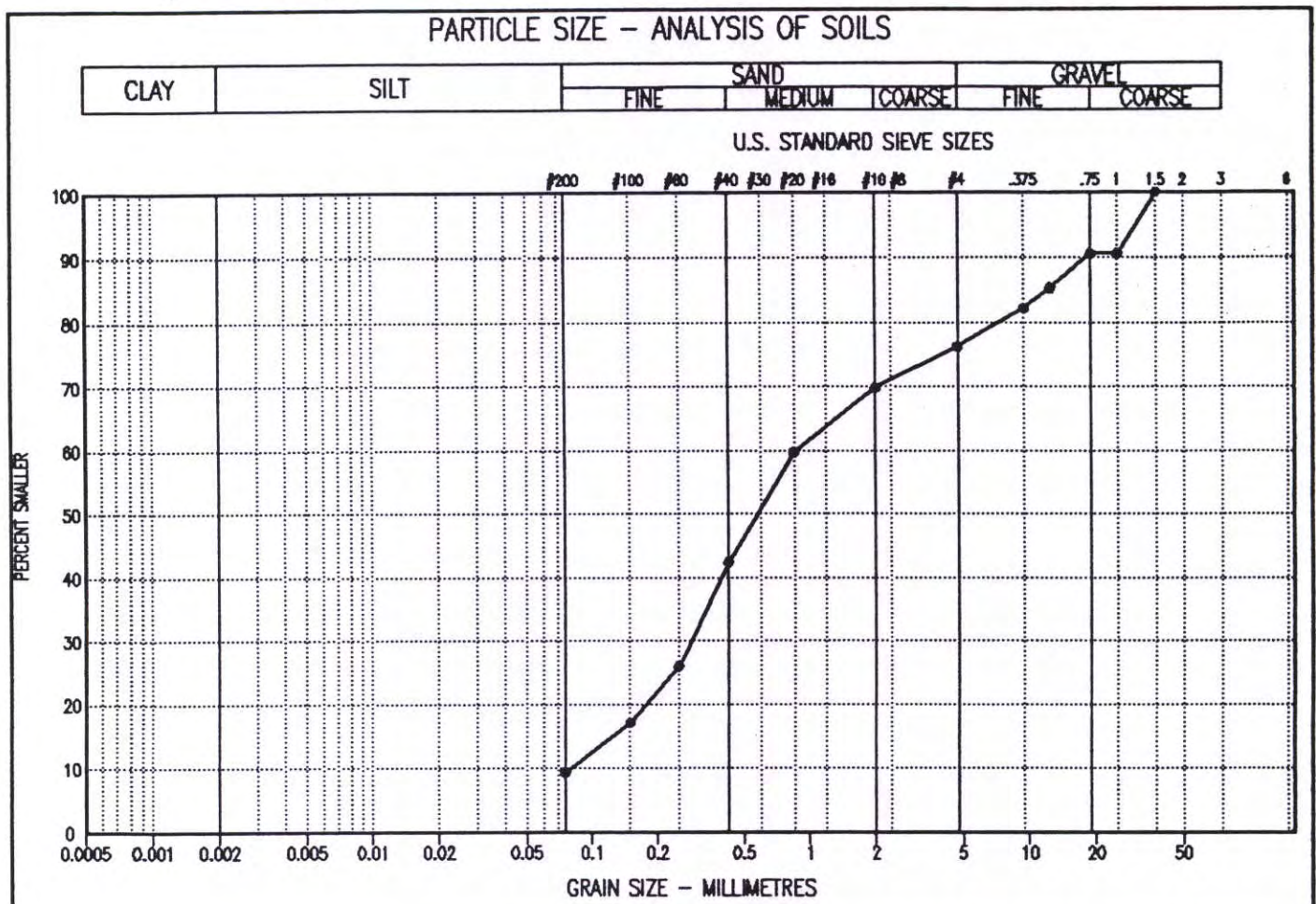
647.0  
645.0

EBA Engineering Consultants Ltd.

LOGGED BY: MEB  
REVIEWED BY: JRT

COMPLETION DEPTH: 15 m  
COMPLETE: 98/05/26

EBA Engineering



SYMBOL	BOREHOLE NUMBER	DEPTH (m)	DESCRIPTION			Cu	Cc	U.S.C
			CLAY & SILT %	SAND %	GRAVEL %			
●—●	13319-BH26	6.00 - 6.50	9.3	66.9	23.8	10.8	1.2	SW-SM

Project: 0201-98-13319

Date Tested: 98/05/29

BY: KD

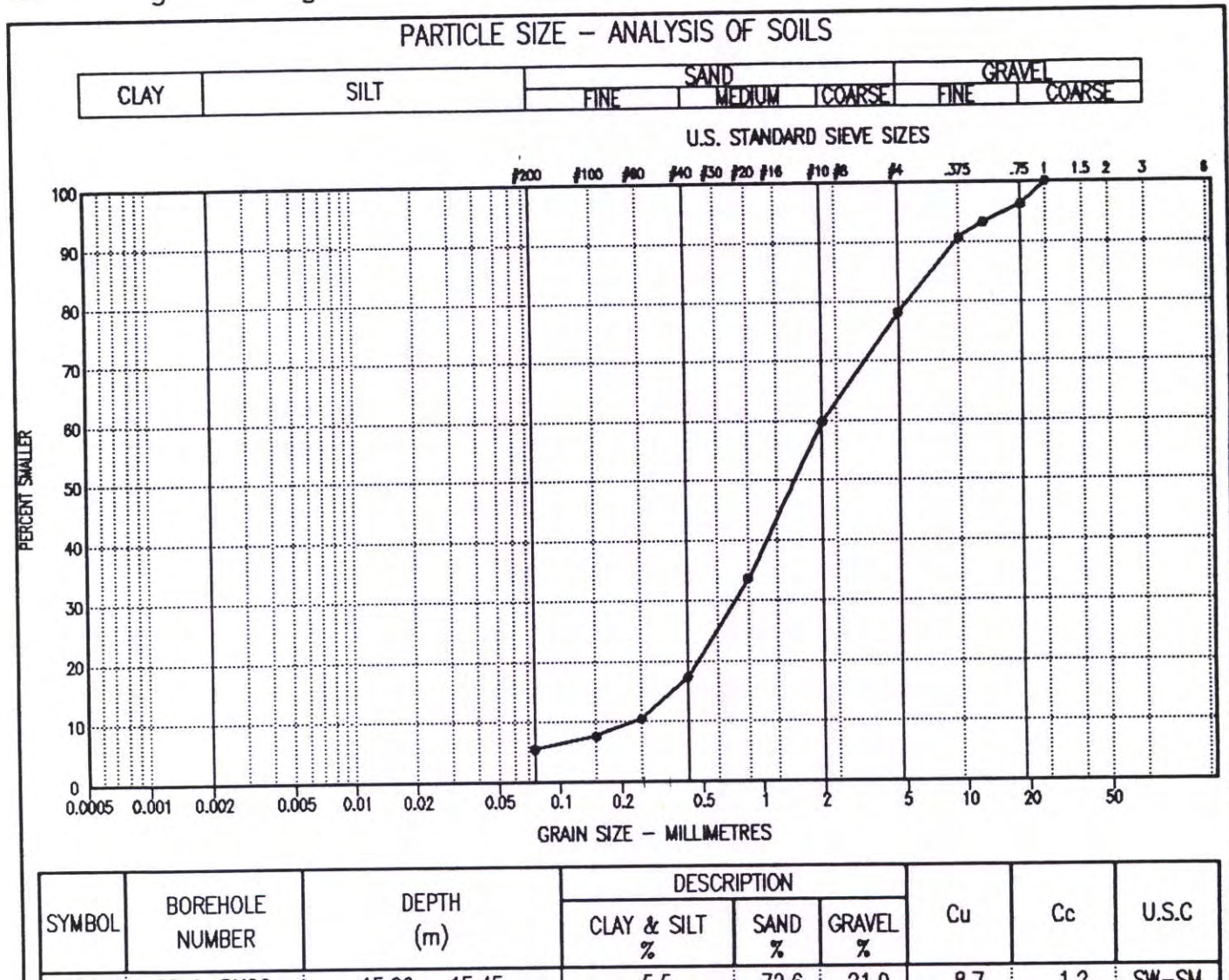
Tested in accordance with ASTM D422 unless otherwise noted.

Data presented hereon is for the sole use of the stipulated client. EBA is not responsible, nor can be held liable, for use made of this report by any other party, with or without the knowledge of EBA

The testing services reported herein have been performed by an EBA technician to recognized industry standards, unless otherwise noted. No other warranty is made. These data do not include or represent any interpretation or opinion of specification compliance or material suitability. Should engineering interpretation be required, EBA will provide it upon written request.



# EBA Engineering



Project: 0201-98-13319

Date Tested: 98/05/29

BY: KD

Tested in accordance with ASTM D422 unless otherwise noted.

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GEO TECHNICAL INVESTIGATION				CLIENT: YTG, ENGINEERING & DEVELOPMENT				BOREHOLE NO: 13319-MW27							
SOLID WASTE DISPOSAL FACILITY				DRILL: CME 750, HOLLOW STEM				PROJECT NO: 0201-98-13319							
MARSH LAKE, YT				UTM ZONE: 8 N6714644 E531213				ELEVATION: 699.52 m							
SAMPLE TYPE		GRAB		NO RECOVERY		ODEX GRAD		75 mm SPOON		CRREL BARREL		CORE			
BACKFILL TYPE		BENTONITE		PEA GRAVEL		SLOUGH		GROUT		DRILL CUTTINGS		SAND			
DEPTH(m)	SAMPLE TYPE	SAMPLE NO	USC	SOIL SYMBOL	SOIL DESCRIPTION	STANDARD PENETRATION				PERCENT GRAVEL				WELL INSTALLATION	ELEVATION(m)
						10	20	30	40	20	40	60	80		
						PLASTIC M.C. LIQUID				PERCENT SAND					
						10 20 30 40				20 40 60 80					
										PERCENT SILT OR FINES					
										20 40 60 80					
										PERCENT CLAY					
										20 40 60 80					
0.0		145			MOSS, TYPICAL FOREST FLOOR VEGETATION										699.0
1.0					SILT - some clay, non-plastic, crumbly, damp, light grey										
2.0					-becomes dry, beige in colour @ 0.6 m										
3.0					SAND - some silt, fine to medium grained sand sizes, poorly graded, dry, light brown										
4.0															
5.0					- becomes gravelly for approximately 0.6 m then turns to sand again (as indicated by auger action)										
6.0															
7.0					- gravelly, odd cobble, dry, brown										
8.0					-no sample in split spoon for # 146 (cobble interference)										
9.0		146													
10.0															
11.0					- becomes more gravelly, difficult drilling										
12.0															
13.0					- less gravel (drilling more smoothly)										
14.0															
15.0															
16.0															
17.0					- trace of silt, trace of gravel, fine to medium grained sizes, well sorted, poorly graded, dry, light brown										
18.0		147	SP-SM												

26.0  
27.0  
28.0  
29.0  
30.0

673.0  
671.0

EBA Engineering Consultants Ltd.  
Whitehorse, Yukon

LOGGED BY: MEB  
REVIEWED BY: JRT  
Fig. No:

COMPLETION DEPTH: 21.9 m  
COMPLETE: 98/05/26

Page 1 of 1

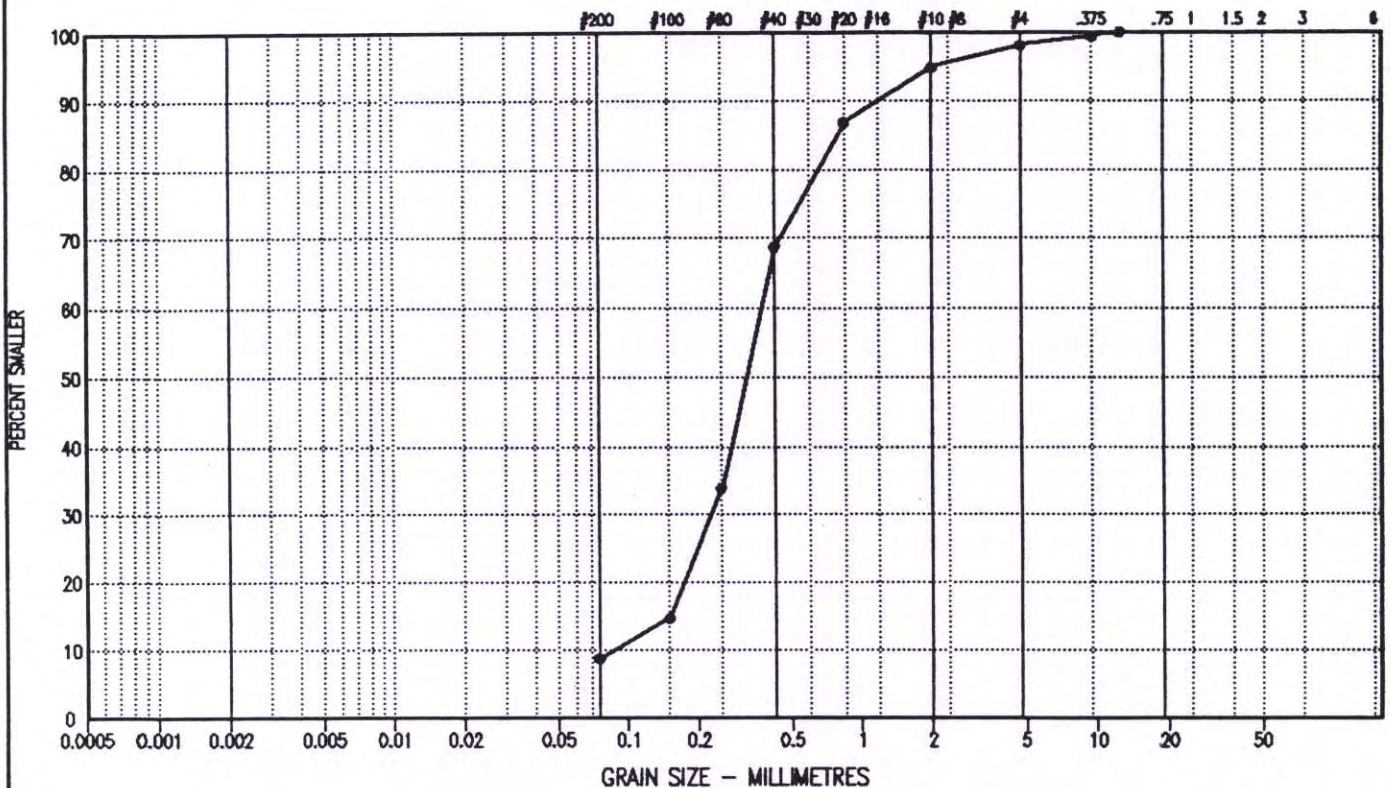
98/07/15 10:53AM (YUKON30)

EBA Engineering

PARTICLE SIZE - ANALYSIS OF SOILS

CLAY	SILT	SAND			GRAVEL	
		FINE	MEDIUM	COARSE	FINE	COARSE

U.S. STANDARD SIEVE SIZES



SYMBOL	BOREHOLE NUMBER	DEPTH (m)	DESCRIPTION			Cu	Cc	U.S.C
			CLAY & SILT %	SAND %	GRAVEL %			
●—●	13319-BH27	18.00 - 18.45	8.7	89.3	2.0	4.2	1.5	SP-SM

Project: 0201-98-13319

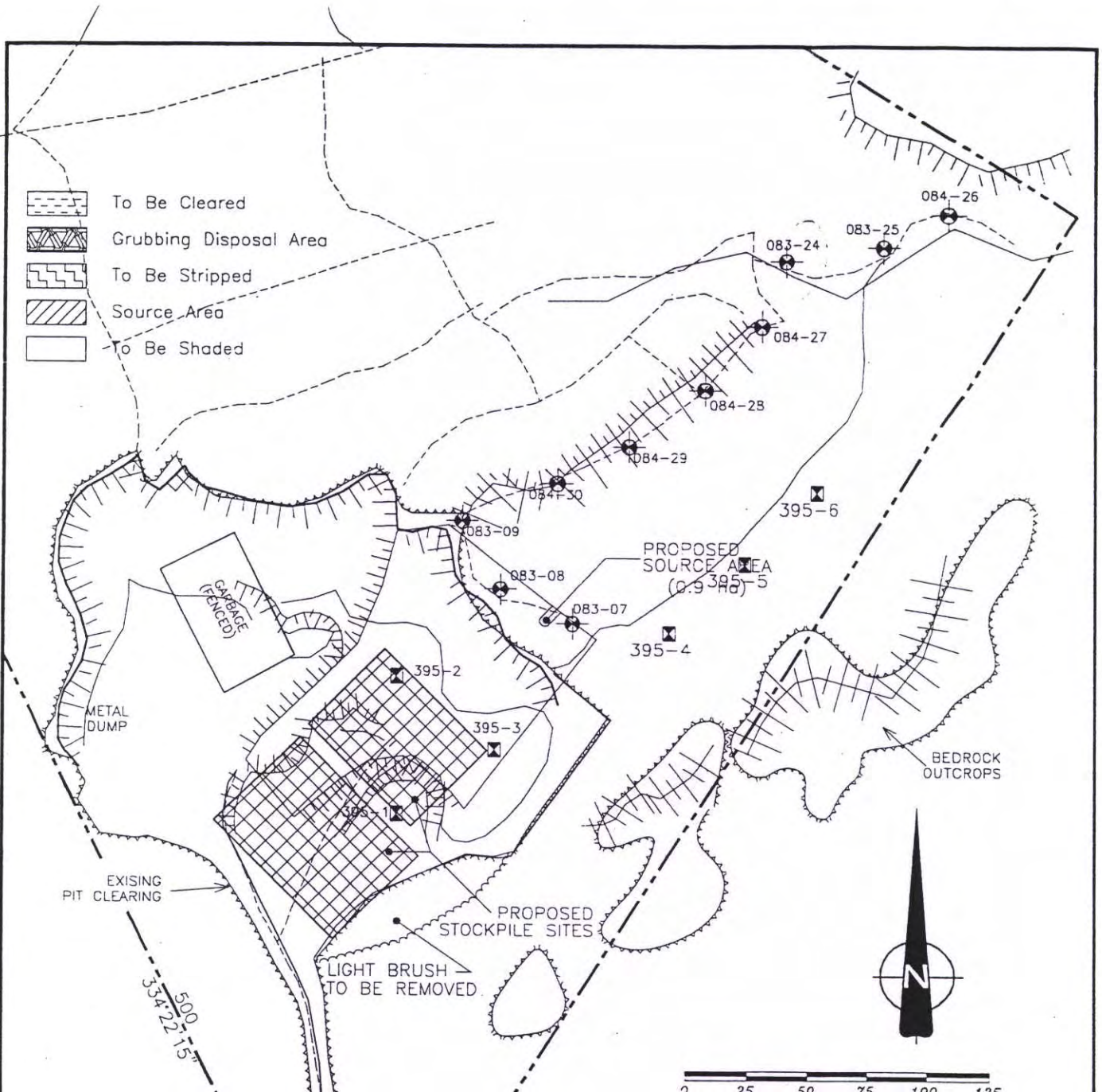
Date Tested: 98/05/29

BY: KD

Tested in accordance with ASTM D422 unless otherwise noted.

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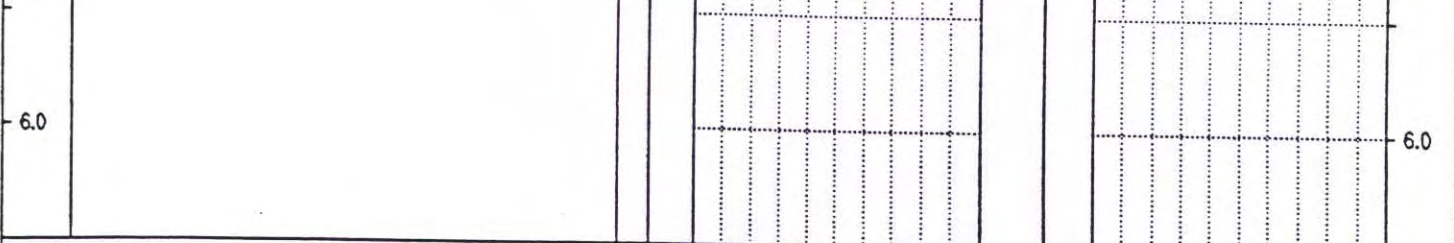
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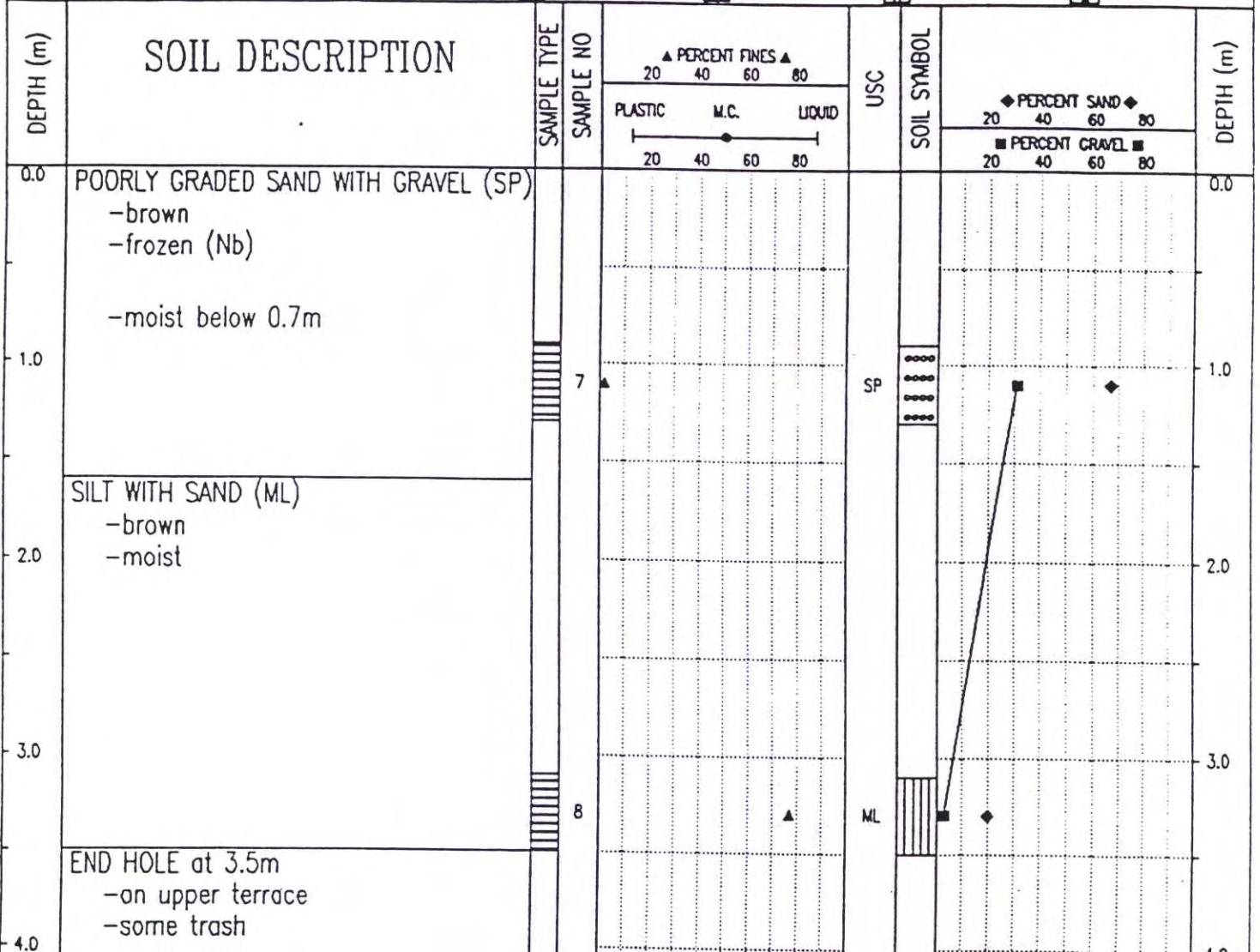


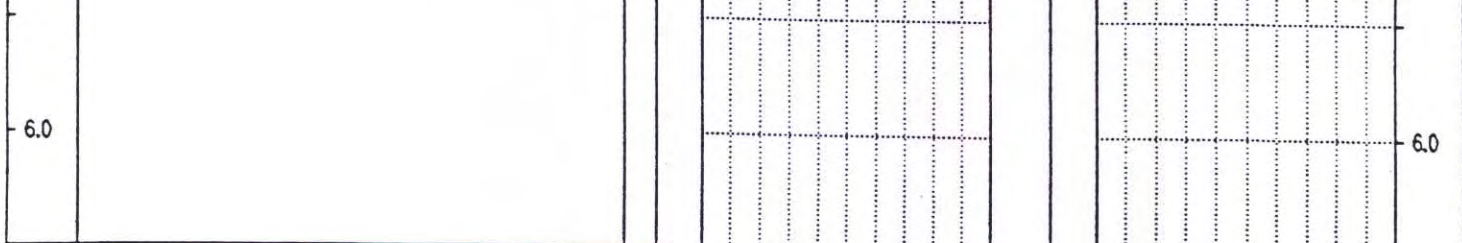


Government of Yukon  
Transportation Engineering

LOGGED BY: DT	COMPLETION DEPTH: 5.0 m
REVIEWED BY:	COMPLETE: 95/12/01

SUBSURFACE EXPLORATION AND TEST REPORT	ALASKA HIGHWAY GRANULAR INVESTIGATION	TEST PIT NO: 395-03
ENGINEERING-MAINTENANCE	105-D-11	Project No: 091-260001-3542
BACKHOE: CASE 688	LOCATION: See Plan	ELEVATION: 0.00 (m)
SAMPLE TYPE	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> S.P.T. <input checked="" type="checkbox"/> AUGER <input type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE	



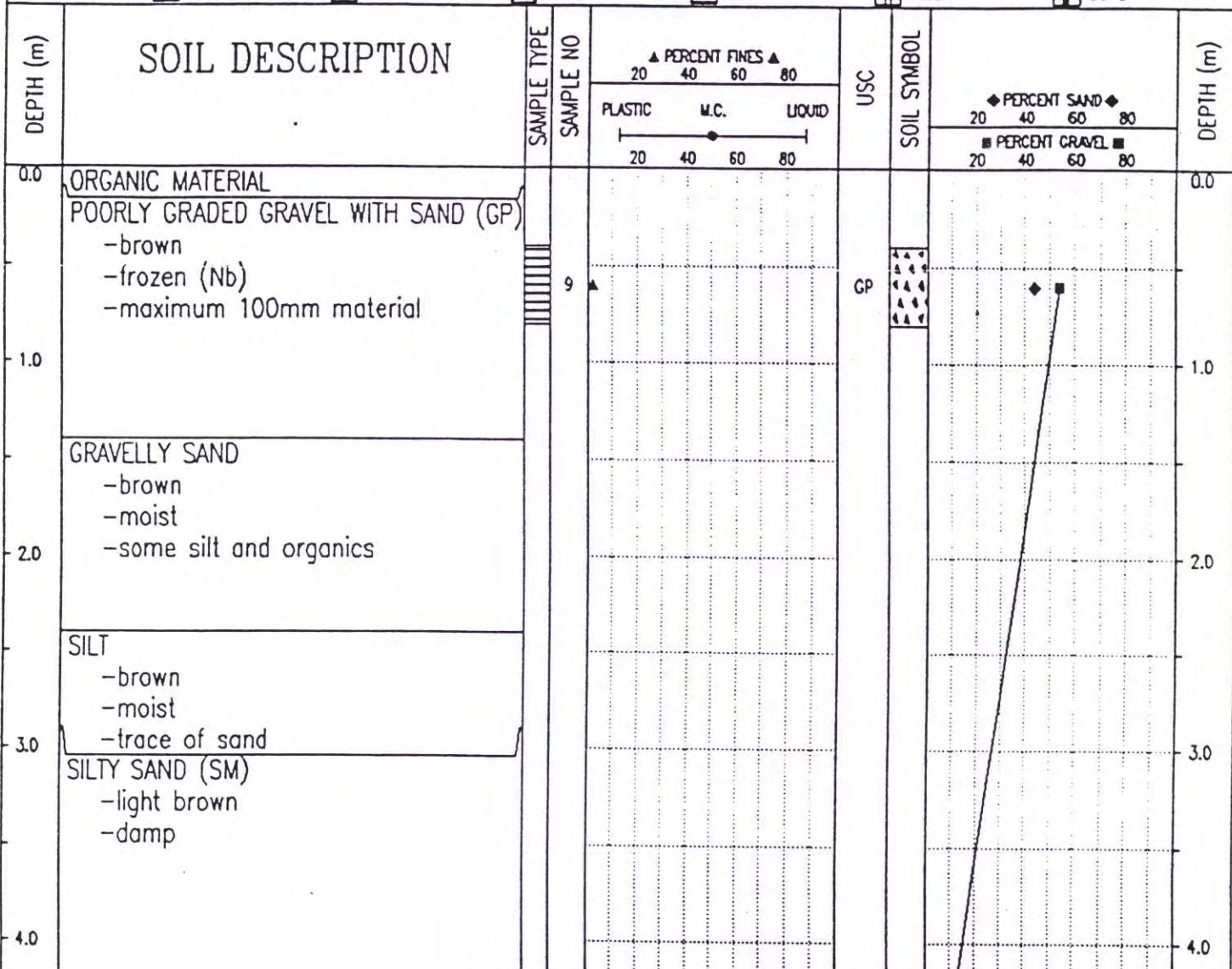


Government of Yukon

LOGGED BY: DT  
REVIEWED BY:

COMPLETION DEPTH: 3.5 m  
COMPLETE: 05/12/11

SUBSURFACE EXPLORATION AND TEST REPO.	ALASKA HIGHWAY GRANULAR INVESTIGATION	TEST PIT NO: 395-04
ENGINEERING-MAINTENANCE	105-D-11	Project No: 091-260001-3542
BACKHOE: CASE 688	LOCATION: See Plan	ELEVATION: 0.00 (m)
SAMPLE TYPE <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> S.P.T. <input checked="" type="checkbox"/> AUGER <input type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE		



SUBSURFACE EXPLORATION AND TEST REP.		ALASKA HIGHWAY GRANULAR INVESTIGATION		TEST PIT NO: 395-05	
ENGINEERING-MAINTENANCE		105-D-11		Project No: 091-260001-3542	
BACKHOE: CASE 688		LOCATION: See Plan		ELEVATION: 0.00 (m)	
SAMPLE TYPE		<input checked="" type="checkbox"/> RETURN	<input checked="" type="checkbox"/> S.P.T.	<input checked="" type="checkbox"/> AUGER	<input type="checkbox"/> BULK
		<input type="checkbox"/> TUBE	<input type="checkbox"/> CORE		

DEPTH (m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES			USC	SOIL SYMBOL	PERCENT SAND & GRAVEL			DEPTH (m)
				PLASTIC	M.C.	LIQUID			PERCENT SAND	PERCENT GRAVEL		
0.0	ORGANIC MATERIAL											0.0
0.0 - 1.0	POORLY GRADED SAND WITH GRAVEL (SP) -brown -frozen (Nb) -damp below 0.6m -some organics -maximum 100mm material		11					SP				0.0 - 1.0
1.0 - 2.0	SILTY SAND WITH GRAVEL (SM) -light brown -damp											1.0 - 2.0
2.0 - 4.0												2.0 - 4.0
4.0	END HOLE at 4.0m		12					SM				4.0



6.0

6.0

Government of Yukon  
Transportation Engineering

LOGGED BY: DT

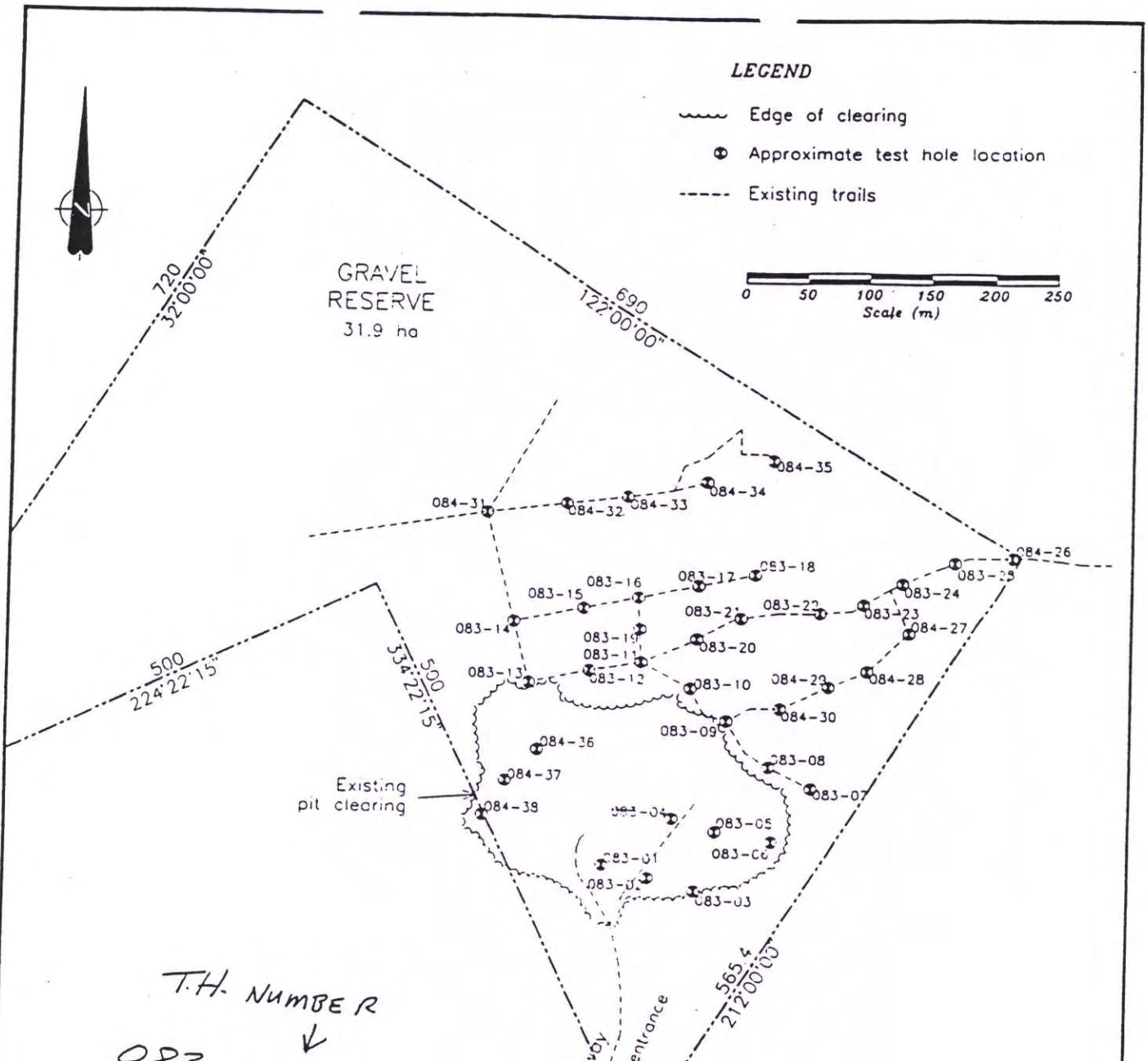
COMPLETION DEPTH: 2.3 m

REVIEWED BY:

COMPLETE: 95/12/01

Fig No:

Date: 12/01



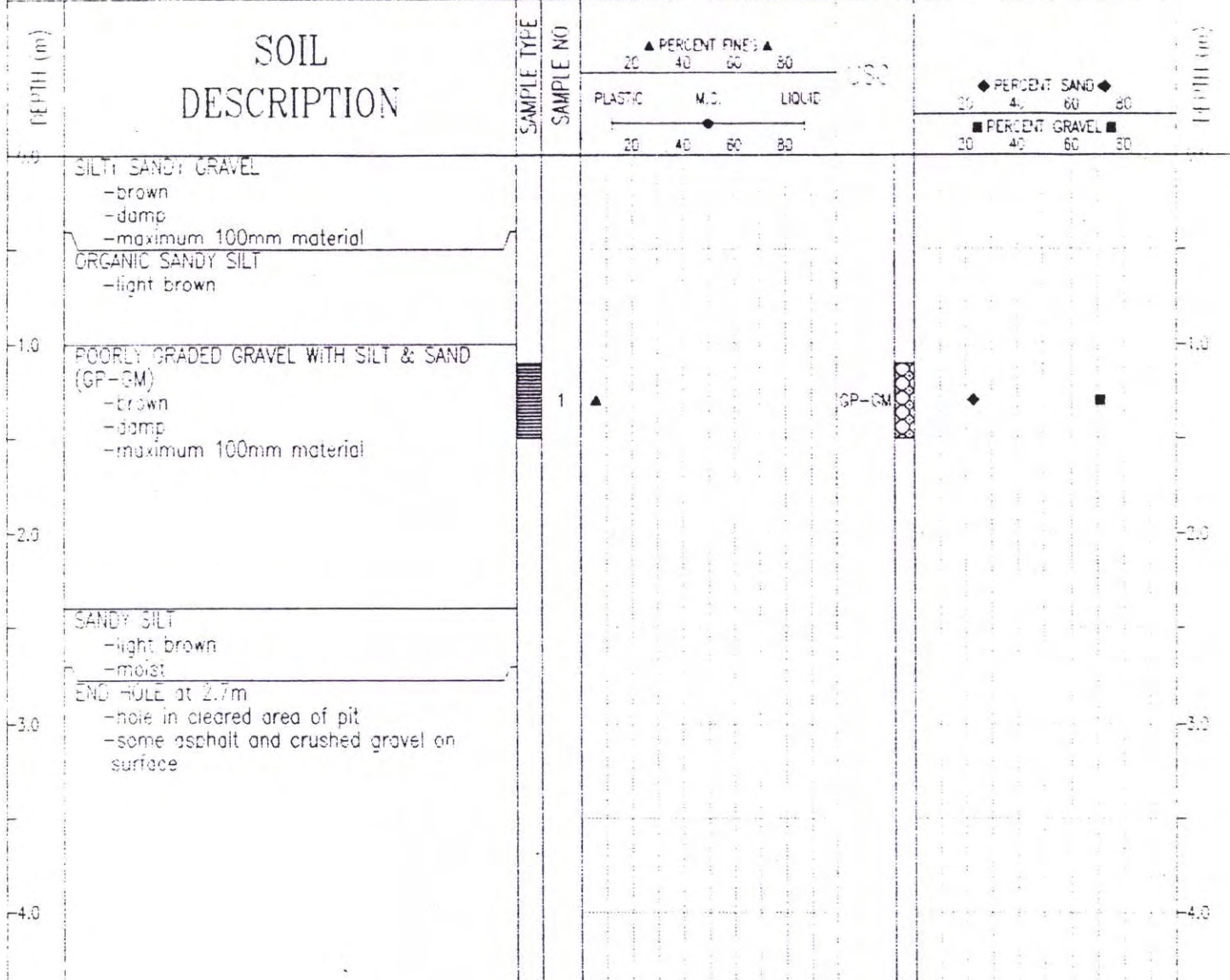


Transportation Engineering Branch

SITE PLAN  
 PRODUCE AND STOCKPILE  
 AGGREGATE  
 Km 1429 RHS  
 (Marsh Lake Dump)

designed: D.S.
drawn: D.S.
app'd:
date:
scale: 1 : 5,000

SUBSURFACE EXPLORATION AND TEST REPORT	ALASKA HIGHWAY GRANULAR INVESTIGATION	BOREHOLE No <b>083-01</b>
PWC/O&M YUKON	A/H KM 1428.5 RHS	Project No: 105D-11
BACKHOE, CAT 225	LOCATION: See Plan	ELEVATION 0.000 (m)
SAMPLE TYPE <input type="checkbox"/> RETURN <input type="checkbox"/> S.P.T. <input checked="" type="checkbox"/> AUGER <input type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE		



5.0

5.0

Public Works Canada  
Whitehorse, Yukon Territory.

COMPLETION DEPTH 2.7 m

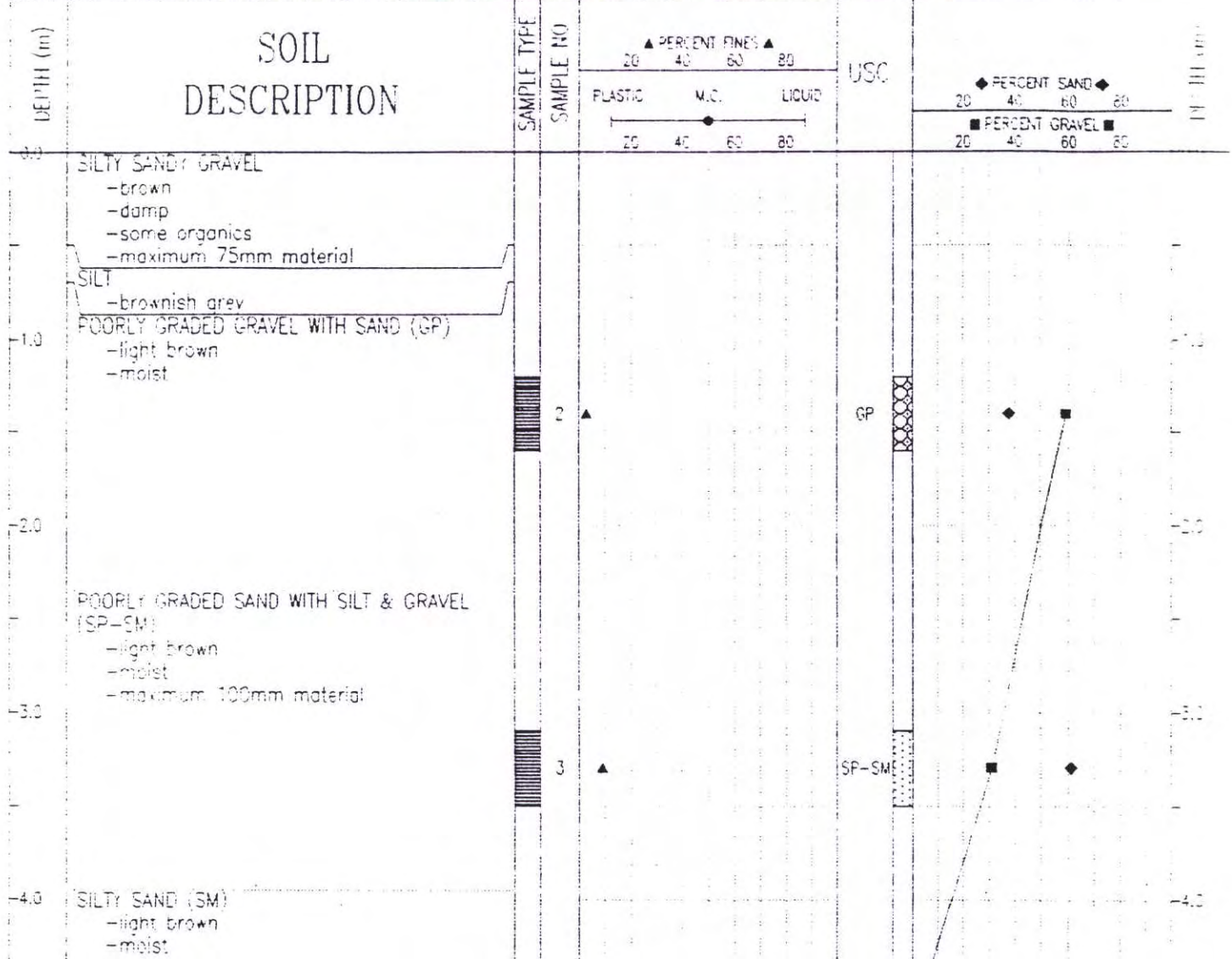
COMPLETE 90/05/28

LOGGED BY DT

DWG NO.

Page 1 of 1

SUBSURFACE EXPLORATION AND TEST REPORT	ALASKA HIGHWAY GRANULAR INVESTIGATION	BOREHOLE No. <b>083-02</b>
PWC O&M YUKON	A/H KM 1428.5 RHE	Project No: 195D-11
BACKHOE, CAT 225	LOCATION: See Plan	ELEVATION 3,000 (m)
SAMPLE TYPE <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> S.P.T. <input type="checkbox"/> ALKER <input type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE		



Public Works Canada  
Whitehorse, Yukon Territory.

COMPLETION DEPTH 5.0 m

COMPLETE 90/05/28

LOGGED BY DT

DWG NO.

Page 1 of 1

SUBSURFACE EXPLORATION AND TEST REPORT	ALASKA HIGHWAY GRANULAR INVESTIGATION	BOREHOLE No <b>083-03</b>
PWC/O&M YUKON	A/H KM 1428.5 RHS	Project No: 105D-11
BACKHOE CAT 225	LOCATION: See Plan	ELEVATION 0.000 (m)
SAMPLE TYPE <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> S.P.T. <input checked="" type="checkbox"/> AUGER <input type="checkbox"/> PULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE		

