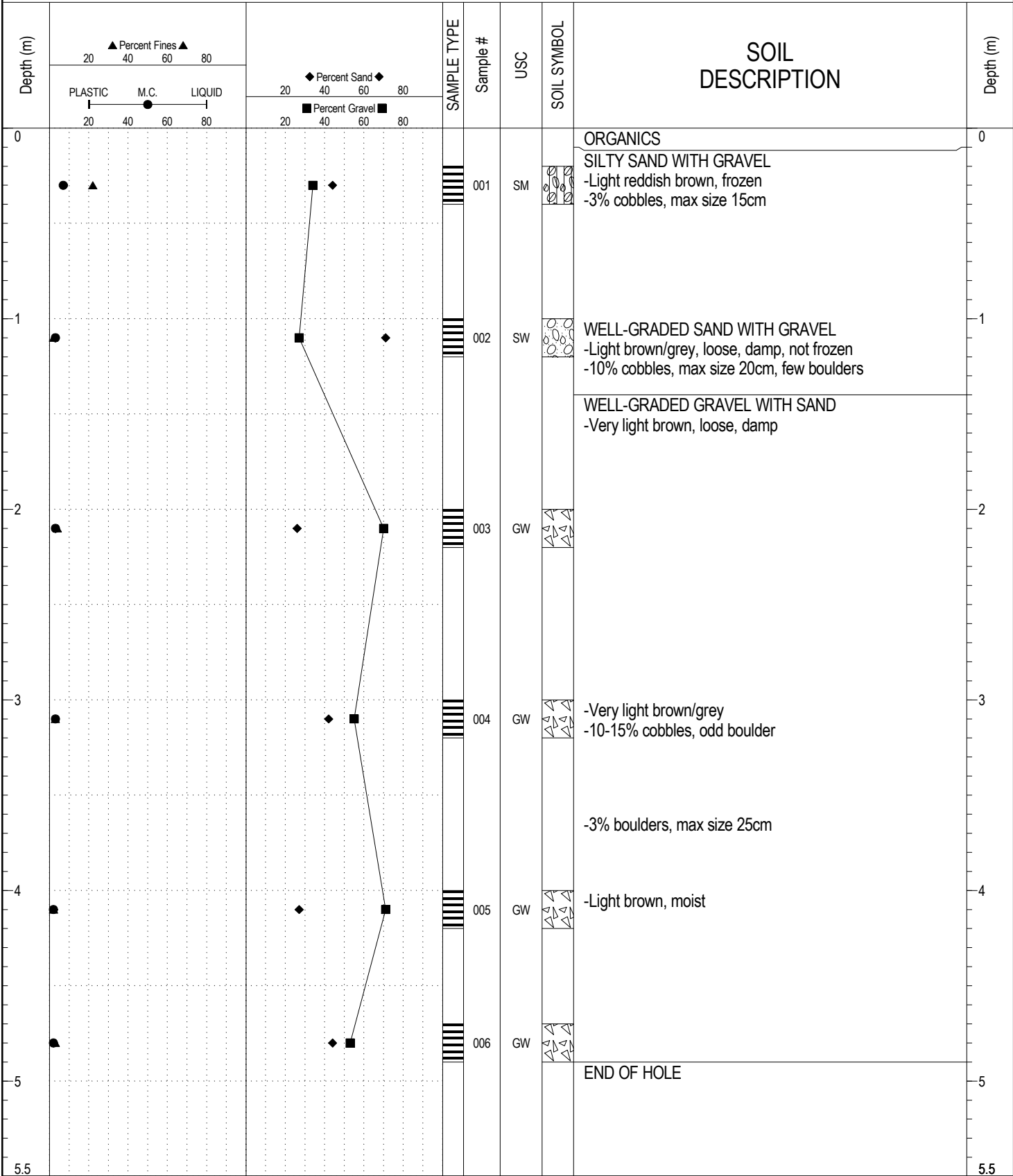
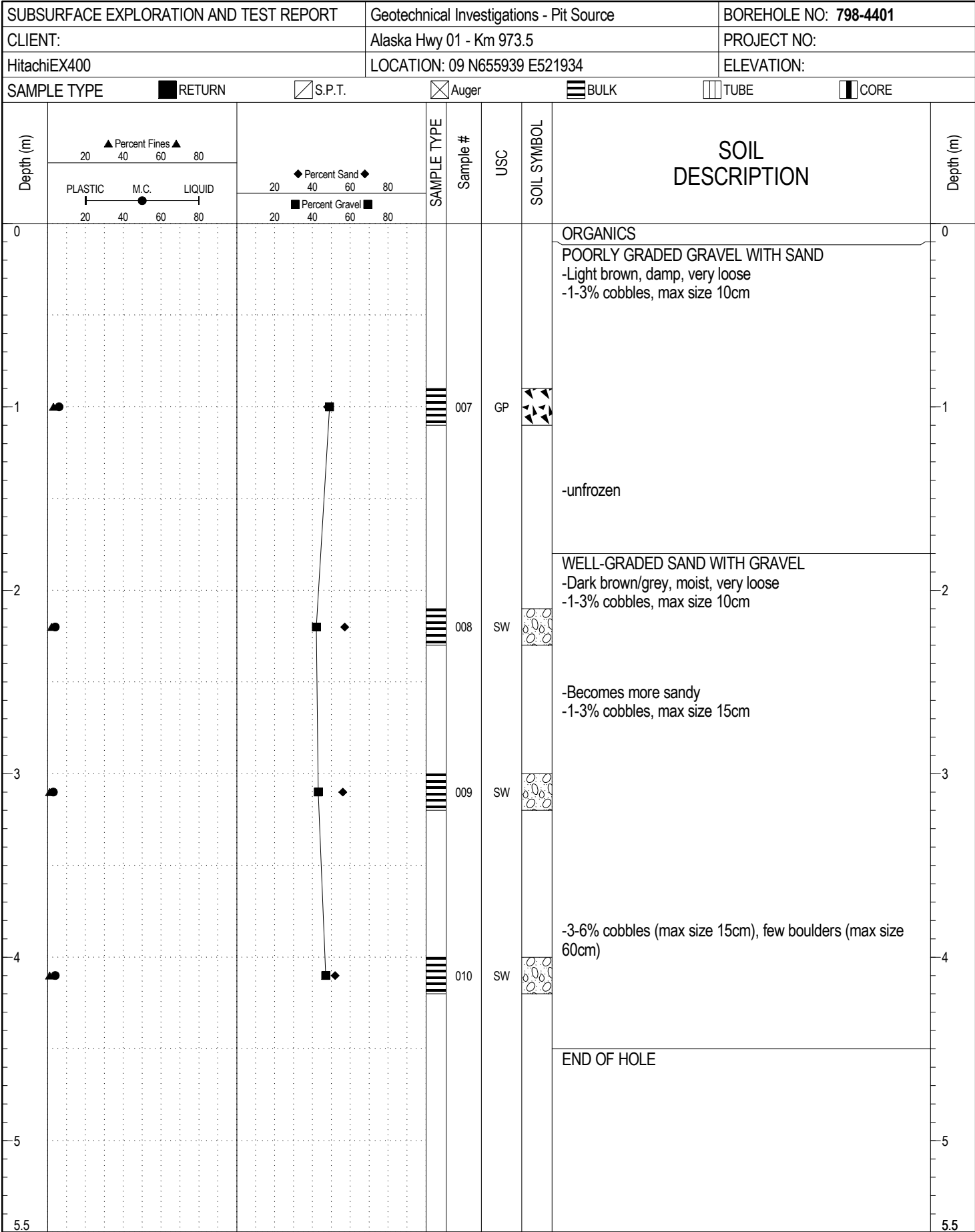


SUBSURFACE EXPLORATION AND TEST REPORT		Geotechnical Investigations - Pit Source	BOREHOLE NO: 798-4400
CLIENT:		Alaska Hwy 01 - Km 973.5	PROJECT NO:
HitachiEX400		LOCATION: 09N 6655869 E521926	ELEVATION:

SAMPLE TYPE RETURN S.P.T. Auger BULK TUBE CORE



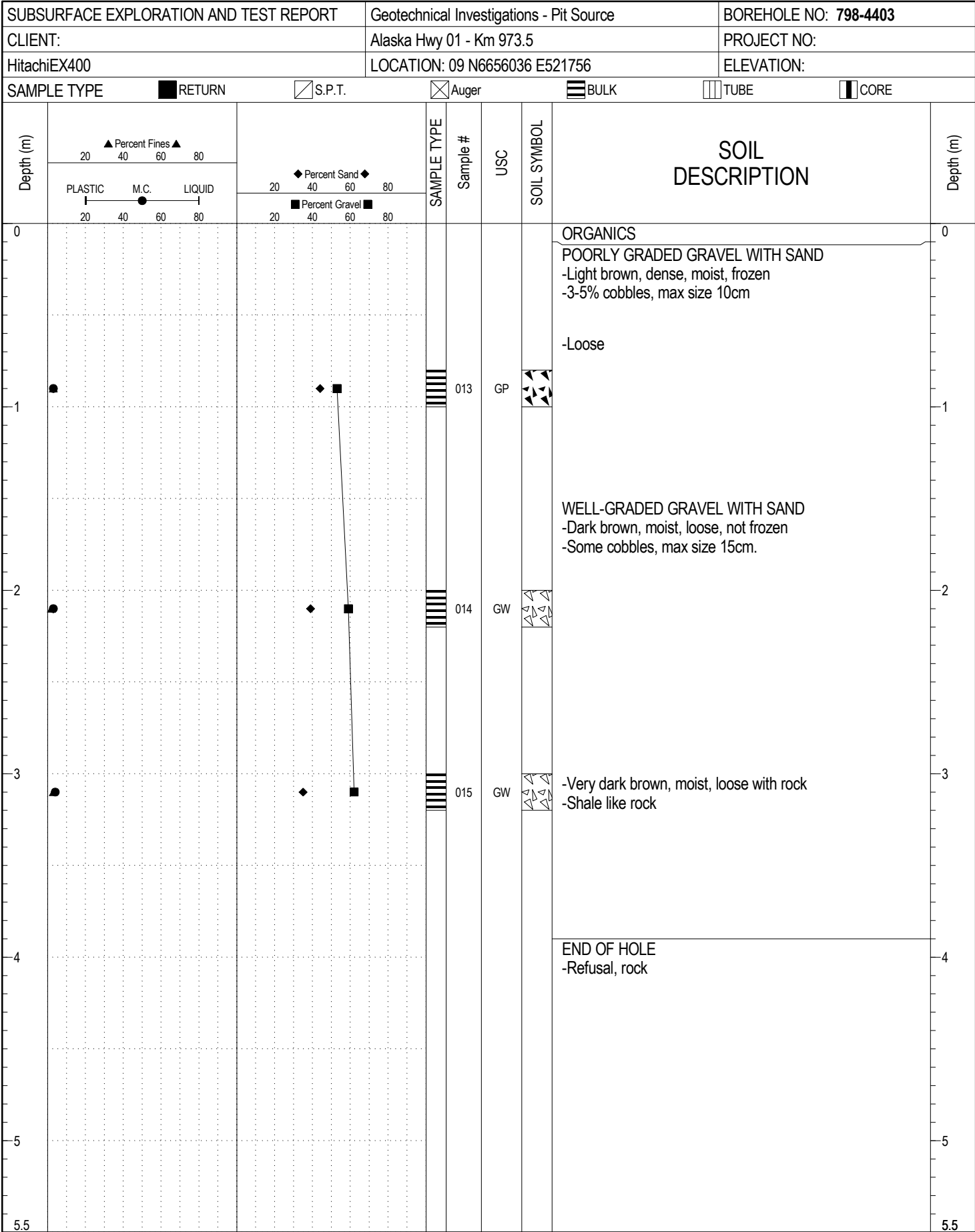
GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14



GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14

SUBSURFACE EXPLORATION AND TEST REPORT		Geotechnical Investigations - Pit Source		BOREHOLE NO: 798-4402				
CLIENT:		Alaska Hwy 01 - Km 973.5		PROJECT NO:				
HitachiEX400		LOCATION: 09 N6655994 E521843		ELEVATION:				
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)	▲ Percent Fines ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80		SAMPLE TYPE	Sample #	USC	SOIL SYMBOL	SOIL DESCRIPTION	Depth (m)
	◆ Percent Sand ◆ 20 40 60 80 ■ Percent Gravel ■ 20 40 60 80							
0							ORGANICS Reddish brown, mineralized soil	0
							POORLY GRADED GRAVEL WITH SILT & SAND -Very hard digging -Shale like rock	
1				011	GP-GM			
							WELL-GRADED GRAVEL -Rock with some silt -Sale like rock	
1				012	GW			
							END OF HOLE -Refusal	
2								2
3								3
4								4
5								5
5.5								5.5

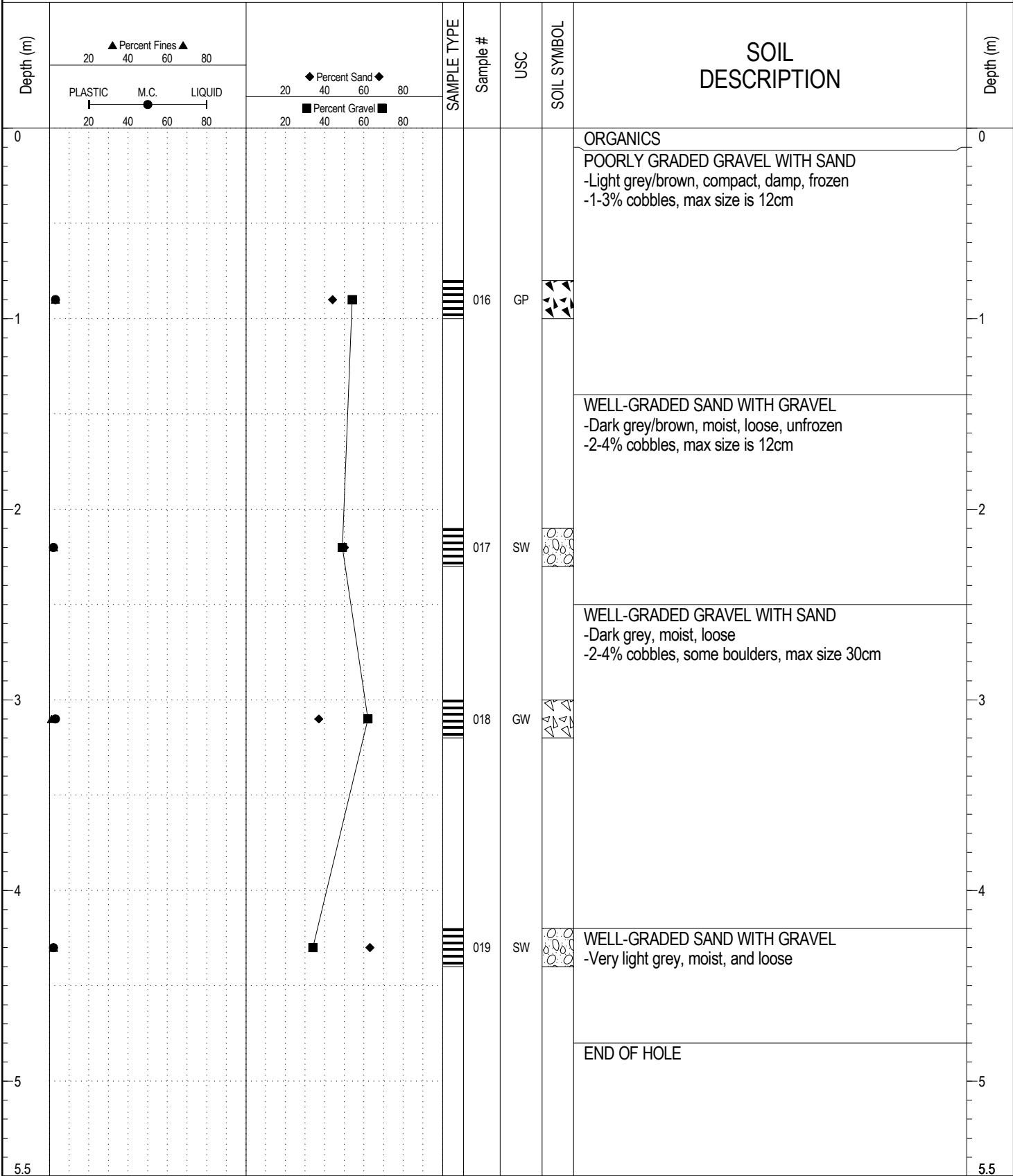
GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14



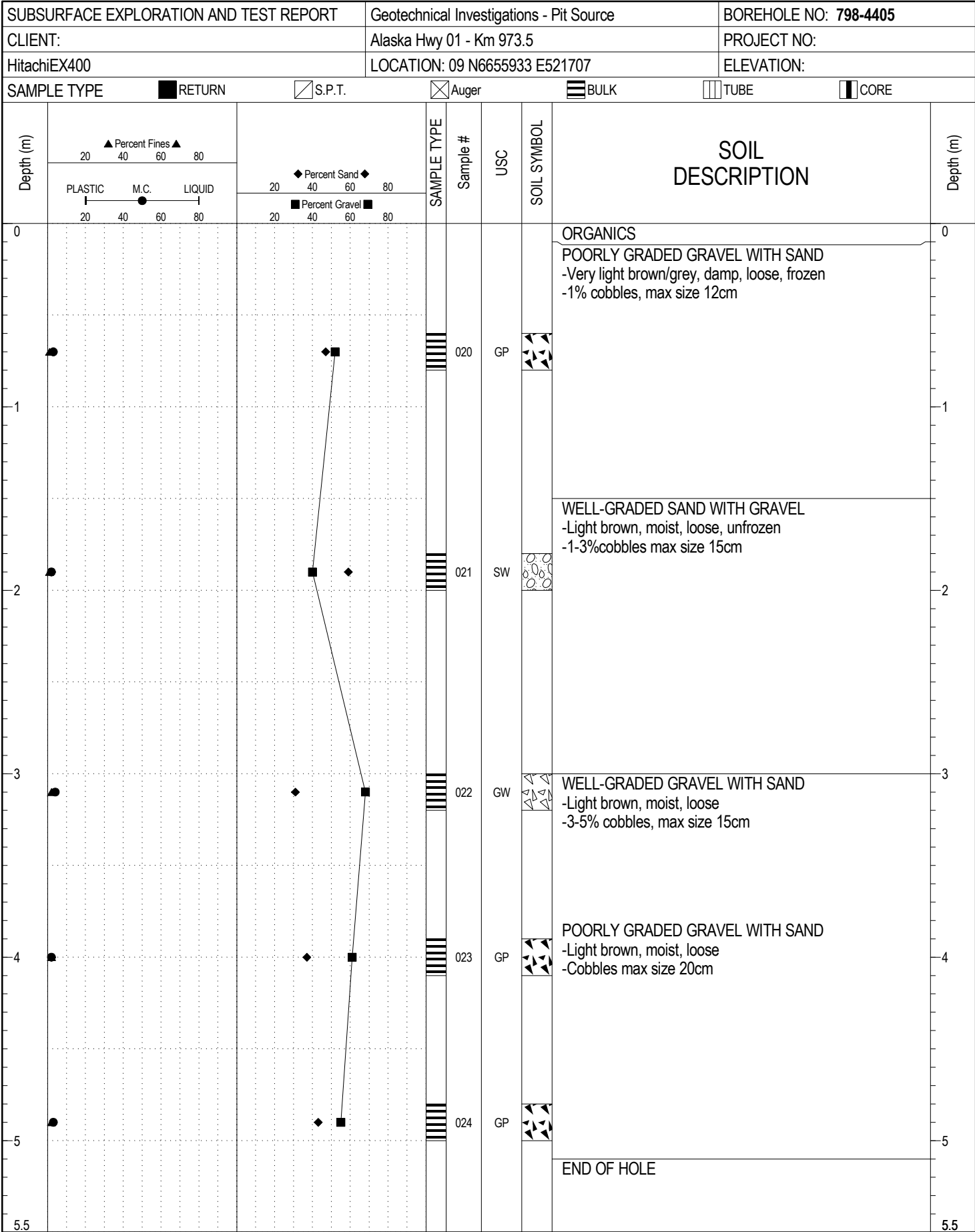
GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14

SUBSURFACE EXPLORATION AND TEST REPORT		Geotechnical Investigations - Pit Source	BOREHOLE NO: 798-4404
CLIENT:		Alaska Hwy 01 - Km 973.5	PROJECT NO:
HitachiEX400		LOCATION: 09 N6656002 E521624	ELEVATION:

SAMPLE TYPE RETURN S.P.T. Auger BULK TUBE CORE



GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14



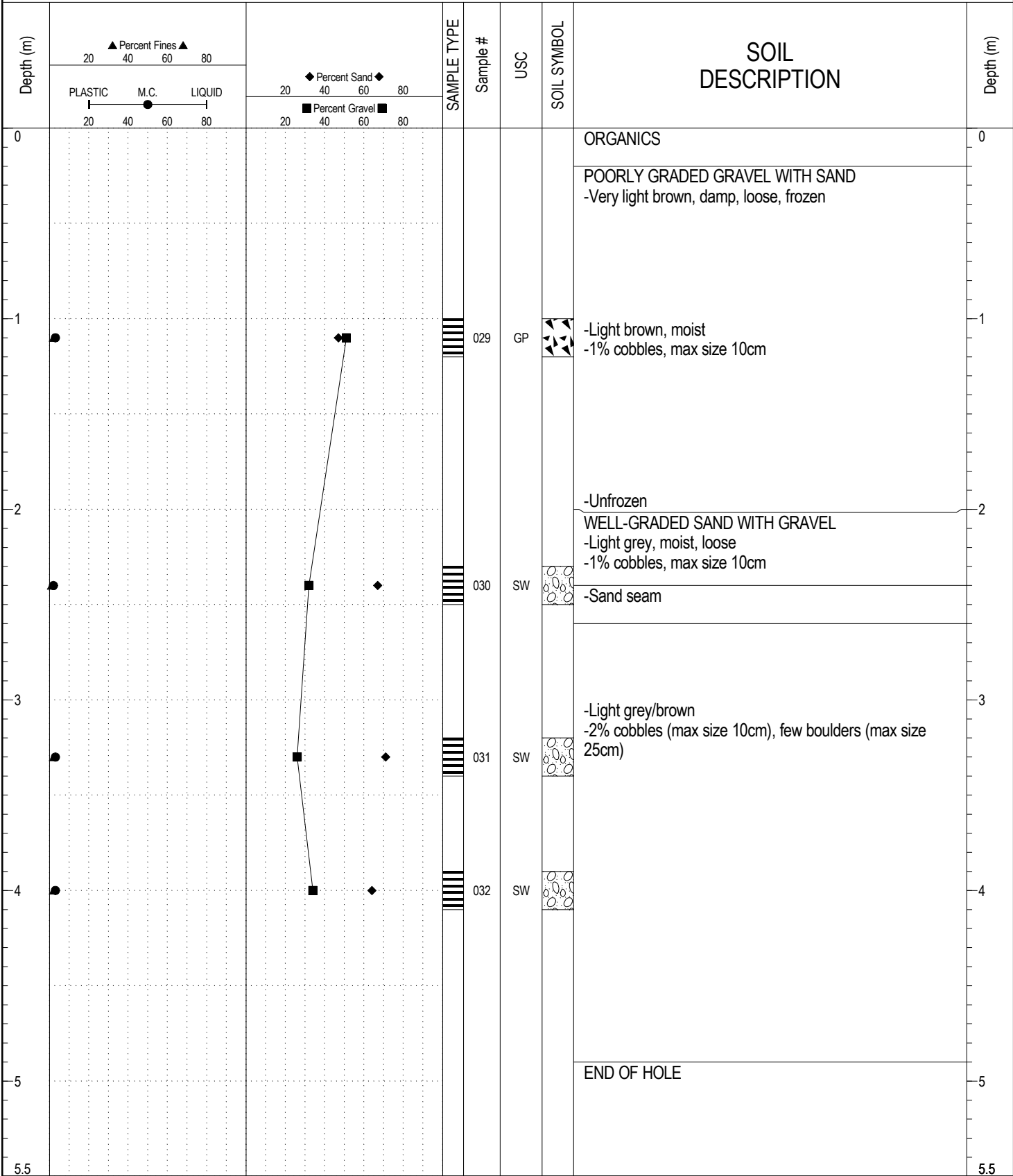
GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14

SUBSURFACE EXPLORATION AND TEST REPORT		Geotechnical Investigations - Pit Source		BOREHOLE NO: 798-4406				
CLIENT:		Alaska Hwy 01 - Km 973.5		PROJECT NO:				
HitachiEX400		LOCATION: 09 N6655878 E521817		ELEVATION:				
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)	▲ Percent Fines ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80		SAMPLE TYPE	Sample #	USC	SOIL SYMBOL	SOIL DESCRIPTION	Depth (m)
	◆ Percent Sand ◆ 20 40 60 80 ■ Percent Gravel ■ 20 40 60 80							
0							ORGANICS	0
							WELL-GRADED SAND WITH GRAVEL -Light brown, damp, loose, frozen -1% cobbles, max size 10cm	
1				025	SW		-moist	1
							POORLY GRADED GRAVEL WITH SAND -Dark grey/brown, moist, very loose, unfrozen -1% cobbles, max size 12cm	
2				026	GP			2
							SAND SEAM POORLY GRADED GRAVEL WITH SAND -Dark grey/brown, moist, very loose -1% cobbles, max size 12cm -Very light grey, loose -2-4% cobbles, max size 15cm	
3				027	GP			3
							-Some boulders, max size 30cm	
4				028	GP			4
							END OF HOLE -Pictures indicate hole ends at 4.3-4.5m due to sluffage	
5								5
5.5								5.5

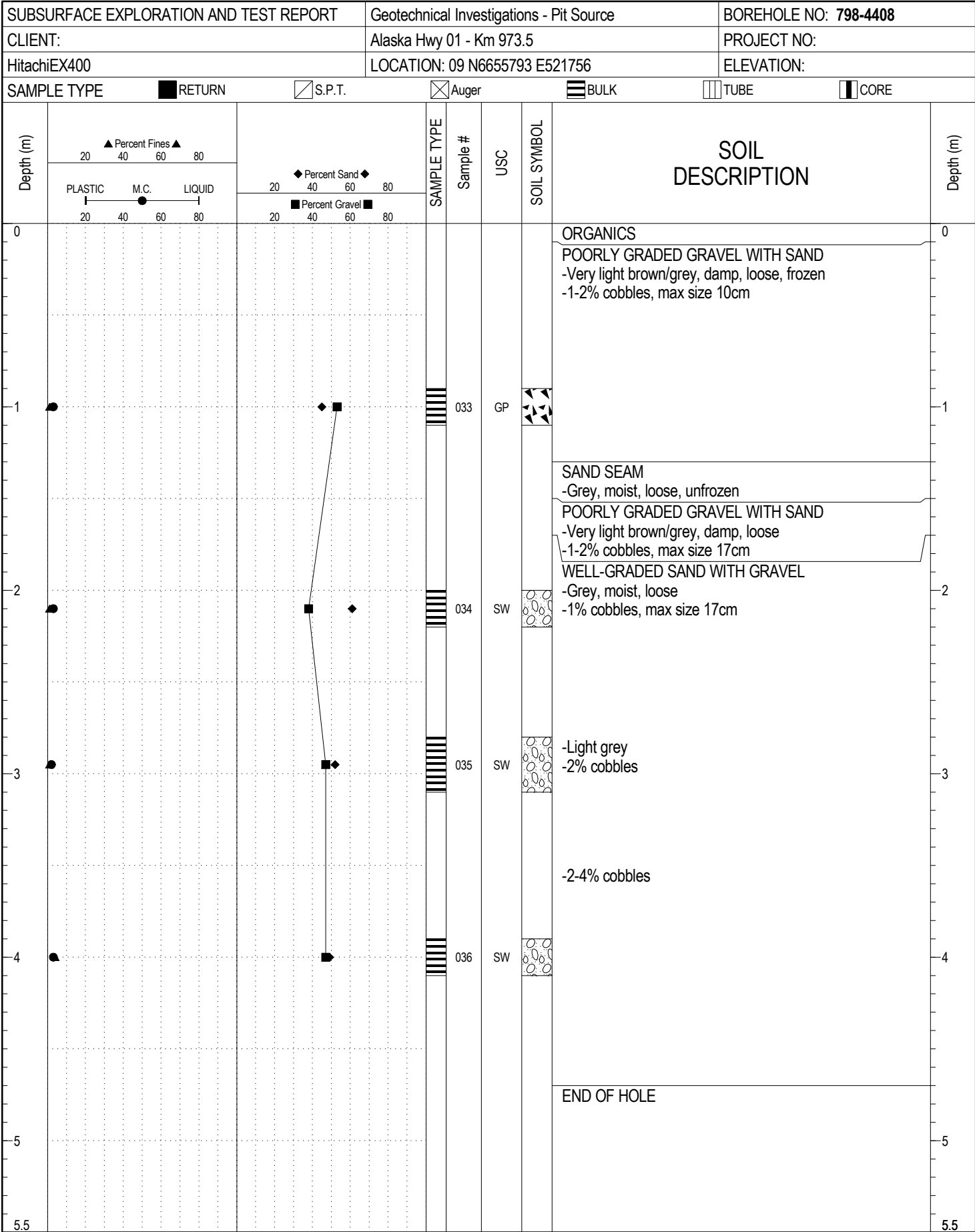
GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14

SUBSURFACE EXPLORATION AND TEST REPORT		Geotechnical Investigations - Pit Source	BOREHOLE NO: 798-4407
CLIENT:		Alaska Hwy 01 - Km 973.5	PROJECT NO:
HitachiEX400		LOCATION: 09 N6655770 E521828	ELEVATION:

SAMPLE TYPE RETURN S.P.T. Auger BULK TUBE CORE



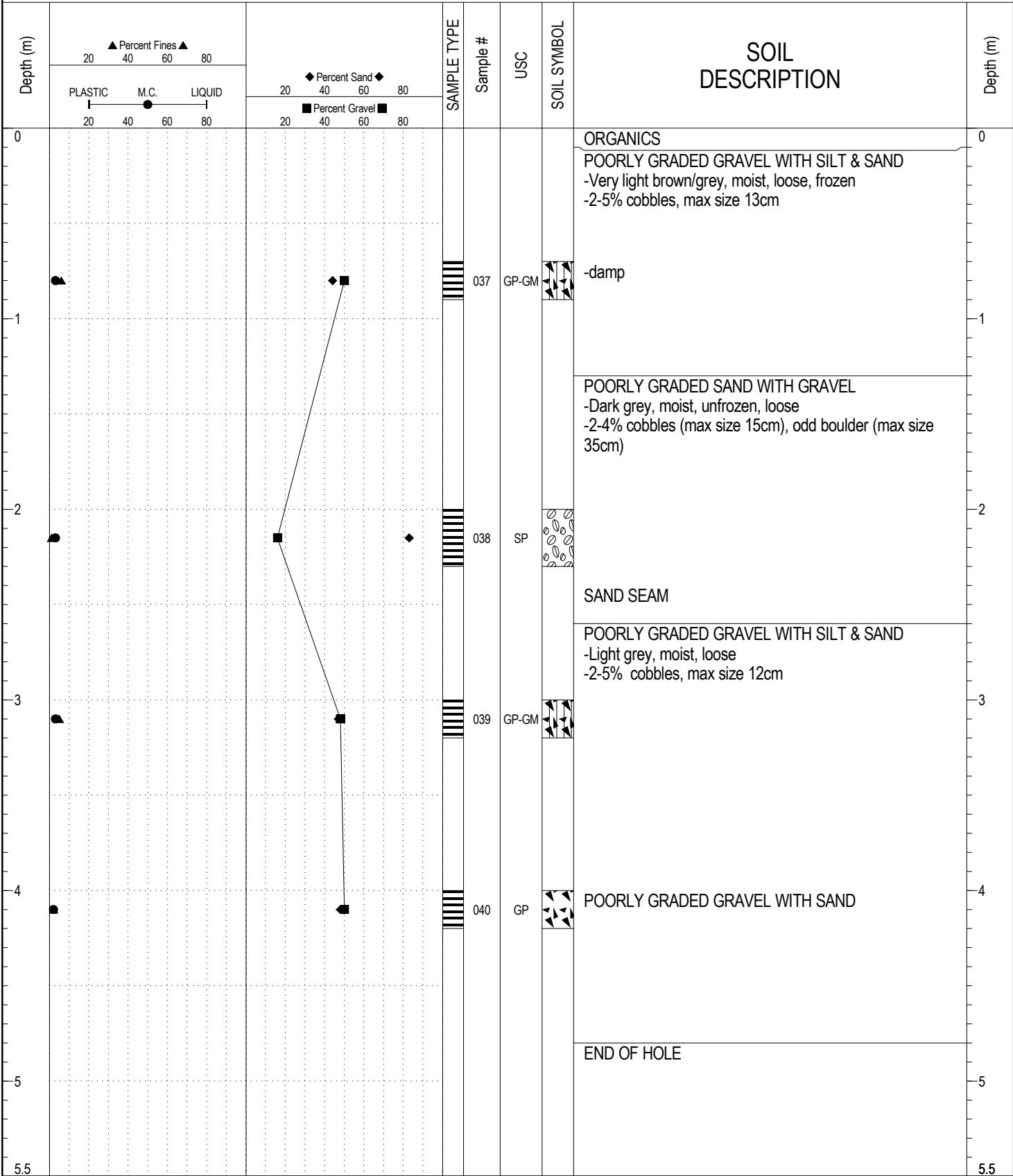
GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14



GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14

SUBSURFACE EXPLORATION AND TEST REPORT		Geotechnical Investigations - Pit Source	BOREHOLE NO: 798-4409
CLIENT:		Alaska Hwy 01 - Km 973.5	PROJECT NO:
HitachiEX400		LOCATION: 09 N6655849 E521677	ELEVATION:

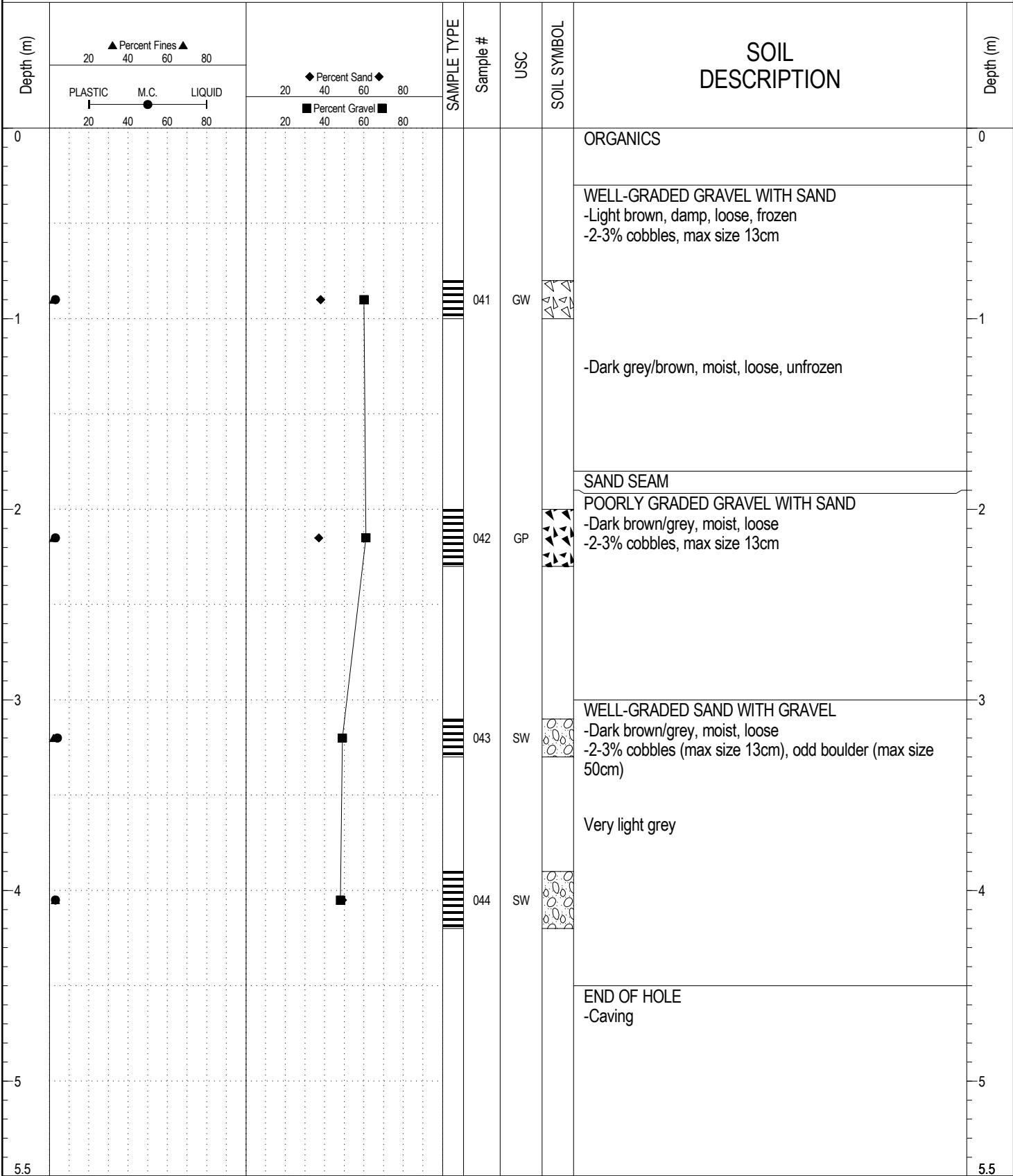
SAMPLE TYPE RETURN S.P.T. Auger BULK TUBE CORE



GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14

SUBSURFACE EXPLORATION AND TEST REPORT		Geotechnical Investigations - Pit Source	BOREHOLE NO: 798-4410
CLIENT:		Alaska Hwy 01 - Km 973.5	PROJECT NO:
HitachiEX400		LOCATION: 09 N6655897 E521580	ELEVATION:

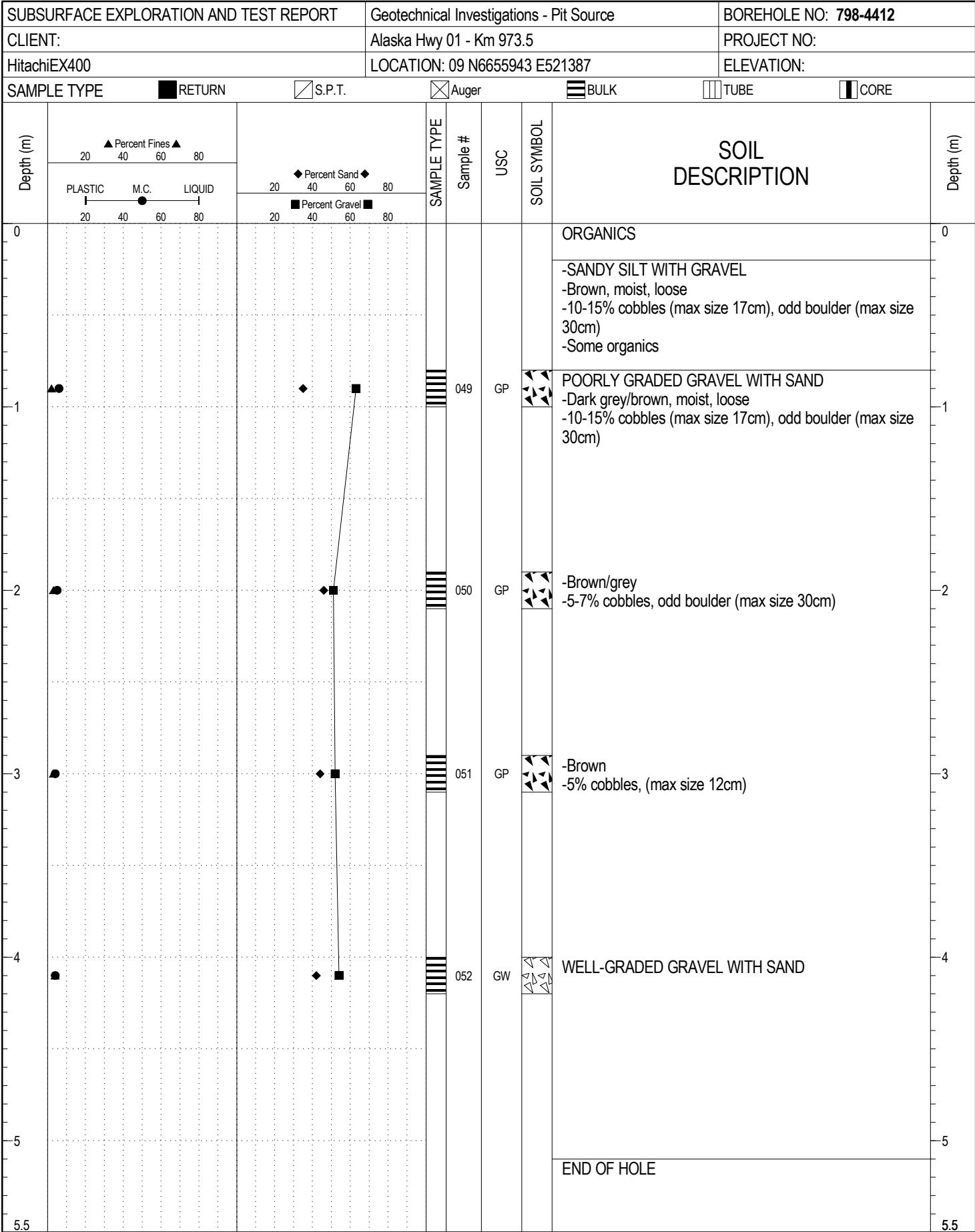
SAMPLE TYPE RETURN S.P.T. Auger BULK TUBE CORE



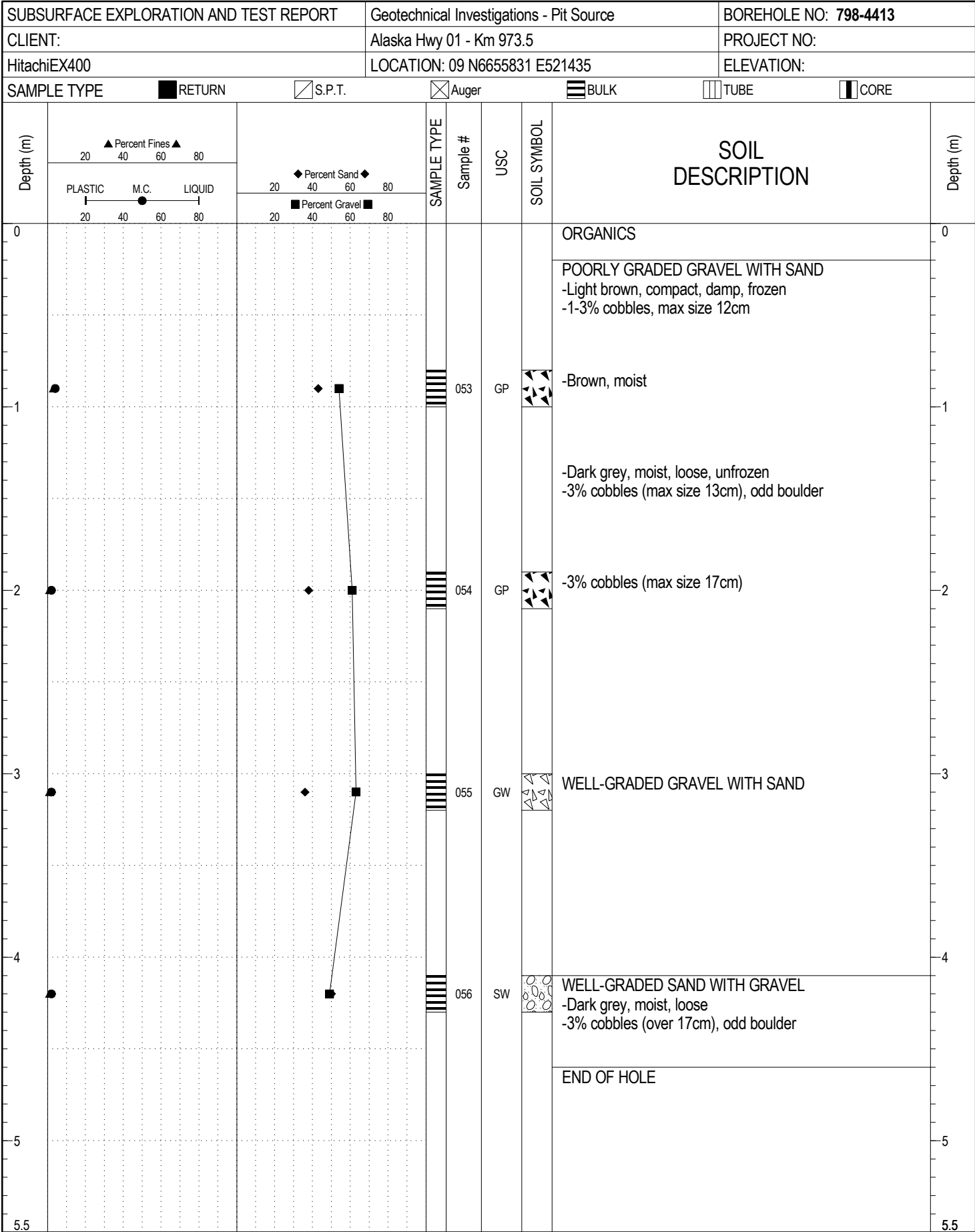
GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14

SUBSURFACE EXPLORATION AND TEST REPORT		Geotechnical Investigations - Pit Source		BOREHOLE NO: 798-4411				
CLIENT:		Alaska Hwy 01 - Km 973.5		PROJECT NO:				
HitachiEX400		LOCATION: 09 N6655922 E521469		ELEVATION:				
SAMPLE TYPE		<input checked="" 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						
Depth (m)	▲ Percent Fines ▲ 20 40 60 80 PLASTIC M.C. LIQUID 20 40 60 80		SAMPLE TYPE	Sample #	USC	SOIL SYMBOL	SOIL DESCRIPTION	Depth (m)
	◆ Percent Sand ◆ 20 40 60 80 ■ Percent Gravel ■ 20 40 60 80							
0							ORGANICS	0
							POORLY GRADED GRAVEL WITH SAND -Light brown/grey, damp, compact, frozen -1-2% cobbles (max size 13cm), odd boulder (max size 30cm)	
1				045	GP		-Light brown, loose	1
2				046	GP		-Light brown/grey, moist, unfrozen	2
3				047	GP		-Odd boulder, max size 50cm -Dark grey, compact	3
4				048	SW		WELL-GRADED SAND WITH GRAVEL -Dark grey, moist, loose -1% cobbles, max size 10cm	4
							END OF HOLE	
5.5								5.5

GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14



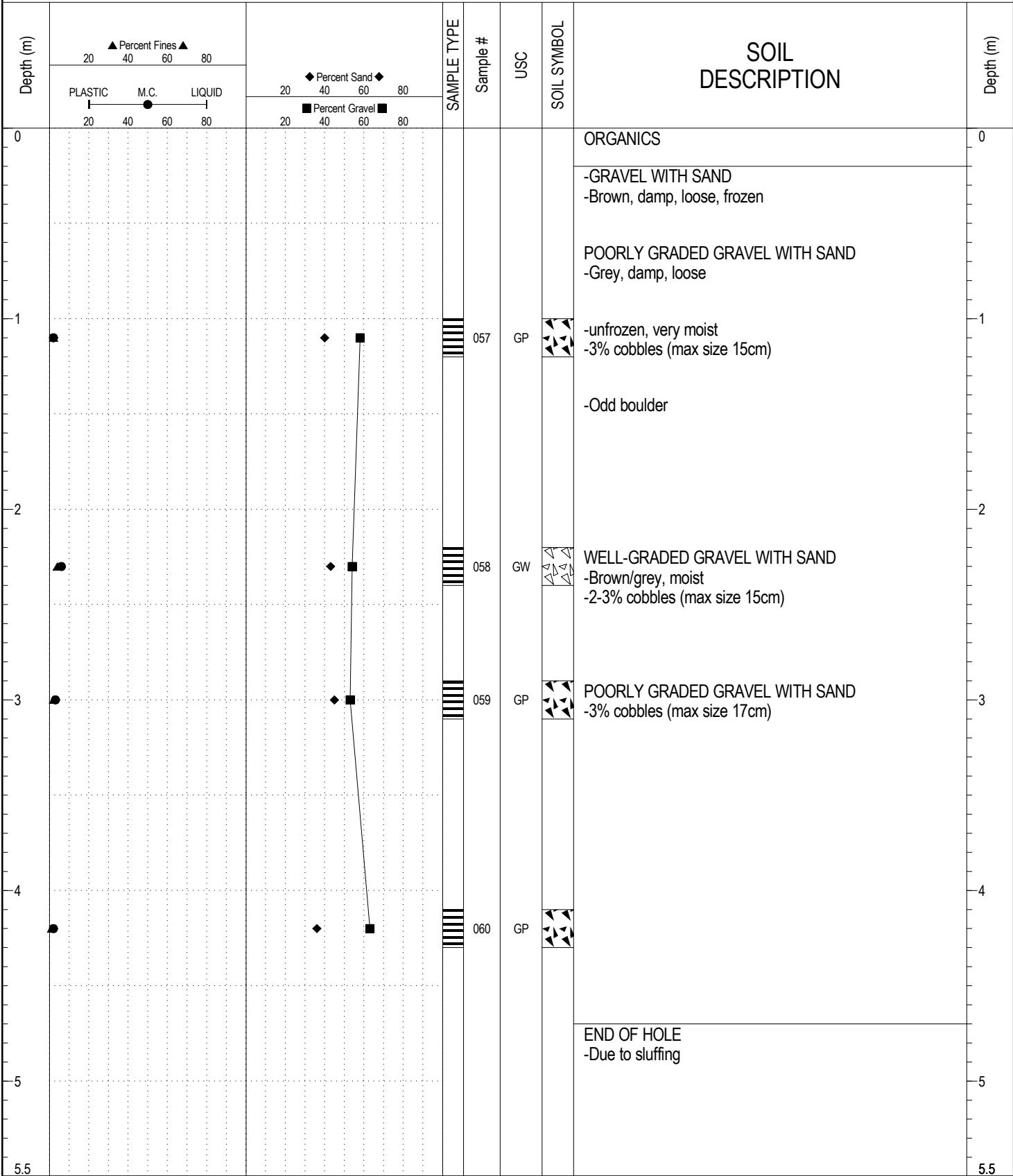
GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14



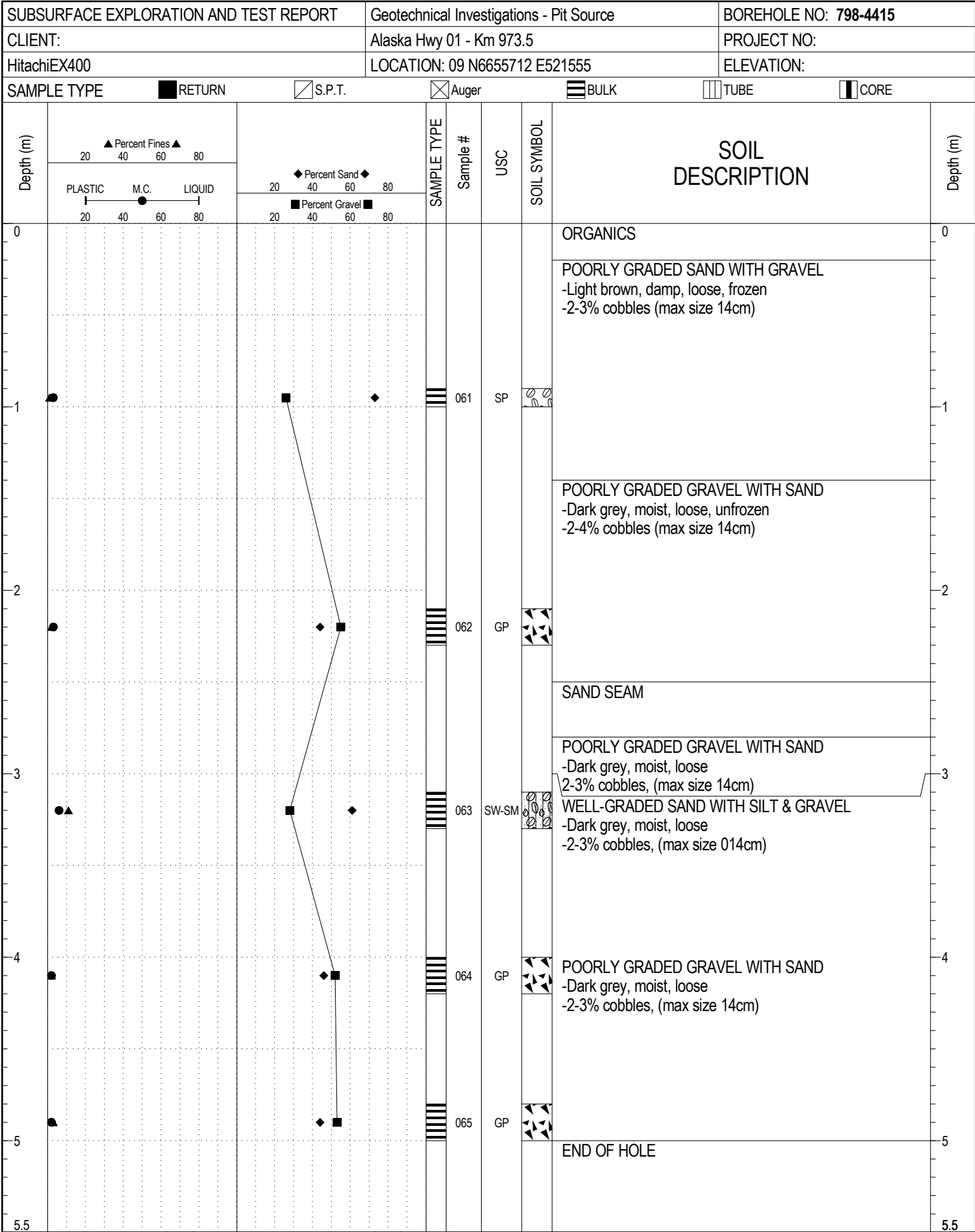
GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14

SUBSURFACE EXPLORATION AND TEST REPORT		Geotechnical Investigations - Pit Source	BOREHOLE NO: 798-4414
CLIENT:		Alaska Hwy 01 - Km 973.5	PROJECT NO:
HitachiEX400		LOCATION: 09 N6655770 E521584	ELEVATION:

SAMPLE TYPE RETURN S.P.T. Auger BULK TUBE CORE



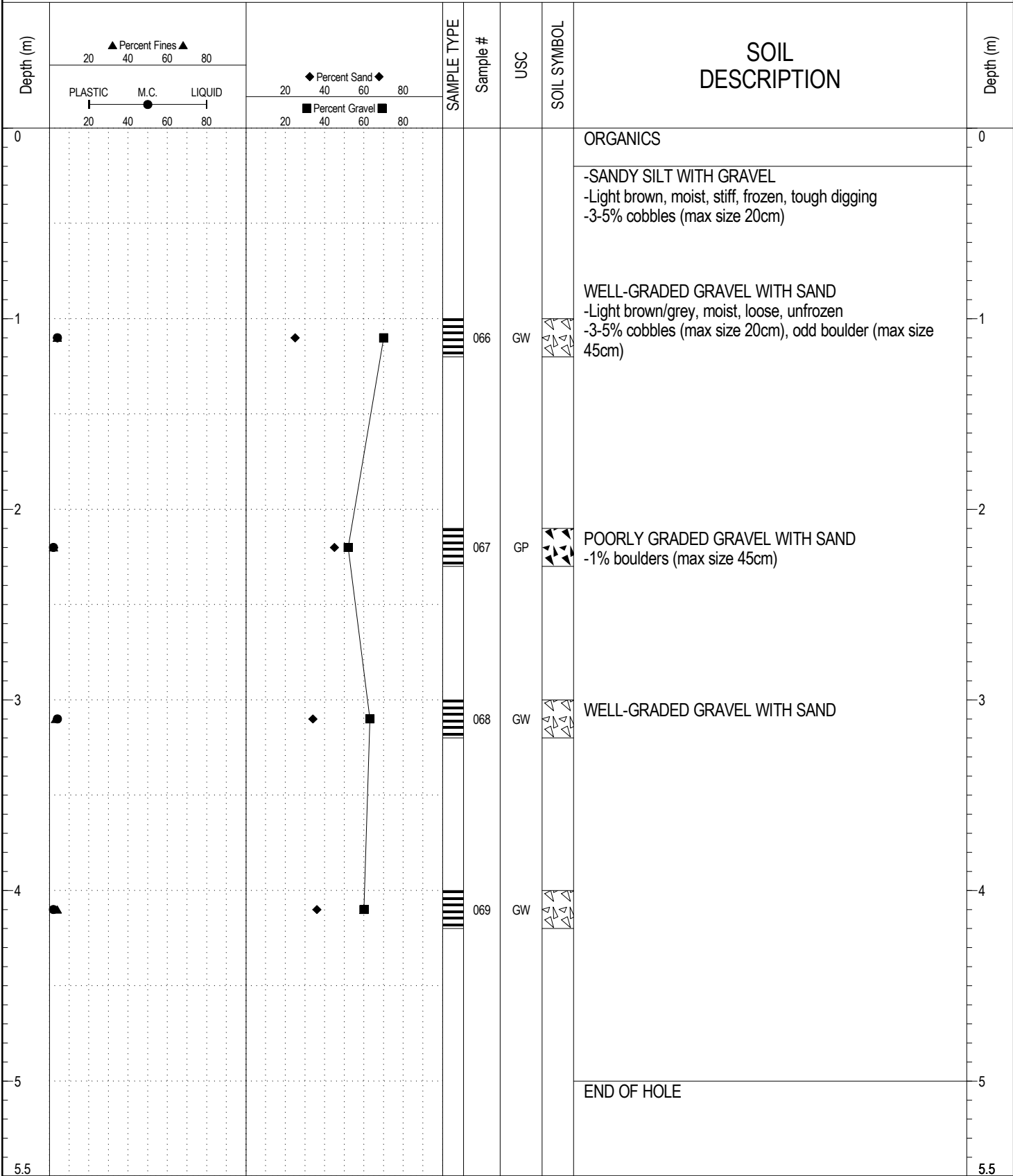
GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14



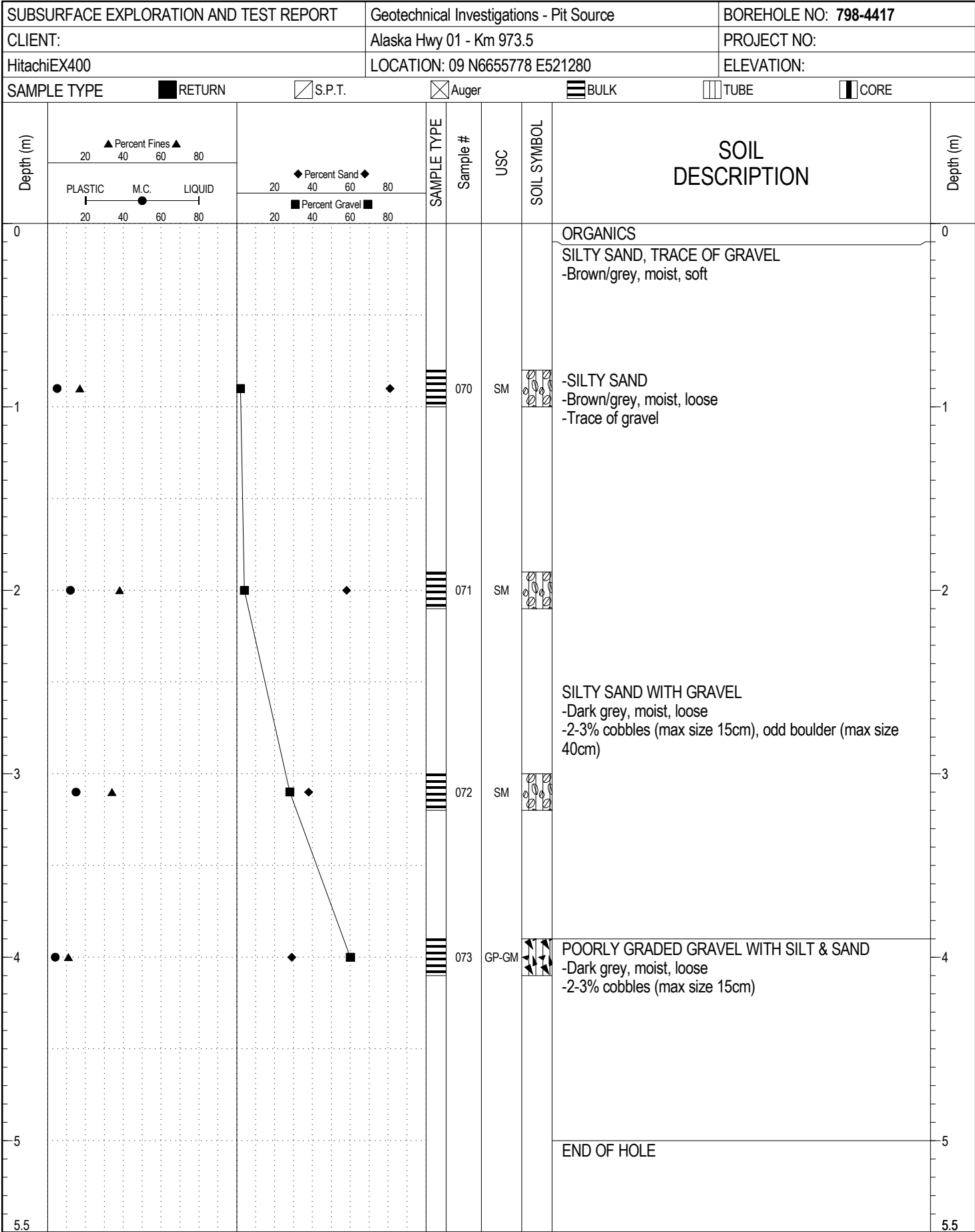
GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14

SUBSURFACE EXPLORATION AND TEST REPORT		Geotechnical Investigations - Pit Source	BOREHOLE NO: 798-4416
CLIENT:		Alaska Hwy 01 - Km 973.5	PROJECT NO:
HitachiEX400		LOCATION: 09 N6655746 E521376	ELEVATION:

SAMPLE TYPE RETURN S.P.T. Auger BULK TUBE CORE



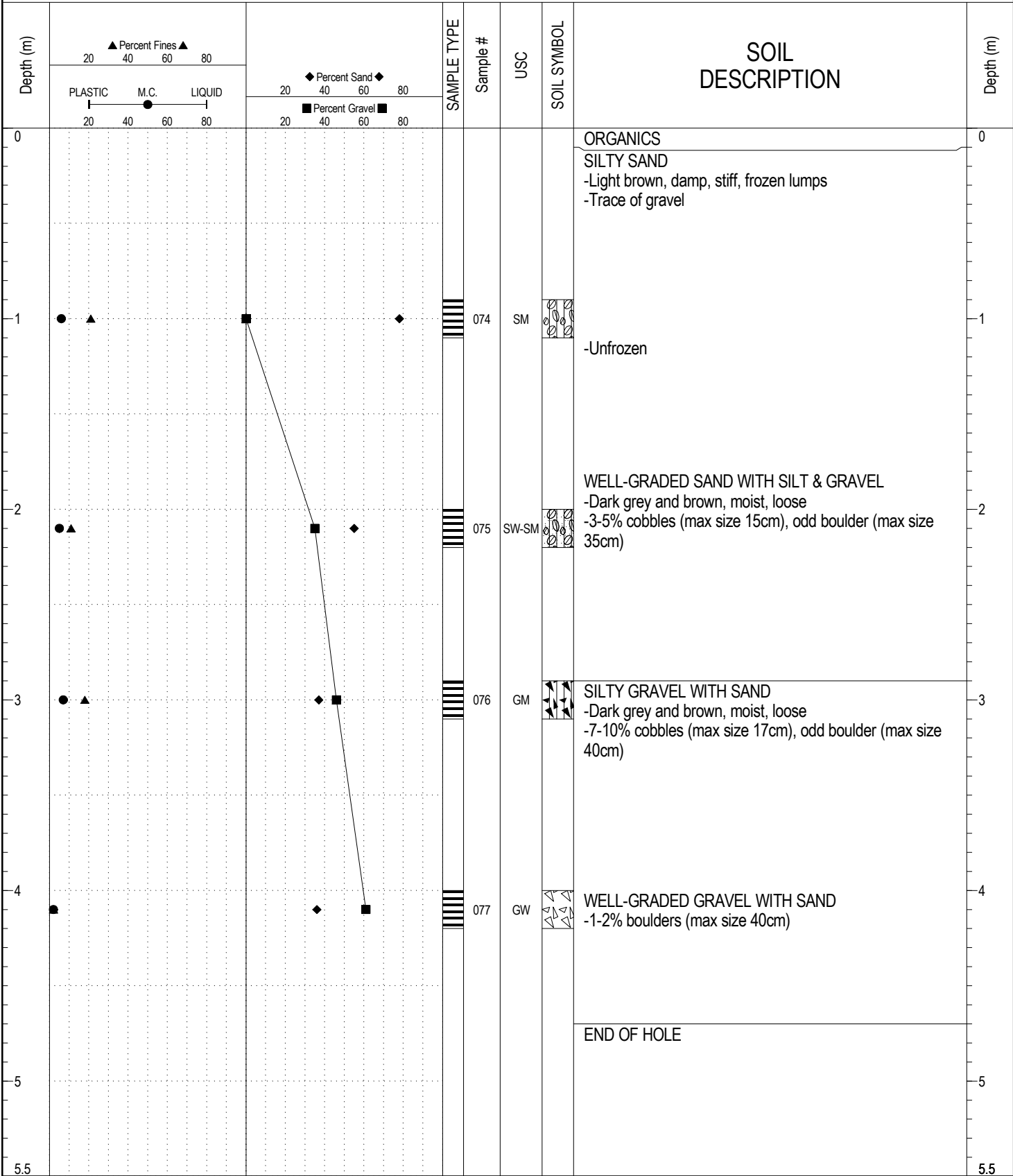
GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14



GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14

SUBSURFACE EXPLORATION AND TEST REPORT		Geotechnical Investigations - Pit Source	BOREHOLE NO: 798-4418
CLIENT:		Alaska Hwy 01 - Km 973.5	PROJECT NO:
HitachiEX400		LOCATION: 09 N6655685 E521240	ELEVATION:

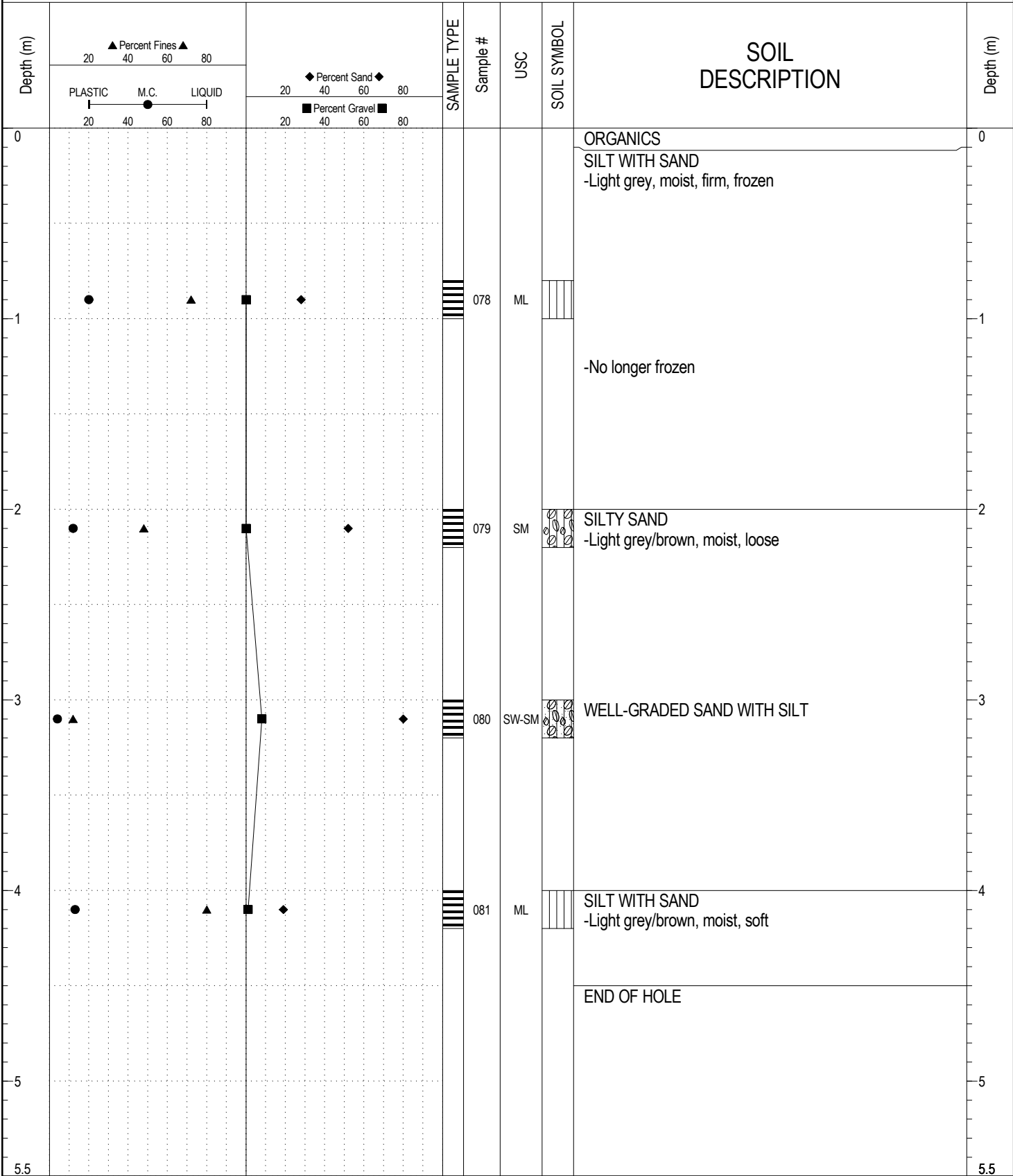
SAMPLE TYPE RETURN S.P.T. Auger BULK TUBE CORE



GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14

SUBSURFACE EXPLORATION AND TEST REPORT		Geotechnical Investigations - Pit Source	BOREHOLE NO: 798-4419
CLIENT:		Alaska Hwy 01 - Km 973.5	PROJECT NO:
HitachiEX400		LOCATION: 09 N6655601 E521215	ELEVATION:

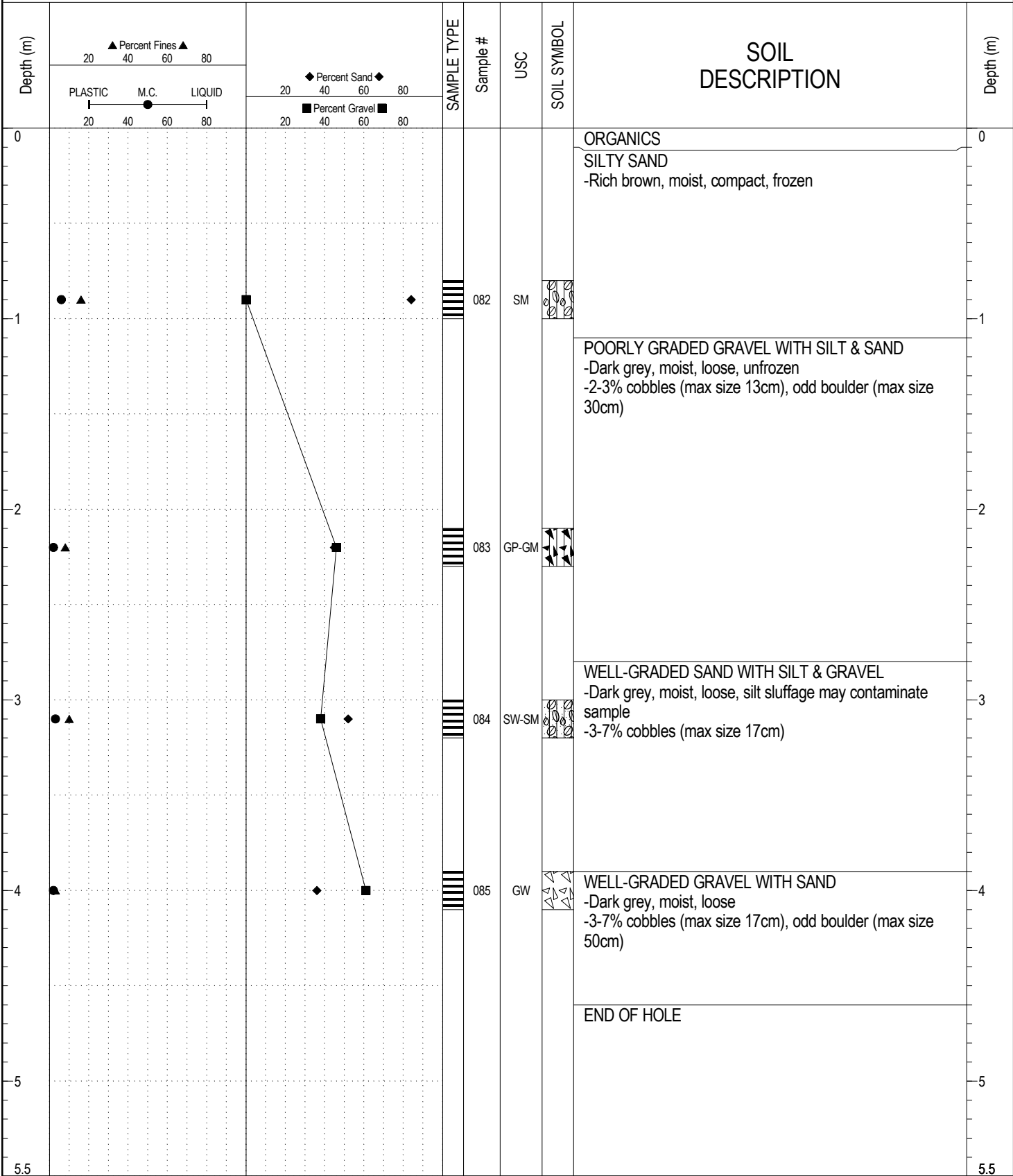
SAMPLE TYPE RETURN S.P.T. Auger BULK TUBE CORE



GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14

SUBSURFACE EXPLORATION AND TEST REPORT		Geotechnical Investigations - Pit Source	BOREHOLE NO: 798-4420
CLIENT:		Alaska Hwy 01 - Km 973.5	PROJECT NO:
HitachiEX400		LOCATION: 09 N6655669 E521352	ELEVATION:

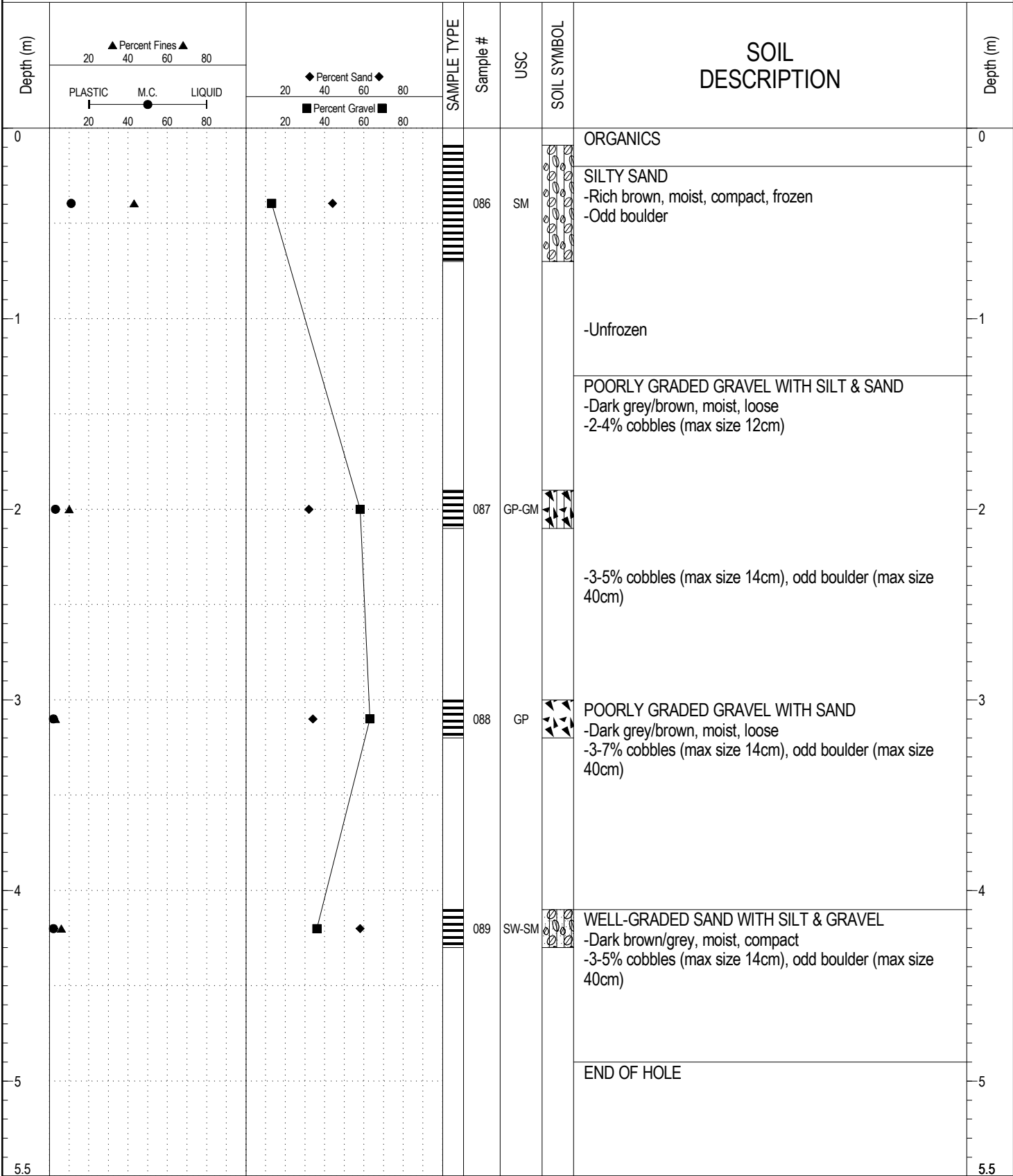
SAMPLE TYPE RETURN S.P.T. Auger BULK TUBE CORE



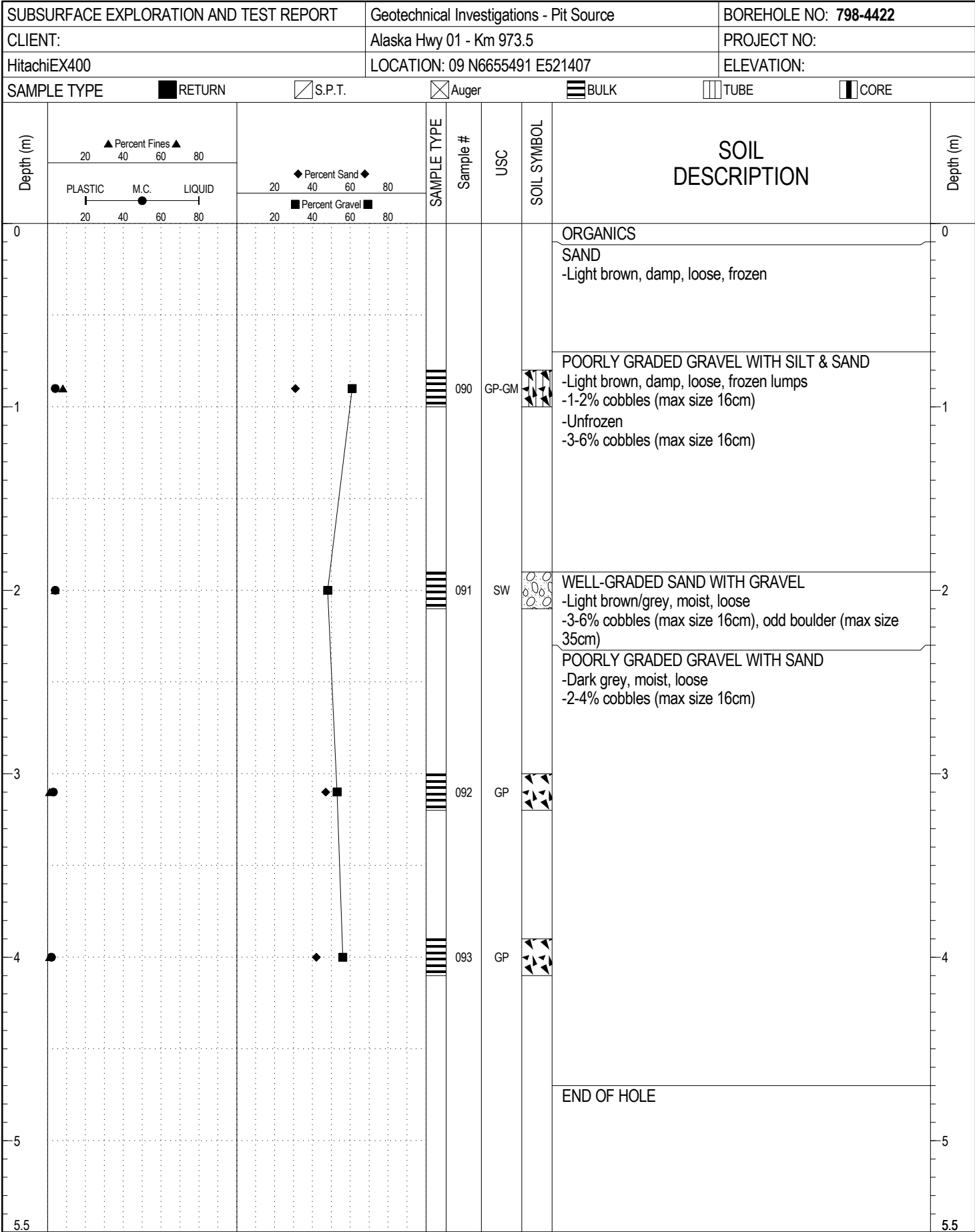
GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14

SUBSURFACE EXPLORATION AND TEST REPORT		Geotechnical Investigations - Pit Source	BOREHOLE NO: 798-4421
CLIENT:		Alaska Hwy 01 - Km 973.5	PROJECT NO:
HitachiEX400		LOCATION: 09 N6655593 E521414	ELEVATION:

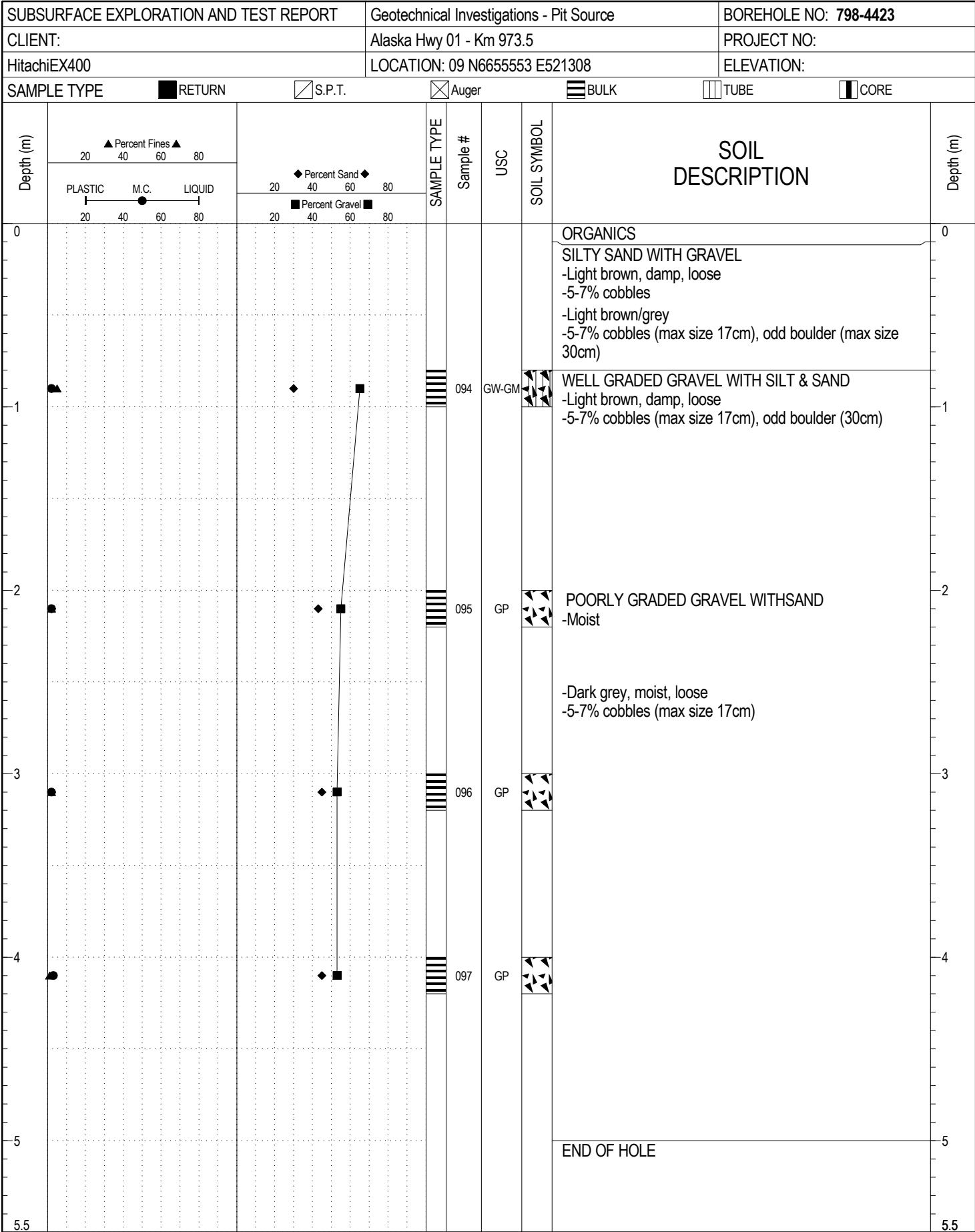
SAMPLE TYPE RETURN S.P.T. Auger BULK TUBE CORE



GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14



GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14



GEOTECH GRAVEL 798-KM 973 AH.GPJ YTG.GDT 16/1/14

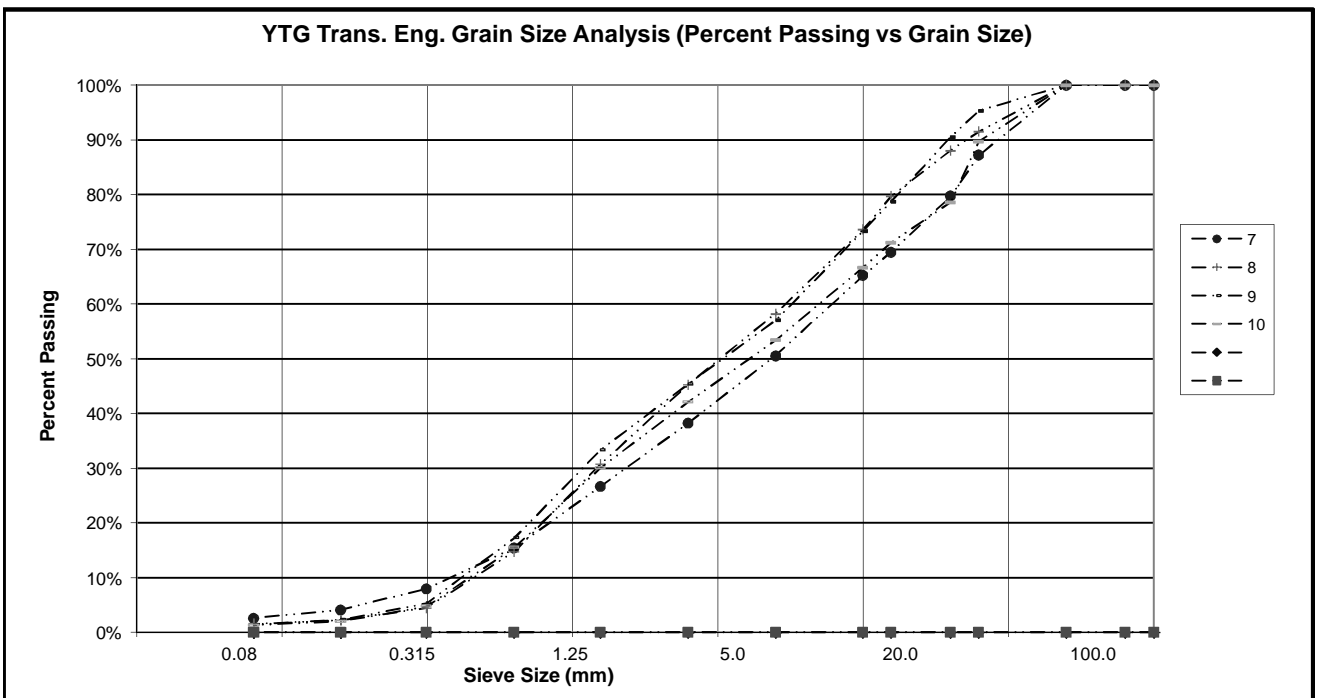
Master Revised Apr. 2004

PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4401

DATE COMP: 03/26/2013

FIELD NO:	7	8	9	10		
LAB NO:	21	22	23	24		
DEPTH:	0.9-1.1	2.1-2.3	3.0-3.2	4.0-4.2		
TYPE:	BULK	BULK	BULK	BULK		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	100%	100%	100%	100%		
25.0	87%	92%	95%	90%		
20.0	80%	88%	91%	79%		
12.5	69%	80%	79%	71%		
10.0	65%	74%	73%	67%		
5.0	51%	58%	57%	53%		
2.5	38%	45%	45%	42%		
1.25	27%	31%	33%	30%		
0.630	15%	15%	17%	16%		
0.315	8%	5%	5%	5%		
0.160	4%	2%	2%	2%		
0.080	3%	2%	1%	1%		
M.C.(%)	6%	4%	3%	4%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	49	42	43	47		
% SAND:	48	57	56	52		
% FINES:	3	2	1	1		
CLASSIFICATION	POORLY GRADED GRAVEL WITH SAND (GP)	WELL-GRADED SAND WITH GRAVEL (SW)	WELL-GRADED SAND WITH GRAVEL (SW)	WELL-GRADED SAND WITH GRAVEL (SW)		

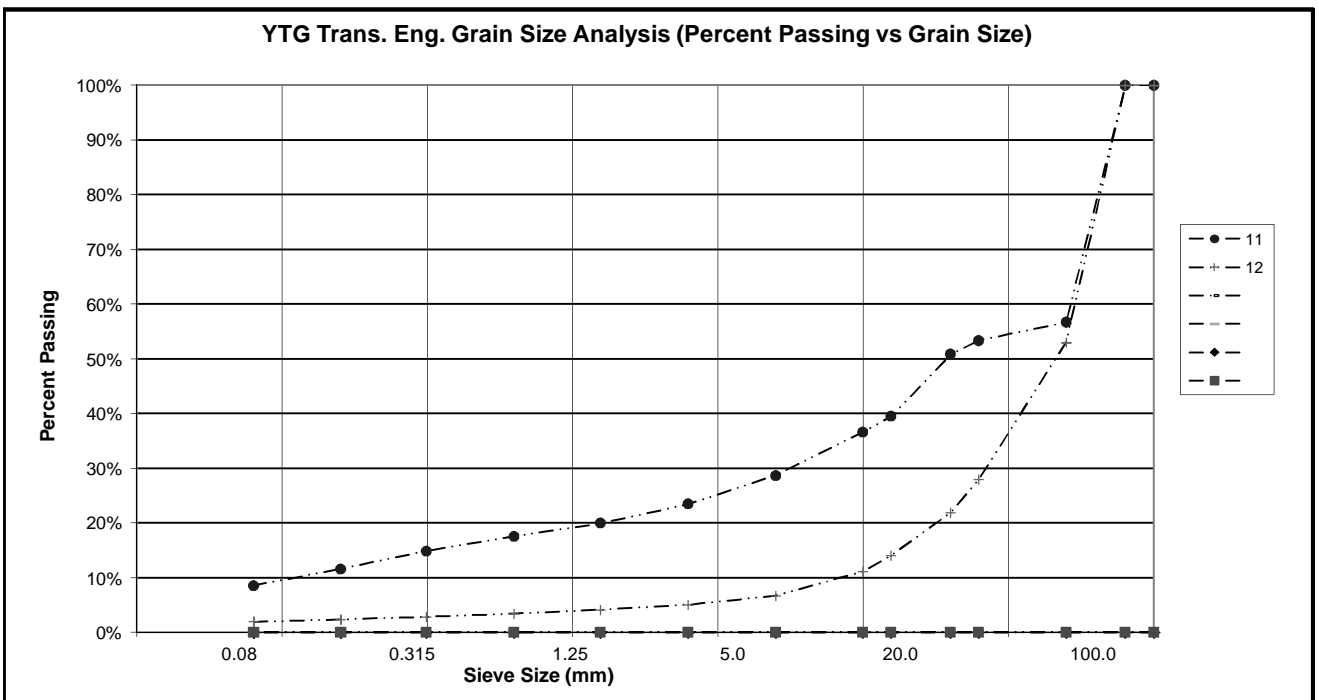


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4402

DATE COMP: 03/26/2013

FIELD NO:	11	12			
LAB NO:	25	26			
DEPTH:	0.4-0.6	1.0-1.2			
TYPE:	BULK	BULK			
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING			
100.0	100%	100%			
80.0	100%	100%			
50.0	57%	53%			
25.0	53%	28%			
20.0	51%	22%			
12.5	40%	14%			
10.0	37%	11%			
5.0	29%	7%			
2.5	23%	5%			
1.25	20%	4%			
0.630	18%	3%			
0.315	15%	3%			
0.160	12%	2%			
0.080	9%	2%			
M.C.(%):	6%	5%			
LIQUID LIMIT:	0.0	0.0			
PLASTIC LIMIT:	0.0	0.0			
PLASTIC INDEX.:	0.0	0.0			
% GRAVEL:	71	93			
% SAND:	20	5			
% FINES:	9	2			
CLASSIFICATION	POORLY GRADED GRAVEL WITH SILT & SAND (GP-GM)	WELL-GRADED GRAVEL (GW)			

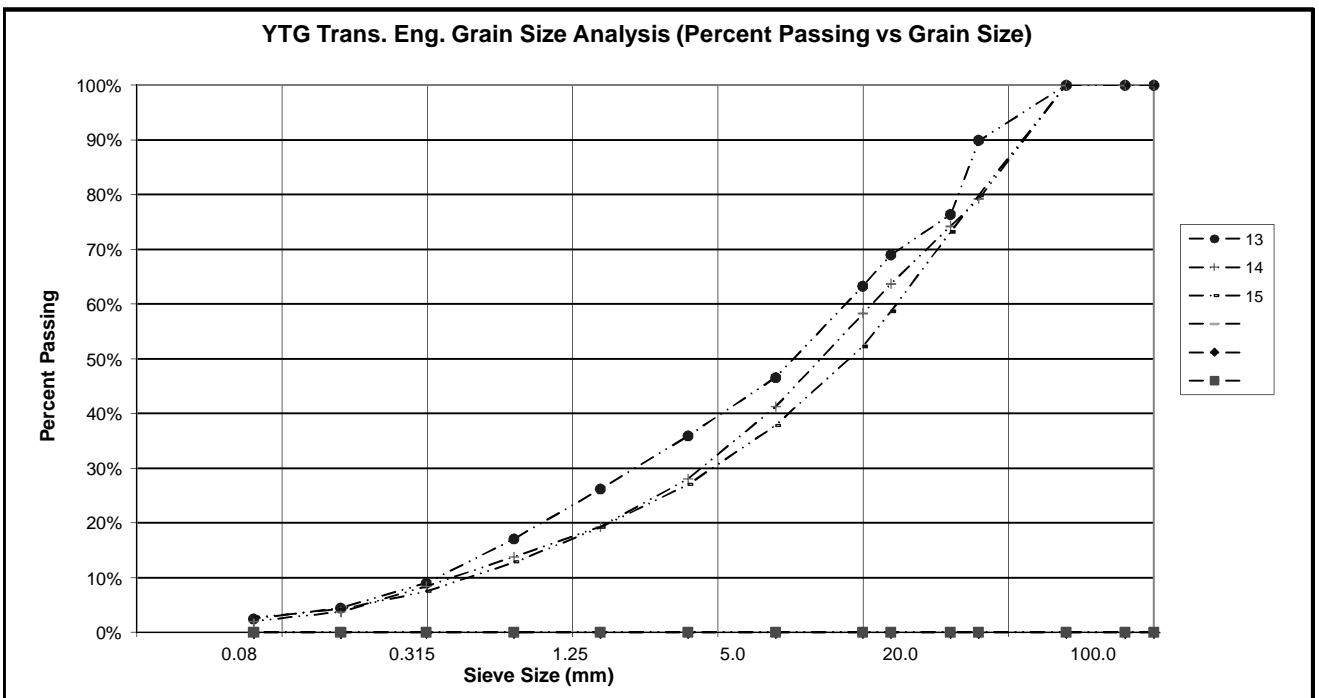


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4403

DATE COMP: 03/26/2013

FIELD NO:	13	14	15		
LAB NO:	27	28	29		
DEPTH:	0.8-1.0	2.0-2.2	3.0-3.2		
TYPE:	BULK	BULK	BULK		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%		
80.0	100%	100%	100%		
50.0	100%	100%	100%		
25.0	90%	79%	80%		
20.0	76%	74%	73%		
12.5	69%	64%	59%		
10.0	63%	58%	52%		
5.0	47%	41%	38%		
2.5	36%	28%	27%		
1.25	26%	19%	19%		
0.630	17%	14%	13%		
0.315	9%	8%	7%		
0.160	5%	4%	4%		
0.080	3%	2%	3%		
M.C.(%):	3%	3%	4%		
LIQUID LIMIT:	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0		
% GRAVEL:	53	59	62		
% SAND:	44	39	35		
% FINES:	3	2	3		
CLASSIFICATION	POORLY GRADED GRAVEL WITH SAND (GP)	WELL-GRADED GRAVEL WITH SAND (GW)	WELL-GRADED GRAVEL WITH SAND (GW)		

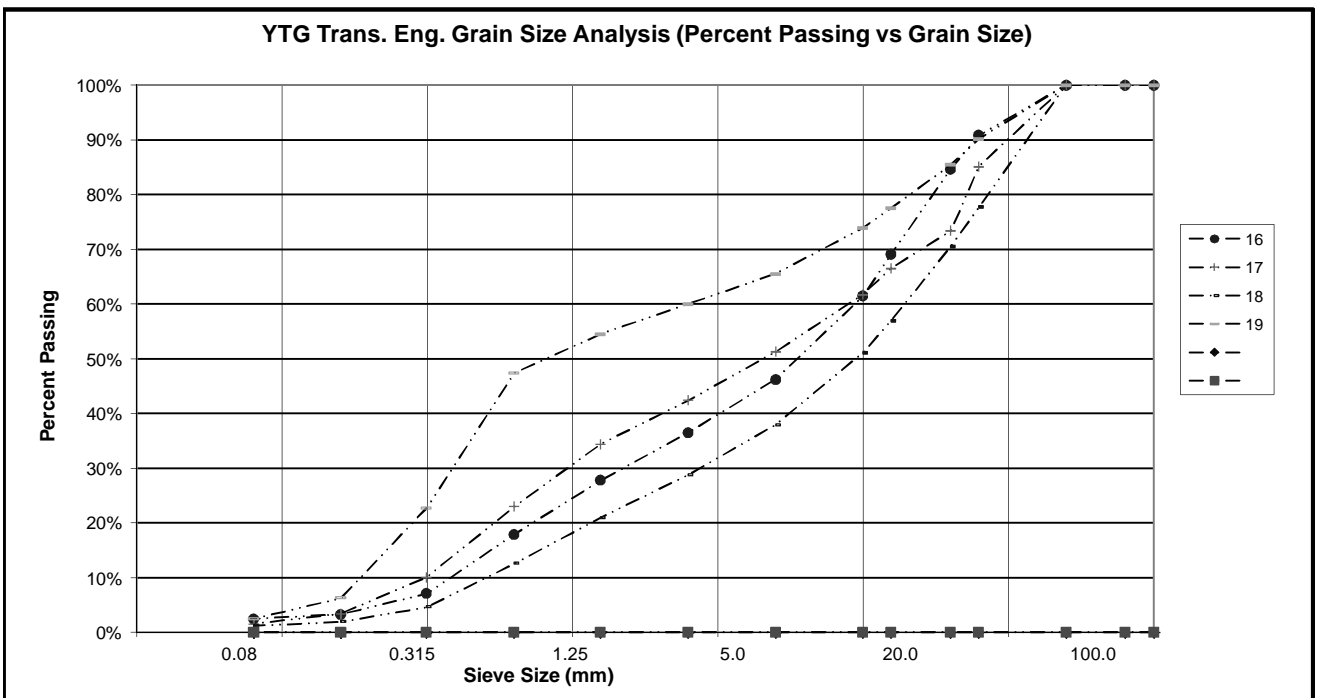


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4404

DATE COMP: 03/26/2013

FIELD NO:	16	17	18	19		
LAB NO:	30	31	32	33		
DEPTH:	0.8-1.0	2.1-2.3	3.0-3.2	4.2-4.4		
TYPE:	BULK	BULK	BULK	BULK		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	100%	100%	100%	100%		
25.0	91%	85%	78%	90%		
20.0	85%	73%	71%	85%		
12.5	69%	67%	57%	78%		
10.0	61%	62%	51%	74%		
5.0	46%	51%	38%	66%		
2.5	37%	42%	29%	60%		
1.25	28%	34%	21%	55%		
0.630	18%	23%	13%	47%		
0.315	7%	10%	5%	23%		
0.160	3%	3%	2%	6%		
0.080	3%	2%	1%	2%		
M.C.(%)	3%	2%	3%	2%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	54	49	62	34		
% SAND:	44	50	37	63		
% FINES:	3	2	1	2		
CLASSIFICATION	POORLY GRADED GRAVEL WITH SAND (GP)	WELL-GRADED SAND WITH GRAVEL (SW)	WELL-GRADED GRAVEL WITH SAND (GW)	WELL-GRADED SAND WITH GRAVEL (SW)		



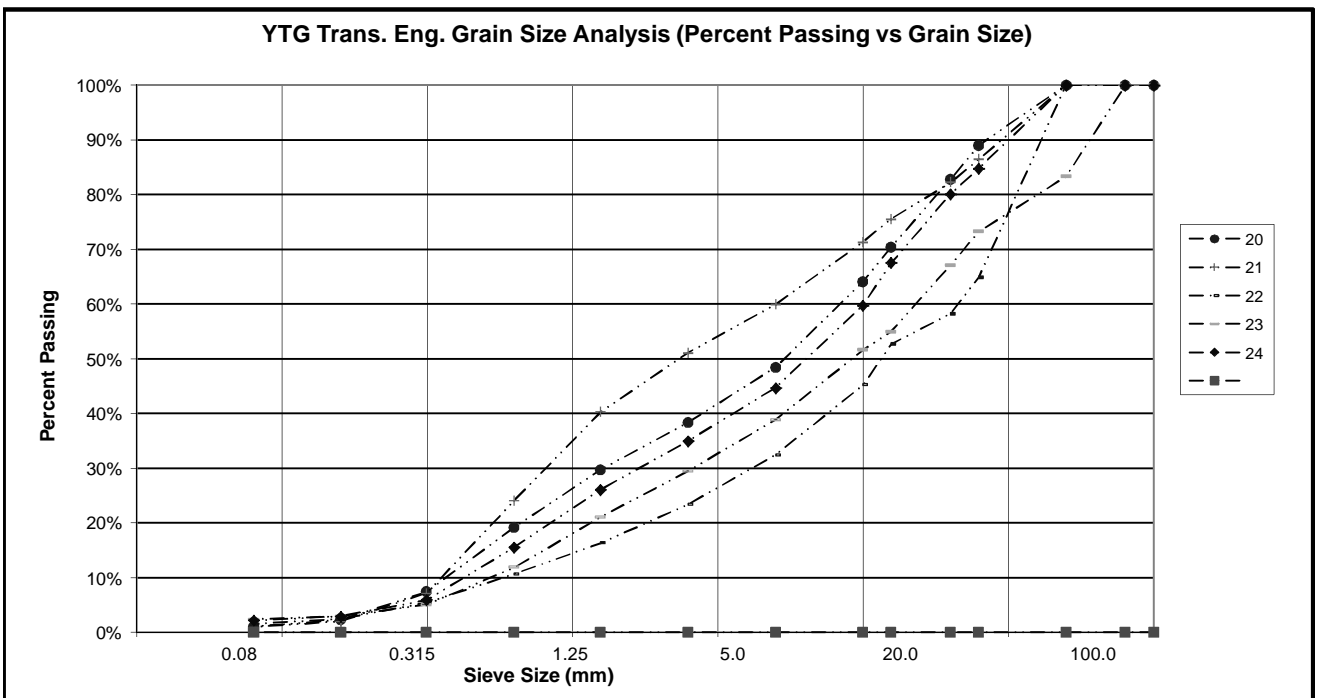
Master Revised Apr. 2004

PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4405

DATE COMP: 03/26/2013

FIELD NO:	20	21	22	23	24	
LAB NO:	34	35	36	37	38	
DEPTH:	0.6-0.8	1.8-2.0	3.0-3.2	3.9-4.1	4.8-5.0	
TYPE:	BULK	BULK	BULK	BULK	BULK	#N/A
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	
100.0	100%	100%	100%	100%	100%	
80.0	100%	100%	100%	100%	100%	
50.0	100%	100%	100%	83%	100%	
25.0	89%	86%	65%	73%	85%	
20.0	83%	82%	58%	67%	80%	
12.5	70%	76%	53%	55%	68%	
10.0	64%	71%	45%	52%	60%	
5.0	48%	60%	32%	39%	45%	
2.5	38%	51%	23%	30%	35%	
1.25	30%	40%	16%	21%	26%	
0.630	19%	24%	11%	12%	16%	
0.315	7%	7%	5%	5%	6%	
0.160	2%	2%	2%	3%	3%	
0.080	1%	1%	2%	2%	2%	
M.C.(%)	3%	2%	4%	2%	3%	
LIQUID LIMIT:	0.0	0.0	0.0	0.0	0.0	
PLASTIC LIMIT:	0.0	0.0	0.0	0.0	0.0	
PLASTIC INDEX.:	0.0	0.0	0.0	0.0	0.0	
% GRAVEL:	52	40	68	61	55	
% SAND:	47	59	31	37	43	
% FINES:	1	1	2	2	2	
CLASSIFICATION	POORLY GRADED GRAVEL WITH SAND (GP)	WELL-GRADED SAND WITH GRAVEL (SW)	WELL-GRADED GRAVEL WITH SAND (GW)	POORLY GRADED GRAVEL WITH SAND (GP)	POORLY GRADED GRAVEL WITH SAND (GP)	

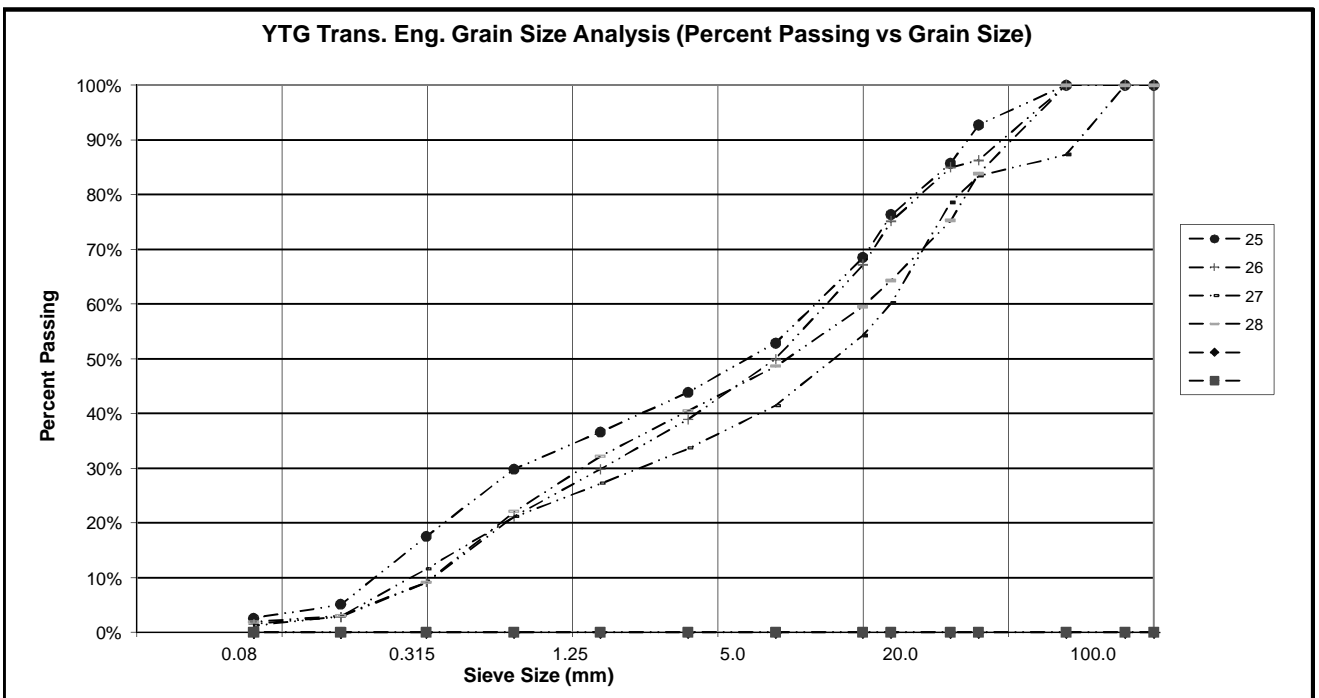


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4406

DATE COMP: 03/26/2013

FIELD NO:	25	26	27	28		
LAB NO:	39	40	41	42		
DEPTH:	0.7-0.9	2.0-2.2	2.9-3.1	4.2-4.4		
TYPE:	BULK	BULK	BULK	BULK		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	100%	100%	87%	100%		
25.0	93%	86%	83%	84%		
20.0	86%	85%	79%	75%		
12.5	76%	75%	60%	64%		
10.0	69%	67%	54%	60%		
5.0	53%	50%	41%	49%		
2.5	44%	39%	34%	40%		
1.25	37%	30%	27%	32%		
0.630	30%	21%	21%	22%		
0.315	18%	9%	12%	9%		
0.160	5%	3%	3%	3%		
0.080	3%	2%	1%	2%		
M.C.(%):	3%	3%	3%	3%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	47	50	59	51		
% SAND:	50	48	40	47		
% FINES:	3	2	1	2		
CLASSIFICATION	WELL-GRADED SAND WITH GRAVEL (SW)	POORLY GRADED GRAVEL WITH SAND (GP)	POORLY GRADED GRAVEL WITH SAND (GP)	POORLY GRADED GRAVEL WITH SAND (GP)		



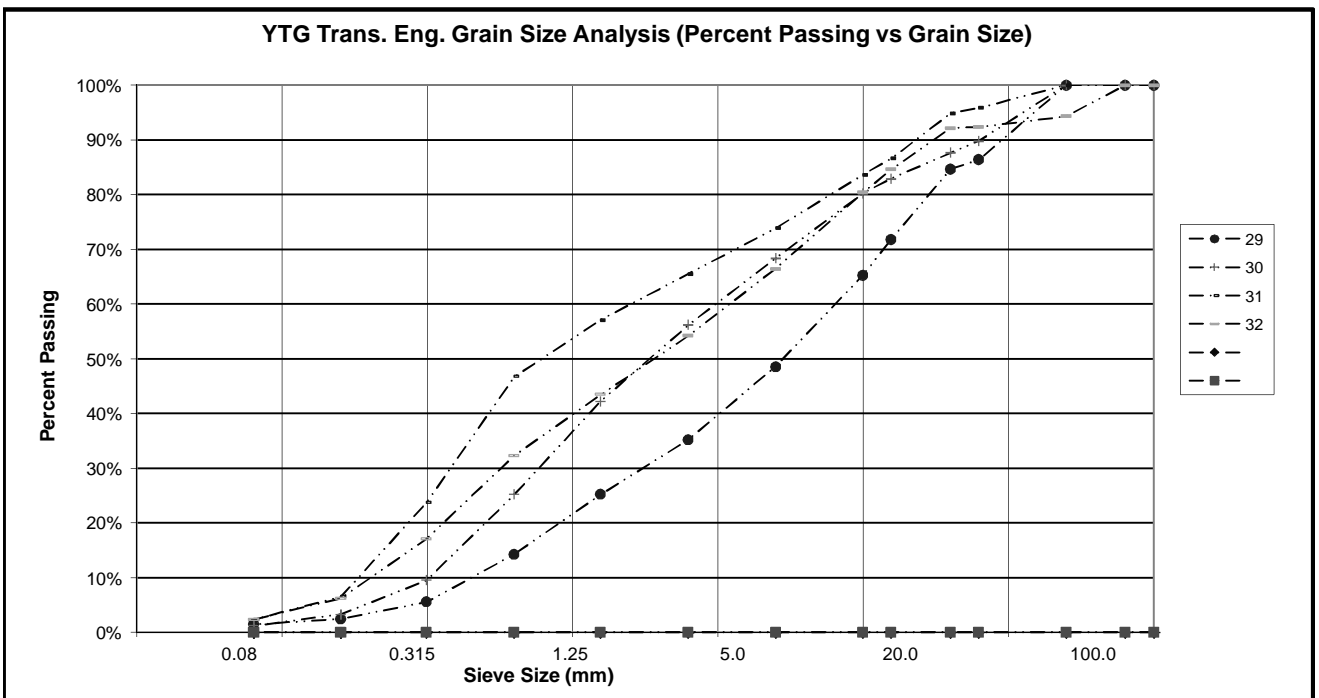
Master Revised Apr. 2004

PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4407

DATE COMP: 03/26/2013

FIELD NO:	29	30	31	32		
LAB NO:	43	44	45	46		
DEPTH:	1.0-1.2	2.3-2.5	3.2-3.4	3.9-4.1		
TYPE:	BULK	BULK	BULK	BULK		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	100%	100%	100%	94%		
25.0	86%	90%	96%	92%		
20.0	85%	88%	95%	92%		
12.5	72%	83%	87%	85%		
10.0	65%	80%	84%	80%		
5.0	49%	68%	74%	66%		
2.5	35%	56%	65%	54%		
1.25	25%	42%	57%	43%		
0.630	14%	25%	47%	32%		
0.315	6%	10%	24%	17%		
0.160	2%	3%	7%	6%		
0.080	2%	1%	2%	2%		
M.C.(%)	3%	2%	3%	3%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	51	32	26	34		
% SAND:	47	67	71	64		
% FINES:	2	1	2	2		
CLASSIFICATION	POORLY GRADED GRAVEL WITH SAND (GP)	WELL-GRADED SAND WITH GRAVEL (SW)	WELL-GRADED SAND WITH GRAVEL (SW)	WELL-GRADED SAND WITH GRAVEL (SW)		

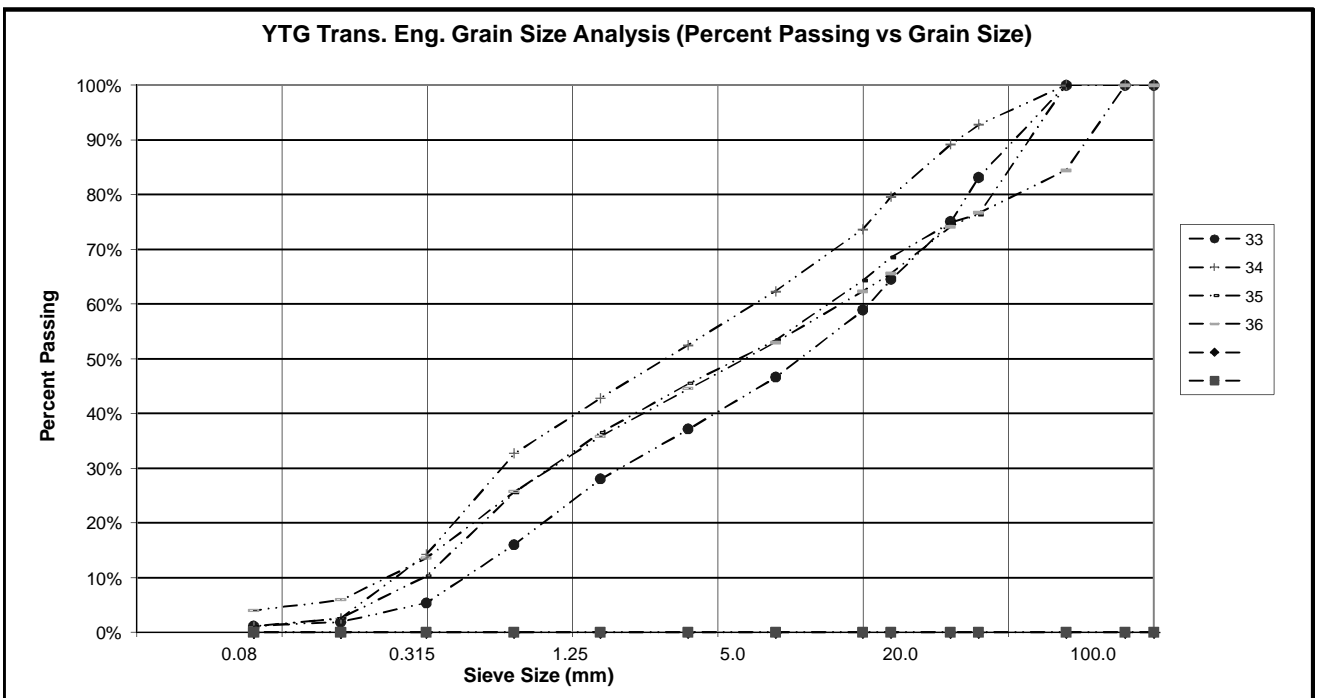


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4408

DATE COMP: 03/26/2013

FIELD NO:	33	34	35	36		
LAB NO:	47	48	49	50		
DEPTH:	0.9-1.1	2.0-2.2	2.8-3.1	3.9-4.1		
TYPE:	BULK	BULK	BULK	BULK		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	100%	100%	100%	84%		
25.0	83%	93%	76%	77%		
20.0	75%	89%	75%	74%		
12.5	65%	80%	69%	66%		
10.0	59%	74%	64%	62%		
5.0	47%	62%	53%	53%		
2.5	37%	53%	45%	45%		
1.25	28%	43%	37%	36%		
0.630	16%	33%	26%	26%		
0.315	5%	14%	10%	14%		
0.160	2%	3%	3%	6%		
0.080	1%	1%	1%	4%		
M.C.(%)	3%	3%	2%	3%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	53	38	47	47		
% SAND:	45	61	52	49		
% FINES:	1	1	1	4		
CLASSIFICATION	POORLY GRADED GRAVEL WITH SAND (GP)	WELL-GRADED SAND WITH GRAVEL (SW)	WELL-GRADED SAND WITH GRAVEL (SW)	WELL-GRADED SAND WITH GRAVEL (SW)		

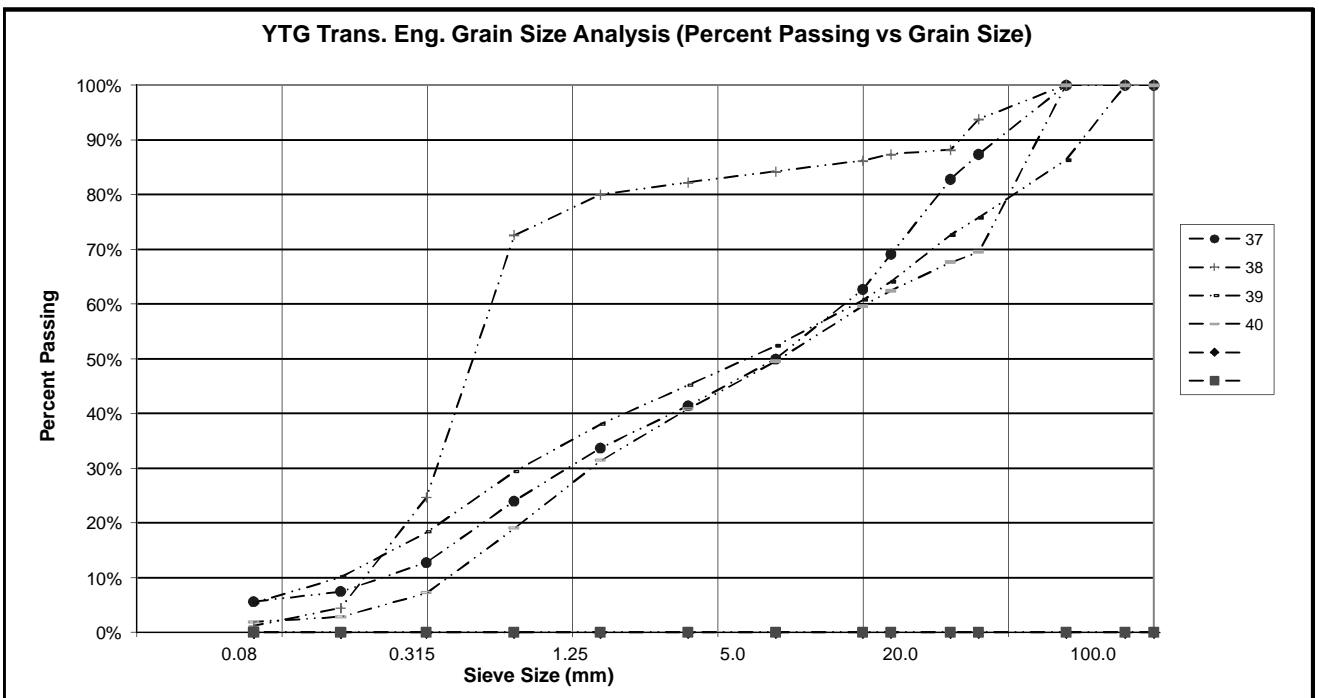


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4409

DATE COMP: 03/26/2013

FIELD NO:	37	38	39	40		
LAB NO:	51	52	53	54		
DEPTH:	0.7-0.9	2.0-2.3	3.0-3.2	4.0-4.2		
TYPE:	BULK	BULK	BULK	BULK		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	100%	100%	86%	100%		
25.0	87%	94%	76%	70%		
20.0	83%	88%	73%	68%		
12.5	69%	87%	64%	62%		
10.0	63%	86%	61%	60%		
5.0	50%	84%	52%	50%		
2.5	41%	82%	45%	41%		
1.25	34%	80%	38%	31%		
0.630	24%	73%	29%	19%		
0.315	13%	25%	18%	7%		
0.160	7%	4%	10%	3%		
0.080	6%	1%	5%	2%		
M.C.(%)	3%	3%	3%	2%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	50	16	48	50		
% SAND:	44	83	47	48		
% FINES:	6	1	5	2		
CLASSIFICATION	POORLY GRADED GRAVEL WITH SILT & SAND (GP-GM)	POORLY GRADED SAND WITH GRAVEL (SP)	POORLY GRADED GRAVEL WITH SILT & SAND (GP-GM)	POORLY GRADED GRAVEL WITH SAND (GP)		

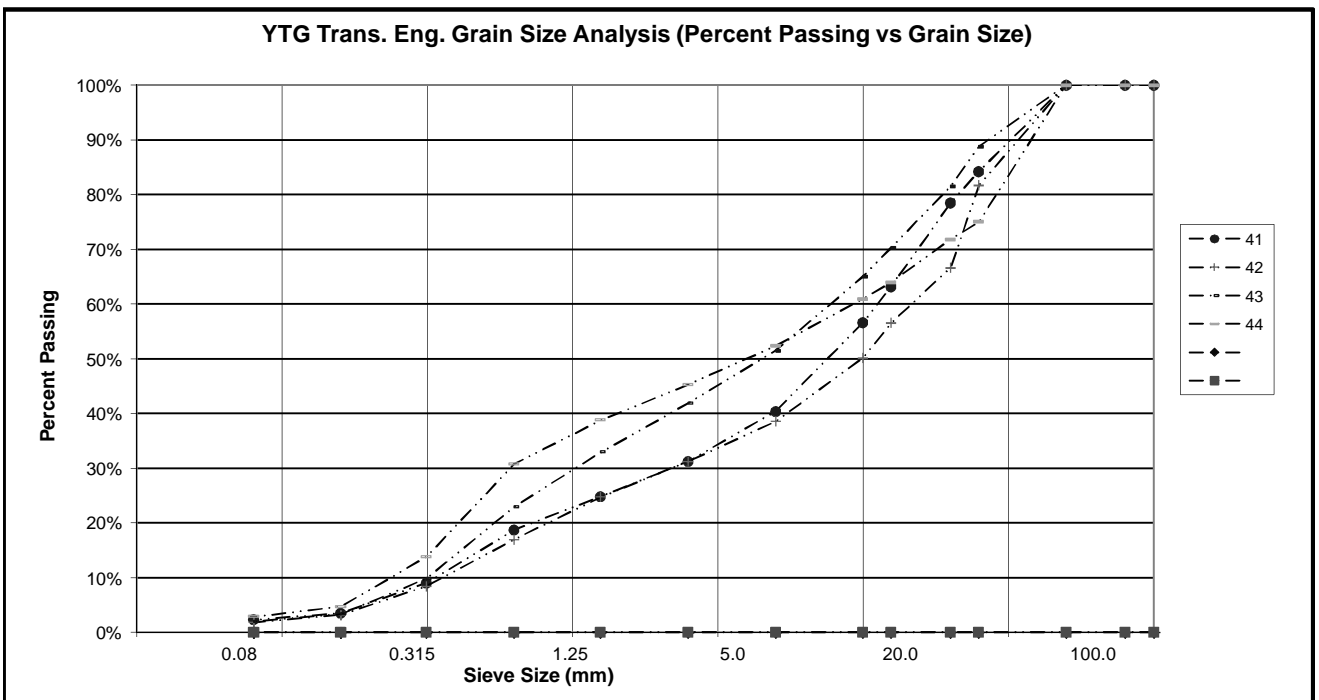


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4410

DATE COMP: 03/26/2013

FIELD NO:	41	42	43	44		
LAB NO:	55	56	57	58		
DEPTH:	0.8-1.0	2.0-2.3	3.1-3.3	3.9-4.2		
TYPE:	BULK	BULK	BULK	BULK		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	100%	100%	100%	100%		
25.0	84%	82%	89%	75%		
20.0	78%	67%	82%	72%		
12.5	63%	57%	70%	64%		
10.0	57%	50%	65%	61%		
5.0	40%	39%	51%	52%		
2.5	31%	31%	42%	45%		
1.25	25%	25%	33%	39%		
0.630	19%	17%	23%	31%		
0.315	9%	8%	10%	14%		
0.160	4%	3%	3%	5%		
0.080	2%	2%	2%	3%		
M.C.(%)	3%	3%	4%	3%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	60	61	49	48		
% SAND:	38	37	49	49		
% FINES:	2	2	2	3		
CLASSIFICATION	WELL-GRADED GRAVEL WITH SAND (GW)	POORLY GRADED GRAVEL WITH SAND (GP)	WELL-GRADED SAND WITH GRAVEL (SW)	WELL-GRADED SAND WITH GRAVEL (SW)		

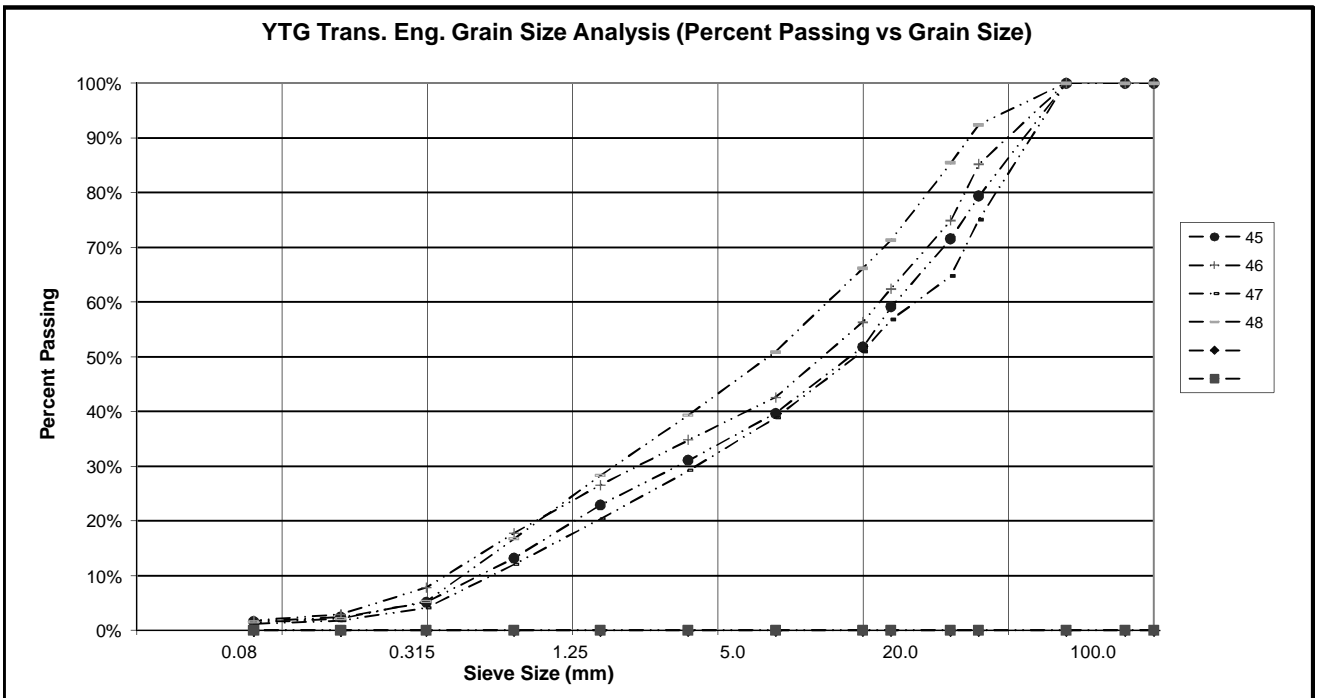


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4411

DATE COMP: 03/27/2013

FIELD NO:	45	46	47	48		
LAB NO:	59	60	61	62		
DEPTH:	0.9-1.1	2.0-2.2	2.9-3.1	4.0-4.2		
TYPE:	BULK	BULK	BULK	BULK		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	100%	100%	100%	100%		
25.0	79%	85%	75%	92%		
20.0	72%	75%	65%	85%		
12.5	59%	62%	57%	71%		
10.0	52%	56%	51%	66%		
5.0	40%	43%	39%	51%		
2.5	31%	35%	29%	39%		
1.25	23%	27%	20%	28%		
0.630	13%	18%	12%	17%		
0.315	5%	8%	4%	5%		
0.160	2%	3%	2%	2%		
0.080	2%	2%	1%	1%		
M.C.(%)	2%	3%	2%	3%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	60	57	61	49		
% SAND:	38	41	38	49		
% FINES:	2	2	1	1		
CLASSIFICATION	POORLY GRADED GRAVEL WITH SAND (GP)	POORLY GRADED GRAVEL WITH SAND (GP)	POORLY GRADED GRAVEL WITH SAND (GP)	WELL-GRADED SAND WITH GRAVEL (SW)		

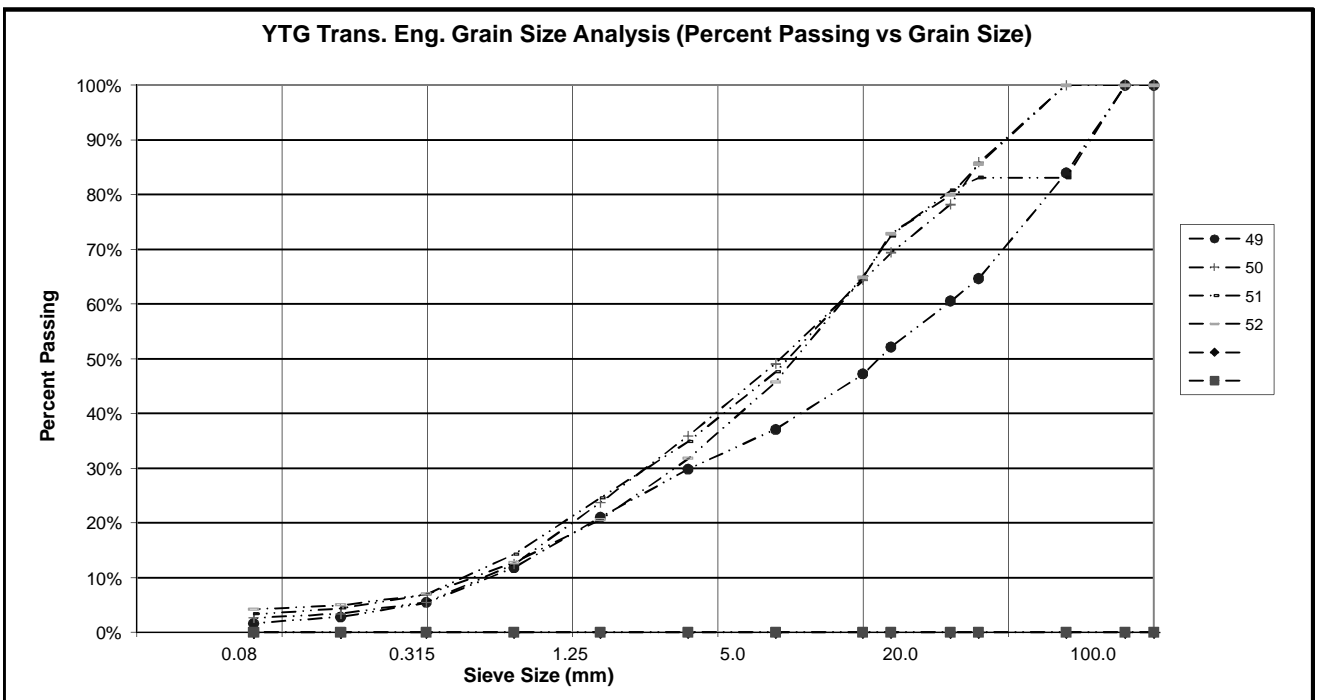


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4412

DATE COMP: 03/27/2013

FIELD NO:	49	50	51	52		
LAB NO:	63	64	65	66		
DEPTH:	0.8-1.0	1.9-2.1	2.9-3.1	4.0-4.2		
TYPE:	BULK	BULK	BULK	BULK		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	84%	100%	83%	100%		
25.0	65%	86%	83%	86%		
20.0	61%	78%	81%	80%		
12.5	52%	69%	73%	73%		
10.0	47%	64%	65%	65%		
5.0	37%	49%	48%	46%		
2.5	30%	36%	35%	32%		
1.25	21%	24%	25%	21%		
0.630	12%	12%	14%	13%		
0.315	5%	6%	7%	7%		
0.160	3%	3%	4%	5%		
0.080	2%	3%	3%	4%		
M.C.(%)	6%	5%	4%	4%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	63	51	52	54		
% SAND:	35	46	44	42		
% FINES:	2	3	3	4		
CLASSIFICATION	POORLY GRADED GRAVEL WITH SAND (GP)	POORLY GRADED GRAVEL WITH SAND (GP)	POORLY GRADED GRAVEL WITH SAND (GP)	WELL-GRADED GRAVEL WITH SAND (GW)		



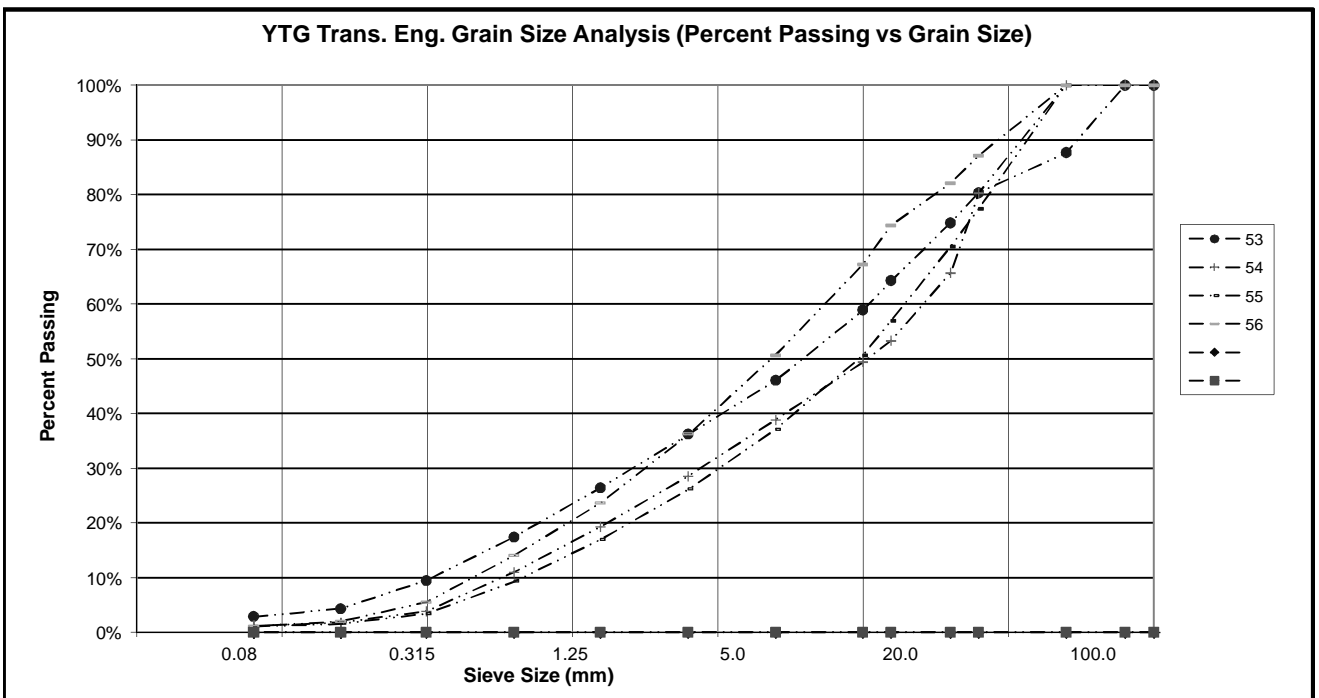
Master Revised Apr. 2004

PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4413

DATE COMP: 03/27/2013

FIELD NO:	53	54	55	56		
LAB NO:	67	68	69	70		
DEPTH:	0.8-1.0	1.9-2.1	3.0-3.2	4.1-4.3		
TYPE:	BULK	BULK	BULK	BULK		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	88%	100%	100%	100%		
25.0	80%	80%	77%	87%		
20.0	75%	66%	71%	82%		
12.5	64%	53%	57%	74%		
10.0	59%	49%	51%	67%		
5.0	46%	39%	37%	51%		
2.5	36%	29%	26%	36%		
1.25	26%	19%	17%	24%		
0.630	17%	11%	9%	14%		
0.315	9%	4%	3%	6%		
0.160	4%	2%	2%	2%		
0.080	3%	1%	1%	1%		
M.C.(%)	4%	2%	2%	2%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	54	61	63	49		
% SAND:	43	38	36	50		
% FINES:	3	1	1	1		
CLASSIFICATION	POORLY GRADED GRAVEL WITH SAND (GP)	POORLY GRADED GRAVEL WITH SAND (GP)	WELL-GRADED GRAVEL WITH SAND (GW)	WELL-GRADED SAND WITH GRAVEL (SW)		

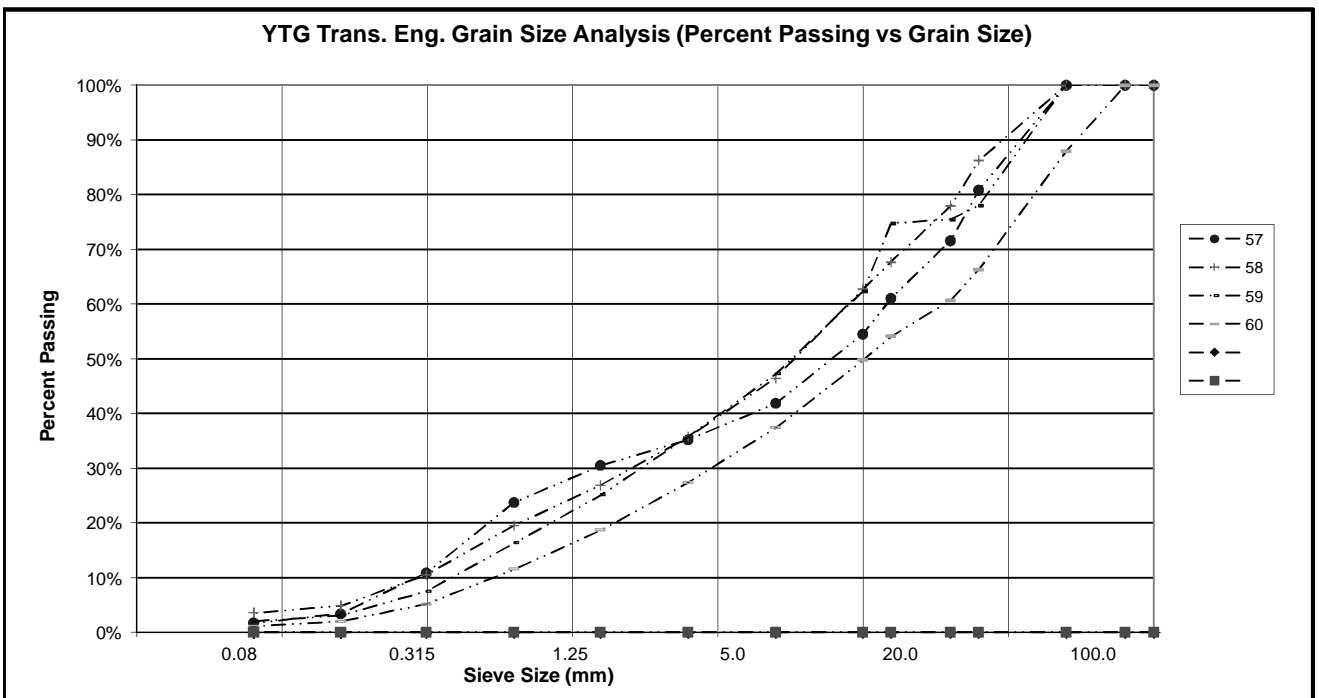


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4414

DATE COMP: 03/27/2013

FIELD NO:	57	58	59	60		
LAB NO:	71	72	73	74		
DEPTH:	1.0-1.2	2.2-2.4	2.9-3.1	4.1-4.3		
TYPE:	BULK	BULK	BULK	BULK		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	100%	100%	100%	88%		
25.0	81%	86%	78%	66%		
20.0	72%	78%	75%	61%		
12.5	61%	68%	75%	54%		
10.0	54%	63%	62%	50%		
5.0	42%	46%	47%	37%		
2.5	35%	36%	36%	27%		
1.25	31%	27%	25%	19%		
0.630	24%	20%	16%	12%		
0.315	11%	11%	8%	5%		
0.160	3%	5%	3%	2%		
0.080	2%	4%	2%	1%		
M.C.(%)	2%	6%	3%	2%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	58	54	53	63		
% SAND:	40	43	45	36		
% FINES:	2	4	2	1		
CLASSIFICATION	POORLY GRADED GRAVEL WITH SAND (GP)	WELL-GRADED GRAVEL WITH SAND (GW)	POORLY GRADED GRAVEL WITH SAND (GP)	POORLY GRADED GRAVEL WITH SAND (GP)		

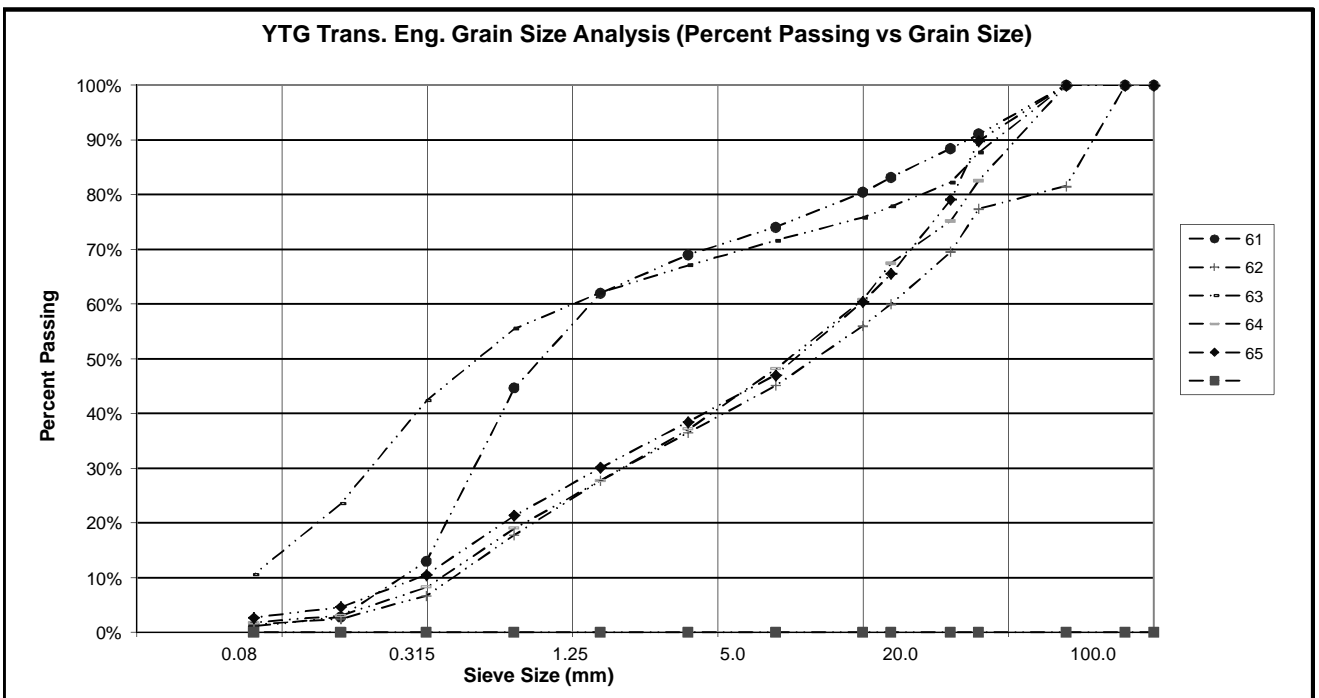


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4415

DATE COMP: 03/27/2013

FIELD NO:	61	62	63	64	65	
LAB NO:	75	76	77	78	79	
DEPTH:	0.9-1.0	2.1-2.3	3.1-3.3	4.0-4.2	4.8-5.0	
TYPE:	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	
100.0	100%	100%	100%	100%	100%	
80.0	100%	100%	100%	100%	100%	
50.0	100%	82%	100%	100%	100%	
25.0	91%	77%	88%	83%	90%	
20.0	88%	70%	82%	75%	79%	
12.5	83%	60%	78%	68%	66%	
10.0	80%	56%	76%	61%	61%	
5.0	74%	45%	72%	48%	47%	
2.5	69%	36%	67%	37%	39%	
1.25	62%	28%	62%	28%	30%	
0.630	45%	18%	56%	19%	21%	
0.315	13%	7%	42%	8%	11%	
0.160	3%	2%	24%	3%	5%	
0.080	1%	2%	11%	2%	3%	
M.C.(%)	3%	3%	6%	2%	2%	
LIQUID LIMIT:	0.0	0.0	0.0	0.0	0.0	
PLASTIC LIMIT:	0.0	0.0	0.0	0.0	0.0	
PLASTIC INDEX.:	0.0	0.0	0.0	0.0	0.0	
% GRAVEL:	26	55	28	52	53	
% SAND:	73	44	61	46	44	
% FINES:	1	2	11	2	3	
CLASSIFICATION	POORLY GRADED SAND WITH GRAVEL (SP)	POORLY GRADED GRAVEL WITH SAND (GP)	WELL-GRADED SAND WITH SILT & GRAVEL (SW-SM)	POORLY GRADED GRAVEL WITH SAND (GP)	POORLY GRADED GRAVEL WITH SAND (GP)	

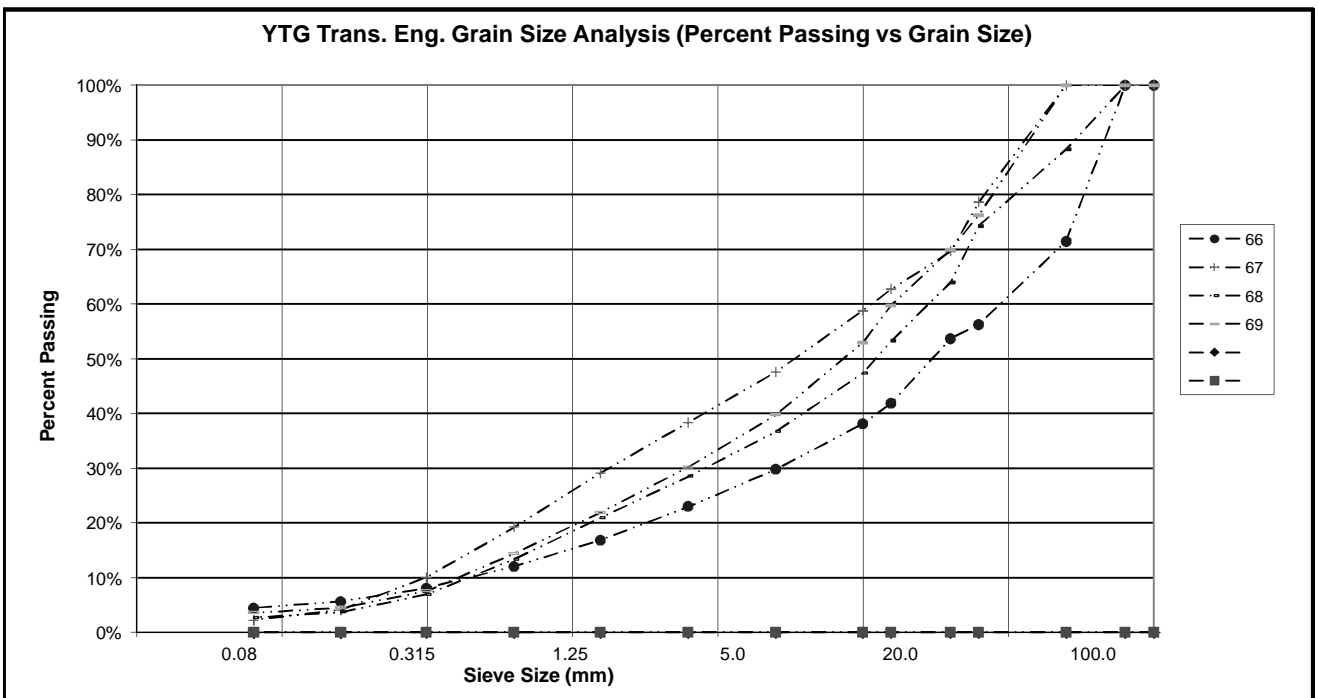


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4416

DATE COMP: 03/27/2013

FIELD NO:	66	67	68	69		
LAB NO:	80	81	82	83		
DEPTH:	1.0-1.2	2.1-2.3	3.0-3.2	4.0-4.2		
TYPE:	#N/A	#N/A	#N/A	#N/A		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	71%	100%	88%	100%		
25.0	56%	79%	74%	76%		
20.0	54%	70%	64%	70%		
12.5	42%	63%	53%	60%		
10.0	38%	59%	47%	53%		
5.0	30%	48%	37%	40%		
2.5	23%	38%	29%	30%		
1.25	17%	29%	21%	22%		
0.630	12%	19%	13%	14%		
0.315	8%	10%	7%	8%		
0.160	6%	4%	4%	5%		
0.080	4%	2%	3%	4%		
M.C.(%)	4%	2%	4%	2%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	70	52	63	60		
% SAND:	25	45	34	36		
% FINES:	4	2	3	4		
CLASSIFICATION	WELL-GRADED GRAVEL WITH SAND (GW)	POORLY GRADED GRAVEL WITH SAND (GP)	WELL-GRADED GRAVEL WITH SAND (GW)	WELL-GRADED GRAVEL WITH SAND (GW)		

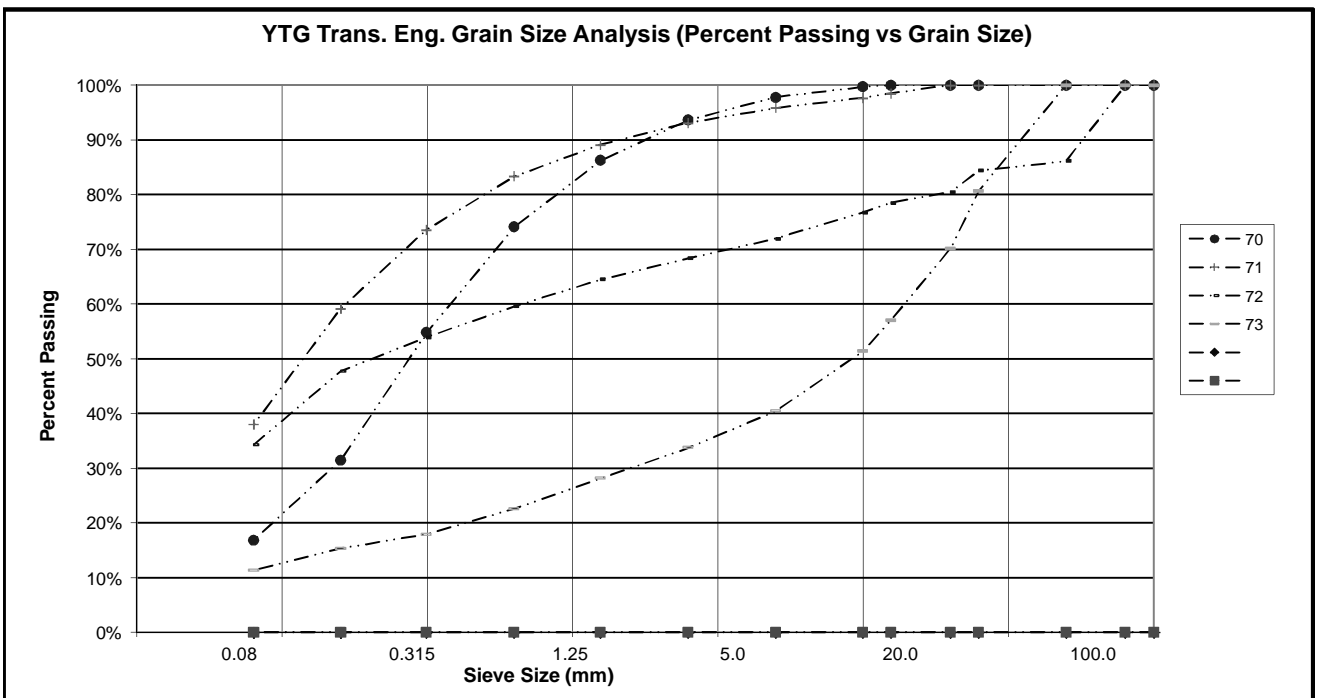


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4417

DATE COMP: 03/27/2013

FIELD NO:	70	71	72	73		
LAB NO:	84	85	86	87		
DEPTH:	0.8-1.0	1.9-2.1	3.0-3.2	3.9-4.1		
TYPE:	#N/A	#N/A	#N/A	#N/A		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	100%	100%	86%	100%		
25.0	100%	100%	84%	81%		
20.0	100%	100%	80%	70%		
12.5	100%	99%	79%	57%		
10.0	100%	98%	77%	51%		
5.0	98%	96%	72%	40%		
2.5	94%	93%	68%	34%		
1.25	86%	89%	64%	28%		
0.630	74%	83%	60%	23%		
0.315	55%	74%	54%	18%		
0.160	31%	59%	48%	15%		
0.080	17%	38%	34%	11%		
M.C.(%)	5%	12%	15%	4%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	2	4	28	60		
% SAND:	81	58	38	29		
% FINES:	17	38	34	11		
CLASSIFICATION	SILTY SAND (SM)	SILTY SAND (SM)	SILTY SAND WITH GRAVEL (SM)	POORLY GRADED GRAVEL WITH SILT & SAND (GP-GM)		

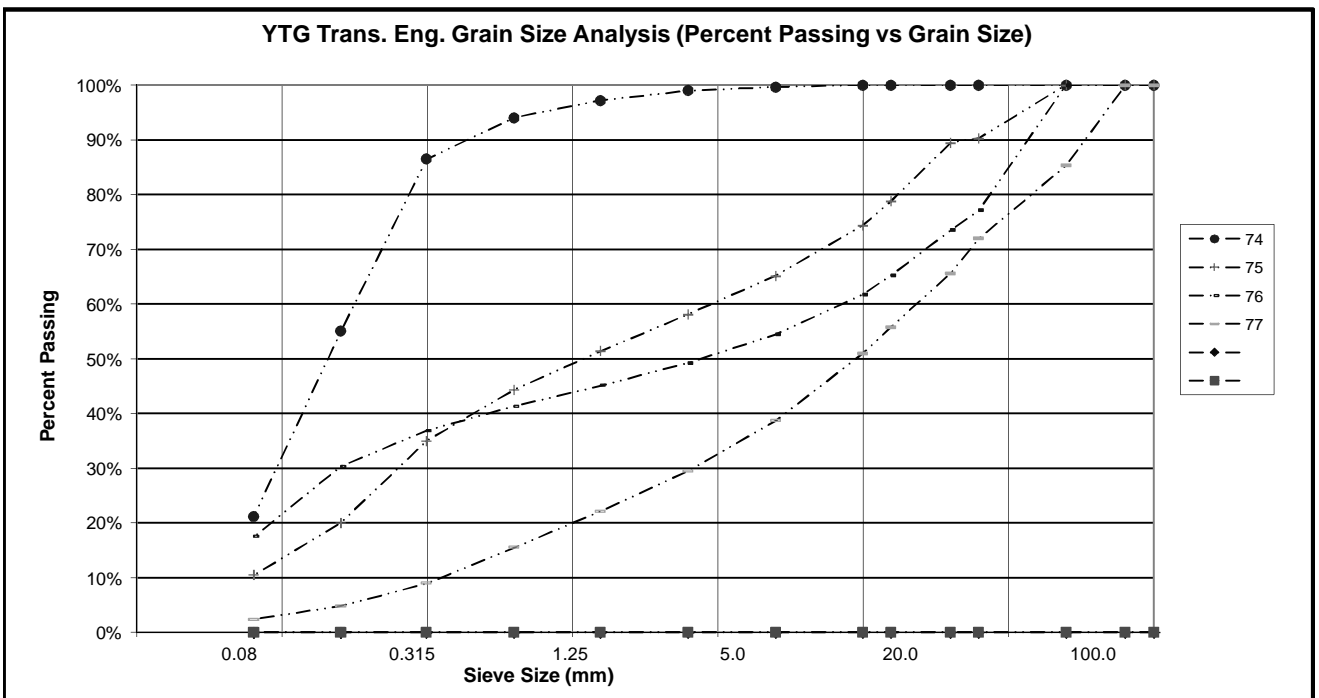


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4418

DATE COMP: 03/27/2013

FIELD NO:	74	75	76	77		
LAB NO:	88	89	90	91		
DEPTH:	0.9-1.1	2.0-2.2	2.9-3.1	4.0-4.2		
TYPE:	#N/A	#N/A	#N/A	#N/A		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	100%	100%	100%	85%		
25.0	100%	90%	77%	72%		
20.0	100%	89%	74%	66%		
12.5	100%	79%	65%	56%		
10.0	100%	74%	62%	51%		
5.0	100%	65%	54%	39%		
2.5	99%	58%	49%	30%		
1.25	97%	51%	45%	22%		
0.630	94%	44%	41%	16%		
0.315	87%	35%	37%	9%		
0.160	55%	20%	30%	5%		
0.080	21%	11%	18%	2%		
M.C.(%):	7%	5%	7%	2%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	0	35	46	61		
% SAND:	78	55	37	36		
% FINES:	21	11	18	2		
CLASSIFICATION	SILTY SAND (SM)	WELL-GRADED SAND WITH SILT & GRAVEL (SW-SM)	SILTY GRAVEL WITH SAND (GM)	WELL-GRADED GRAVEL WITH SAND (GW)		

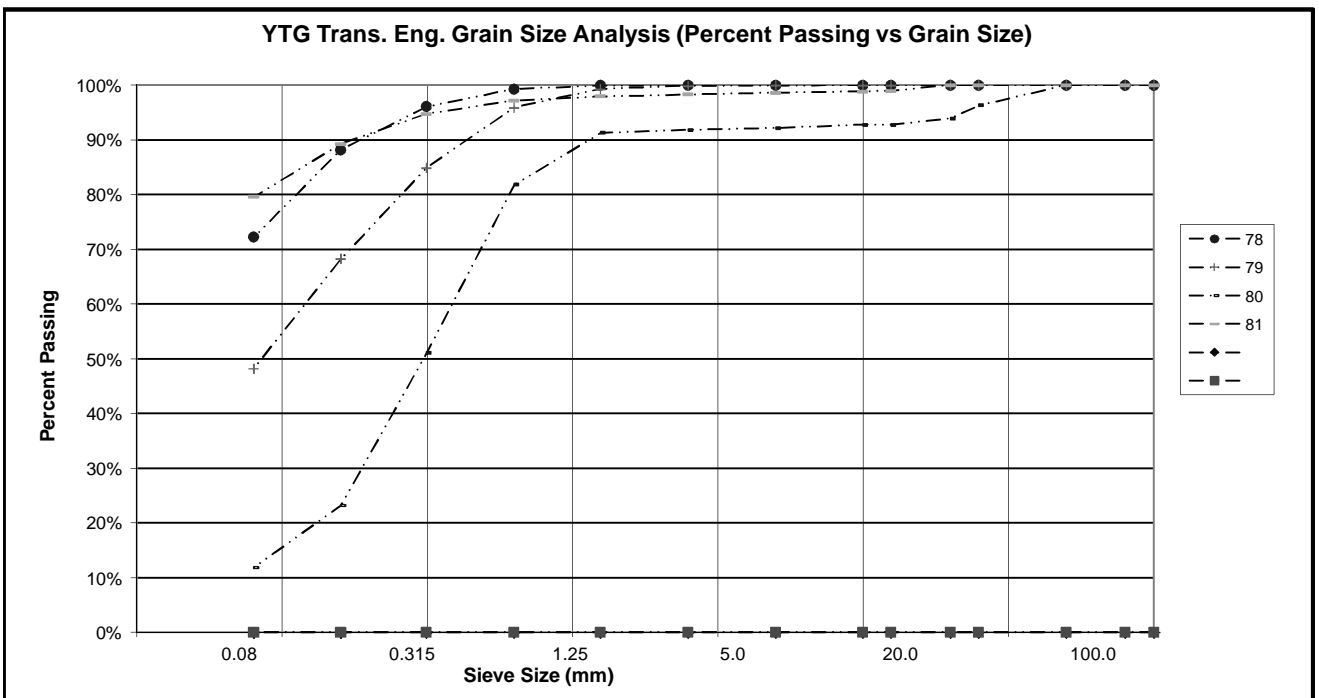


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4419

DATE COMP: 03/28/2013

FIELD NO:	78	79	80	81		
LAB NO:	92	93	94	95		
DEPTH:	0.8-1.0	2.0-2.2	3.0-3.2	4.0-4.2		
TYPE:	#N/A	#N/A	#N/A	#N/A		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	100%	100%	100%	100%		
25.0	100%	100%	96%	100%		
20.0	100%	100%	94%	100%		
12.5	100%	100%	93%	99%		
10.0	100%	100%	93%	99%		
5.0	100%	100%	92%	99%		
2.5	100%	100%	92%	98%		
1.25	100%	99%	91%	98%		
0.630	99%	96%	82%	97%		
0.315	96%	85%	51%	95%		
0.160	88%	68%	23%	89%		
0.080	72%	48%	12%	80%		
M.C.(%)	20%	12%	4%	13%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	0	0	8	1		
% SAND:	28	52	80	19		
% FINES:	72	48	12	80		
CLASSIFICATION	SILT WITH SAND (ML)	SILTY SAND (SM)	WELL-GRADED SAND WITH SILT (SW-SM)	SILT WITH SAND (ML)		

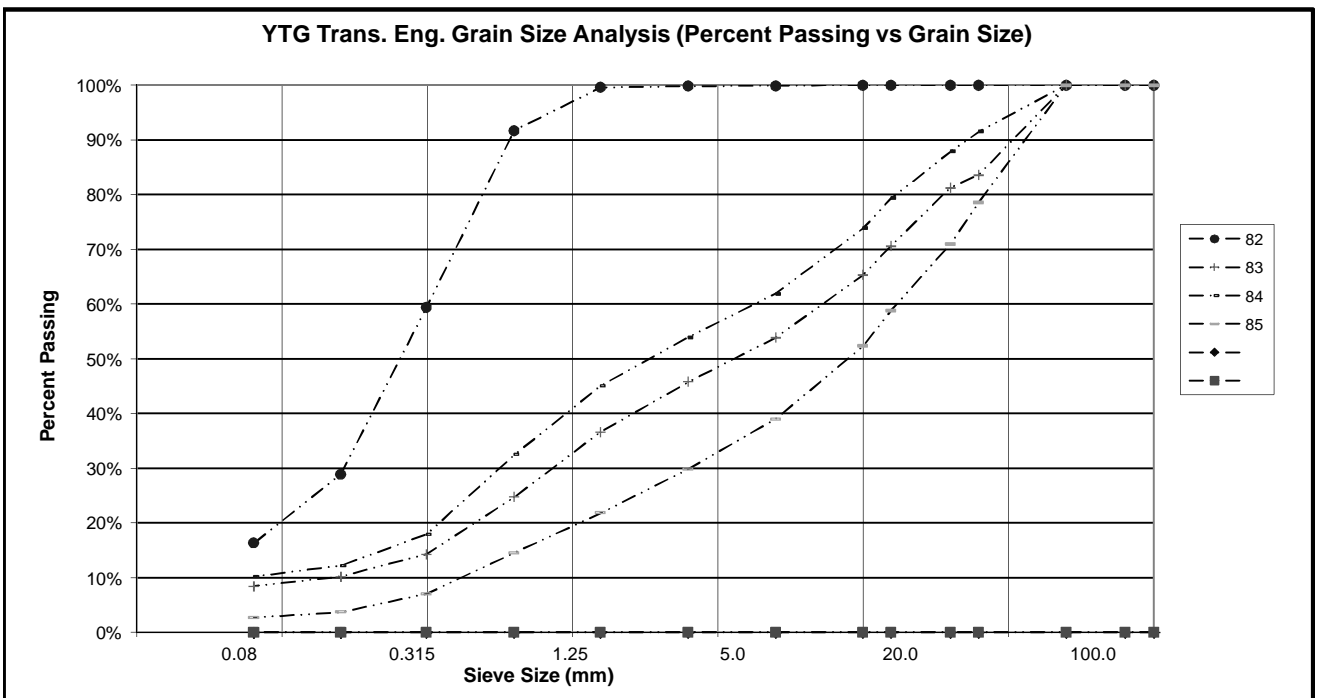


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4420

DATE COMP: 03/28/2013

FIELD NO:	82	83	84	85		
LAB NO:	96	97	98	99		
DEPTH:	0.8-1.0	2.1-2.3	3.0-3.2	3.9-4.1		
TYPE:	#N/A	#N/A	#N/A	#N/A		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	100%	100%	100%	100%		
25.0	100%	84%	92%	79%		
20.0	100%	81%	88%	71%		
12.5	100%	71%	79%	59%		
10.0	100%	65%	74%	52%		
5.0	100%	54%	62%	39%		
2.5	100%	46%	54%	30%		
1.25	100%	37%	45%	22%		
0.630	92%	25%	32%	15%		
0.315	59%	14%	18%	7%		
0.160	29%	10%	12%	4%		
0.080	16%	8%	10%	3%		
M.C.(%)	6%	3%	3%	2%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	0	46	38	61		
% SAND:	84	45	52	36		
% FINES:	16	8	10	3		
CLASSIFICATION	SILTY SAND (SM)	POORLY GRADED GRAVEL WITH SILT & SAND (GP-GM)	WELL-GRADED SAND WITH SILT & GRAVEL (SW-SM)	WELL-GRADED GRAVEL WITH SAND (GW)		

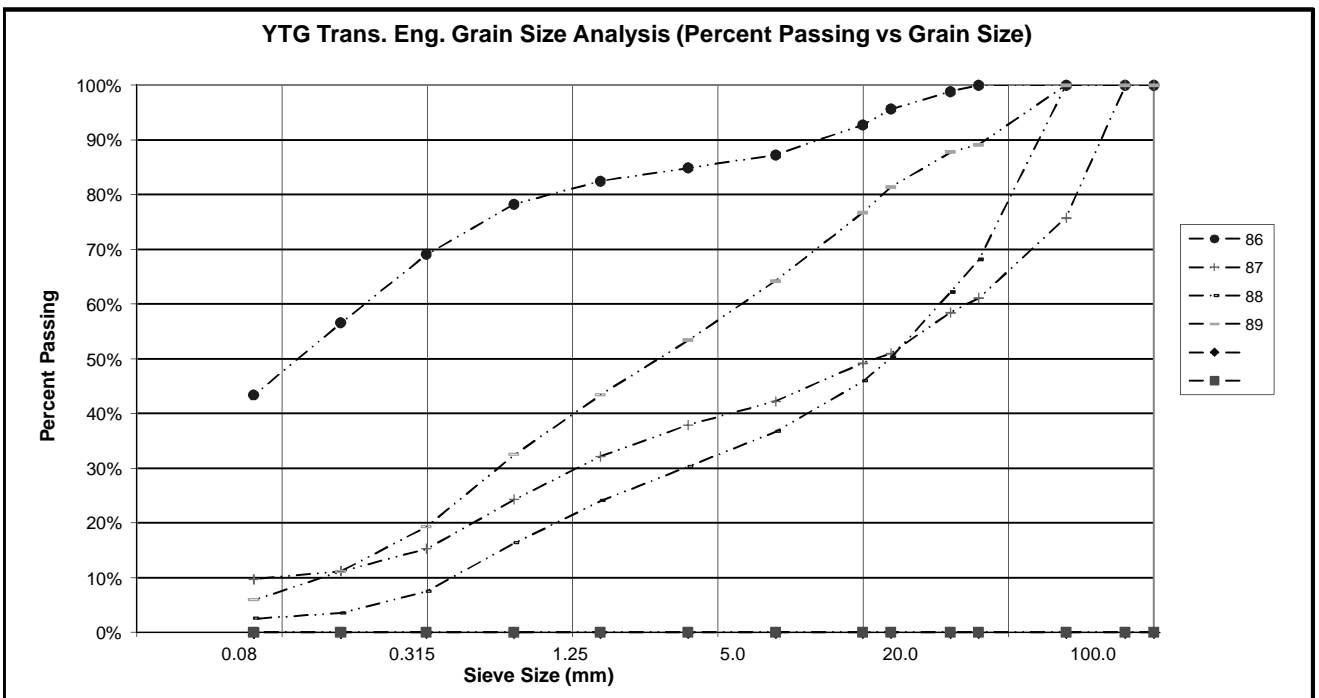


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4421

DATE COMP: 03/28/2013

FIELD NO:	86	87	88	89		
LAB NO:	100	101	102	103		
DEPTH:	0.7-0.9	1.9-2.1	3.0-3.2	4.1-4.3		
TYPE:	#N/A	#N/A	#N/A	#N/A		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	100%	76%	100%	100%		
25.0	100%	61%	68%	89%		
20.0	99%	59%	62%	88%		
12.5	96%	51%	50%	81%		
10.0	93%	49%	46%	77%		
5.0	87%	42%	37%	64%		
2.5	85%	38%	30%	53%		
1.25	82%	32%	24%	43%		
0.630	78%	24%	16%	32%		
0.315	69%	15%	7%	19%		
0.160	57%	11%	4%	11%		
0.080	43%	10%	3%	6%		
M.C.(%):	11%	3%	2%	2%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	13	58	63	36		
% SAND:	44	32	34	58		
% FINES:	43	10	3	6		
CLASSIFICATION	SILTY SAND (SM)	POORLY GRADED GRAVEL WITH SILT & SAND (GP-GM)	POORLY GRADED GRAVEL WITH SAND (GP)	WELL-GRADED SAND WITH SILT & GRAVEL (SW-SM)		

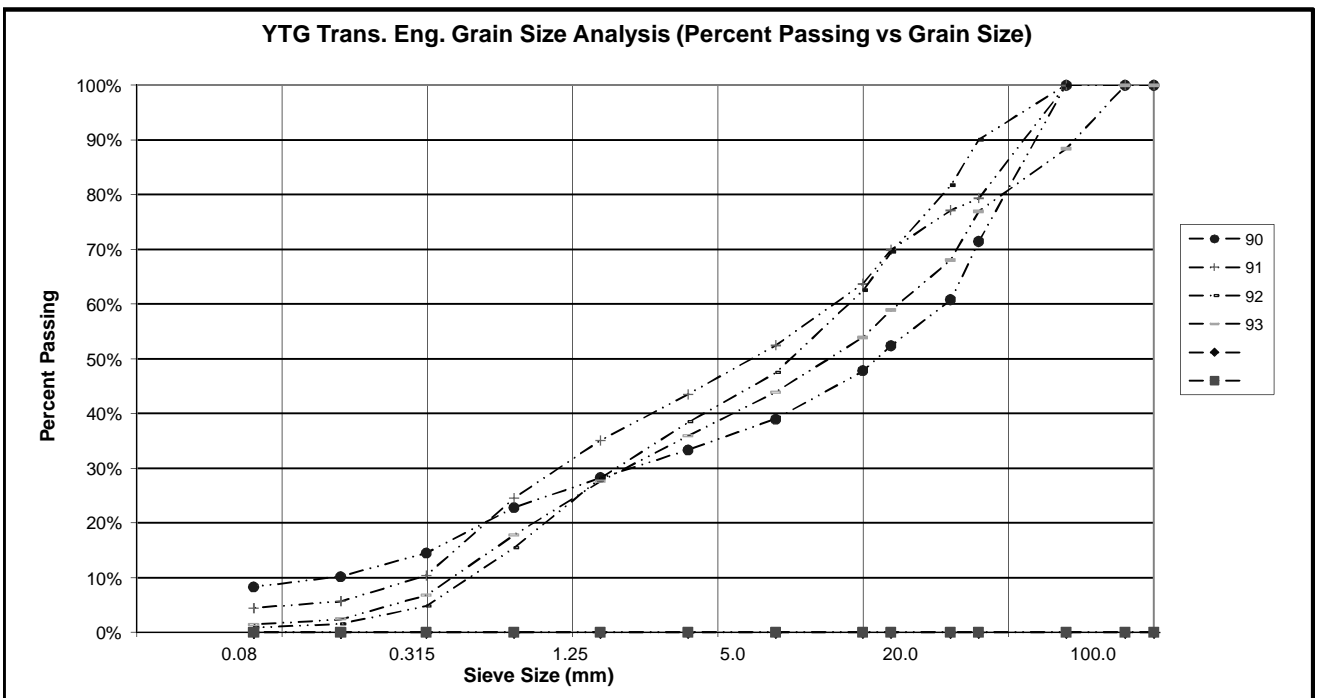


PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4422

DATE COMP: 03/28/2013

FIELD NO:	90	91	92	93		
LAB NO:	104	105	106	107		
DEPTH:	0.8-1.0	1.9-2.1	3.0-3.2	3.9-4.1		
TYPE:	#N/A	#N/A	#N/A	#N/A		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	100%	100%	100%	88%		
25.0	72%	79%	90%	77%		
20.0	61%	77%	82%	68%		
12.5	52%	70%	70%	59%		
10.0	48%	64%	63%	54%		
5.0	39%	52%	47%	44%		
2.5	33%	44%	38%	36%		
1.25	28%	35%	28%	28%		
0.630	23%	25%	15%	18%		
0.315	15%	10%	5%	7%		
0.160	10%	6%	2%	2%		
0.080	8%	4%	1%	1%		
M.C.(%):	4%	4%	3%	2%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	61	48	53	56		
% SAND:	31	48	47	42		
% FINES:	8	4	1	1		
CLASSIFICATION	POORLY GRADED GRAVEL WITH SILT & SAND (GP-GM)	WELL-GRADED SAND WITH GRAVEL (SW)	POORLY GRADED GRAVEL WITH SAND (GP)	POORLY GRADED GRAVEL WITH SAND (GP)		



PROJECT NUMBER: 552-202101-0207-02044-02
 CLIENT: Yukon Government
 PROJECT NAME: Granular Investigation
 PROJECT LOCATION: Km 973.5 RHS Alaska Hwy 01
 DRILL UNIT: Hitachi EX 400
 HOLE LOCATION: See Plan / GPS
 LOGGED BY: Mackenzie Ingram

HOLE No.: 798-4423

DATE COMP: 03/28/2013

FIELD NO:	94	95	96	97		
LAB NO:	108	109	110	111		
DEPTH:	0.8-1.0	2.0-2.2	3.0-3.2	4.0-4.2		
TYPE:	#N/A	#N/A	#N/A	#N/A		
SIEVE SIZE	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING	PERCENT PASSING		
100.0	100%	100%	100%	100%		
80.0	100%	100%	100%	100%		
50.0	100%	100%	88%	100%		
25.0	75%	87%	75%	77%		
20.0	65%	81%	70%	70%		
12.5	51%	66%	60%	61%		
10.0	46%	59%	57%	56%		
5.0	35%	45%	47%	47%		
2.5	27%	35%	39%	39%		
1.25	20%	26%	32%	31%		
0.630	14%	17%	22%	21%		
0.315	10%	8%	10%	9%		
0.160	7%	3%	4%	3%		
0.080	5%	2%	2%	1%		
M.C.(%)	2%	2%	2%	3%		
LIQUID LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC LIMIT:	0.0	0.0	0.0	0.0		
PLASTIC INDEX.:	0.0	0.0	0.0	0.0		
% GRAVEL:	65	55	53	53		
% SAND:	30	43	45	45		
% FINES:	5	2	2	1		
CLASSIFICATION	WELL-GRADED GRAVEL WITH SILT & SAND (GW-GM)	POORLY GRADED GRAVEL WITH SAND (GP)	POORLY GRADED GRAVEL WITH SAND (GP)	POORLY GRADED GRAVEL WITH SAND (GP)		

