

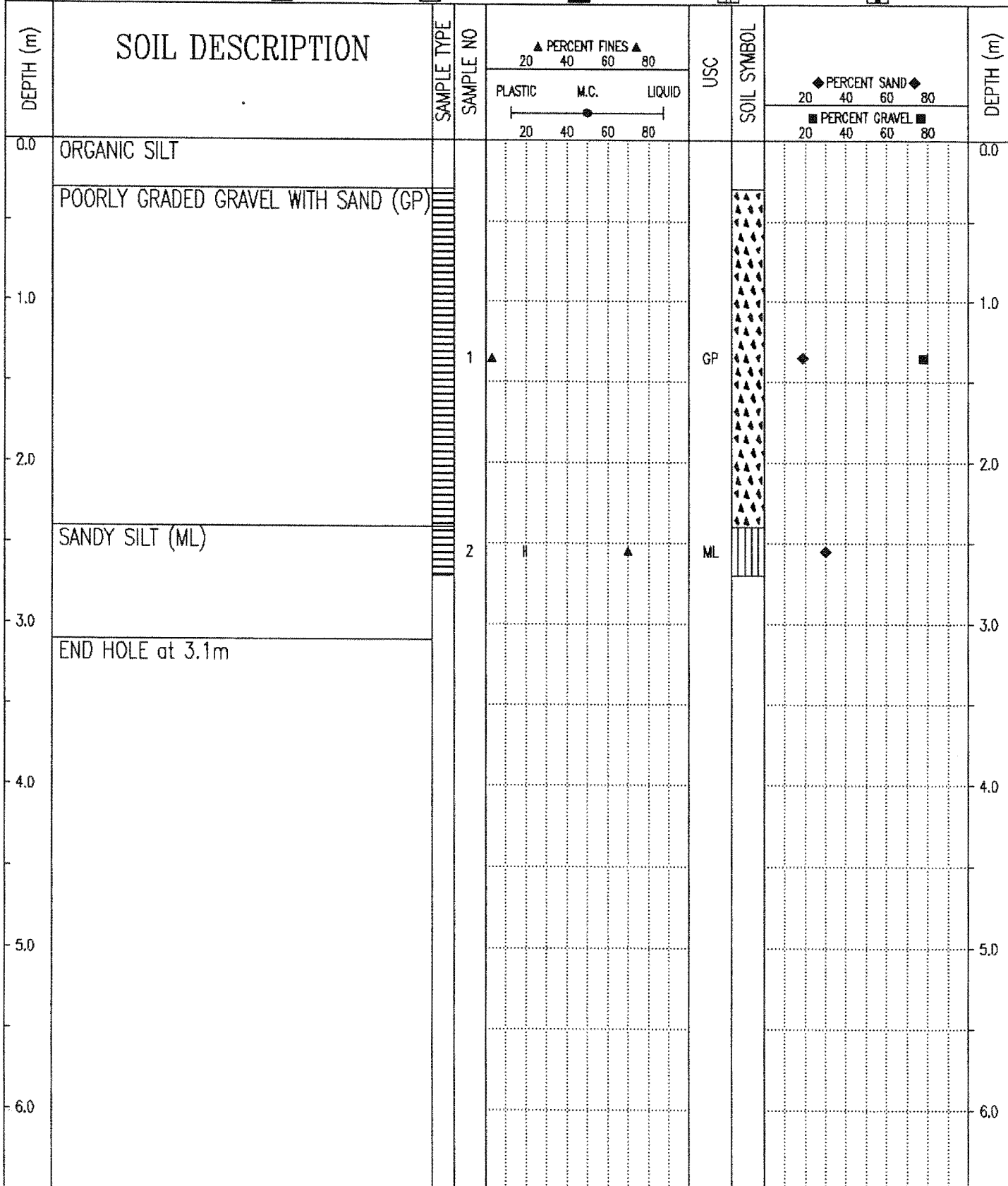
GEOTECHNICAL INVESTIGATION  
HIGHWAY CONSTRUCTION  
km 0 to km 5.2, FREEGOLD ROAD, Y.T.  
CENTRELINE AND GRANULAR TESTING

GR-999-043

## CENTRELINE TESTING

Hwy # 309

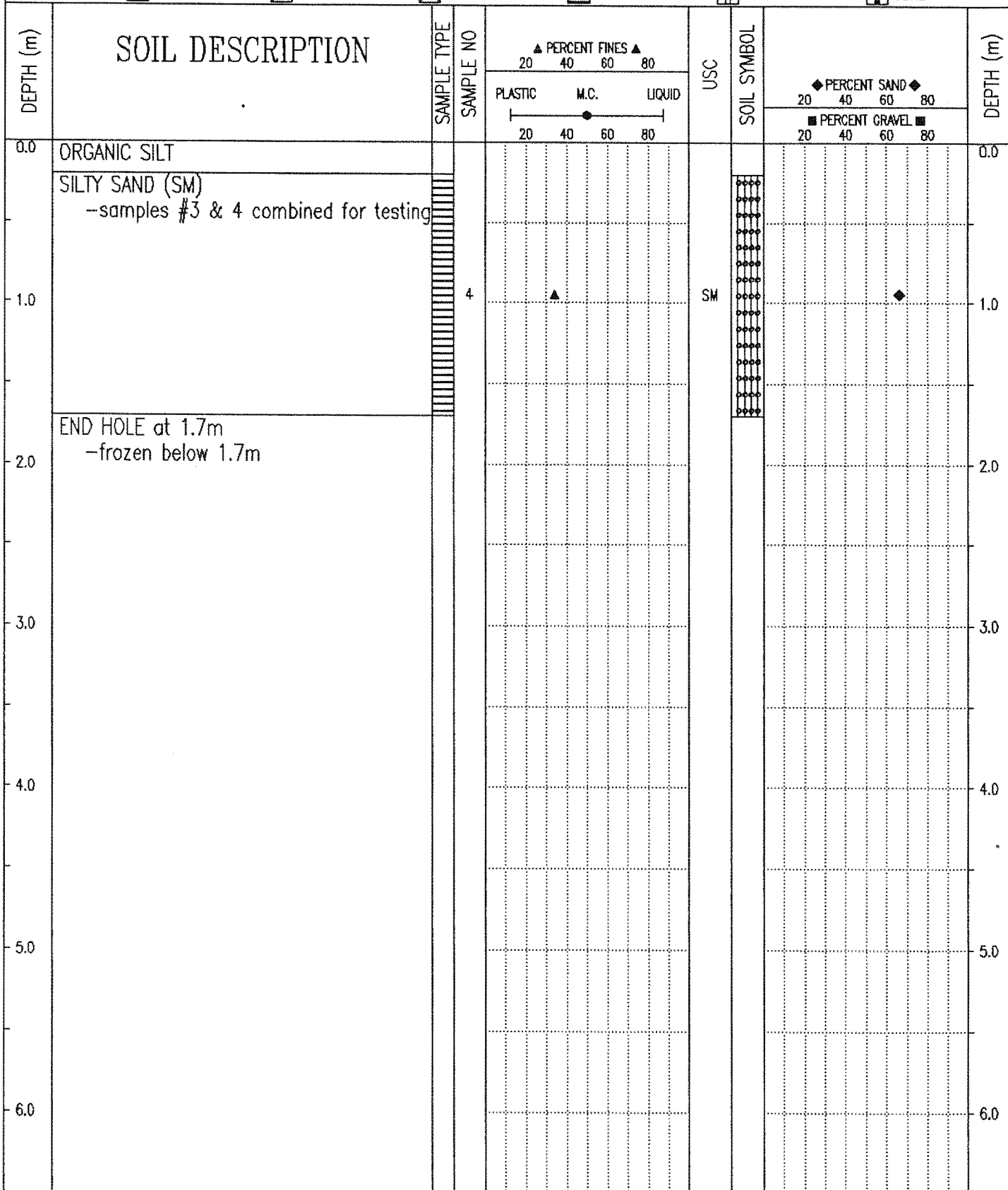
SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-01
ENGINEERING-CAPITAL		KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE		LOCATION: See Plan	ELEVATION: 0.00 (m)
SAMPLE TYPE <input checked="" type="checkbox"/> RETURN <input checked="" type="checkbox"/> S.P.T. <input checked="" type="checkbox"/> AUGER <input type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE			



Government of Yukon Transportation Engineering	LOGGED BY: JM	COMPLETION DEPTH: 3.1 m
	REVIEWED BY:	COMPLETE: 66/04/07
	Fig. No:	Page 1 of 1

SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION		TEST PIT NO: 66-02								
ENGINEERING-CAPITAL		KM 0+000-5+100		Project No: 202199-0501-194								
BACKHOE: D7 BACKHOE		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										
DEPTH (m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆		PERCENT GRAVEL ■	DEPTH (m)
				PLASTIC	M.C.	LIQUID			20	40		
0.0	ORGANIC SILT										0.0	
	SILTY SAND (SM) -samples #3 & 4 combined for testing		3				SM					
1.0											1.0	
2.0											2.0	
3.0	END HOLE at 3.1m										3.0	
4.0											4.0	
5.0											5.0	
6.0											6.0	
Government of Yukon Transportation Engineering				LOGGED BY: JM		COMPLETION DEPTH: 3.1 m						
				REVIEWED BY:		COMPLETE: 66/04/07						
				Fig. No:		Page 1 of 1						

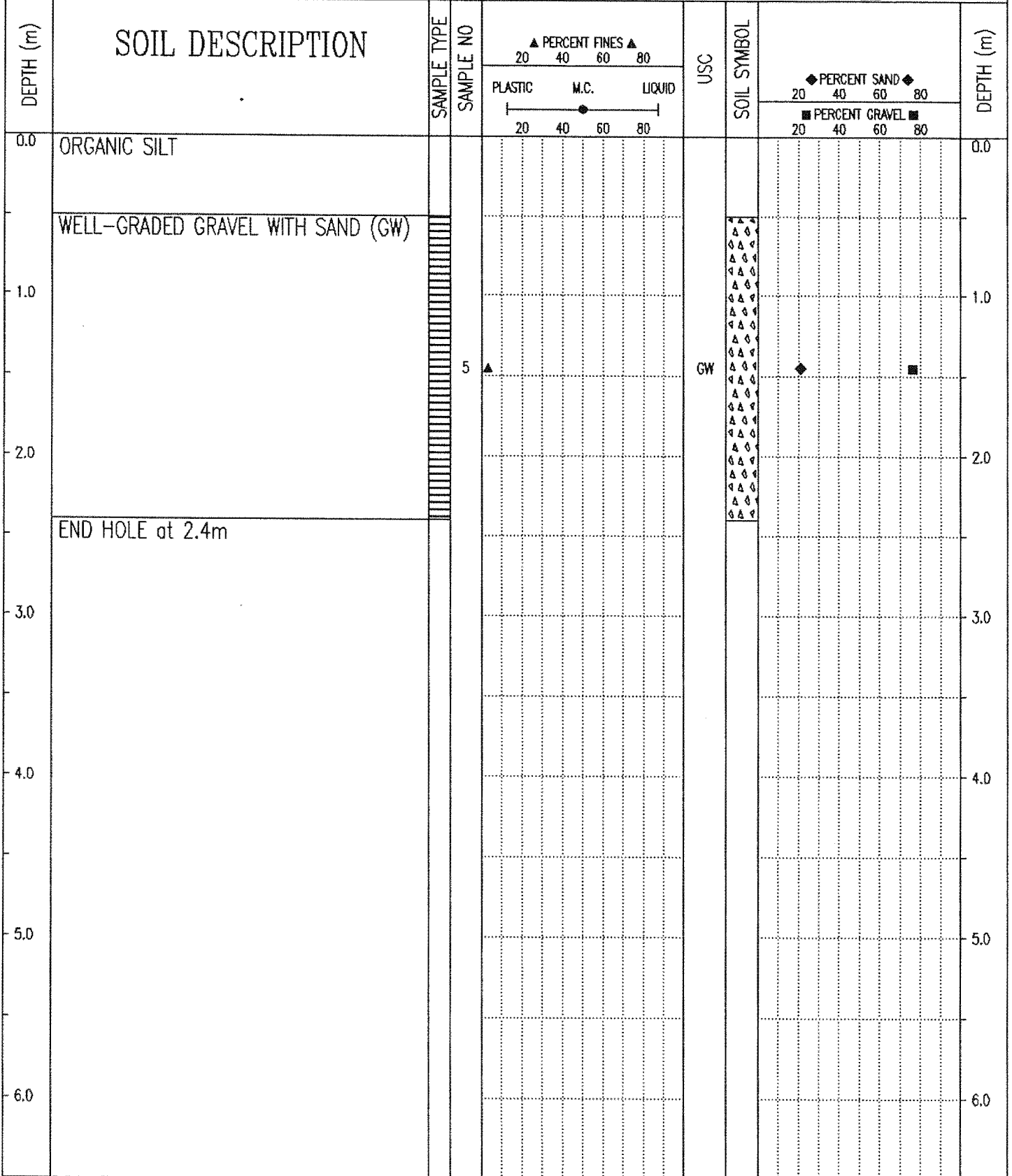
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ENGINEERING-CAPITAL	KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE	LOCATION: See Plan	ELEVATION: 0.00 (m)
SAMPLE TYPE <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> S.P.T. <input checked="" type="checkbox"/> AUGER <input type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE		



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	REVIEWED BY:	COMPLETE: 66/04/07
	Fig. No:	Page 1 of 1

SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-04
ENGINEERING-CAPITAL		KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE		LOCATION: See Plan	ELEVATION: 0.00 (m)

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



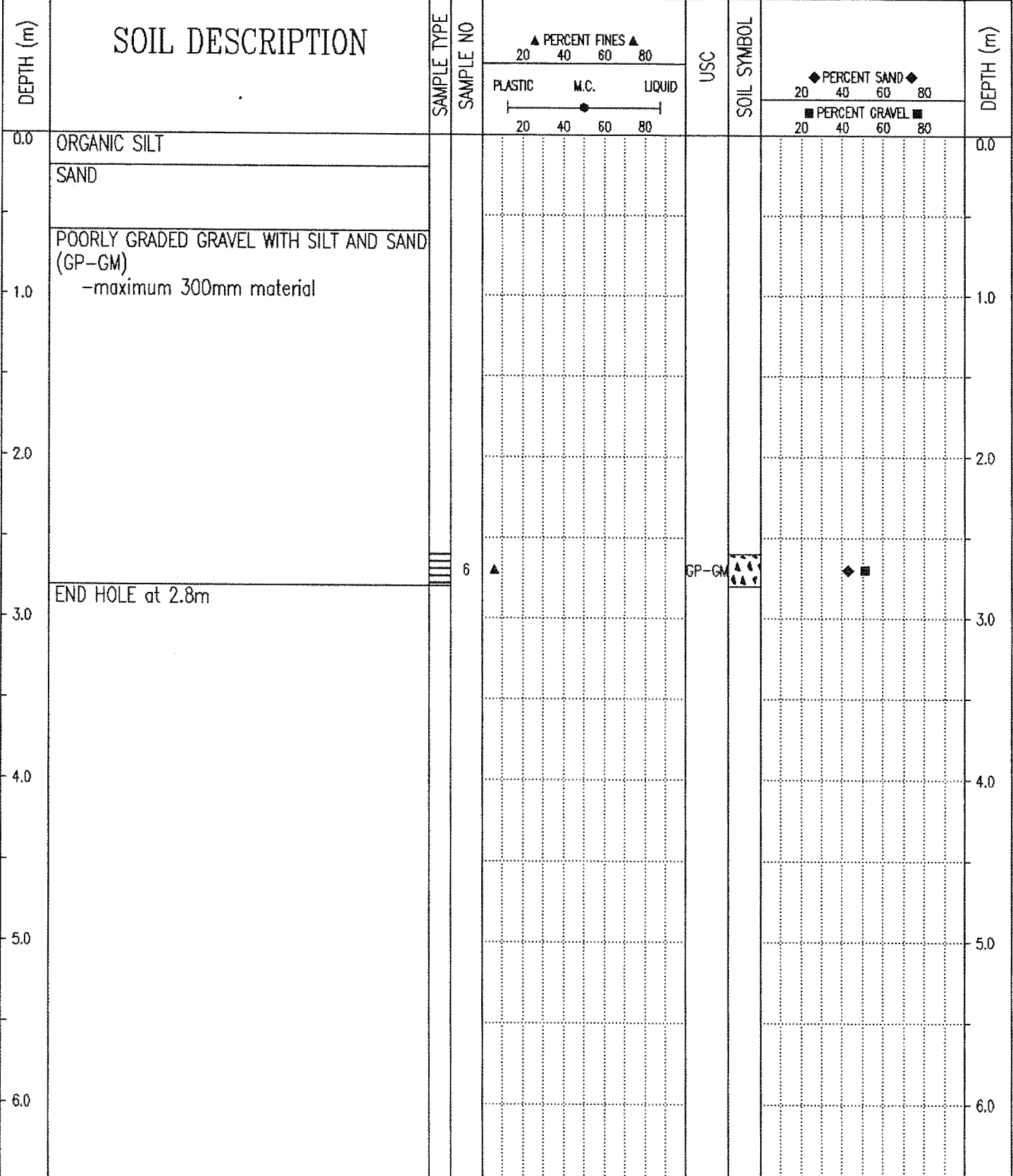
Government of Yukon  
Transportation Engineering

LOGGED BY: JM  
REVIEWED BY:  
Fig. No:

COMPLETION DEPTH: 2.4 m  
COMPLETE: 66/04/07

SUBSURFACE EXPLORATION AND TEST REPORT	FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-05
ENGINEERING-CAPITAL	KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE	LOCATION: See Plan	ELEVATION: 0.00 (m)

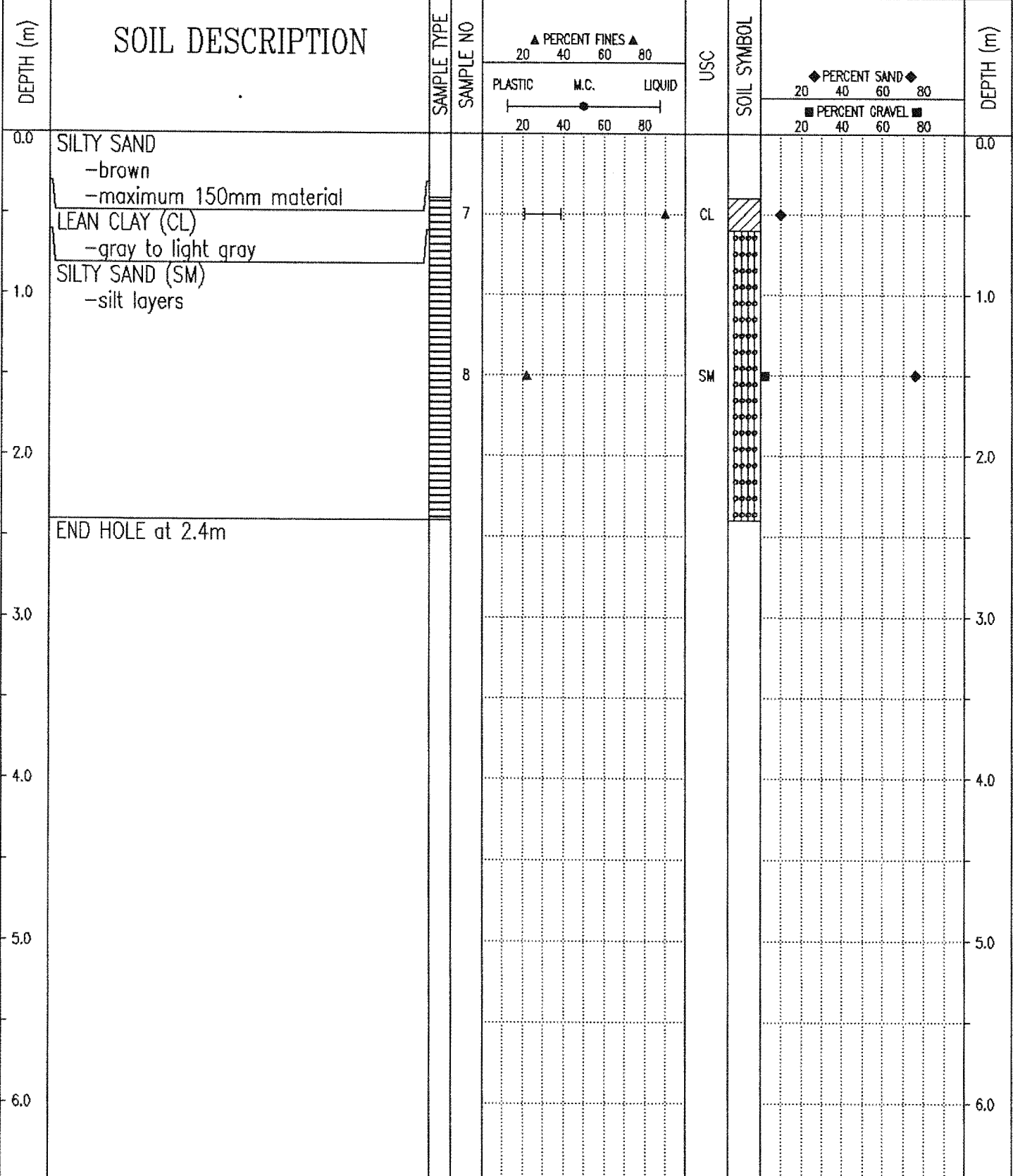
SAMPLE TYPE  RETURN  S.P.T.  AUGER  BULK  TUBE  CORE



Government of Yukon Transportation Engineering	LOGGED BY: JM	COMPLETION DEPTH: 2.8 m
	REVIEWED BY:	COMPLETE: 66/04/07
	Fig. No:	Page 1 of 1

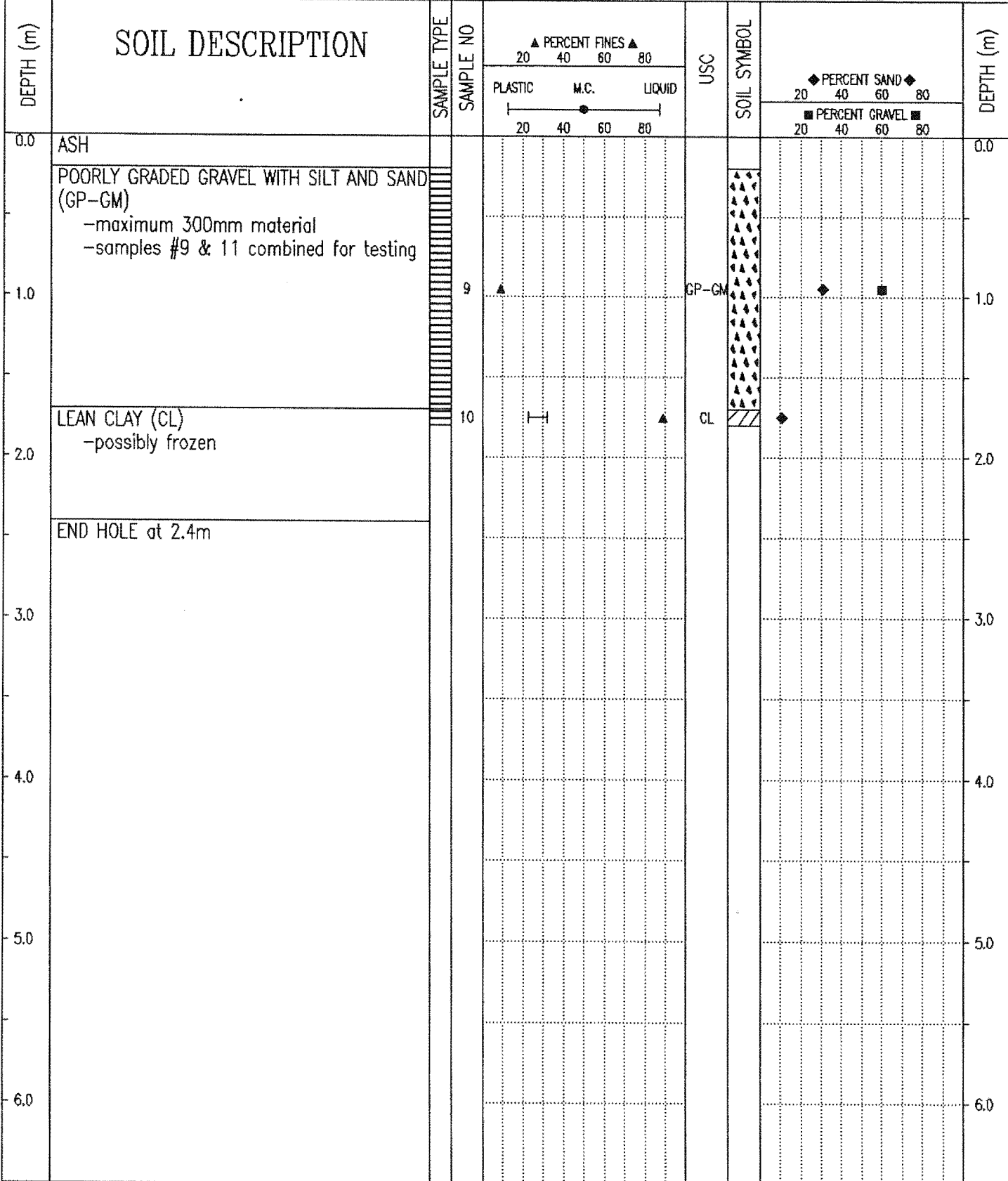
SUBSURFACE EXPLORATION AND TEST REPORT	FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-06
ENGINEERING-CAPITAL	KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE	LOCATION: See Plan	ELEVATION: 0.00 (m)

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



Government of Yukon Transportation Engineering	LOGGED BY: JM	COMPLETION DEPTH: 2.4 m
	REVIEWED BY:	COMPLETE: 66/04/07
	Fig. No:	Page 1 of 1

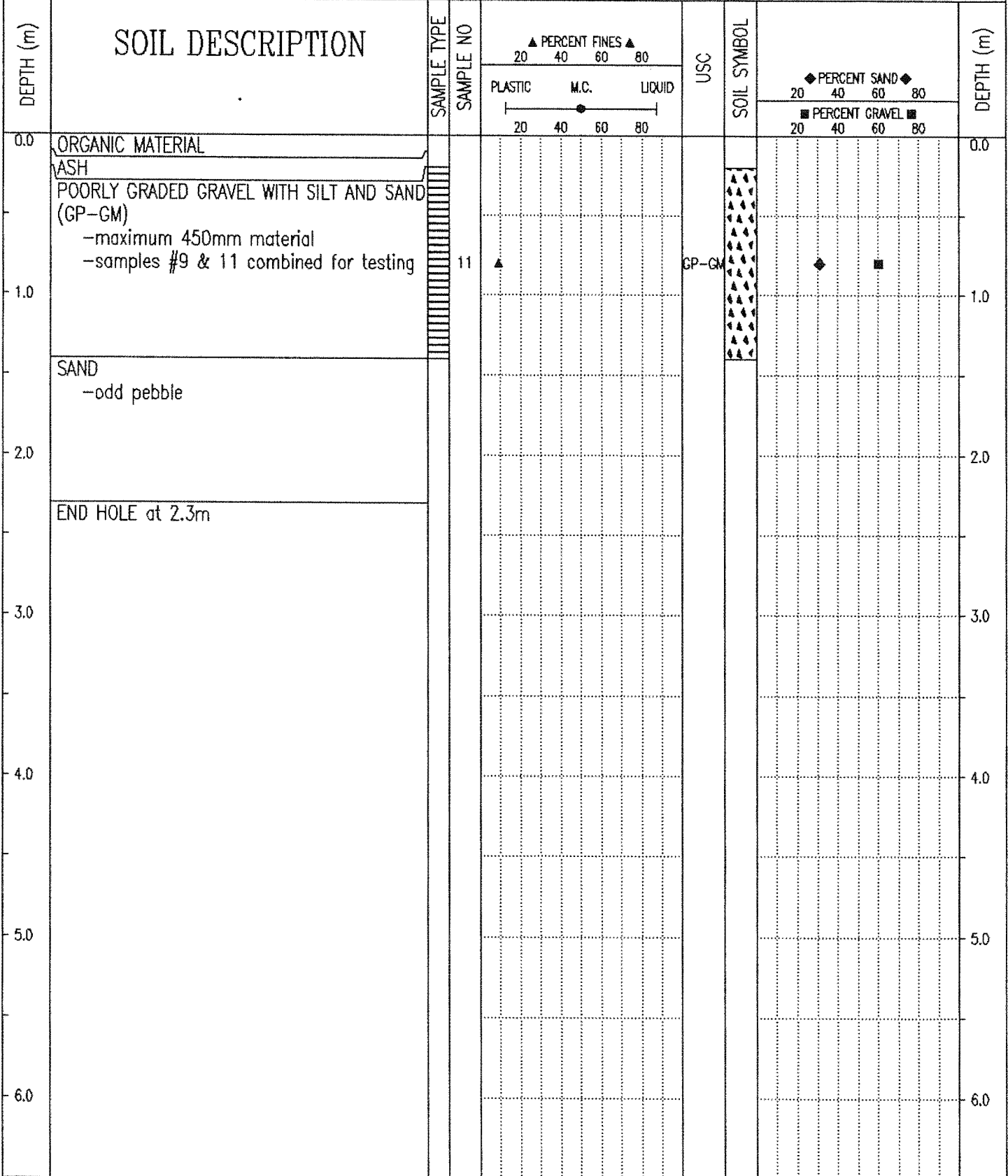
SUBSURFACE EXPLORATION AND TEST REPORT	FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-07
ENGINEERING-CAPITAL	KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE	LOCATION: See Plan	ELEVATION: 0.00 (m)
SAMPLE TYPE <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> S.P.T. <input checked="" type="checkbox"/> AUGER <input type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE		



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LOGGED BY: JM	COMPLETION DEPTH: 2.4 m
REVIEWED BY:	COMPLETE: 66/04/07
Fig. No:	Page 1 of 1

SUBSURFACE EXPLORATION AND TEST REPORT	FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-08
ENGINEERING-CAPITAL	KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE	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	



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LOGGED BY: JM

COMPLETION DEPTH: 2.3 m

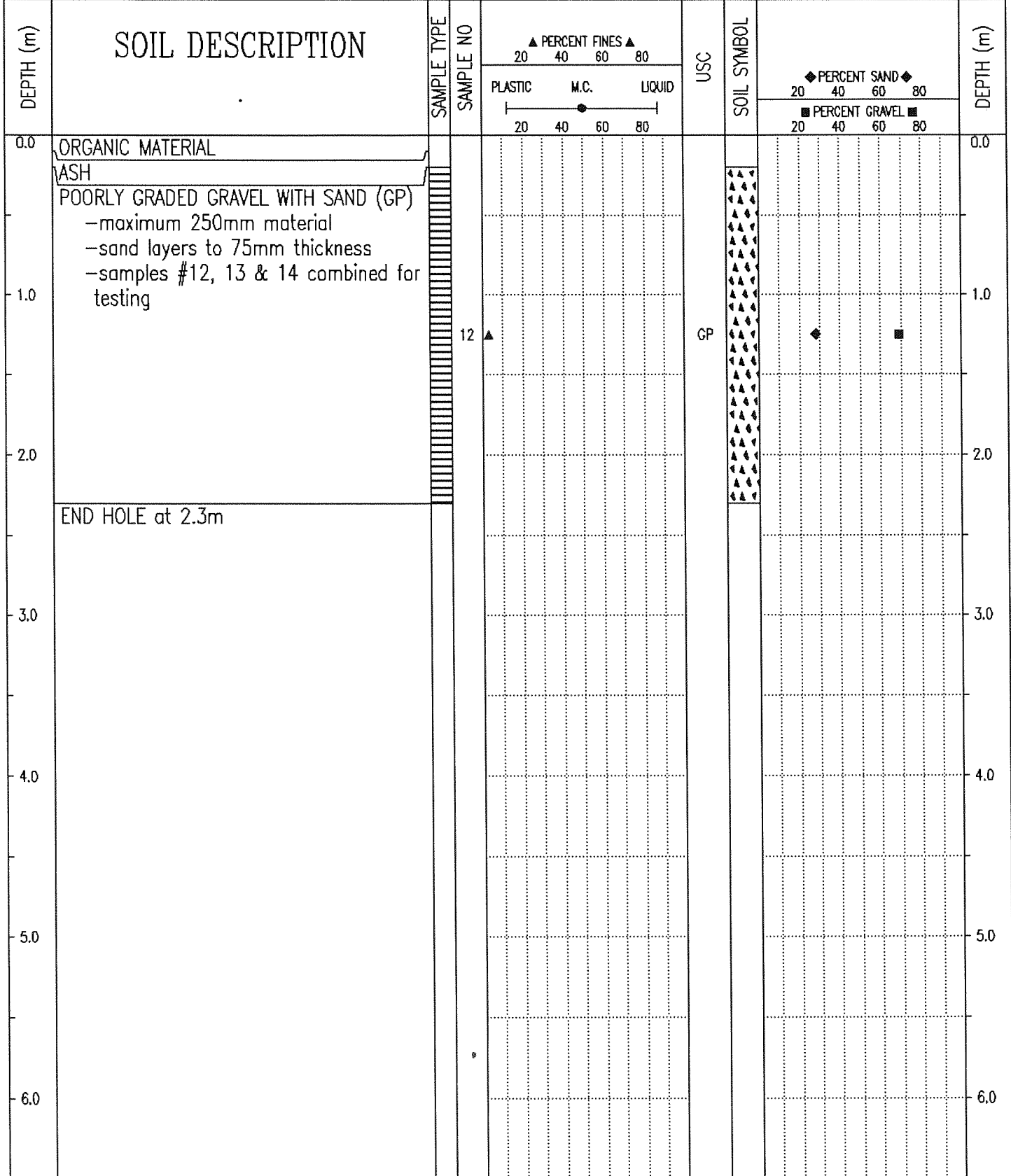
REVIEWED BY:

COMPLETE: 66/04/07

Fig. No:

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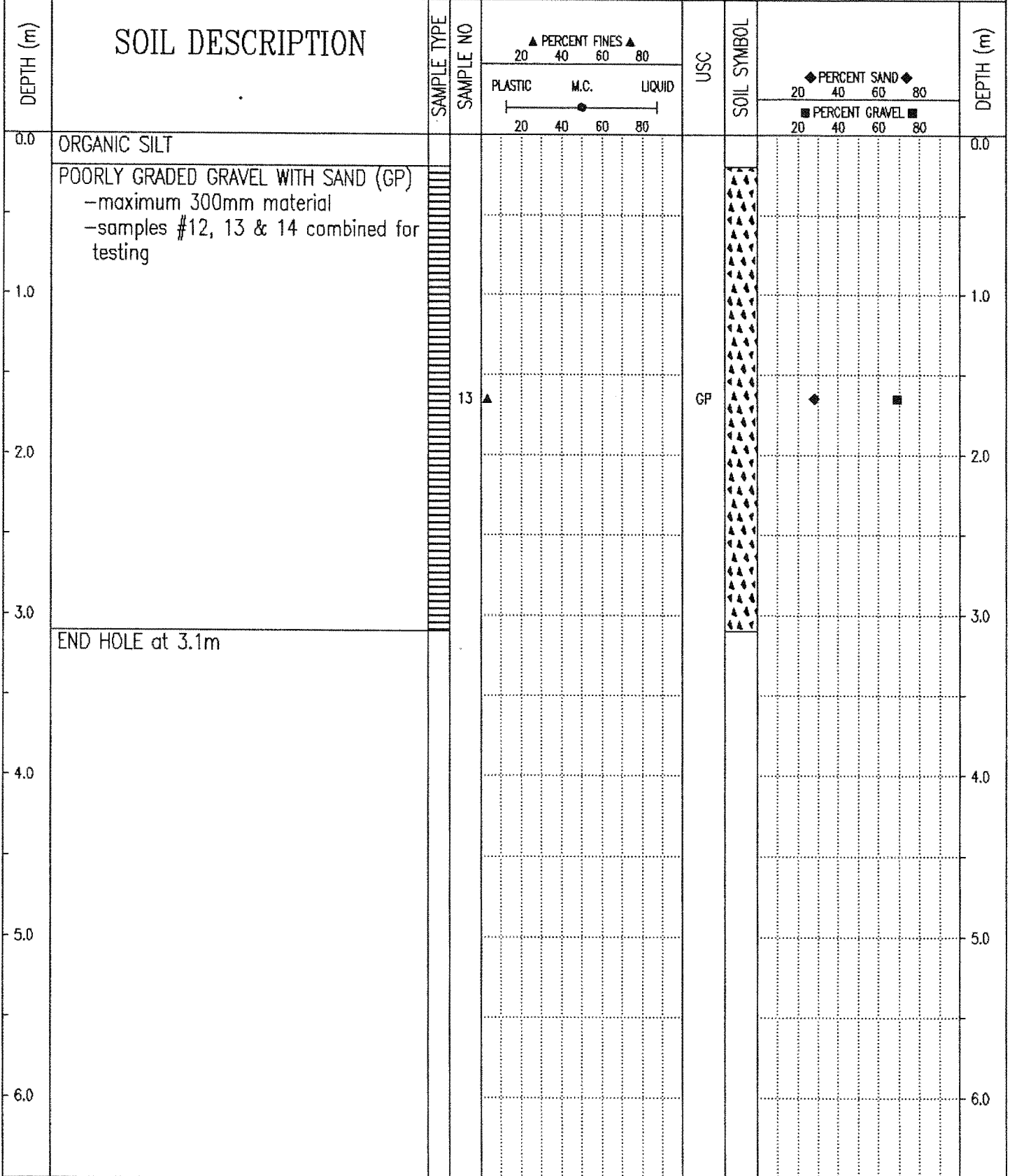
SUBSURFACE EXPLORATION AND TEST REPORT	FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-09
ENGINEERING-CAPITAL	KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE	LOCATION: See Plan	ELEVATION: 0.00 (m)
SAMPLE TYPE	<input checked="" type="checkbox"/> RETURN	<input checked="" type="checkbox"/> S.P.T.
	<input checked="" type="checkbox"/> AUGER	<input type="checkbox"/> BULK
	<input type="checkbox"/> TUBE	<input type="checkbox"/> CORE



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Transportation Engineering

LOGGED BY: JM	COMPLETION DEPTH: 2.3 m
REVIEWED BY:	COMPLETE: 66/04/07
Fig. No:	Page 1 of 1

SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-10
ENGINEERING-CAPITAL		KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE		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			

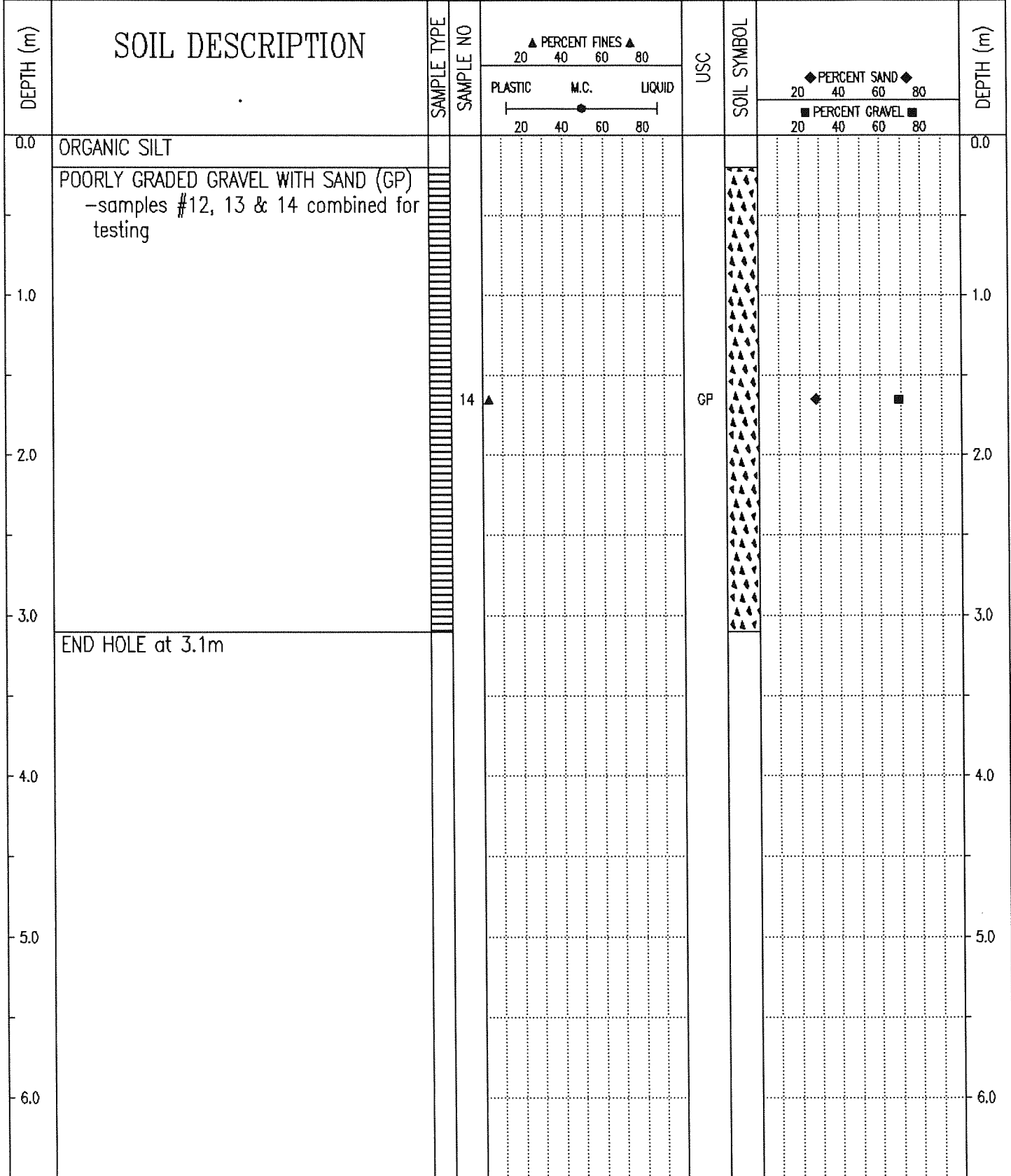


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Transportation Engineering

LOGGED BY: JM  
REVIEWED BY:  
Fig. No:

COMPLETION DEPTH: 3.1 m  
COMPLETE: 66/04/07

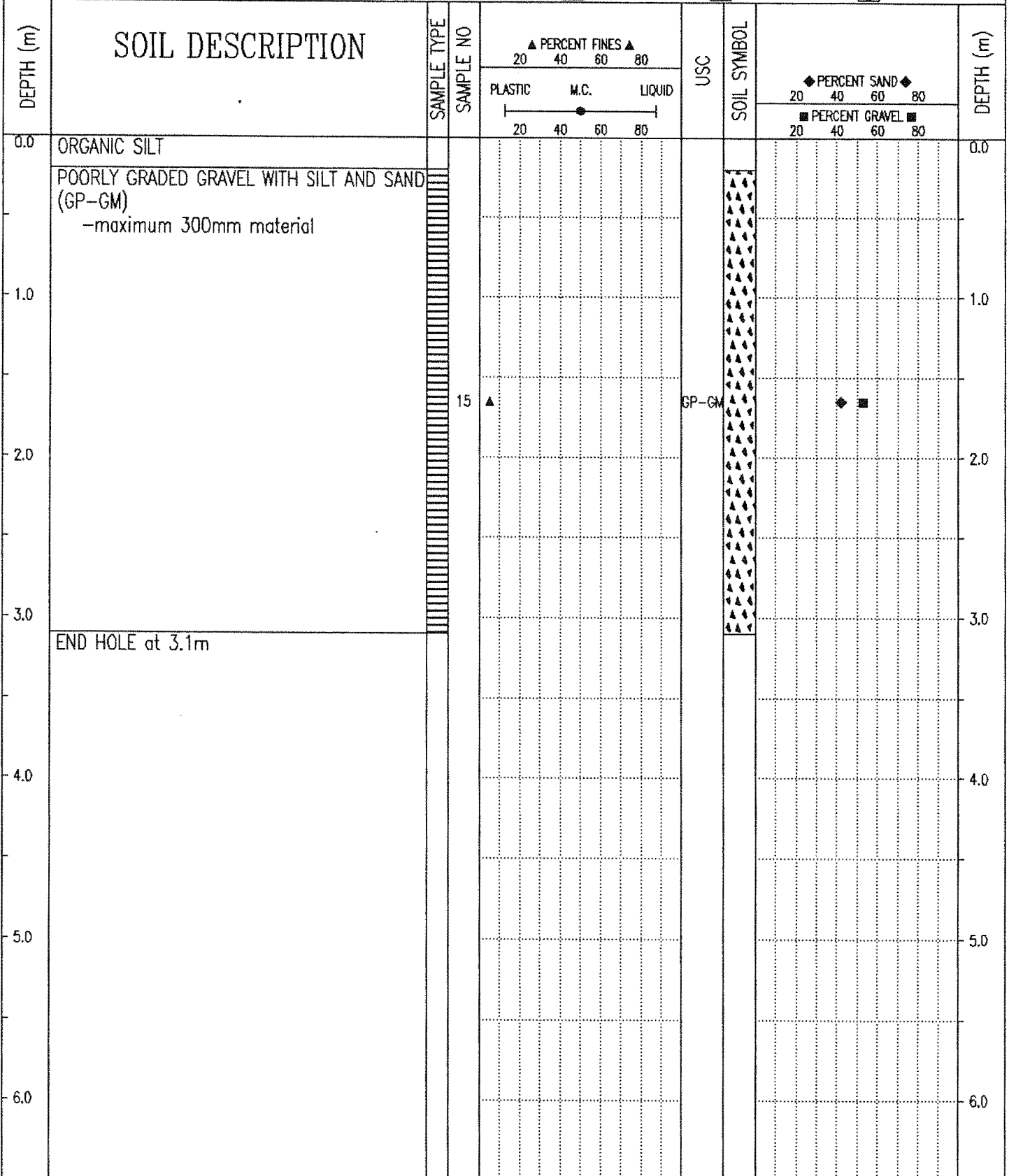
SUBSURFACE EXPLORATION AND TEST REPORT	FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-11
ENGINEERING-CAPITAL	KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE	LOCATION: See Plan	ELEVATION: 0.00 (m)
SAMPLE TYPE	<input checked="" type="checkbox"/> RETURN	<input checked="" type="checkbox"/> S.P.T.
	<input checked="" type="checkbox"/> AUGER	<input type="checkbox"/> BULK
	<input type="checkbox"/> TUBE	<input type="checkbox"/> CORE



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LOGGED BY: JM	COMPLETION DEPTH: 3.1 m
REVIEWED BY:	COMPLETE: 66/04/07
Fig. No:	Page 1 of 1

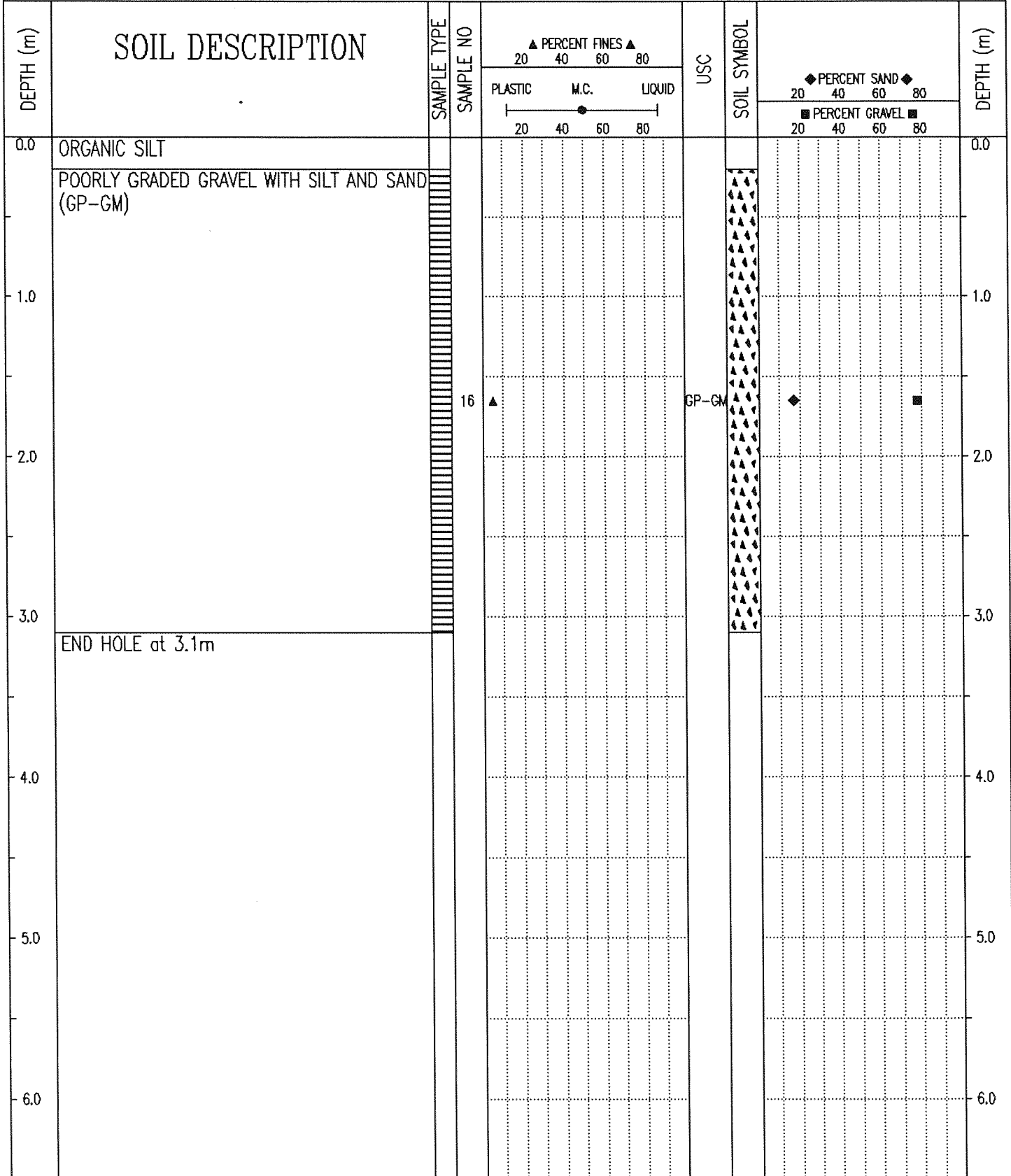
SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-12
ENGINEERING-CAPITAL		KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE		LOCATION: See Plan	ELEVATION: 0.00 (m)
SAMPLE TYPE	<input checked="" type="checkbox"/> RETURN	<input checked="" type="checkbox"/> S.P.T.	<input checked="" type="checkbox"/> AUGER
		<input type="checkbox"/> BULK	<input type="checkbox"/> TUBE
			<input type="checkbox"/> CORE



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Transportation Engineering

LOGGED BY: JM	COMPLETION DEPTH: 3.1 m
REVIEWED BY:	COMPLETE: 66/04/07
Fig. No:	Page 1 of 1

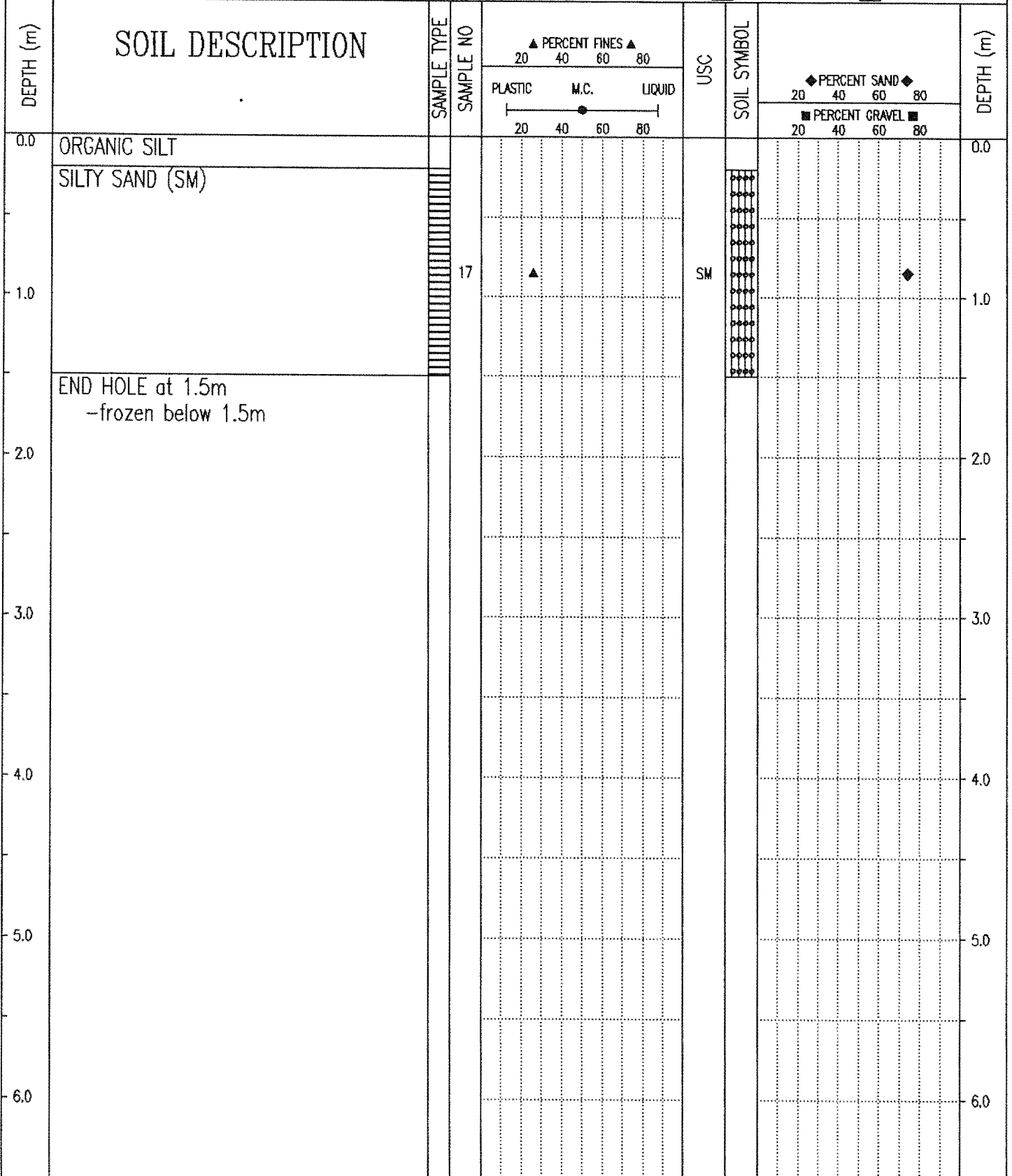
SUBSURFACE EXPLORATION AND TEST REPORT	FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-13
ENGINEERING-CAPITAL	KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE	LOCATION: See Plan	ELEVATION: 0.00 (m)
SAMPLE TYPE	<input checked="" type="checkbox"/> RETURN	<input checked="" type="checkbox"/> S.P.T.
	<input checked="" type="checkbox"/> AUGER	<input type="checkbox"/> BULK
	<input type="checkbox"/> TUBE	<input type="checkbox"/> CORE



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LOGGED BY: JM	COMPLETION DEPTH: 3.1 m
REVIEWED BY:	COMPLETE: 66/04/07
Fig. No:	Page 1 of 1

SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-14
ENGINEERING-CAPITAL		KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE		LOCATION: See Plan	ELEVATION: 0.00 (m)
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			<input type="checkbox"/> BULK
			<input type="checkbox"/> TUBE
			<input type="checkbox"/> CORE



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Transportation Engineering

LOGGED BY: JM  
REVIEWED BY:  
Fig. No:

COMPLETION DEPTH: 1.5 m  
COMPLETE: 66/04/07

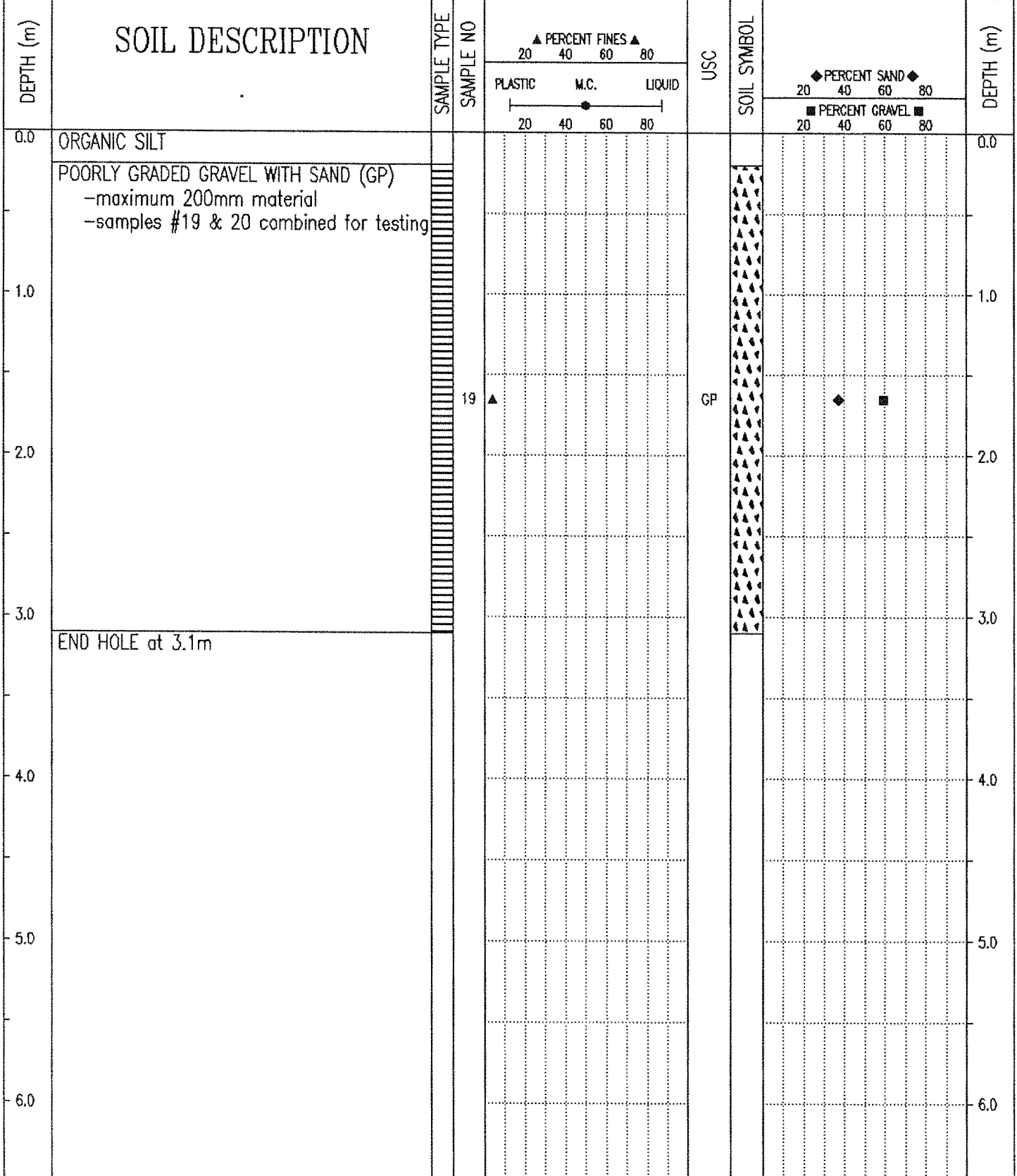
SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-15
ENGINEERING-CAPITAL		KM 0+000-5+100	Project No: 2D2199-0501-194
BACKHOE: D7 BACKHOE		LOCATION: See Plan	ELEVATION: 0.00 (m)
SAMPLE TYPE <input type="checkbox"/> RETURN		<input checked="" type="checkbox"/> S.P.T.	<input checked="" type="checkbox"/> AUGER
		<input type="checkbox"/> BULK	<input type="checkbox"/> TUBE
			<input type="checkbox"/> CORE

DEPTH (m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆			DEPTH (m)
				PLASTIC	M.C.	LIQUID			PERCENT GRAVEL ■			
0.0	ORGANIC SILT										0.0	
	SILTY CLAY (CL-ML)		18	H			▲ CL-ML	◆				
1.0	END HOLE at 0.6m -frozen below 0.6m										1.0	
2.0											2.0	
3.0											3.0	
4.0											4.0	
5.0											5.0	
6.0											6.0	

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	REVIEWED BY:	COMPLETE: 66/04/07
	Fig. No:	Page 1 of 1

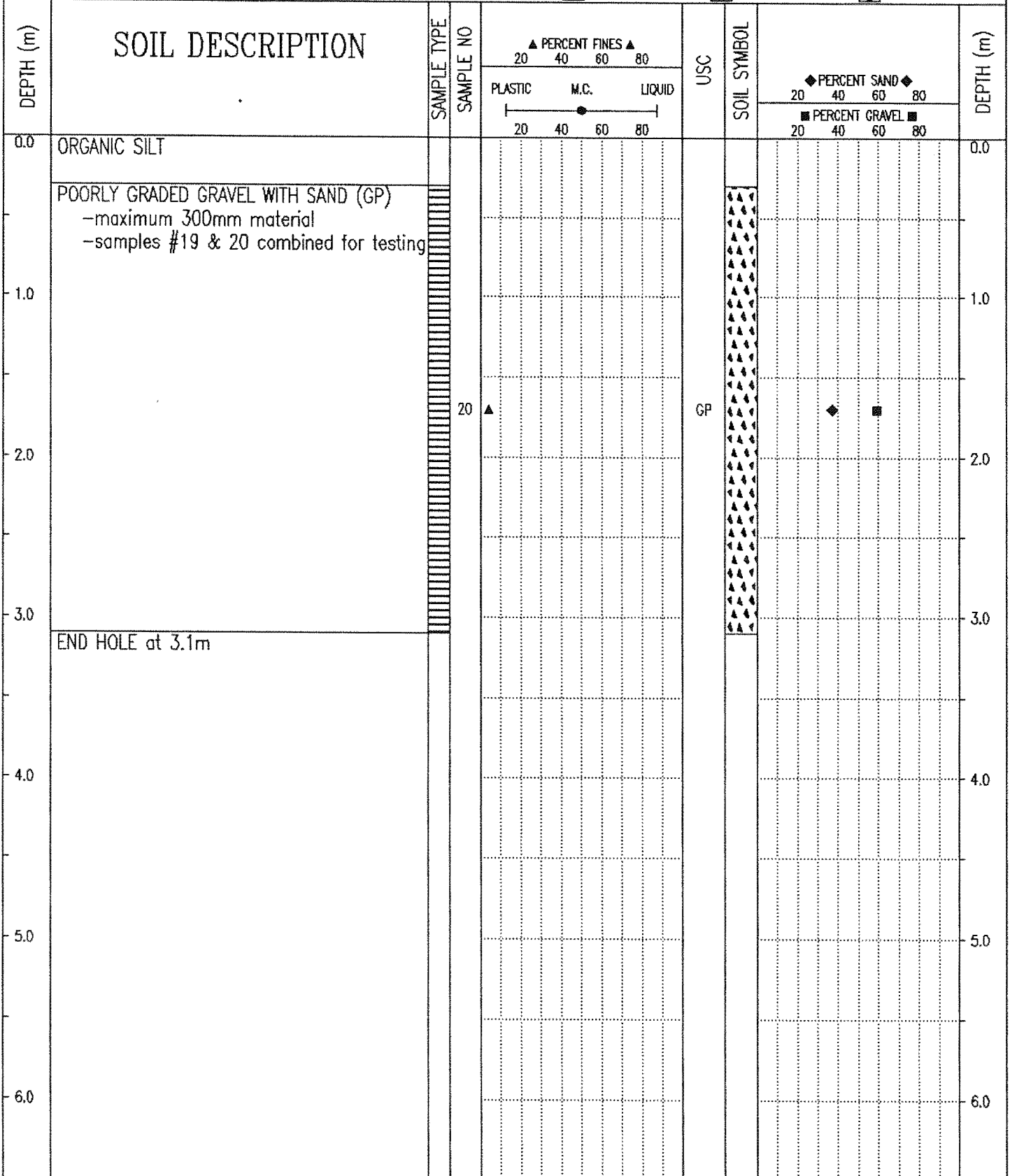
SUBSURFACE EXPLORATION AND TEST REPORT	FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-16
ENGINEERING-CAPITAL	KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE	LOCATION: See Plan	ELEVATION: 0.00 (m)

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



Government of Yukon Transportation Engineering	LOGGED BY: JM	COMPLETION DEPTH: 3.1 m
	REVIEWED BY:	COMPLETE: 66/04/07
	Fig. No:	Page 1 of 1

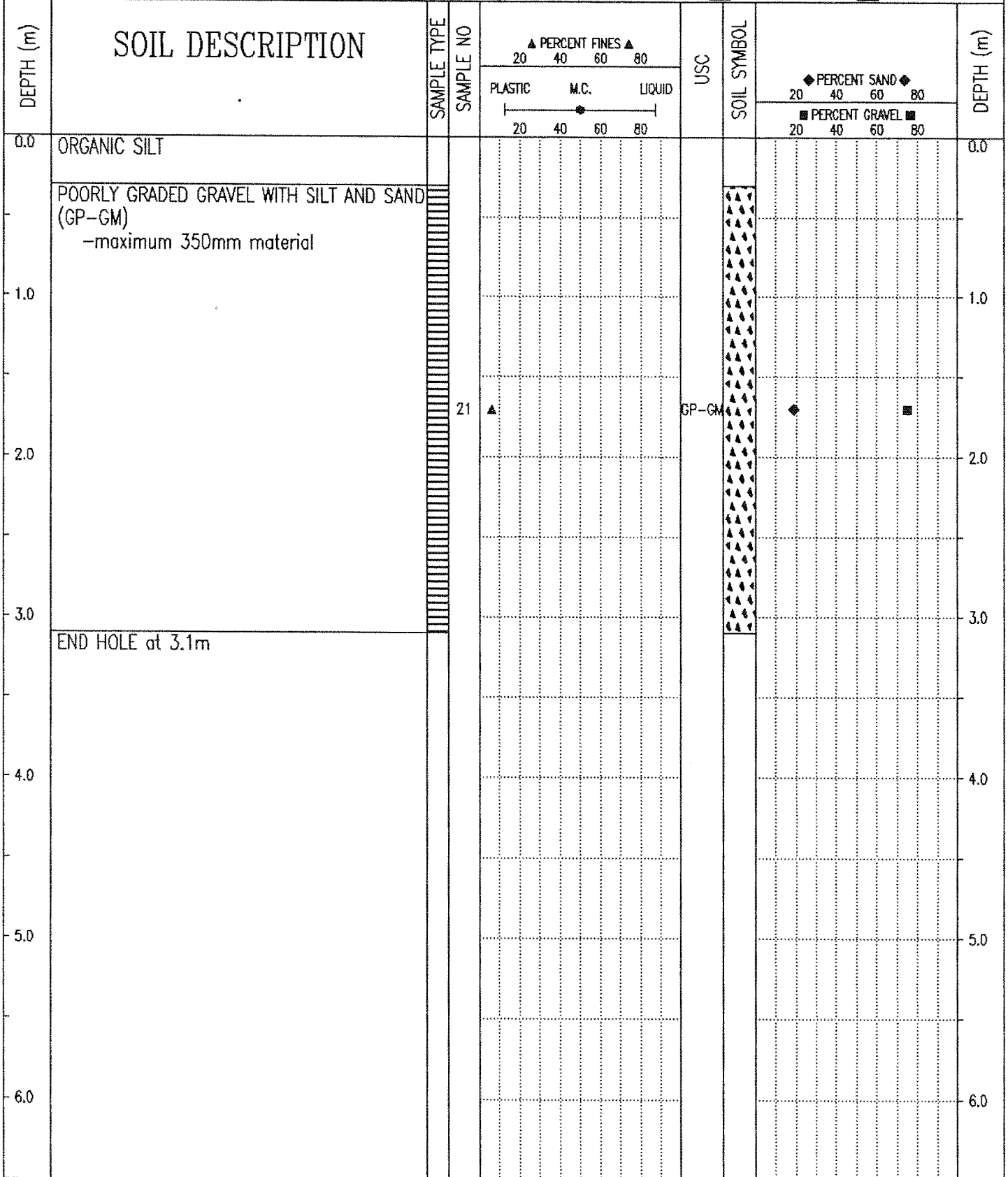
SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-17
ENGINEERING-CAPITAL		KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE		LOCATION: See Plan	ELEVATION: 0.00 (m)
SAMPLE TYPE	<input type="checkbox"/> RETURN	<input checked="" type="checkbox"/> S.P.T.	<input checked="" type="checkbox"/> AUGER
			<input type="checkbox"/> BULK
			<input type="checkbox"/> TUBE
			<input type="checkbox"/> CORE



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Transportation Engineering

LOGGED BY: JM	COMPLETION DEPTH: 3.1 m
REVIEWED BY:	COMPLETE: 66/04/08
Fig. No:	Page 1 of 1

SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-18
ENGINEERING-CAPITAL		KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE		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
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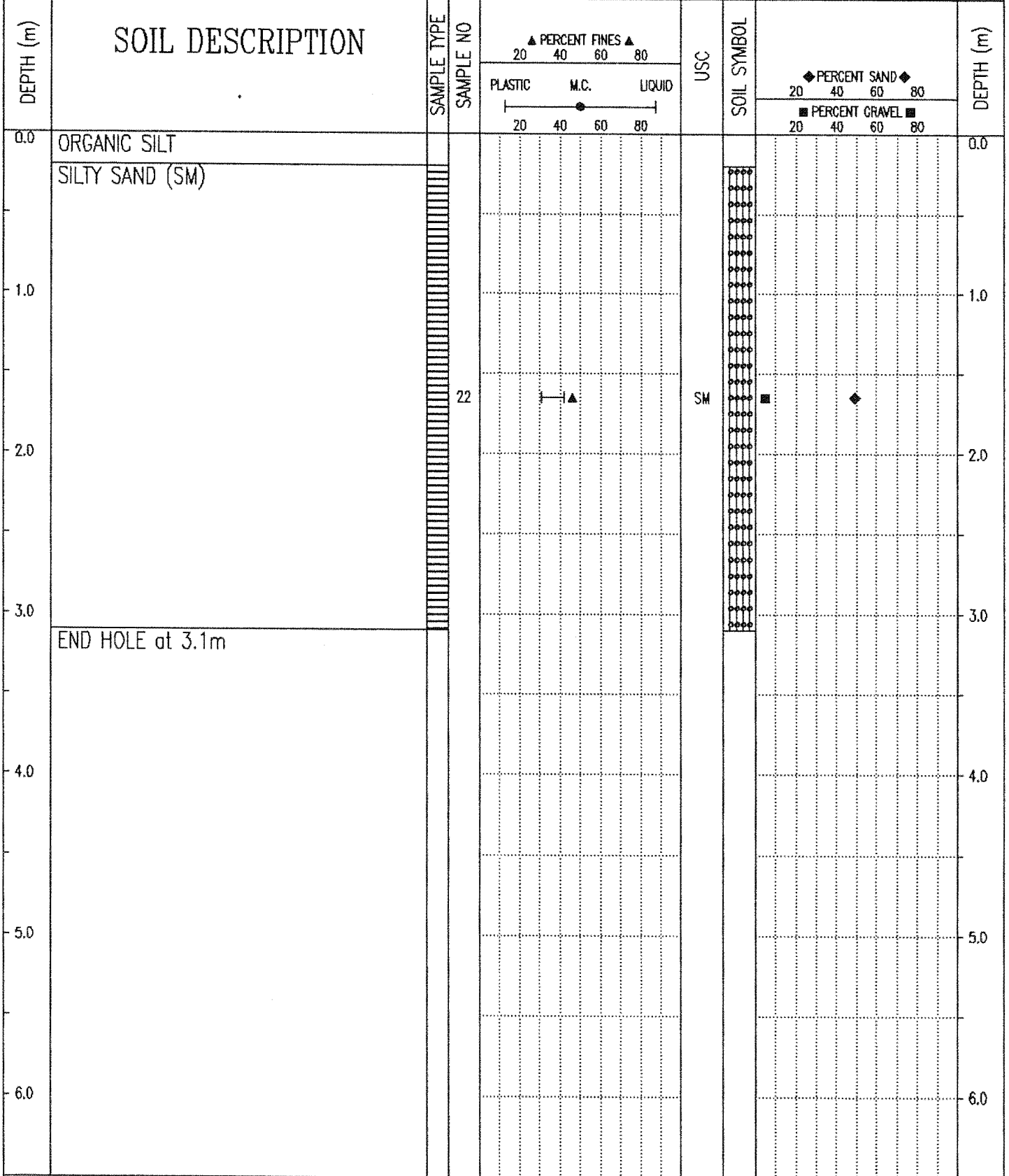


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LOGGED BY: JM  
REVIEWED BY:  
Fig. No:

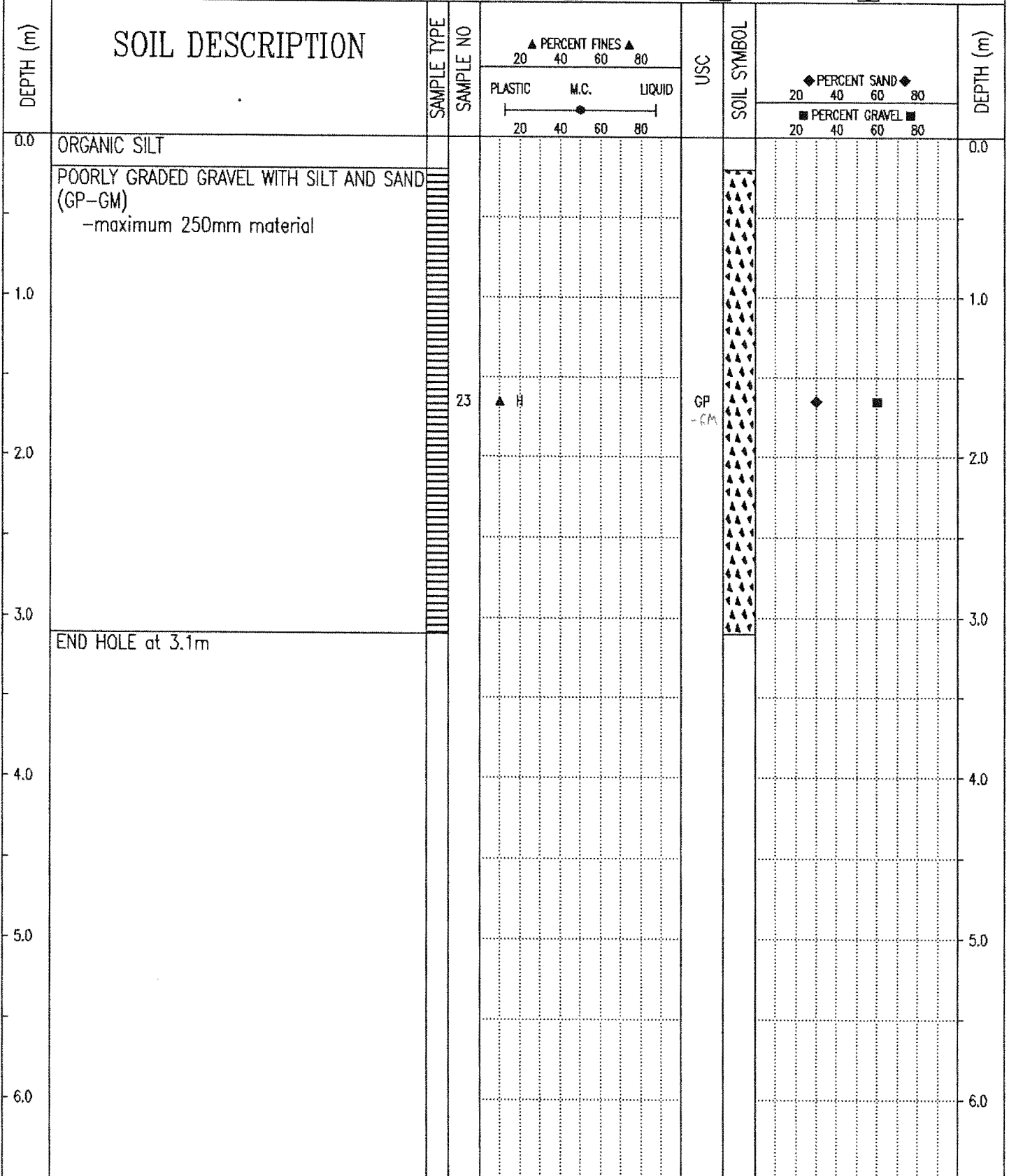
COMPLETION DEPTH: 3.1 m  
COMPLETE: 66/04/08

SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-19
ENGINEERING-CAPITAL		KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE		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 Transportation Engineering	LOGGED BY: JM	COMPLETION DEPTH: 3.1 m
	REVIEWED BY:	COMPLETE: 66/04/08
	Fig. No:	Page 1 of 1

SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-20
ENGINEERING-CAPITAL		KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE		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
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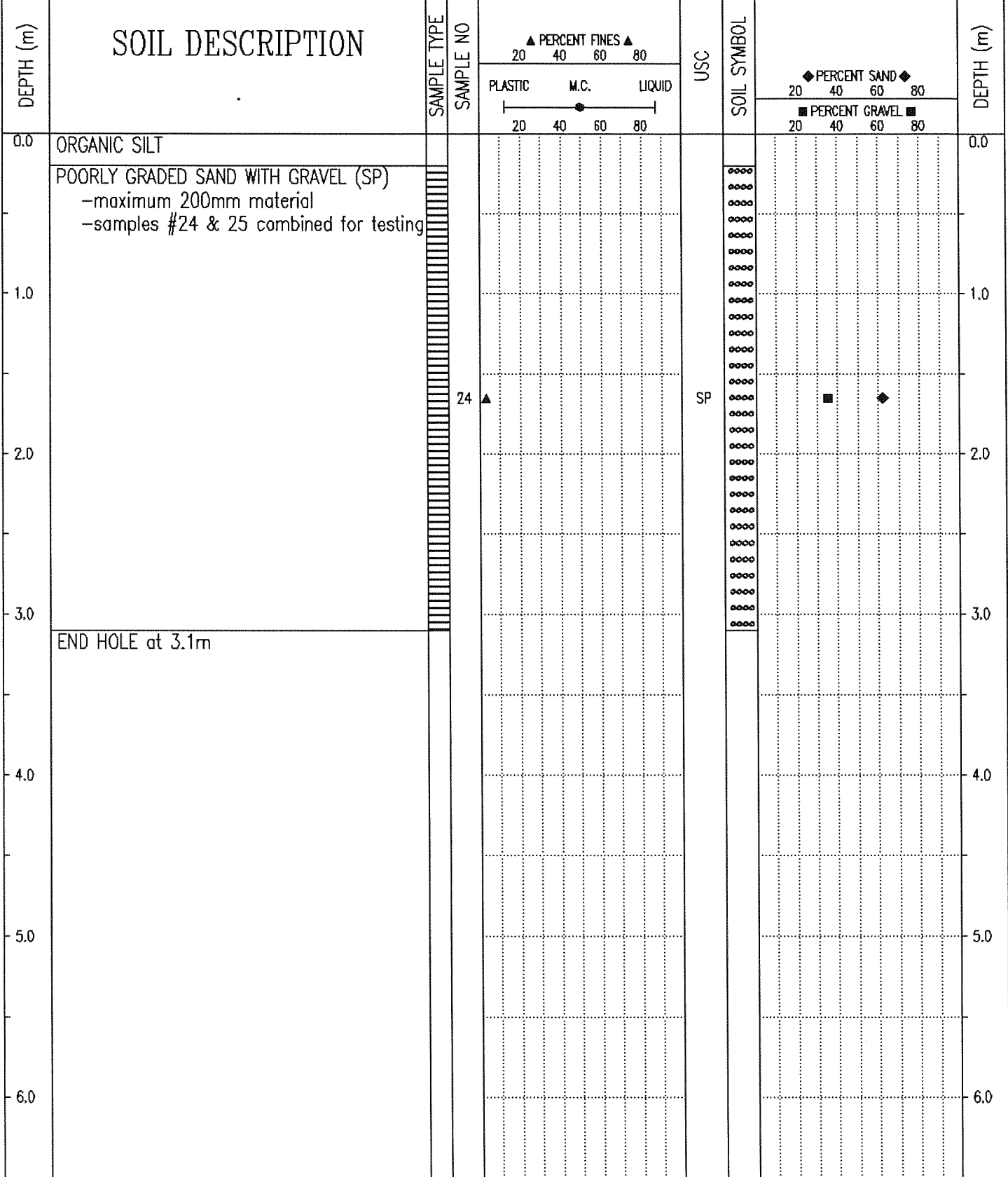


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Transportation Engineering

LOGGED BY: JM	COMPLETION DEPTH: 3.1 m
REVIEWED BY:	COMPLETE: 66/04/08
Fig. No:	Page 1 of 1

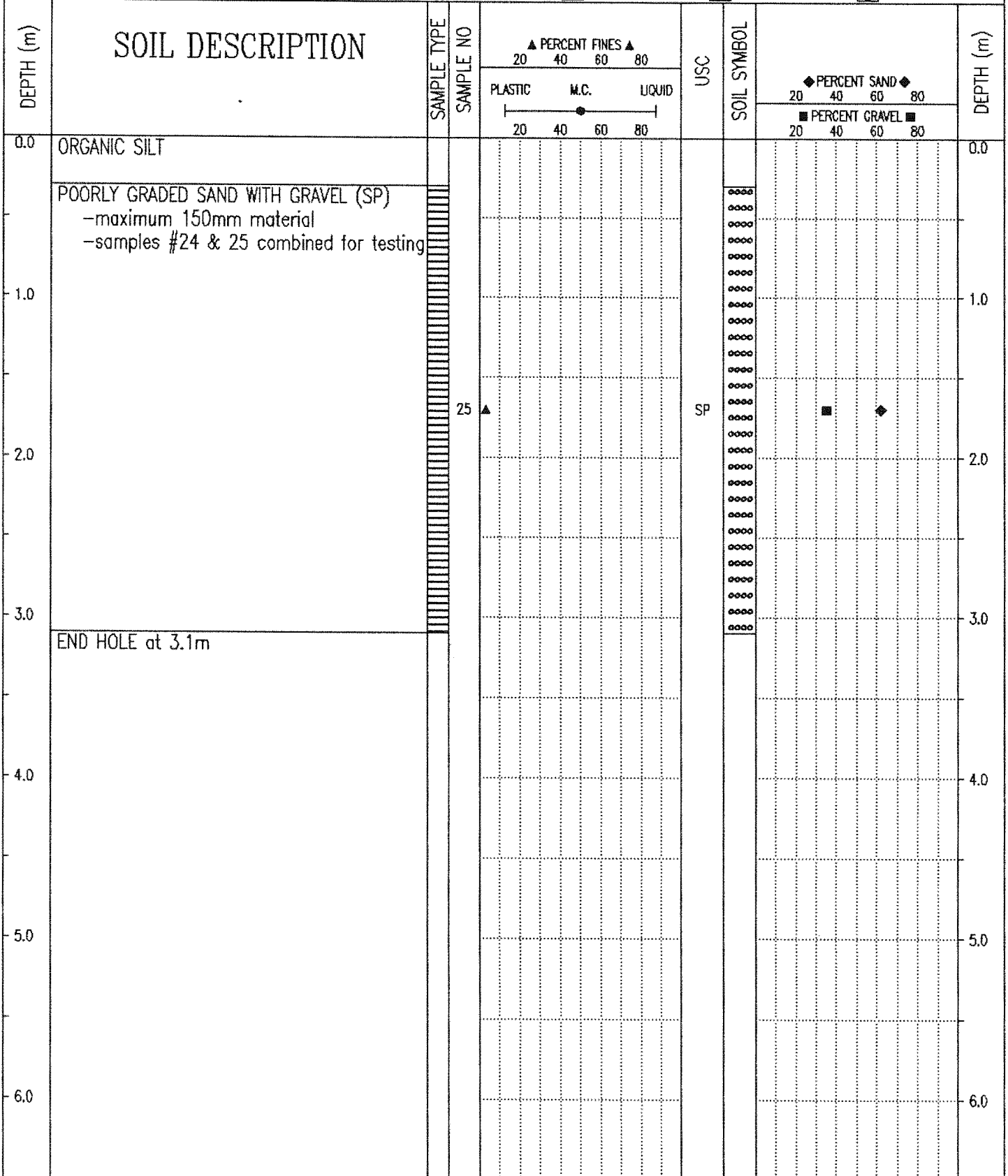
SUBSURFACE EXPLORATION AND TEST REPORT	FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-21
ENGINEERING-CAPITAL	KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE	LOCATION: See Plan	ELEVATION: 0.00 (m)

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



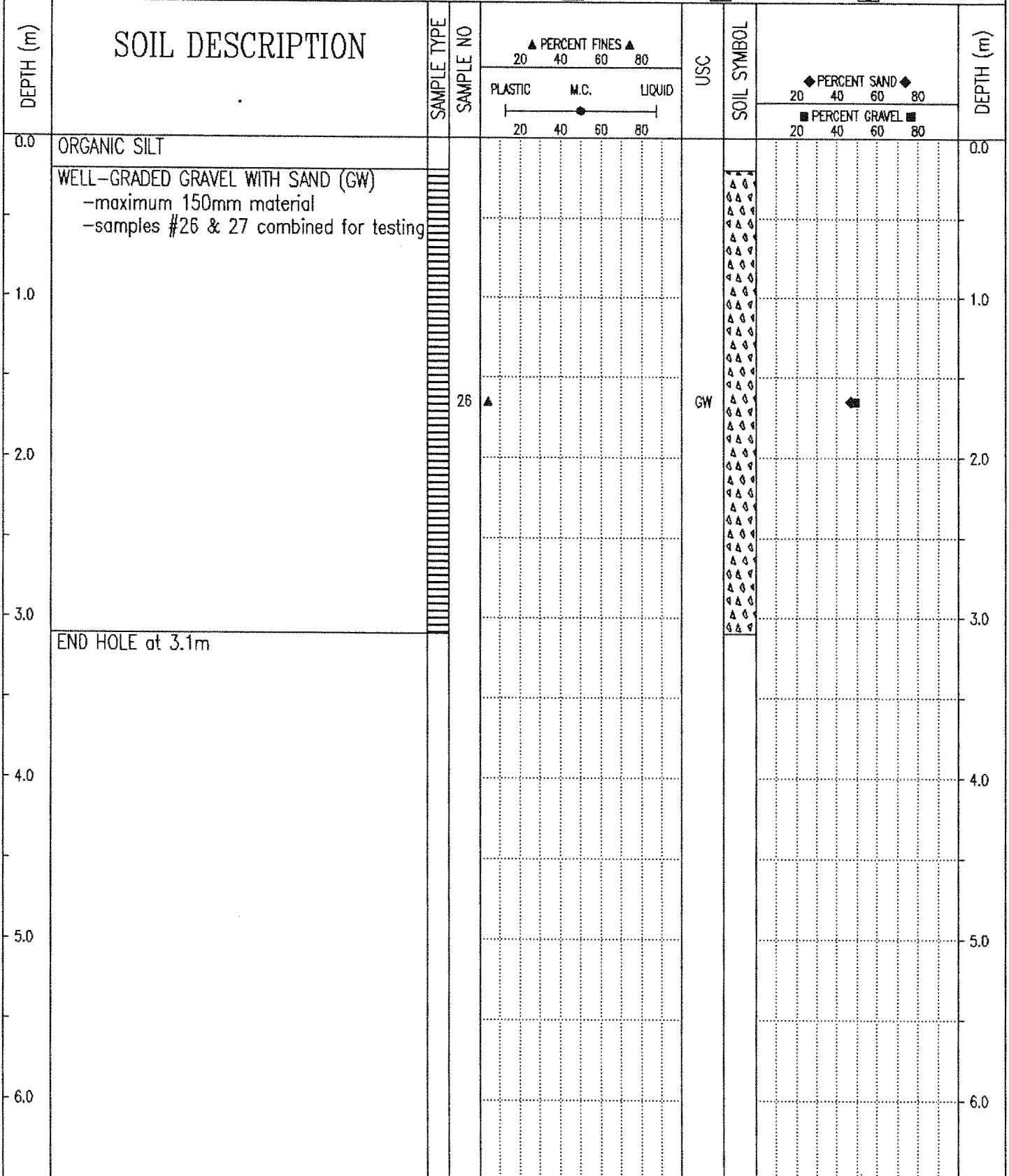
Government of Yukon Transportation Engineering	LOGGED BY: JM	COMPLETION DEPTH: 3.1 m
	REVIEWED BY:	COMPLETE: 66/04/08
	Fig. No:	Page 1 of 1

SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-22
ENGINEERING-CAPITAL		KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE		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 Transportation Engineering	LOGGED BY: JM	COMPLETION DEPTH: 3.1 m
	REVIEWED BY:	COMPLETE: 66/04/08
	Fig. No:	Page 1 of 1

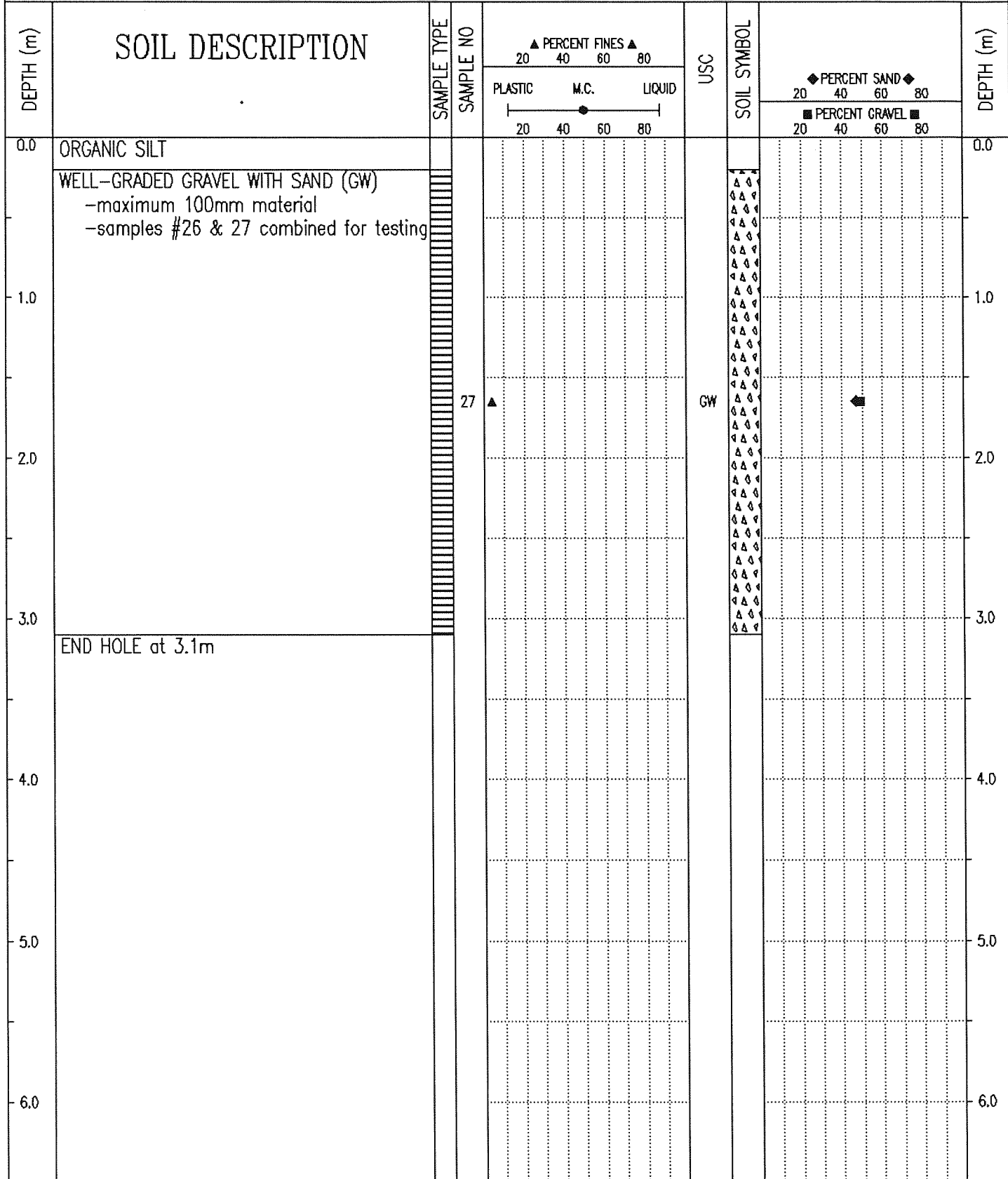
SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-23
ENGINEERING-CAPITAL		KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE		LOCATION: See Plan	ELEVATION: 0.00 (m)
SAMPLE TYPE <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> S.P.T. <input checked="" type="checkbox"/> AUGER <input type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE			



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Transportation Engineering

LOGGED BY: JM	COMPLETION DEPTH: 3.1 m
REVIEWED BY:	COMPLETE: 66/04/08
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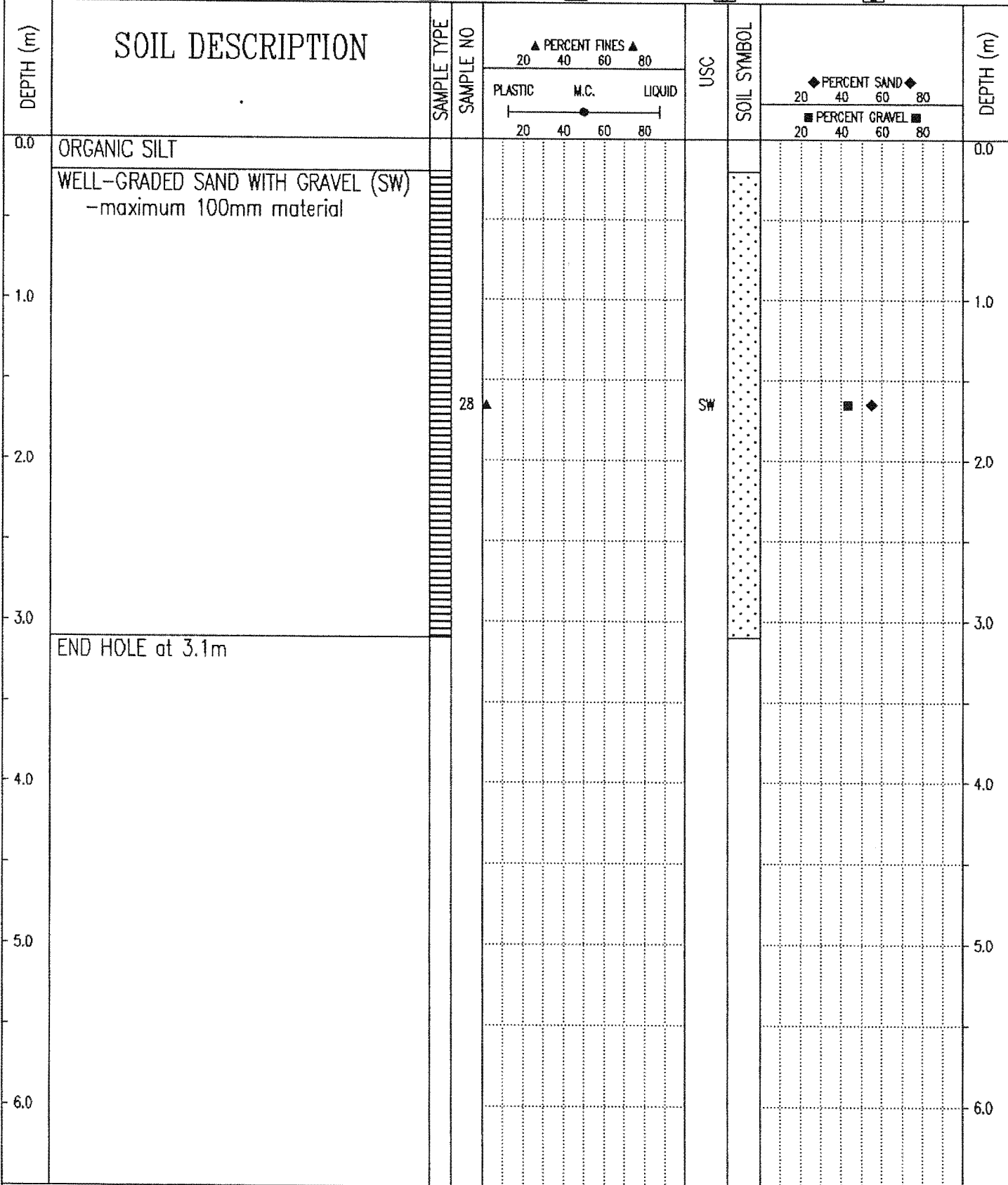
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ENGINEERING-CAPITAL	KM 0+000-5+100	Project No: 202199-Q501-194
BACKHOE: D7 BACKHOE	LOCATION: See Plan	ELEVATION: 0.00 (m)
SAMPLE TYPE	<input checked="" type="checkbox"/> RETURN	<input checked="" type="checkbox"/> S.P.T.
	<input checked="" type="checkbox"/> AUGER	<input type="checkbox"/> BULK
	<input type="checkbox"/> TUBE	<input type="checkbox"/> CORE



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 Transportation Engineering

LOGGED BY: JM	COMPLETION DEPTH: 3.1 m
REVIEWED BY:	COMPLETE: 66/04/08
Fig. No:	Page 1 of 1

SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-25
ENGINEERING-CAPITAL		KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE		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



Government of Yukon Transportation Engineering	LOGGED BY: JM	COMPLETION DEPTH: 3.1 m
	REVIEWED BY:	COMPLETE: 66/04/08
	Fig. No:	Page 1 of 1

SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-26
ENGINEERING-CAPITAL		KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE		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			

DEPTH (m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆		PERCENT GRAVEL ■	DEPTH (m)
				PLASTIC	M.C.	LIQUID			20	40		
0.0	ORGANIC SILT											0.0
	POORLY GRADED SAND (SP)											
1.0												1.0
2.0			29	▲				SP			◆	2.0
3.0	END HOLE at 3.1m											3.0
4.0												4.0
5.0												5.0
6.0												6.0

Government of Yukon Transportation Engineering	LOGGED BY: JM	COMPLETION DEPTH: 3.1 m
	REVIEWED BY:	COMPLETE: 66/04/08
	Fig. No:	Page 1 of 1

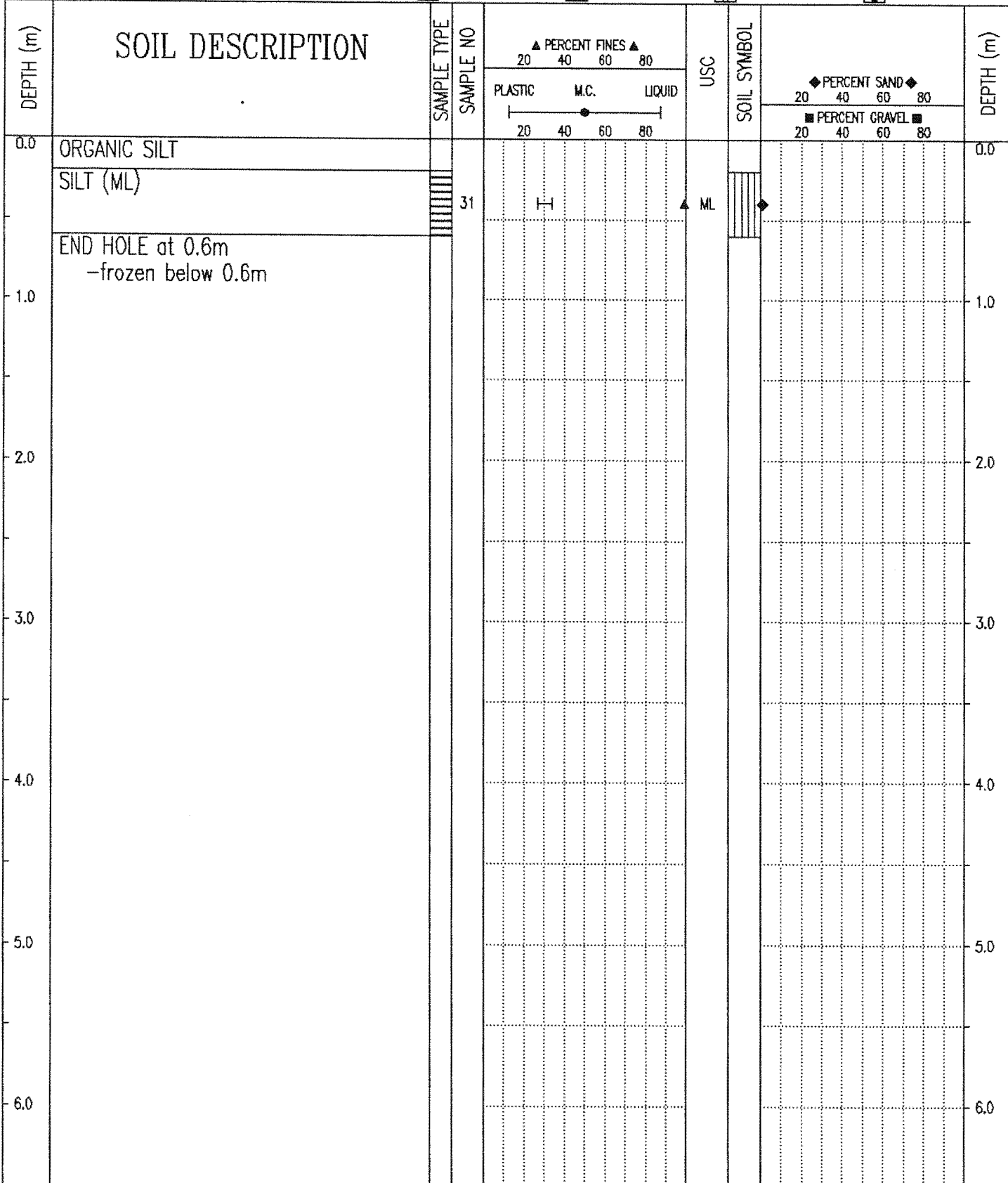
SUBSURFACE EXPLORATION AND TEST REPORT	FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-27
ENGINEERING-CAPITAL	KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE	LOCATION: See Plan	ELEVATION: 0.00 (m)

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

DEPTH (m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	PERCENT FINES ▲			USC	SOIL SYMBOL	PERCENT SAND ◆			DEPTH (m)
				PLASTIC	M.C.	LIQUID			PERCENT GRAVEL ■			
0.0	ORGANIC SILT										0.0	
	POORLY GRADED SAND WITH SILT (SP)											
1.0			30	▲			SP-SM	◆			1.0	
2.0	END HOLE at 1.5m -frozen below 1.5m										2.0	
3.0											3.0	
4.0											4.0	
5.0											5.0	
6.0											6.0	

Government of Yukon Transportation Engineering	LOGGED BY: JM	COMPLETION DEPTH: 1.5 m
	REVIEWED BY:	COMPLETE: 66/04/08
	Fig. No:	Page 1 of 1

SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-28
ENGINEERING-CAPITAL		KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE		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  
Transportation Engineering

LOGGED BY: JM

REVIEWED BY:

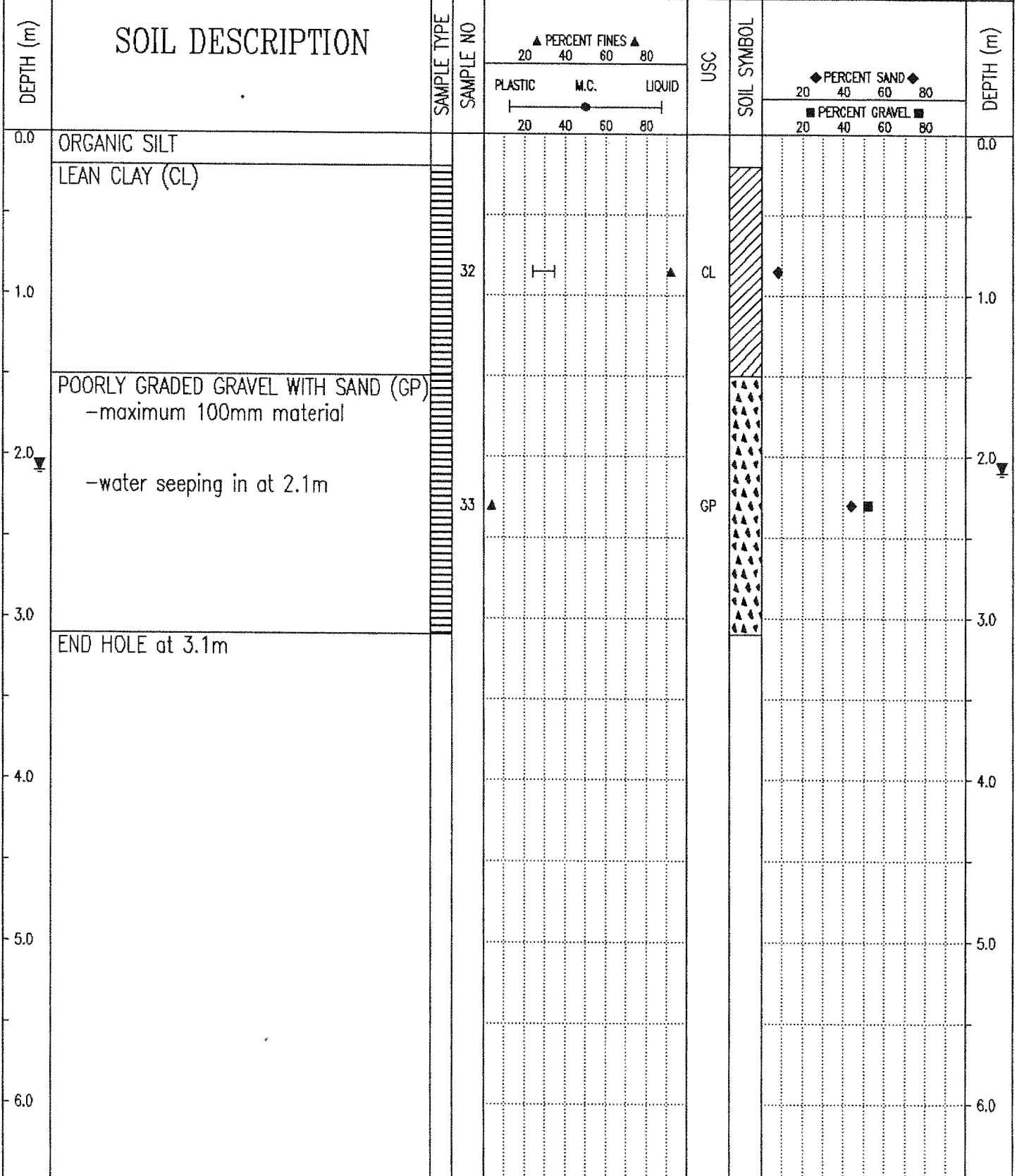
Fig. No:

COMPLETION DEPTH: 0.6 m

COMPLETE: 66/04/08

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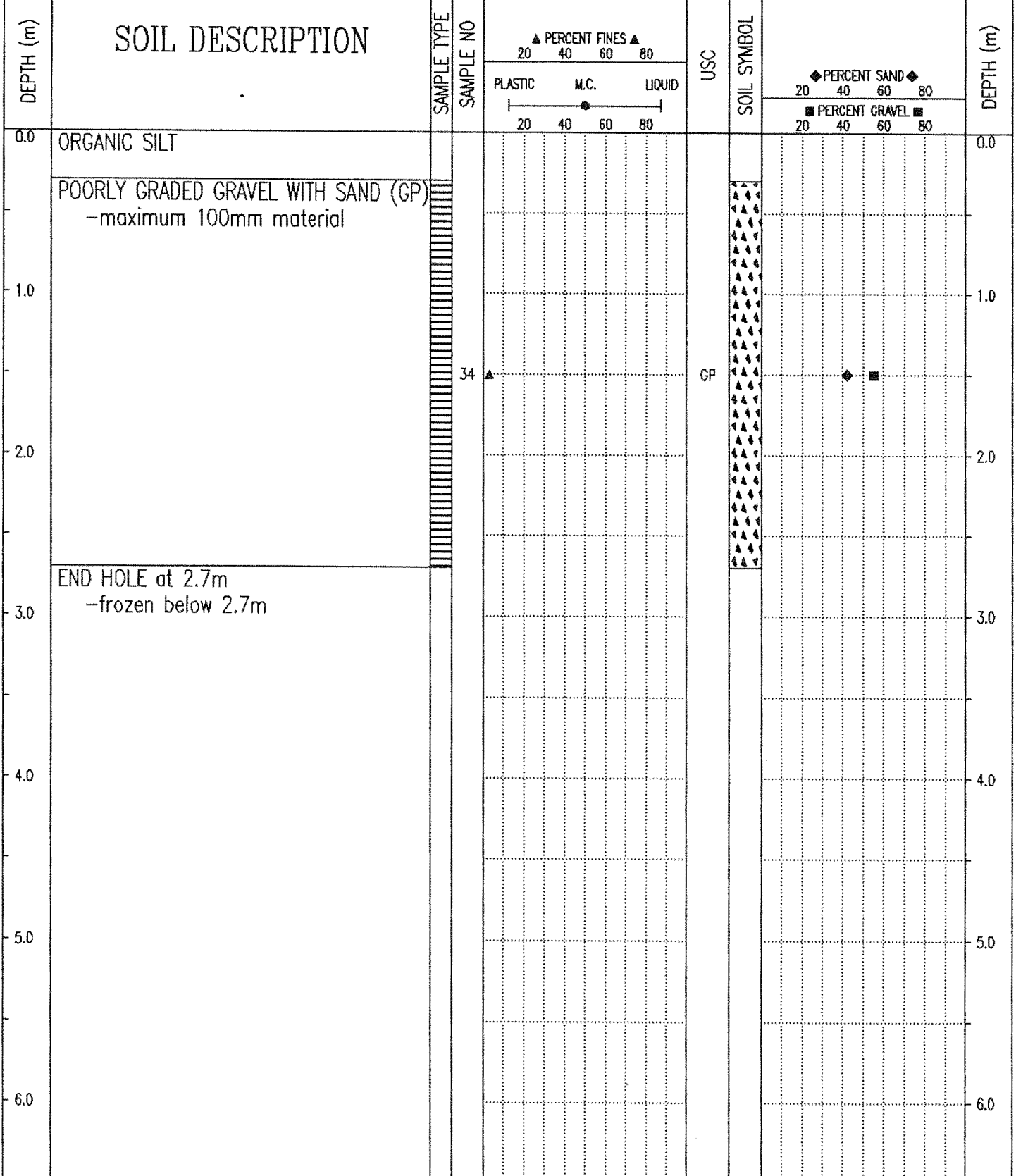
SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-29
ENGINEERING-CAPITAL		KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE		LOCATION: See Plan	ELEVATION: 0.00 (m)
SAMPLE TYPE <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> S.P.T. <input checked="" type="checkbox"/> AUGER <input type="checkbox"/> BULK <input type="checkbox"/> TUBE <input type="checkbox"/> CORE			



Government of Yukon Transportation Engineering	LOGGED BY: JM	COMPLETION DEPTH: 3.1 m
	REVIEWED BY:	COMPLETE: 66/04/08
	Fig. No:	Page 1 of 1

SUBSURFACE EXPLORATION AND TEST REPORT		FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-30
ENGINEERING-CAPITAL		KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE		LOCATION: See Plan	ELEVATION: 0.00 (m)

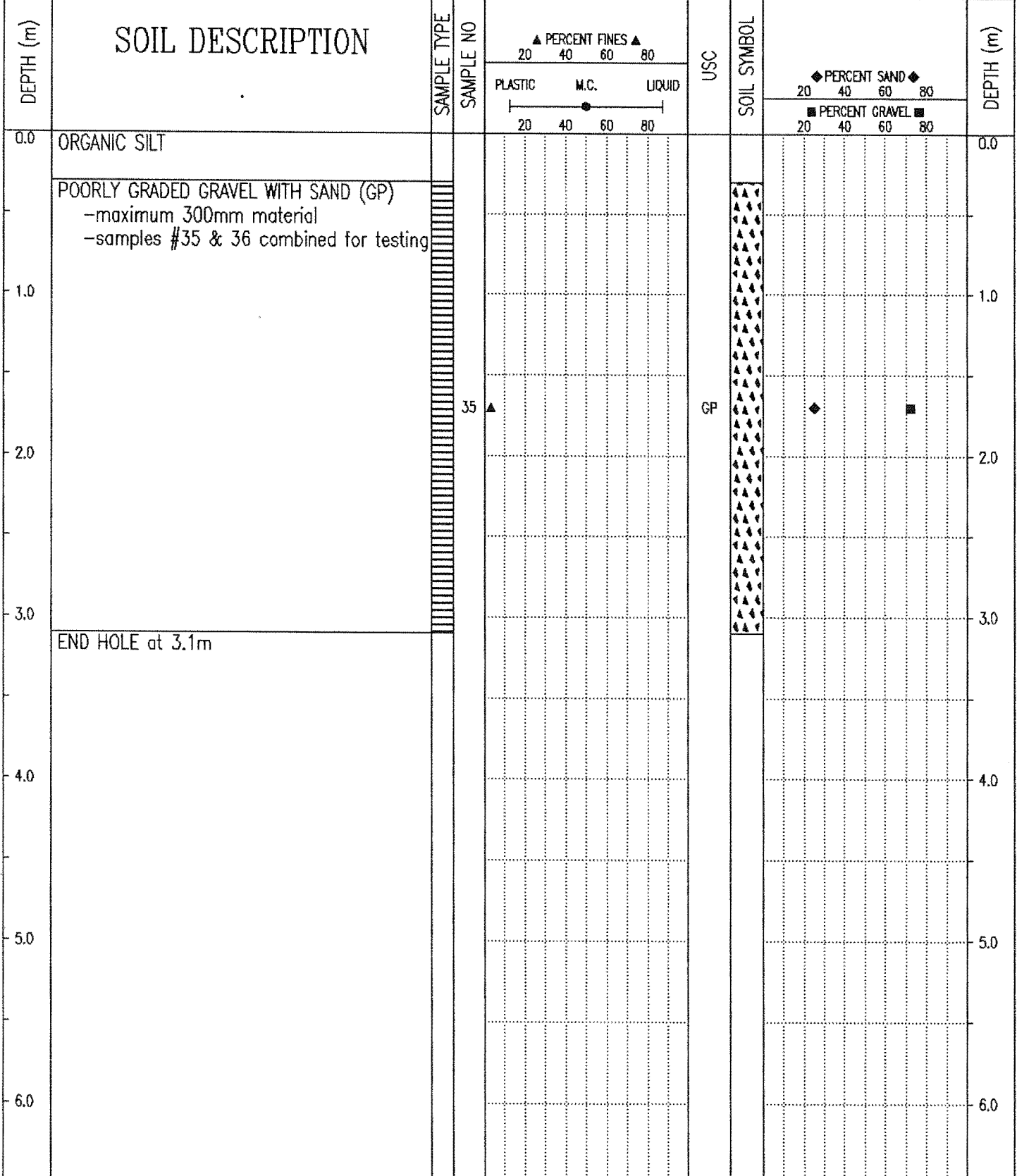
SAMPLE TYPE  RETURN  S.P.T.  AUGER  BULK  TUBE  CORE



Government of Yukon Transportation Engineering	LOGGED BY: JM	COMPLETION DEPTH: 2.7 m
	REVIEWED BY:	COMPLETE: 66/04/08
	Fig. No:	Page 1 of 1

SUBSURFACE EXPLORATION AND TEST REPORT	FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-31
ENGINEERING-CAPITAL	KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE	LOCATION: See Plan	ELEVATION: 0.00 (m)

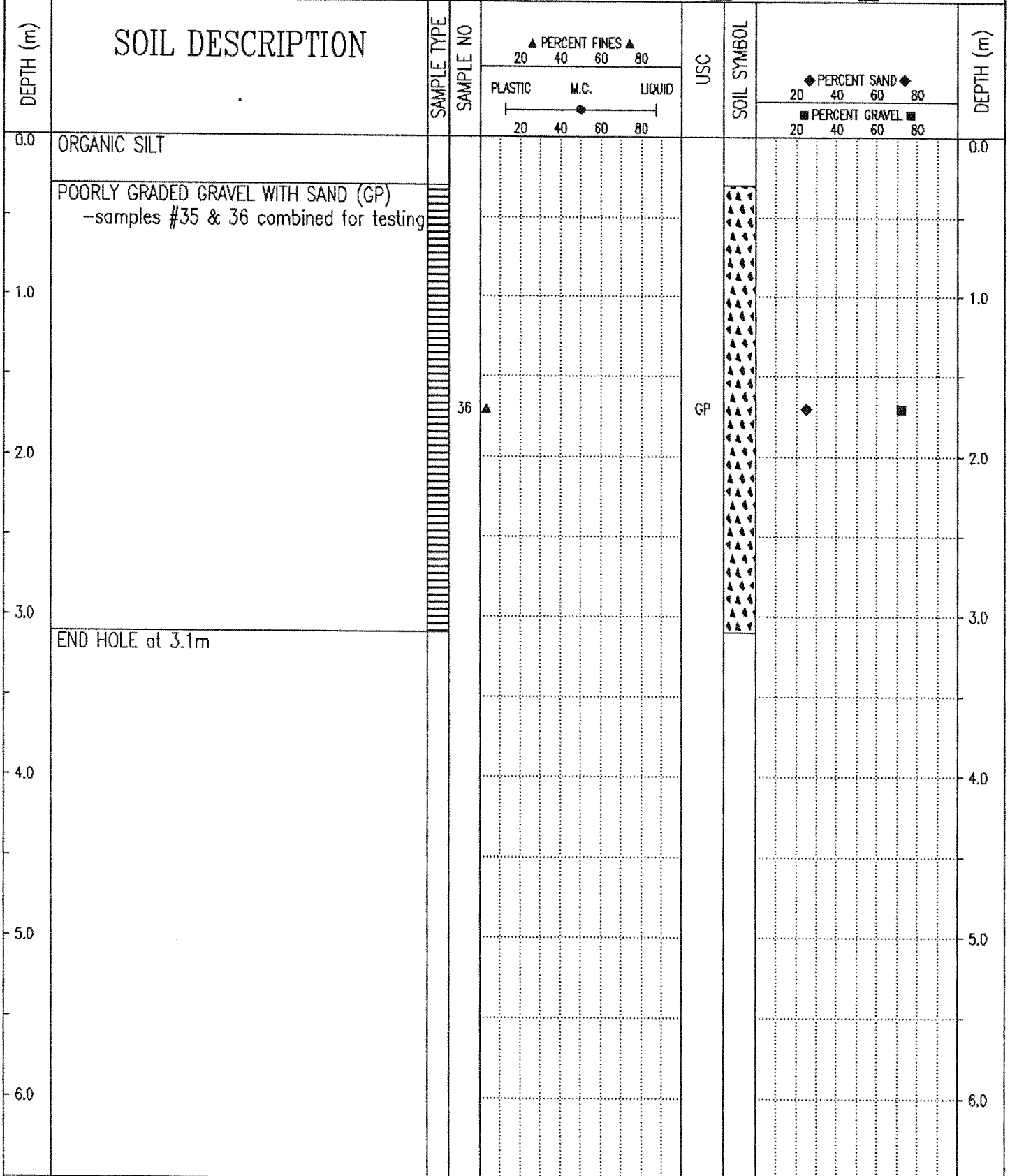
SAMPLE TYPE  RETURN  S.P.T.  AUGER  BULK  TUBE  CORE



Government of Yukon Transportation Engineering	LOGGED BY: JM	COMPLETION DEPTH: 3.1 m
	REVIEWED BY:	COMPLETE: 66/04/08
	Fig. No:	Page 1 of 1

SUBSURFACE EXPLORATION AND TEST REPORT	FREEGOLD ROAD RECONSTRUCTION	TEST PIT NO: 66-32
ENGINEERING-CAPITAL	KM 0+000-5+100	Project No: 202199-0501-194
BACKHOE: D7 BACKHOE	LOCATION: See Plan	ELEVATION: 0.00 (m)

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



Government of Yukon Transportation Engineering	LOGGED BY: JM	COMPLETION DEPTH: 3.1 m
	REVIEWED BY:	COMPLETE: 66/04/08
	Fig. No:	Page 1 of 1



PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-01  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.07

FIELD NO: 1  
 LAB NO: 3006  
 DEPTH: 0.3-2.4  
 TYPE: BULK

FIELD NO: 2  
 LAB NO: 3007  
 DEPTH: 2.4-2.7  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
------------	-----------------

SIEVE SIZE	PERCENT PASSING
------------	-----------------

100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	22
2.5	--
2.0	19
1.25	--
0.840	--
0.630	--
0.420	10
0.315	--
0.160	--
0.150	--
0.080	3

100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	--
2.5	--
2.0	100
1.25	--
0.840	--
0.630	--
0.420	98
0.315	--
0.160	--
0.150	--
0.080	70

M.C. (%): --

M.C. (%): --

LIMITS

LIMITS

LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

LIQUID: 20.0  
 PLASTIC: 19.0  
 P.I.: 1.0

% GRAVEL: 78  
 % SAND: 19  
 % FINES: 3

% GRAVEL: 0  
 % SAND: 30  
 % FINES: 70

CLASSIFICATION:  
 POORLY GRADED  
 GRAVEL WITH SAND  
 (GP)

CLASSIFICATION:  
 SANDY SILT (ML)

PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-02  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0+000-5+100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.07

FIELD NO: 3  
 LAB NO: 3008  
 DEPTH: .2-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
------------	-----------------

100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	--
2.5	--
2.0	100
1.25	--
0.840	--
0.630	--
0.420	97
0.315	--
0.160	--
0.150	--
0.080	34

M.C. (%): --

LIMITS

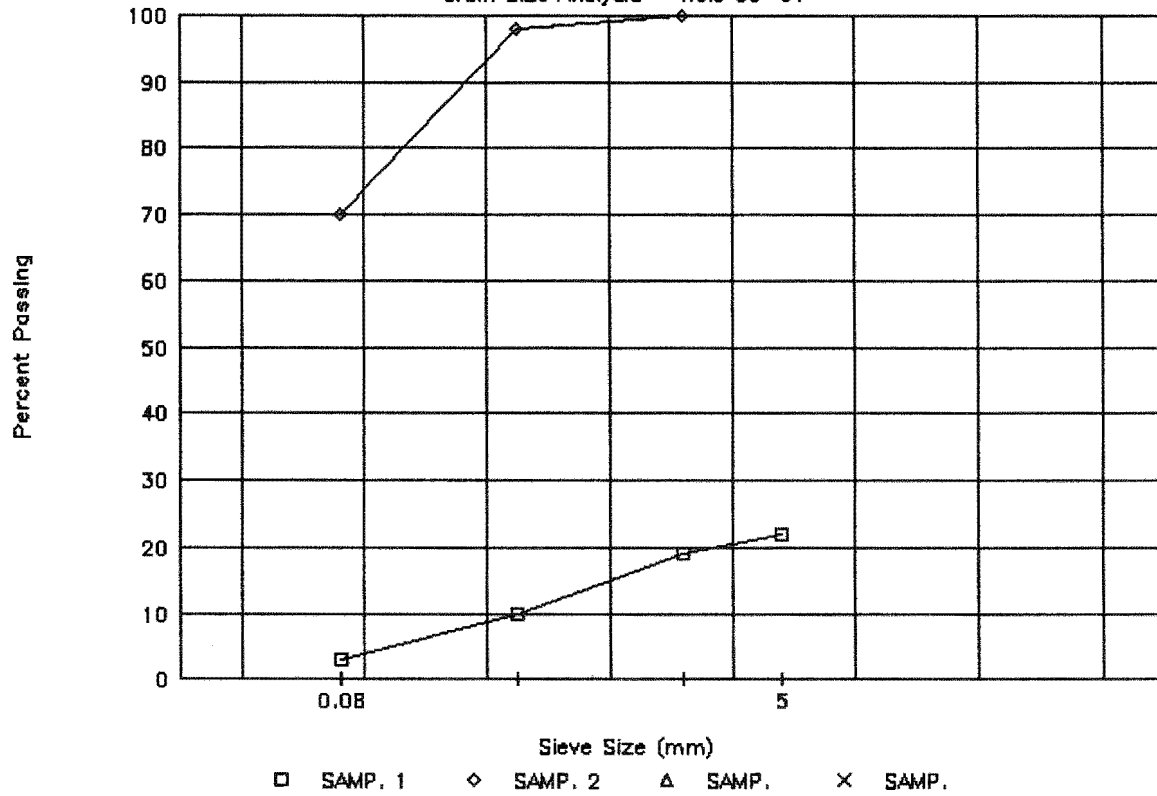
LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 0  
 % SAND: 66  
 % FINES: 34

CLASSIFICATION:  
 SILTY SAND (SM)

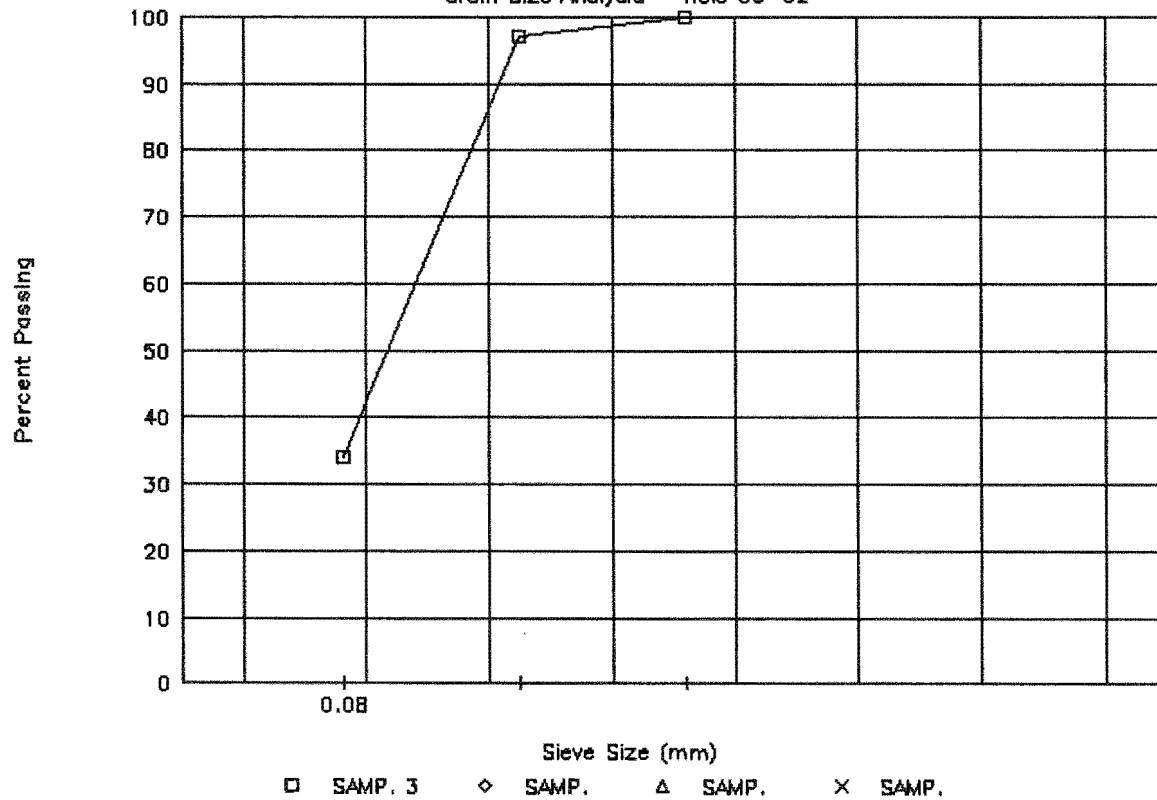
# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-01



# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-02



PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-03  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0+000-5+100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.07

FIELD NO: 4  
 LAB NO: 3009  
 DEPTH: 0.2-1.7  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	--
2.5	--
2.0	100
1.25	--
0.840	--
0.630	--
0.420	97
0.315	--
0.160	--
0.150	--
0.080	34

M.C. (%): --

LIMITS

LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 0  
 % SAND: 66  
 % FINES: 34

CLASSIFICATION:  
 SILTY SAND (SM)

PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-04  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.07

FIELD NO: 5  
 LAB NO: 3010  
 DEPTH: 0.5-2.4  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	24
2.5	--
2.0	14
1.25	--
0.840	--
0.630	--
0.420	5
0.315	--
0.160	--
0.150	--
0.080	3

M.C. (%): --

LIMITS

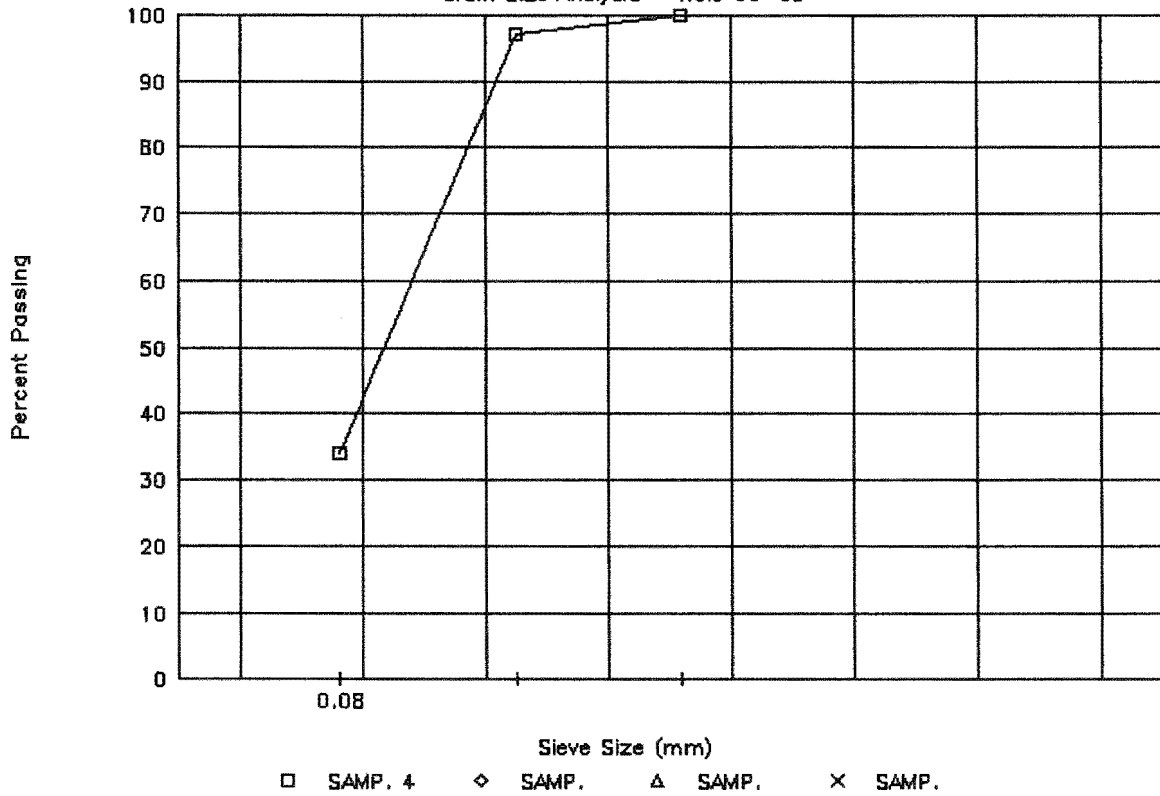
LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 76  
 % SAND: 21  
 % FINES: 3

CLASSIFICATION:  
 WELL-GRADED  
 GRAVEL WITH SAND  
 (GW)

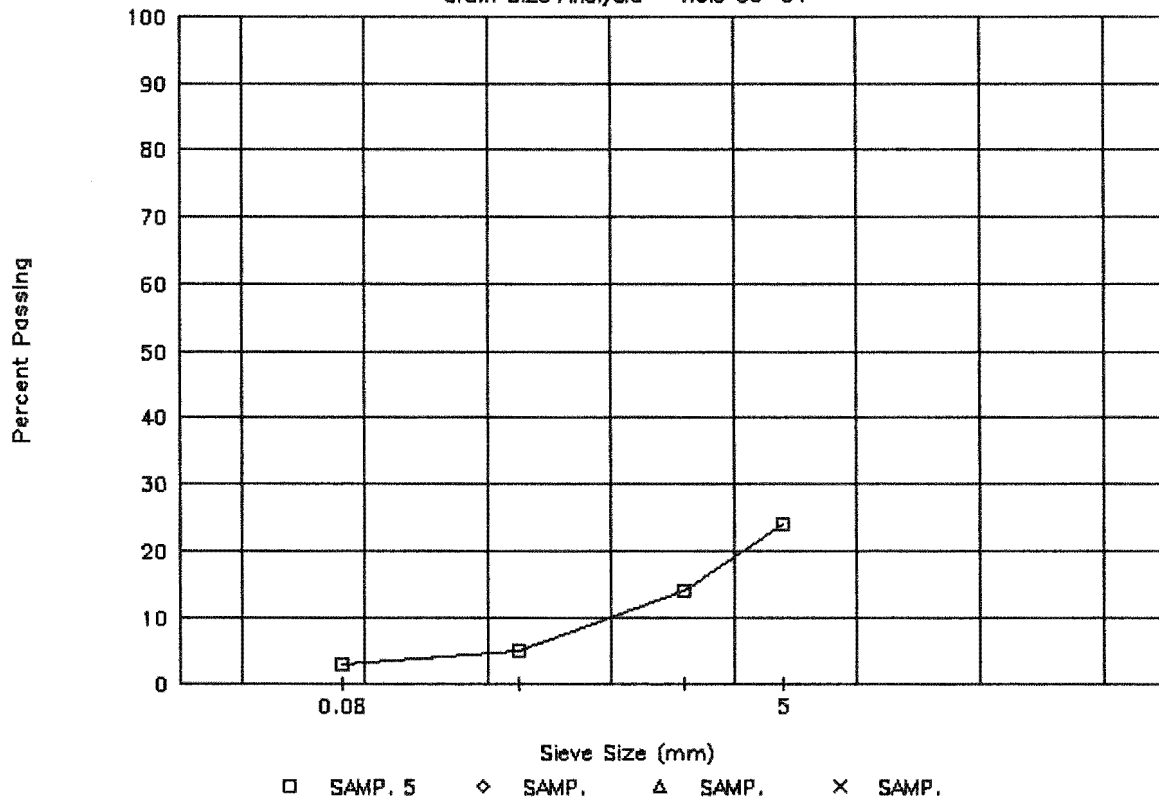
# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-03



# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-04



PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-05  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.07

FIELD NO: 6  
 LAB NO: 3011  
 DEPTH: 2.6-2.8  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	49
2.5	--
2.0	38
1.25	--
0.840	--
0.630	--
0.420	16
0.315	--
0.160	--
0.150	--
0.080	6

M.C. (%): --

LIMITS

LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 51  
 % SAND: 43  
 % FINES: 6

CLASSIFICATION:  
 POORLY GRADED  
 GRAVEL WITH SILT  
 & SAND (GP-GM)

PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-06  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.07

FIELD NO: 7  
 LAB NO: 3013  
 DEPTH: 0.4-0.6  
 TYPE: BULK

FIELD NO: 8  
 LAB NO: 3012  
 DEPTH: 0.6-2.4  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
------------	-----------------

100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	100
2.5	--
2.0	99
1.25	--
0.840	--
0.630	--
0.420	96
0.315	--
0.160	--
0.150	--
0.080	90

M.C. (%): --

LIMITS

LIQUID: 39.0  
 PLASTIC: 21.0  
 P.I.: 18.0

% GRAVEL: 0  
 % SAND: 10  
 % FINES: 90

CLASSIFICATION:  
 LEAN CLAY (CL)

SIEVE SIZE	PERCENT PASSING
------------	-----------------

100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	98
2.5	--
2.0	93
1.25	--
0.840	--
0.630	--
0.420	56
0.315	--
0.160	--
0.150	--
0.080	22

M.C. (%): --

LIMITS

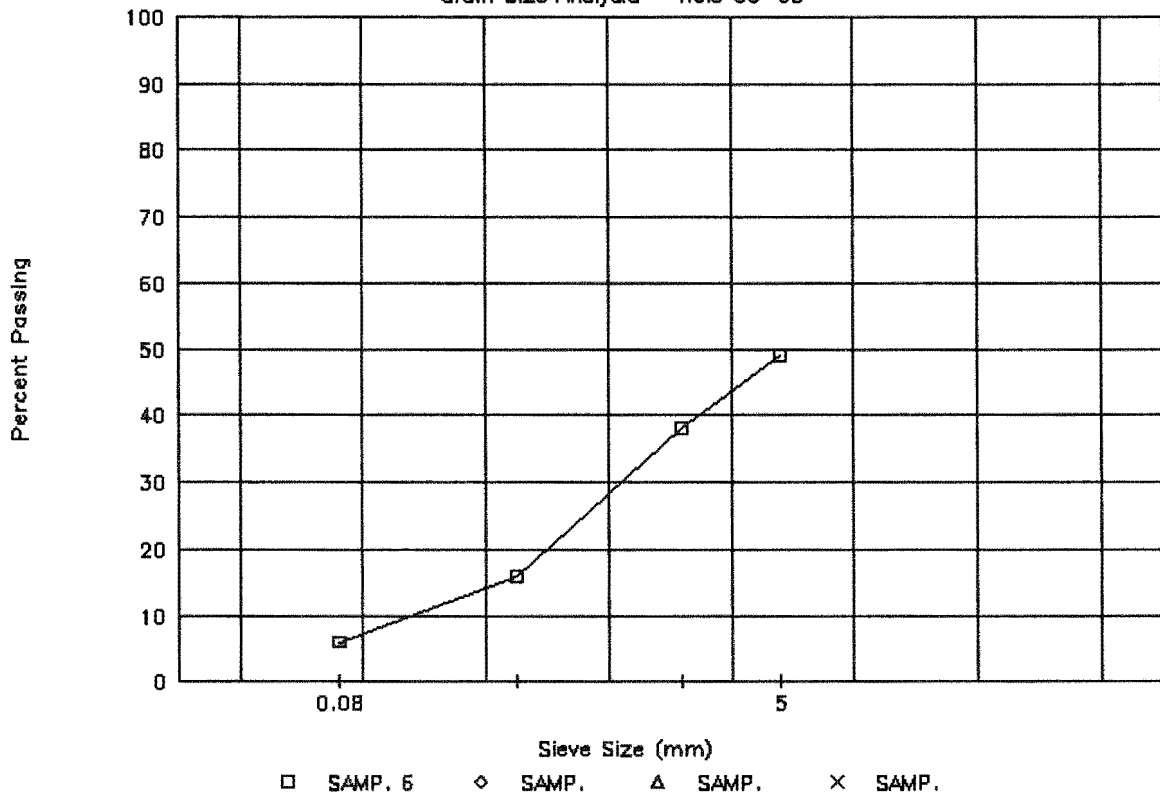
LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 2  
 % SAND: 76  
 % FINES: 22

CLASSIFICATION:  
 SILTY SAND (SM)

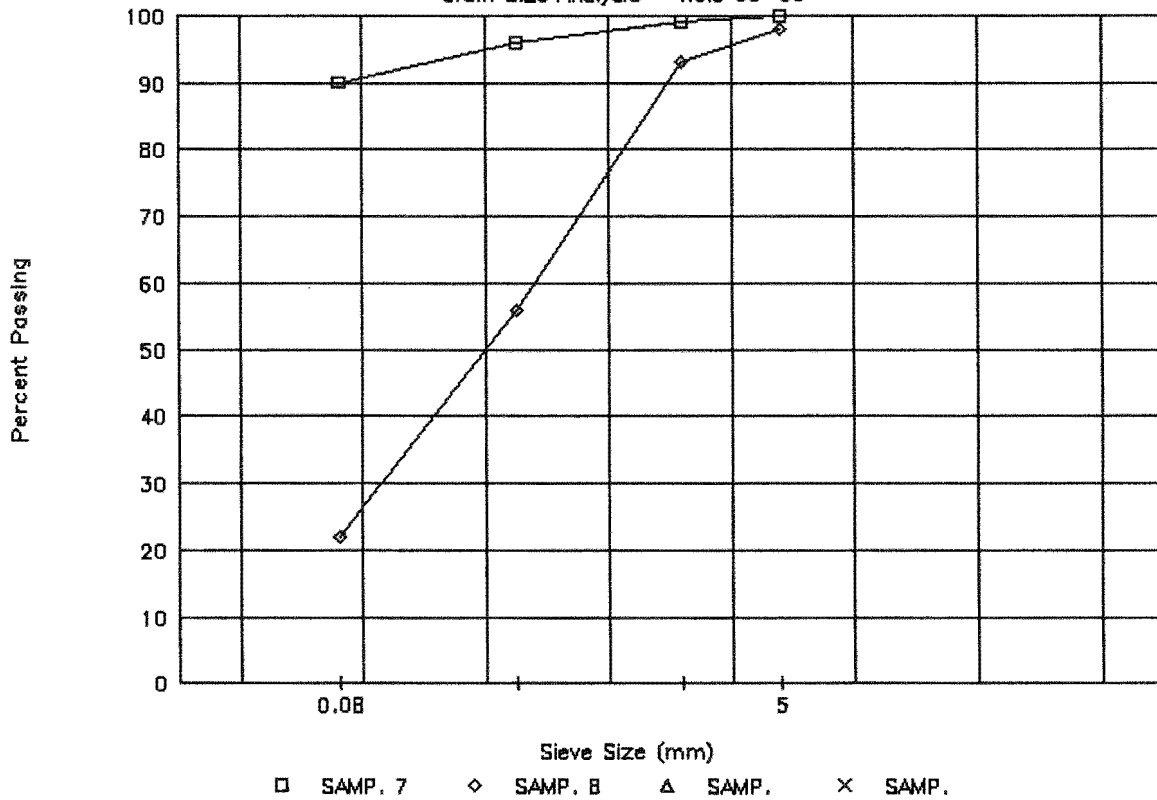
# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-05



# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-06



PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-07  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.07

FIELD NO: 9  
 LAB NO: 3015  
 DEPTH: 0.2-1.7  
 TYPE: BULK

FIELD NO: 10  
 LAB NO: 3014  
 DEPTH: 1.7-1.8  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	40
2.5	--
2.0	31
1.25	--
0.840	--
0.630	--
0.420	17
0.315	--
0.160	--
0.150	--
0.080	9

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	100
2.5	--
2.0	97
1.25	--
0.840	--
0.630	--
0.420	95
0.315	--
0.160	--
0.150	--
0.080	89

M.C. (%): --

M.C. (%): --

LIMITS

LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

LIMITS

LIQUID: 32.0  
 PLASTIC: 23.0  
 P.I.: 9.0

% GRAVEL: 60  
 % SAND: 31  
 % FINES: 9

% GRAVEL: 0  
 % SAND: 11  
 % FINES: 89

CLASSIFICATION:  
 POORLY GRADED  
 GRAVEL WITH SILT  
 & SAND (GP-GM)

CLASSIFICATION:  
 LEAN CLAY (CL)

PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-08  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.07

FIELD NO: 11  
 LAB NO: 3016  
 DEPTH: 0.2-1.4  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	40
2.5	--
2.0	31
1.25	--
0.840	--
0.630	--
0.420	17
0.315	--
0.160	--
0.150	--
0.080	9

M.C. (%): --

LIMITS

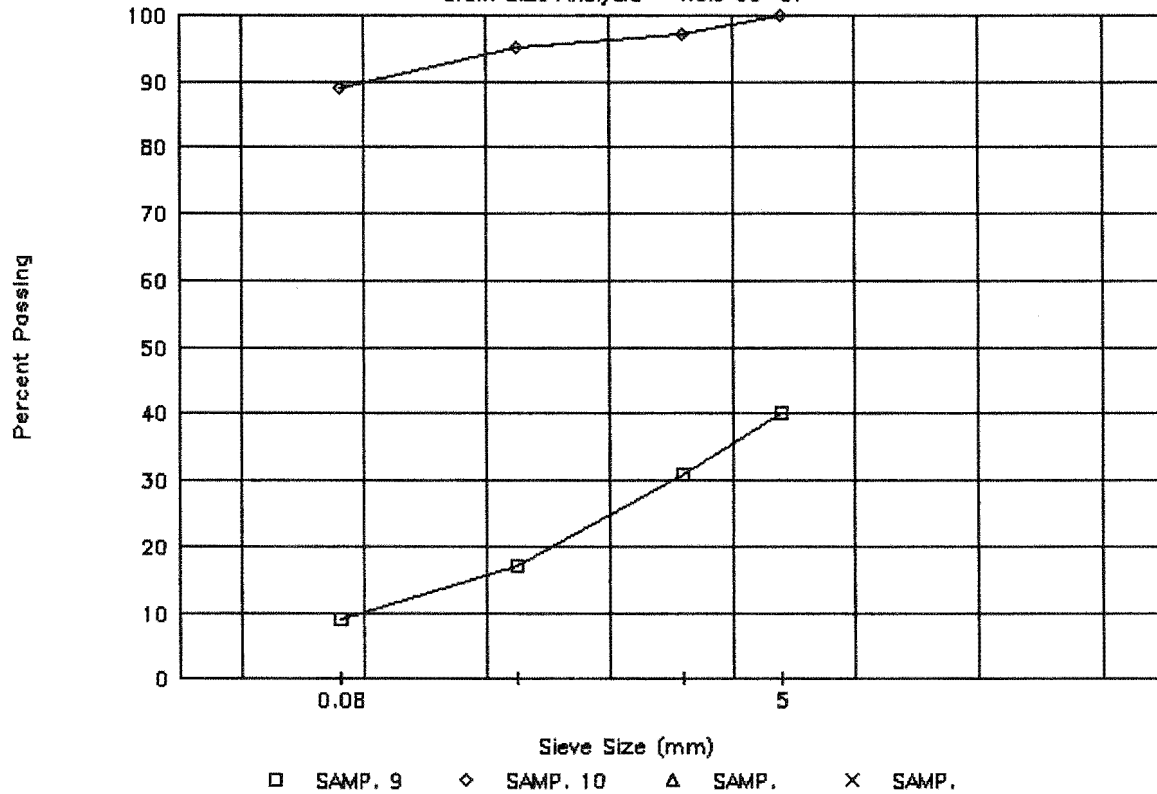
LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 60  
 % SAND: 31  
 % FINES: 9

CLASSIFICATION:  
 POORLY GRADED  
 GRAVEL WITH SILT  
 & SAND (GP-GM)

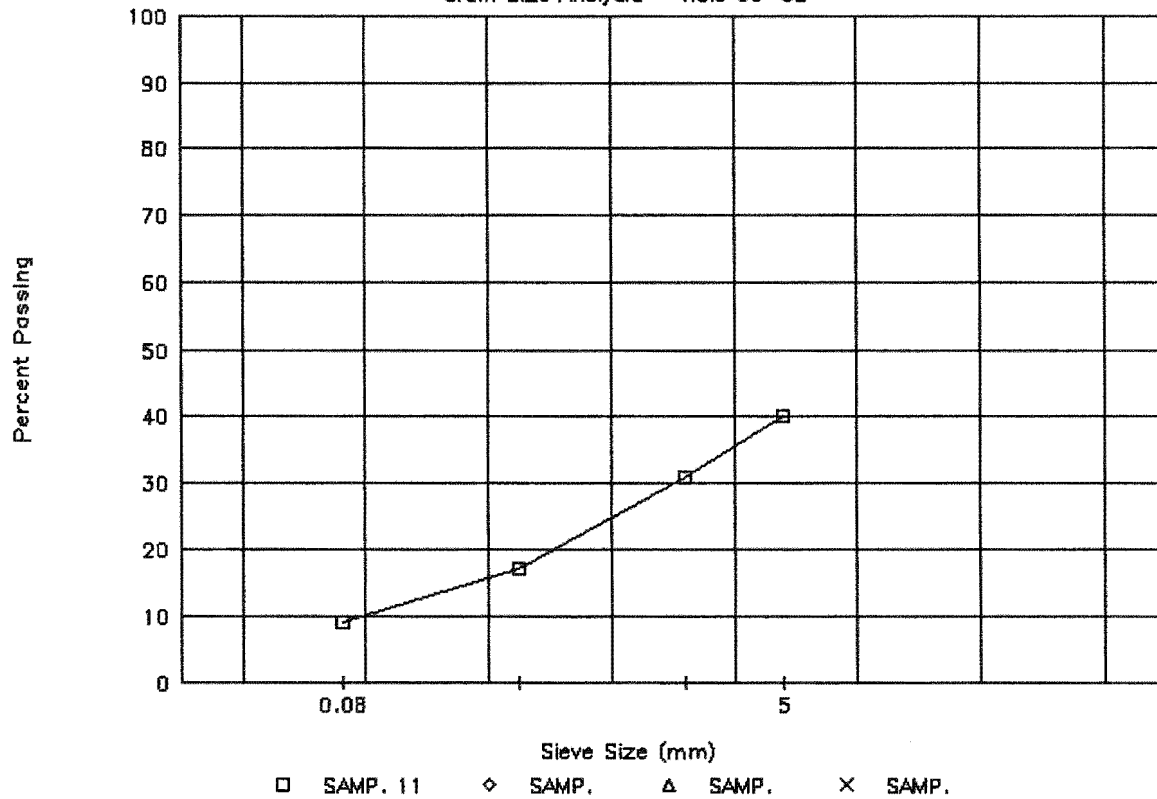
# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-07



# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-08



PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-09  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.07

FIELD NO: 12  
 LAB NO: 3017  
 DEPTH: 0.2-2.3  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	31
2.5	--
2.0	24
1.25	--
0.840	--
0.630	--
0.420	8
0.315	--
0.160	--
0.150	--
0.080	3

M.C. (%): --

LIMITS

LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 69  
 % SAND: 28  
 % FINES: 3

CLASSIFICATION:  
 POORLY GRADED  
 GRAVEL WITH SAND  
 (GP)

PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-10  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.07

FIELD NO: 13  
 LAB NO: 3018  
 DEPTH: 0.2-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	31
2.5	--
2.0	24
1.25	--
0.840	--
0.630	--
0.420	8
0.315	--
0.160	--
0.150	--
0.080	3

M.C. (%): --

LIMITS

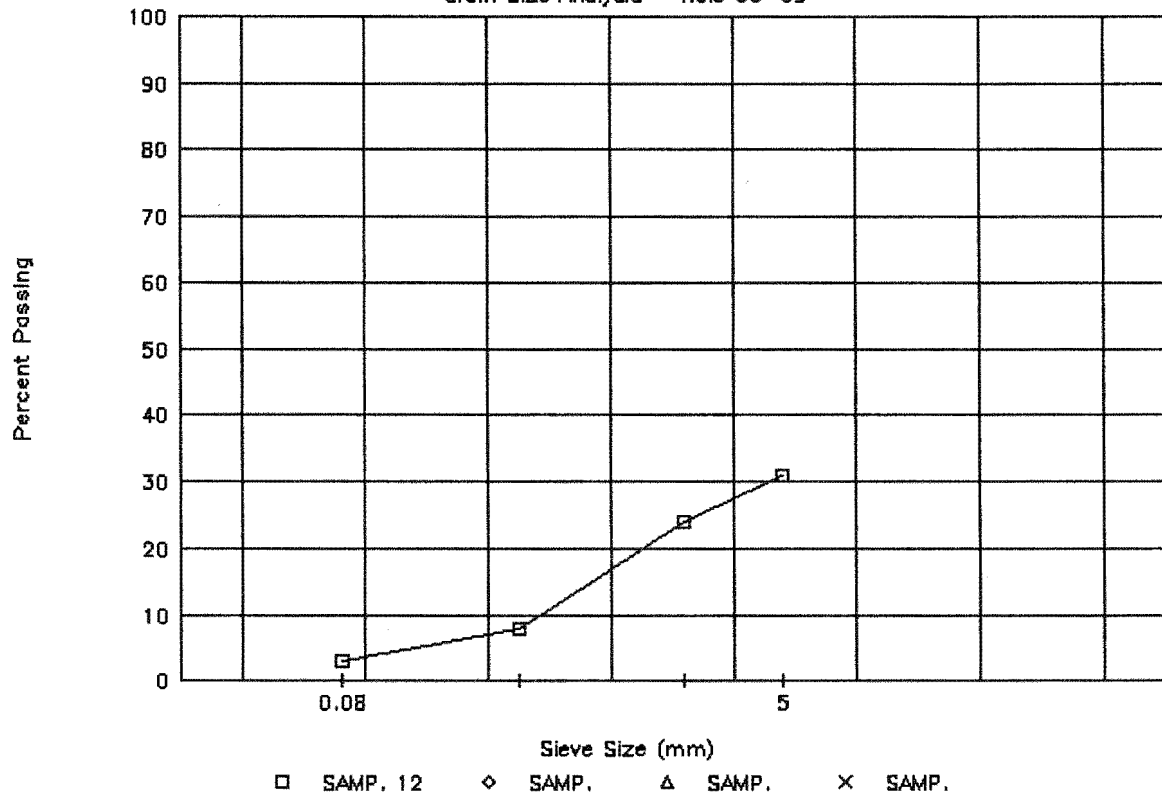
LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 69  
 % SAND: 28  
 % FINES: 3

CLASSIFICATION:  
 POORLY GRADED  
 GRAVEL WITH SAND  
 (GP)

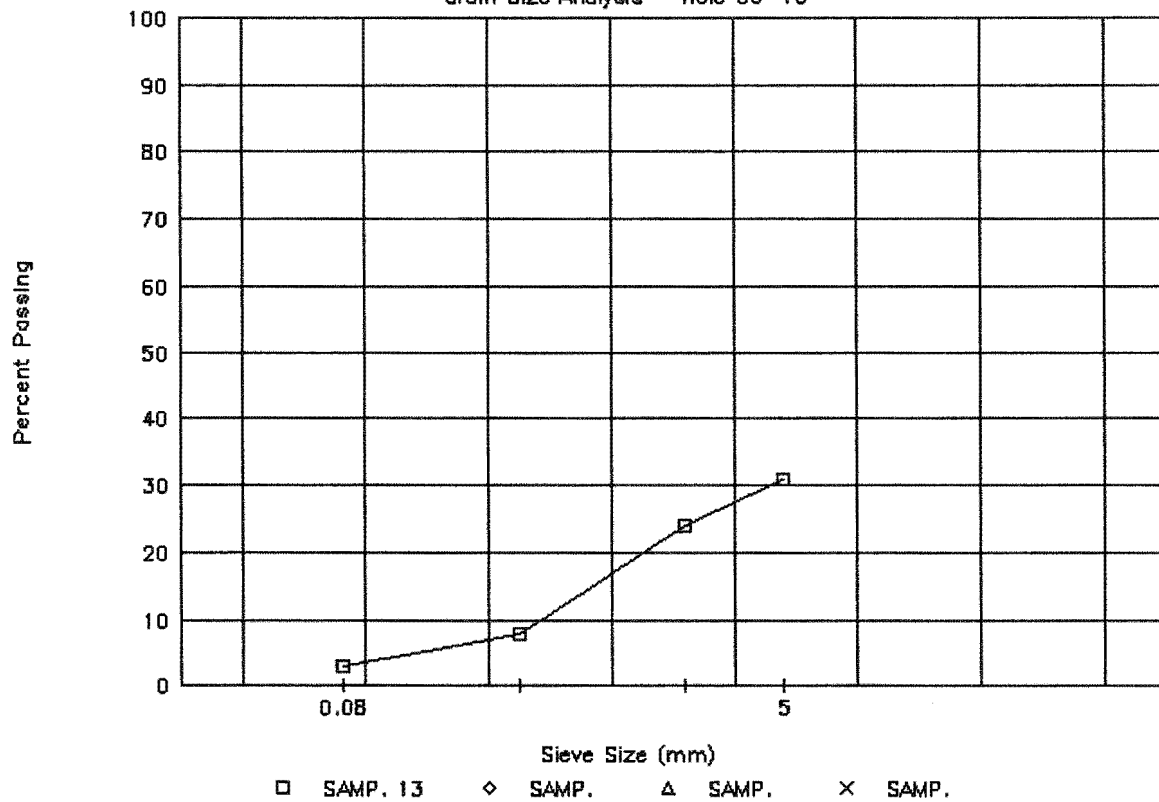
# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-09



# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-10



PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-11  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.07

FIELD NO: 14  
 LAB NO: 3019  
 DEPTH: 0.2-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	31
2.5	--
2.0	24
1.25	--
0.840	--
0.630	--
0.420	8
0.315	--
0.160	--
0.150	--
0.080	3

M.C. (%): --

LIMITS

LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 69  
 % SAND: 28  
 % FINES: 3

CLASSIFICATION:  
 POORLY GRADED  
 GRAVEL WITH SAND  
 (GP)

PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-12  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.07

FIELD NO: 15  
 LAB NO: 3020  
 DEPTH: 0.2-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	47
2.5	--
2.0	43
1.25	--
0.840	--
0.630	--
0.420	12
0.315	--
0.160	--
0.150	--
0.080	5

M.C. (%): --

LIMITS

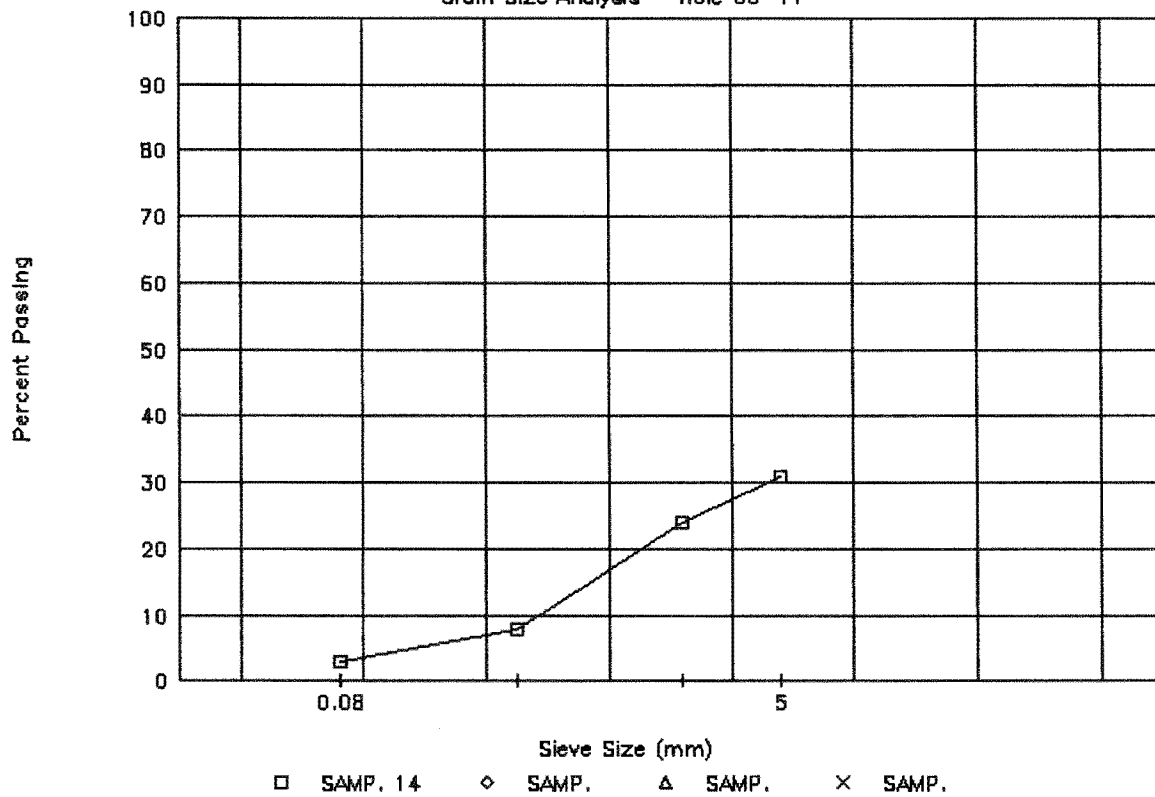
LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 53  
 % SAND: 42  
 % FINES: 5

CLASSIFICATION:  
 POORLY GRADED  
 GRAVEL WITH SILT  
 & SAND (GP-GM)

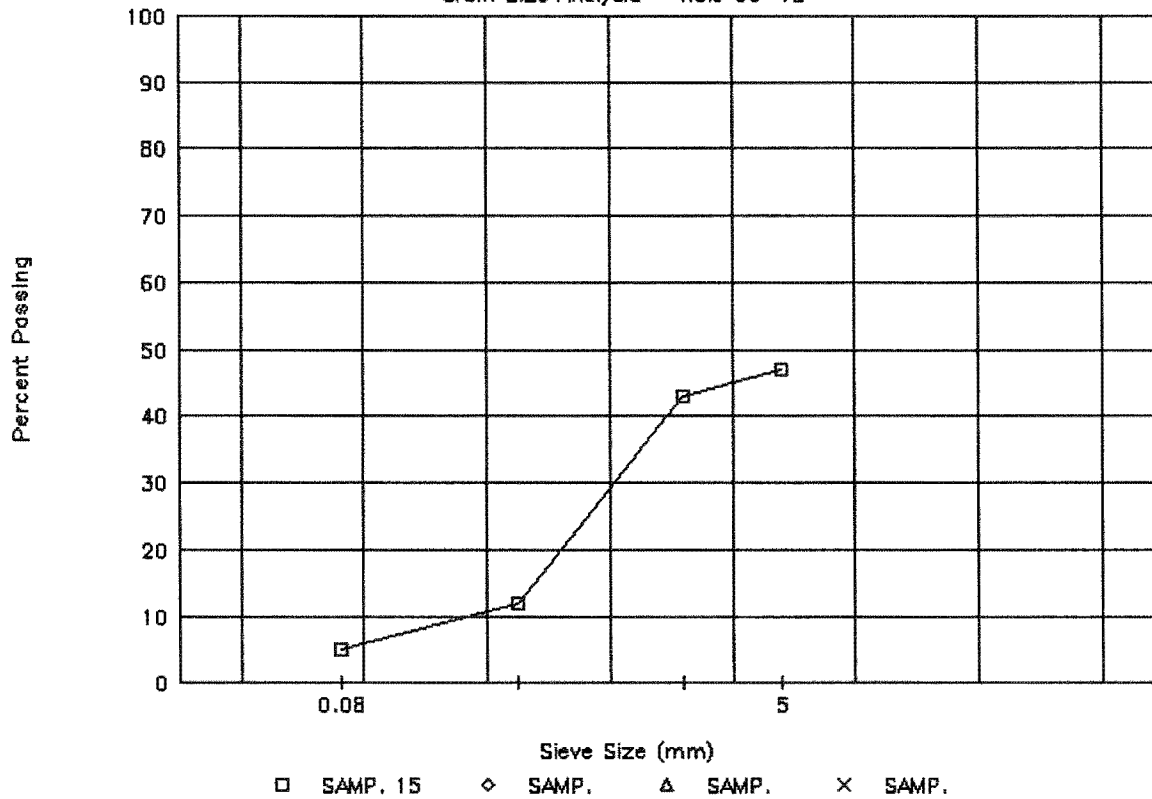
# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-11



# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-12



PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-13  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.07

FIELD NO: 16  
 LAB NO: 3021  
 DEPTH: 0.2-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	22
2.5	--
2.0	21
1.25	--
0.840	--
0.630	--
0.420	13
0.315	--
0.160	--
0.150	--
0.080	5

M.C. (%): --

LIMITS

LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 78  
 % SAND: 17  
 % FINES: 5

CLASSIFICATION:  
 POORLY GRADED  
 GRAVEL WITH SILT  
 & SAND (GP-GM)

PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-14  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.07

FIELD NO: 17  
 LAB NO: 3022  
 DEPTH: 0.2-1.5  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	--
2.5	--
2.0	100
1.25	--
0.840	--
0.630	--
0.420	93
0.315	--
0.160	--
0.150	--
0.080	26

M.C. (%): --

LIMITS

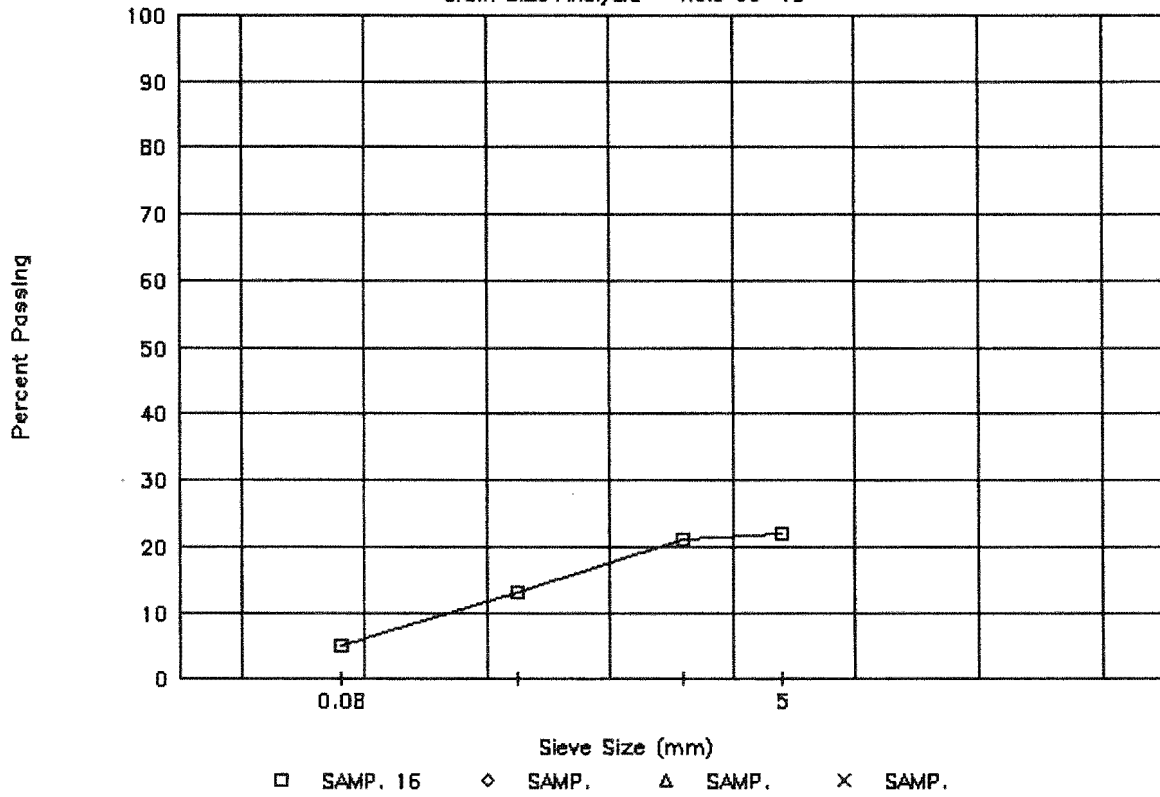
LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 0  
 % SAND: 74  
 % FINES: 26

CLASSIFICATION:  
 SILTY SAND (SM)

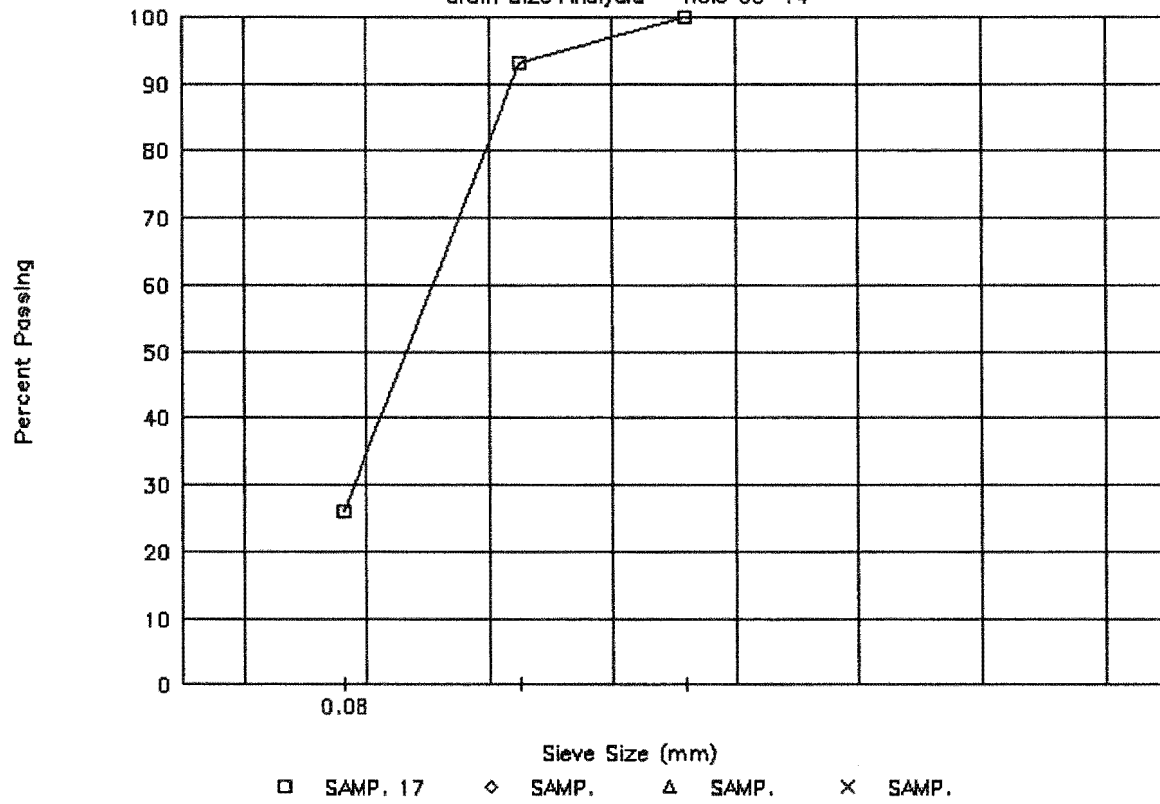
# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-13



# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-14



PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-15  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.07

FIELD NO: 18  
 LAB NO: 3023  
 DEPTH: 0.2-0.6  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	---
50.0	---
31.5	---
25.0	---
20.0	---
12.5	---
10.0	---
5.0	---
2.5	---
2.0	100
1.25	---
0.840	---
0.630	---
0.420	99
0.315	---
0.160	---
0.150	---
0.080	96

M.C. (%): --

LIMITS

LIQUID: 24.0  
 PLASTIC: 20.0  
 P.I.: 4.0

% GRAVEL: 0  
 % SAND: 4  
 % FINES: 96

CLASSIFICATION:  
 SILTY CLAY  
 (CL-ML)

PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-16  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.07

FIELD NO: 19  
 LAB NO: 3024  
 DEPTH: 0.2-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	---
80.0	---
50.0	---
31.5	---
25.0	---
20.0	---
12.5	---
10.0	---
5.0	41
2.5	---
2.0	36
1.25	---
0.840	---
0.630	---
0.420	13
0.315	---
0.160	---
0.150	---
0.080	4

M.C. (%): --

LIMITS

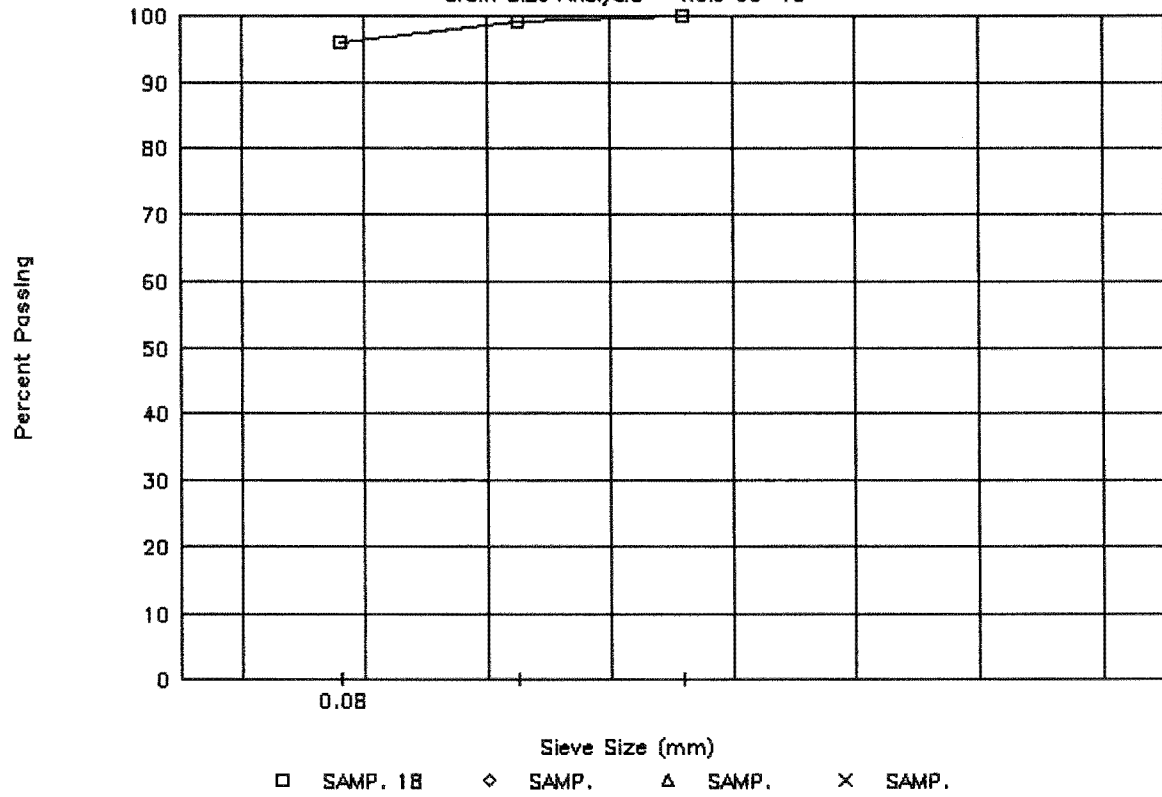
LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 59  
 % SAND: 37  
 % FINES: 4

CLASSIFICATION:  
 POORLY GRADED  
 GRAVEL WITH SAND  
 (GP)

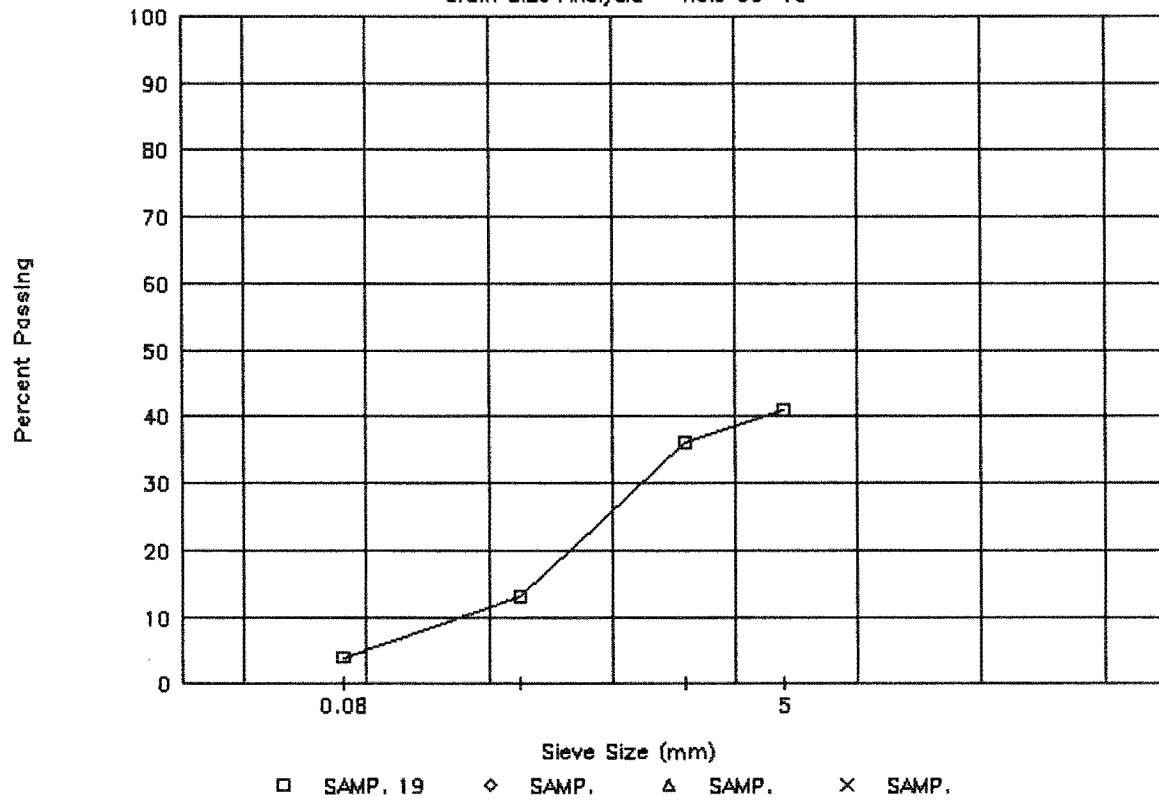
# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-15



# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-16



PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-17  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.08

FIELD NO: 20  
 LAB NO: 3025  
 DEPTH: 0.3-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	---
80.0	---
50.0	---
31.5	---
25.0	---
20.0	---
12.5	---
10.0	---
5.0	41
2.5	---
2.0	36
1.25	---
0.840	---
0.630	---
0.420	13
0.315	---
0.160	---
0.150	---
0.080	4

M.C. (%): --

LIMITS

LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 59  
 % SAND: 37  
 % FINES: 4

CLASSIFICATION:  
 POORLY GRADED  
 GRAVEL WITH SAND  
 (GP)

PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-18  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.08

FIELD NO: 21  
 LAB NO: 3026  
 DEPTH: 0.3-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
------------	-----------------

100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	25
2.5	--
2.0	19
1.25	--
0.840	--
0.630	--
0.420	9
0.315	--
0.160	--
0.150	--
0.080	6

M.C. (%): --

LIMITS

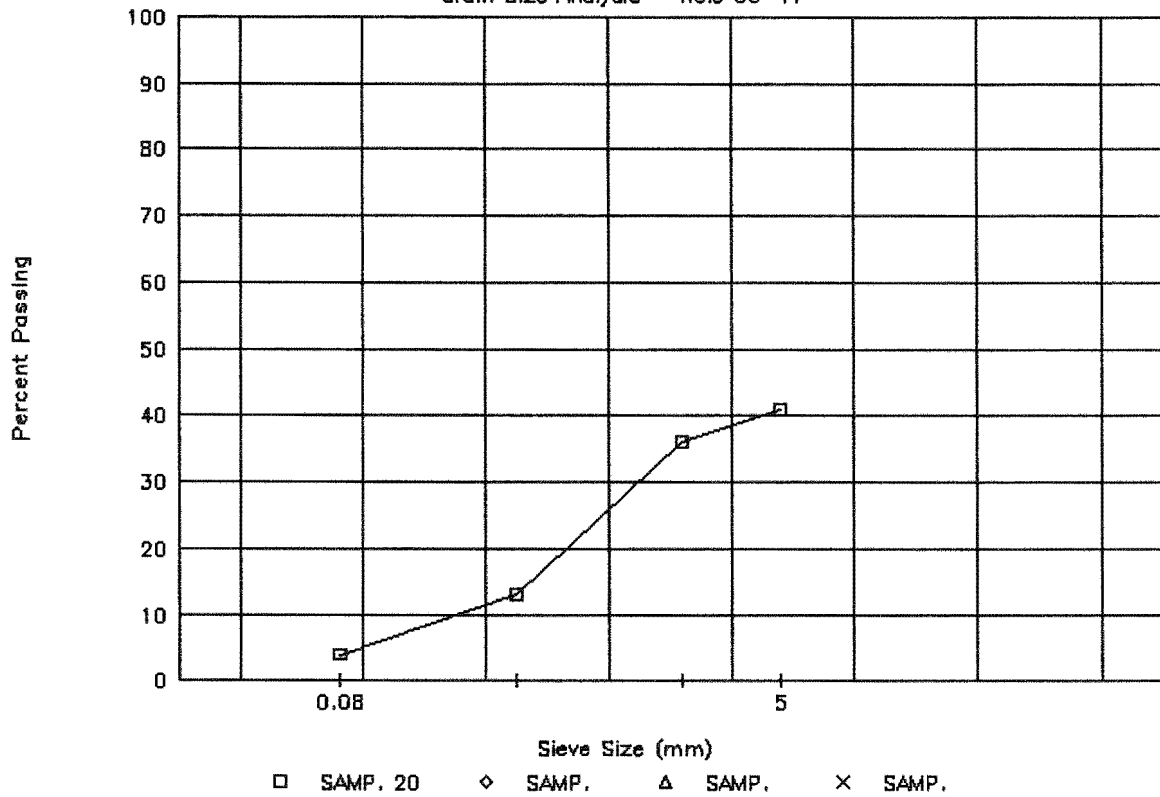
LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 75  
 % SAND: 19  
 % FINES: 6

CLASSIFICATION:  
 POORLY GRADED  
 GRAVEL WITH SILT  
 & SAND (GP-GM)

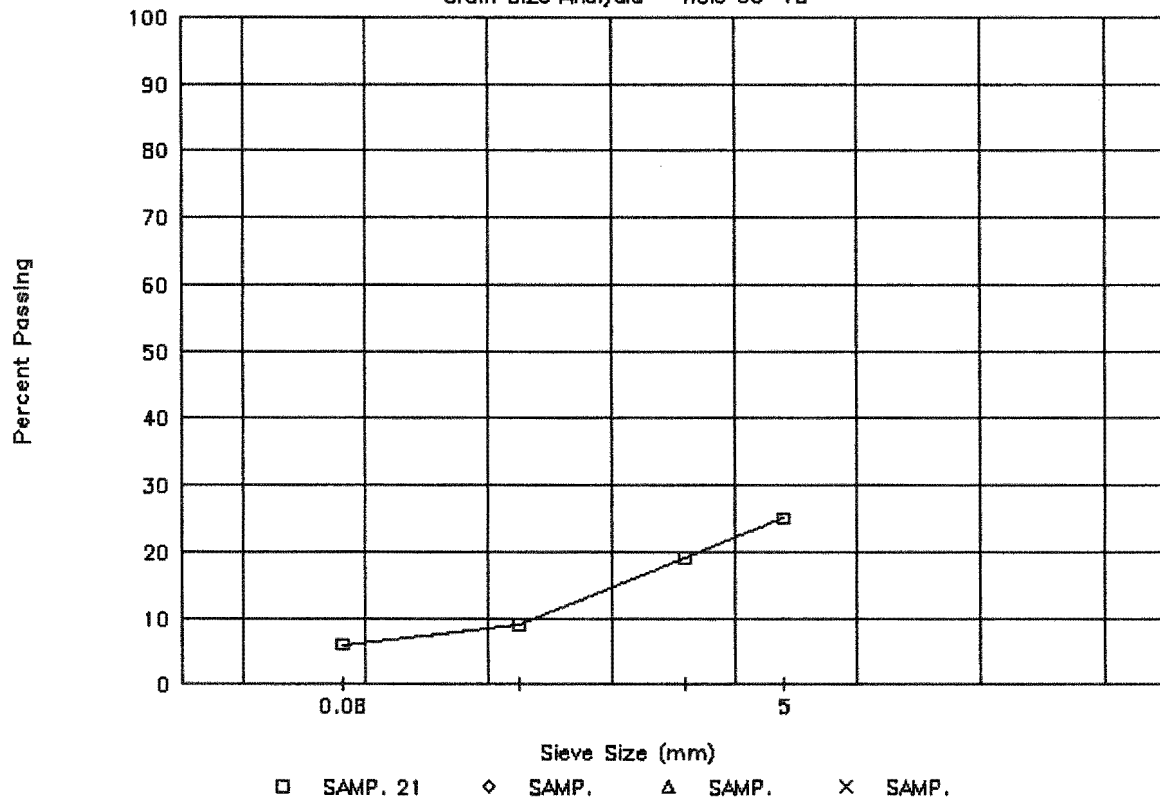
# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-17



# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-18



PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-19  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.08

FIELD NO: 22  
 LAB NO: 3027  
 DEPTH: 0.2-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	---
80.0	---
50.0	---
31.5	---
25.0	---
20.0	---
12.5	---
10.0	---
5.0	95
2.5	---
2.0	90
1.25	---
0.840	---
0.630	---
0.420	77
0.315	---
0.160	---
0.150	---
0.080	46

M.C. (%): --

LIMITS

LIQUID: 42.0  
 PLASTIC: 31.0  
 P.I.: 11.0

% GRAVEL: 5  
 % SAND: 49  
 % FINES: 46

CLASSIFICATION:  
 SILTY SAND (SM)

PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-20  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.08

FIELD NO: 23  
 LAB NO: 3028  
 DEPTH: 0.2-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	40
2.5	--
2.0	34
1.25	--
0.840	--
0.630	--
0.420	20
0.315	--
0.160	--
0.150	--
0.080	10

M.C. (%): --

LIMITS

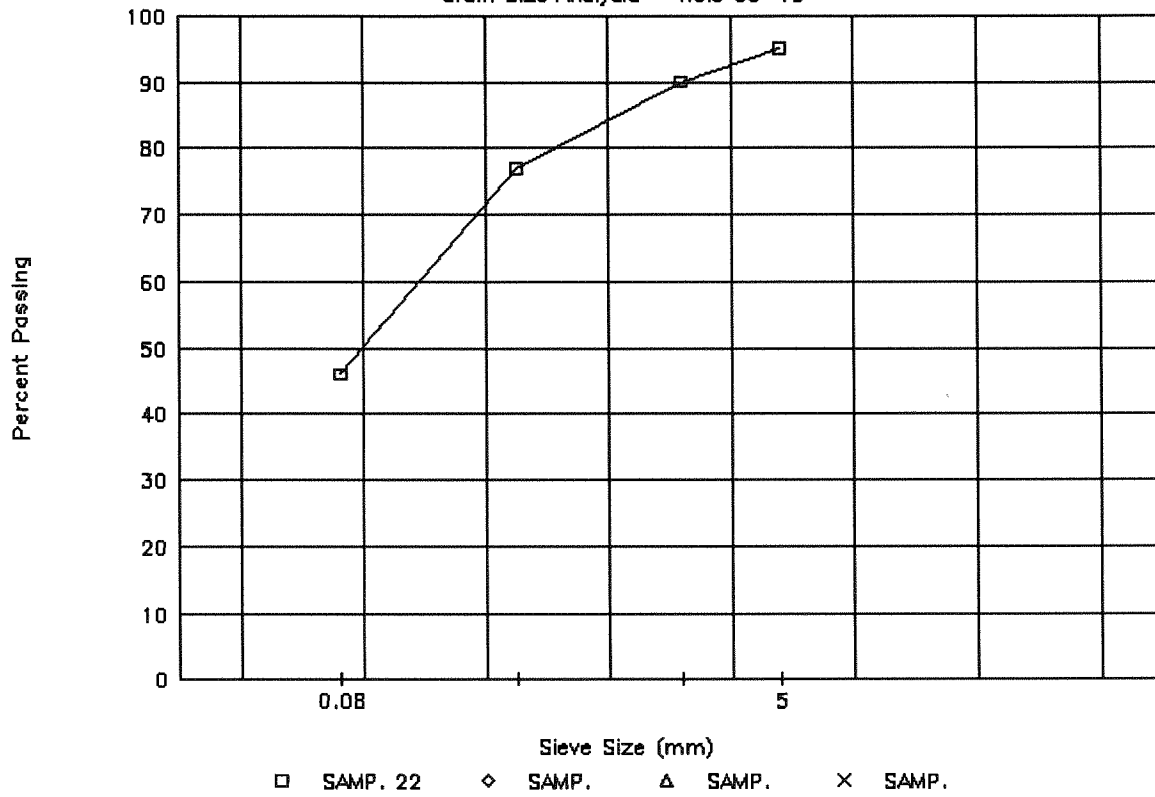
LIQUID: 21.0  
 PLASTIC: 19.0  
 P.I.: 2.0

% GRAVEL: 60  
 % SAND: 30  
 % FINES: 10

CLASSIFICATION:  
 POORLY GRADED  
 GRAVEL WITH SILT  
 & SAND (GP-GM)

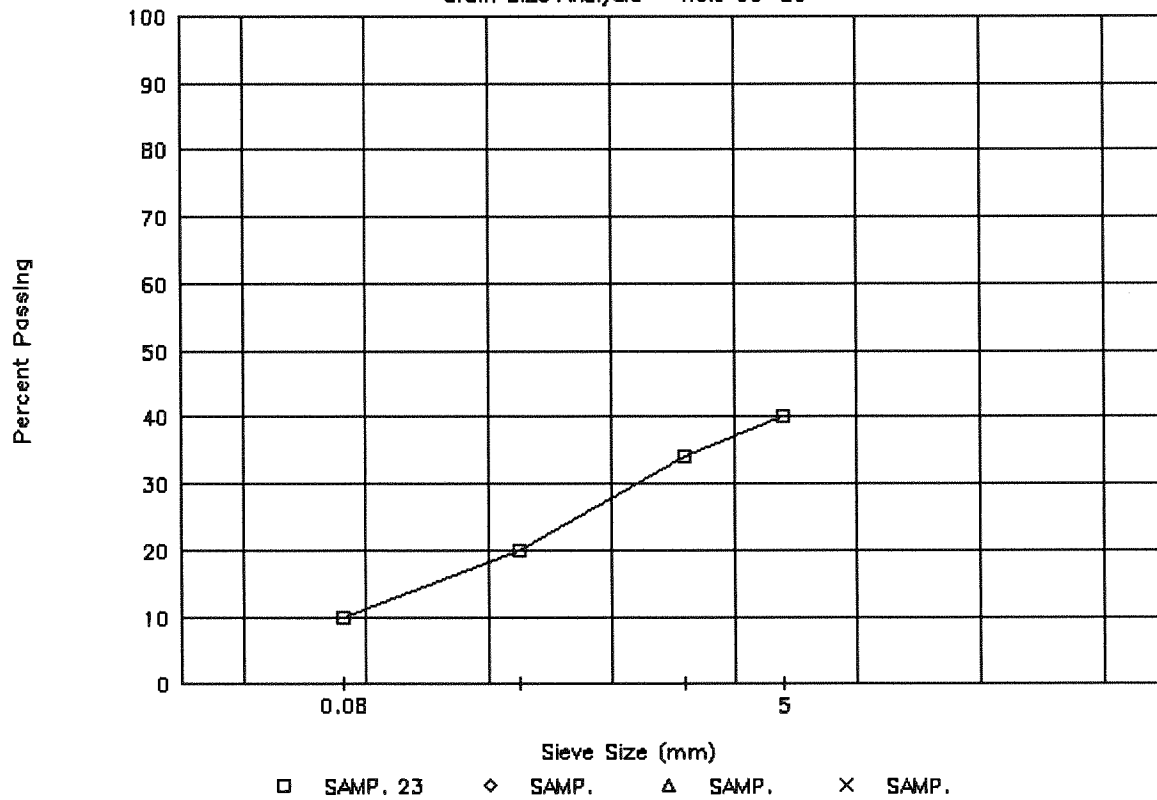
# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-19



# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-20



PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-21  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.08

FIELD NO: 24  
 LAB NO: 3029  
 DEPTH: 0.2-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	65
2.5	--
2.0	57
1.25	--
0.840	--
0.630	--
0.420	20
0.315	--
0.160	--
0.150	--
0.080	3

M.C. (%): --

LIMITS

LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 35  
 % SAND: 62  
 % FINES: 3

CLASSIFICATION:  
 POORLY GRADED  
 SAND WITH GRAVEL  
 (SP)

PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-22  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.08

FIELD NO: 25  
 LAB NO: 3030  
 DEPTH: 0.3-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	65
2.5	--
2.0	57
1.25	--
0.840	--
0.630	--
0.420	20
0.315	--
0.160	--
0.150	--
0.080	3

M.C. (%): --

LIMITS

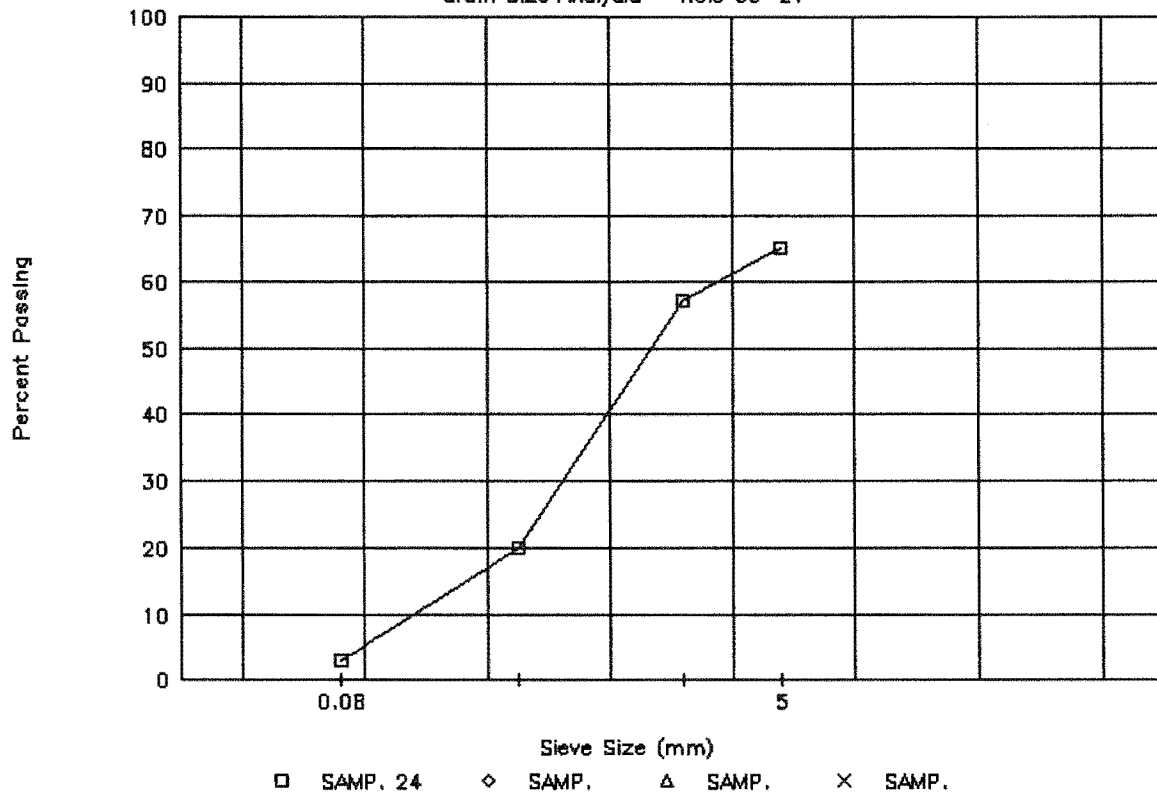
LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 35  
 % SAND: 62  
 % FINES: 3

CLASSIFICATION:  
 POORLY GRADED  
 SAND WITH GRAVEL  
 (SP)

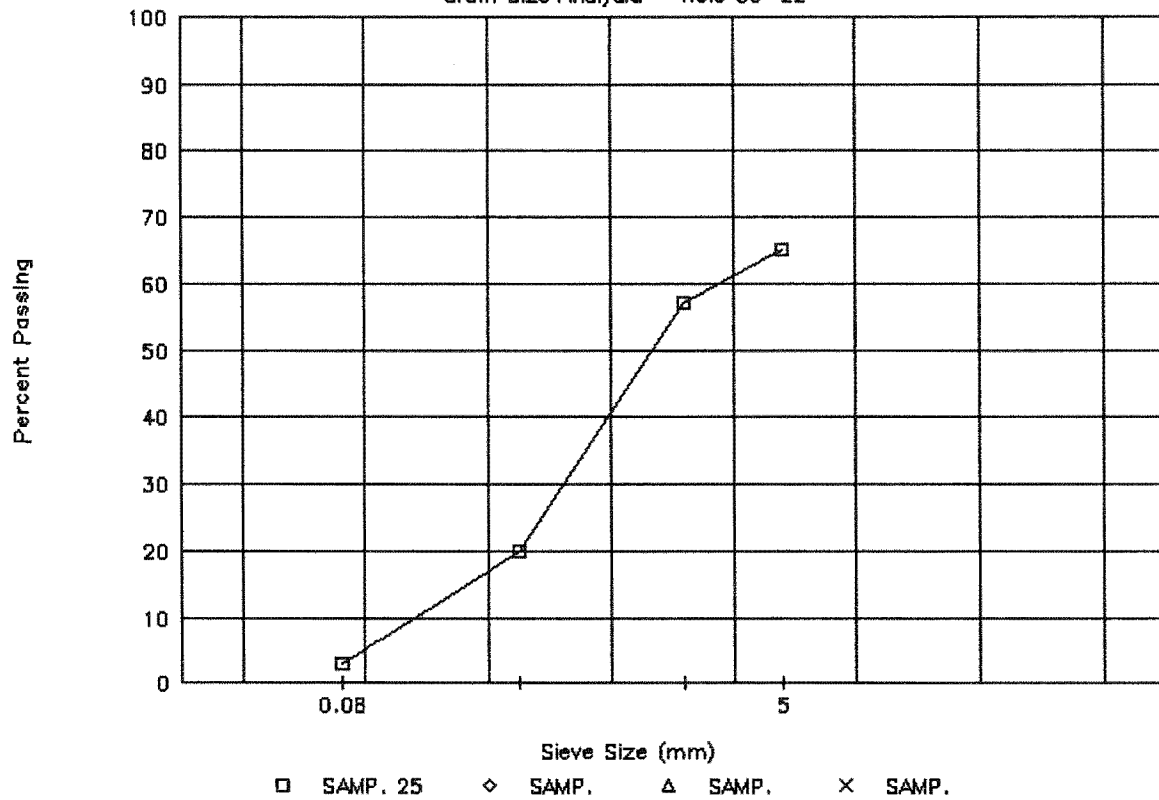
# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-21



# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-22



PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-23  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.08

FIELD NO: 26  
 LAB NO: 3031  
 DEPTH: 0.2-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	51
2.5	--
2.0	45
1.25	--
0.840	--
0.630	--
0.420	20
0.315	--
0.160	--
0.150	--
0.080	4

M.C. (%): --

LIMITS

LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 49  
 % SAND: 47  
 % FINES: 4

CLASSIFICATION:  
 WELL-GRADED  
 GRAVEL WITH SAND  
 (GW)

PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-24  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.08

FIELD NO: 27  
 LAB NO: 3032  
 DEPTH: 0.2-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	51
2.5	--
2.0	45
1.25	--
0.840	--
0.630	--
0.420	20
0.315	--
0.160	--
0.150	--
0.080	4

M.C. (%): --

LIMITS

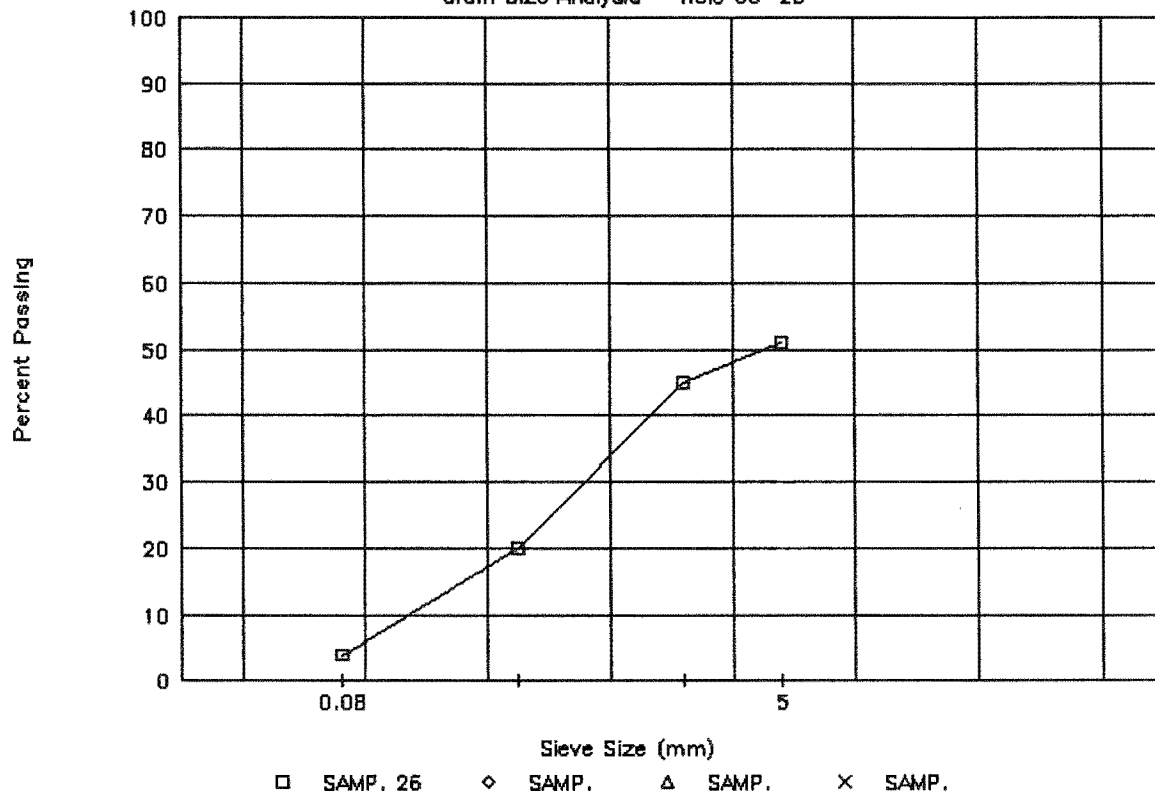
LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 49  
 % SAND: 47  
 % FINES: 4

CLASSIFICATION:  
 WELL-GRADED  
 GRAVEL WITH SAND  
 (GW)

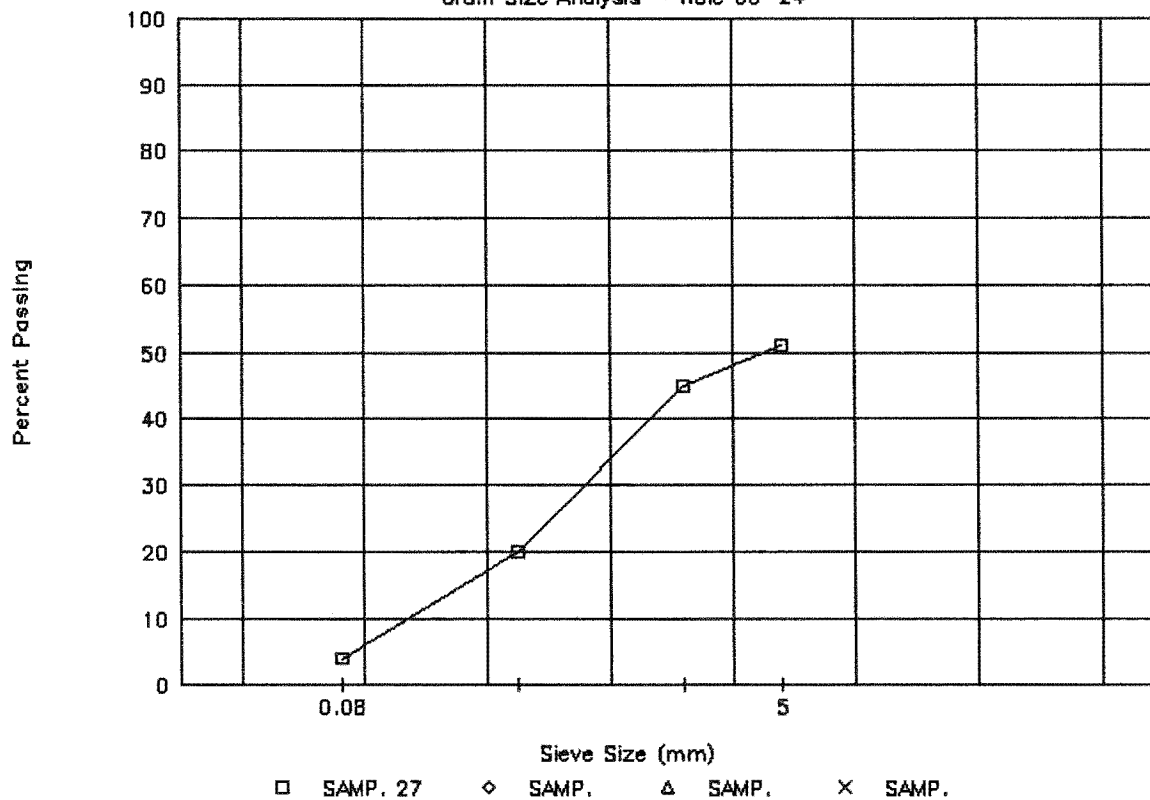
# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-23



# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-24



PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-25  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.08

FIELD NO: 28  
 LAB NO: 3033  
 DEPTH: 0.2-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	57
2.5	--
2.0	49
1.25	--
0.840	--
0.630	--
0.420	17
0.315	--
0.160	--
0.150	--
0.080	2

M.C. (%): --

LIMITS

LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 43  
 % SAND: 55  
 % FINES: 2

CLASSIFICATION:  
 WELL-GRADED SAND  
 WITH GRAVEL (SW)

PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-26  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.08

FIELD NO: 29  
 LAB NO: 3034  
 DEPTH: 0.2-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	99
2.5	--
2.0	98
1.25	--
0.840	--
0.630	--
0.420	79
0.315	--
0.160	--
0.150	--
0.080	4

M.C. (%): --

LIMITS

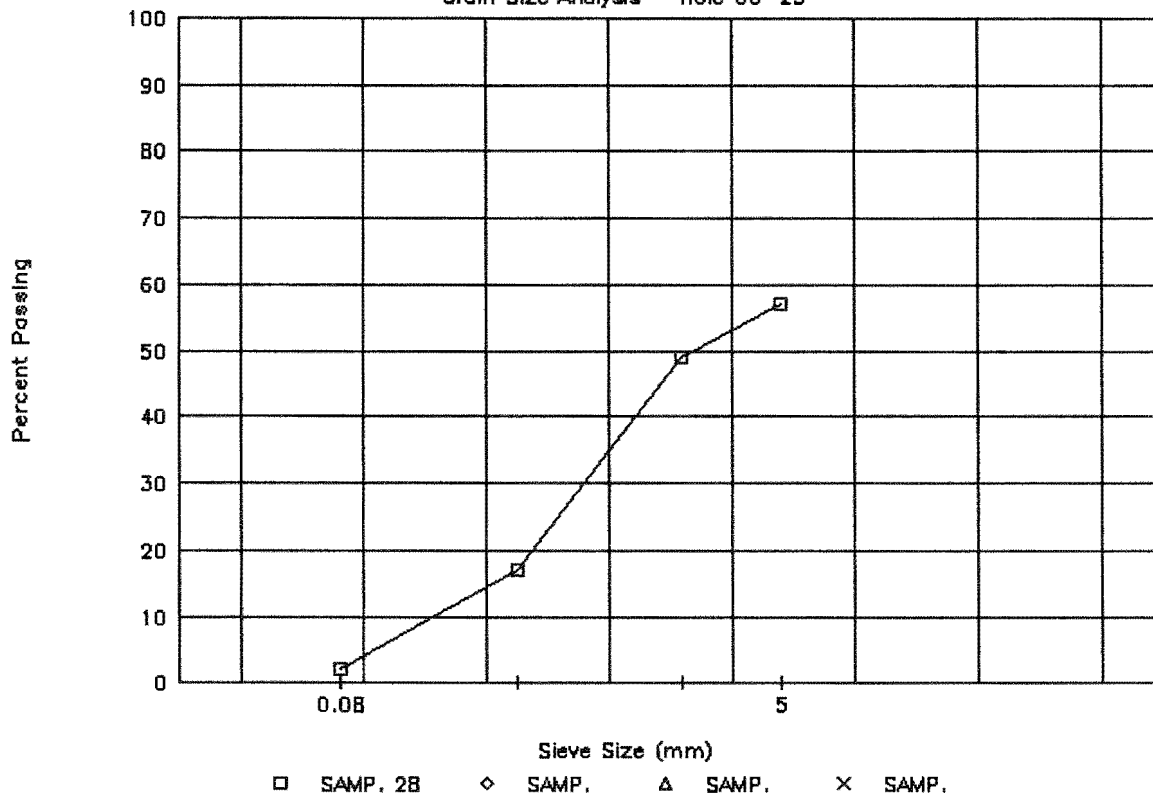
LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 1  
 % SAND: 95  
 % FINES: 4

CLASSIFICATION:  
 POORLY GRADED  
 SAND (SP)

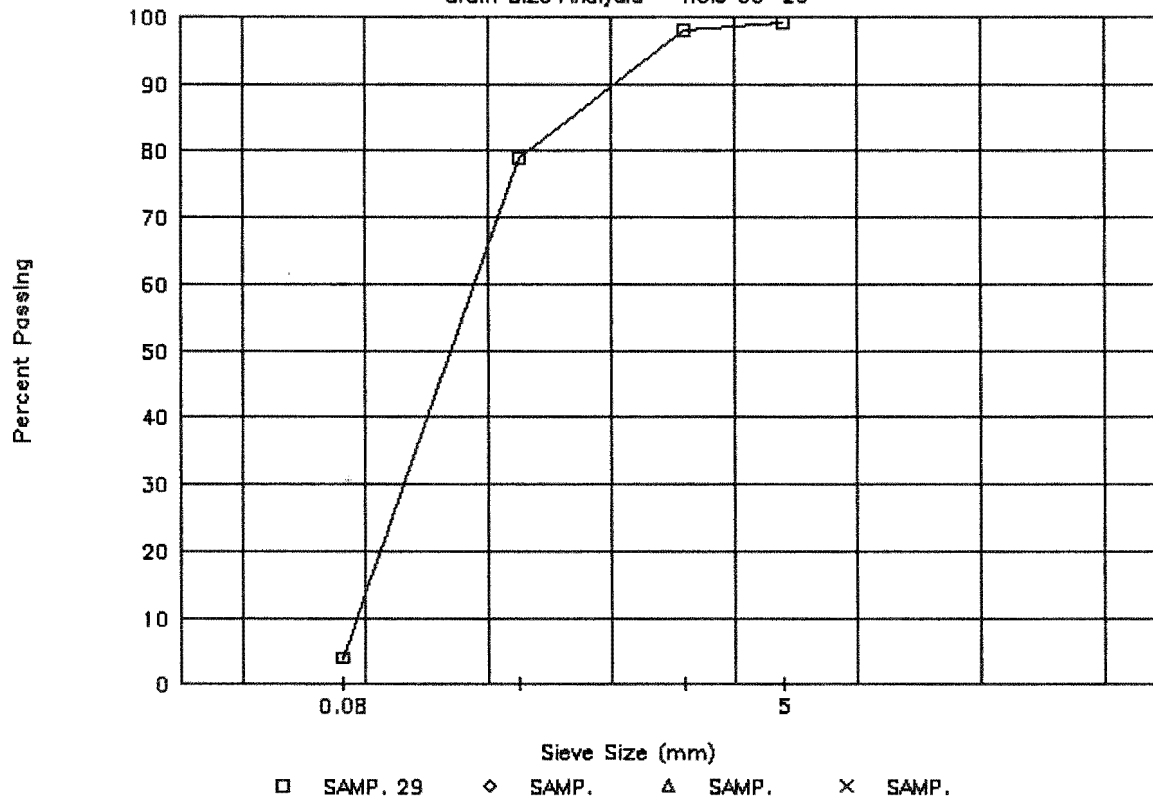
# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-25



# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-26



PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-27  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.08

FIELD NO: 30  
 LAB NO: 3035  
 DEPTH: 0.3-1.5  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	99
2.5	--
2.0	98
1.25	--
0.840	--
0.630	--
0.420	76
0.315	--
0.160	--
0.150	--
0.080	10

M.C. (%): --

LIMITS

LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 1  
 % SAND: 89  
 % FINES: 10

CLASSIFICATION:  
 POORLY GRADED  
 SAND WITH SILT  
 (SP-SM)

PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-28  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.08

FIELD NO: 31  
 LAB NO: 3035A  
 DEPTH: 0.2-0.6  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	--
2.5	--
2.0	--
1.25	--
0.840	--
0.630	--
0.420	100
0.315	--
0.160	--
0.150	--
0.080	99

M.C. (%): --

LIMITS

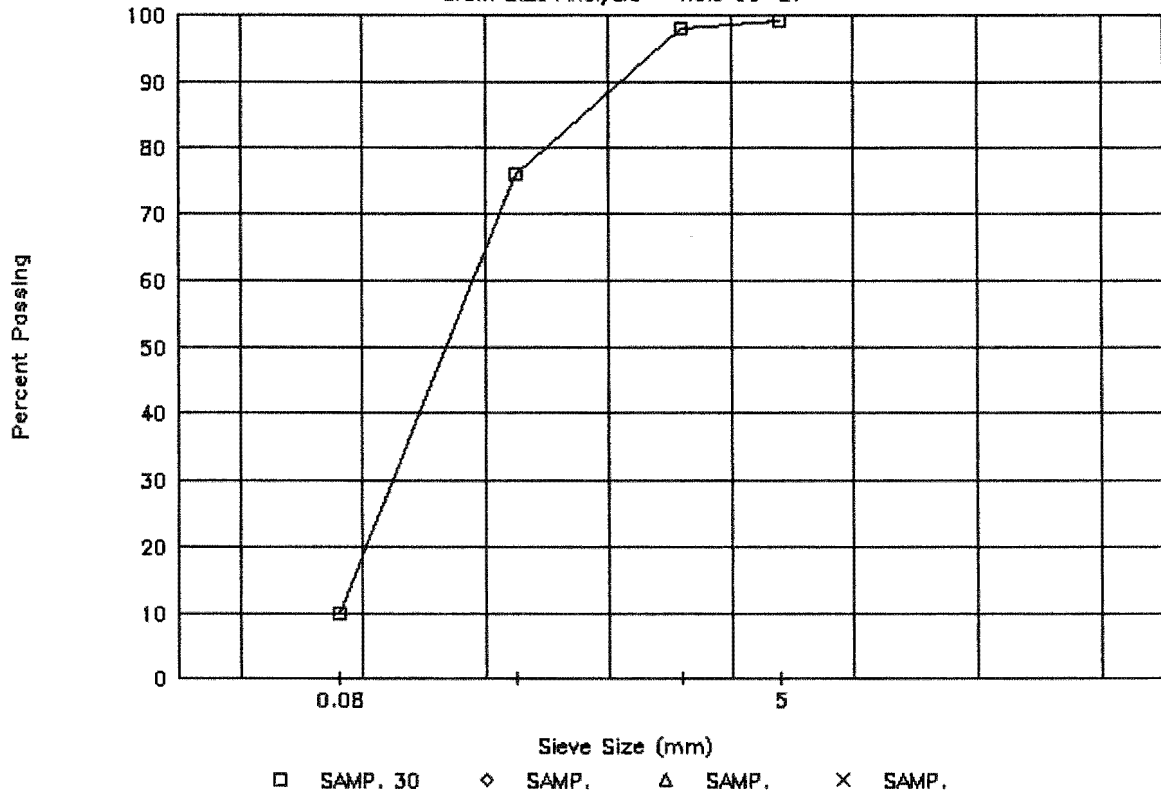
LIQUID: 34.0  
 PLASTIC: 27.0  
 P.I.: 7.0

% GRAVEL: 0  
 % SAND: 1  
 % FINES: 99

CLASSIFICATION:  
 SILT (ML)

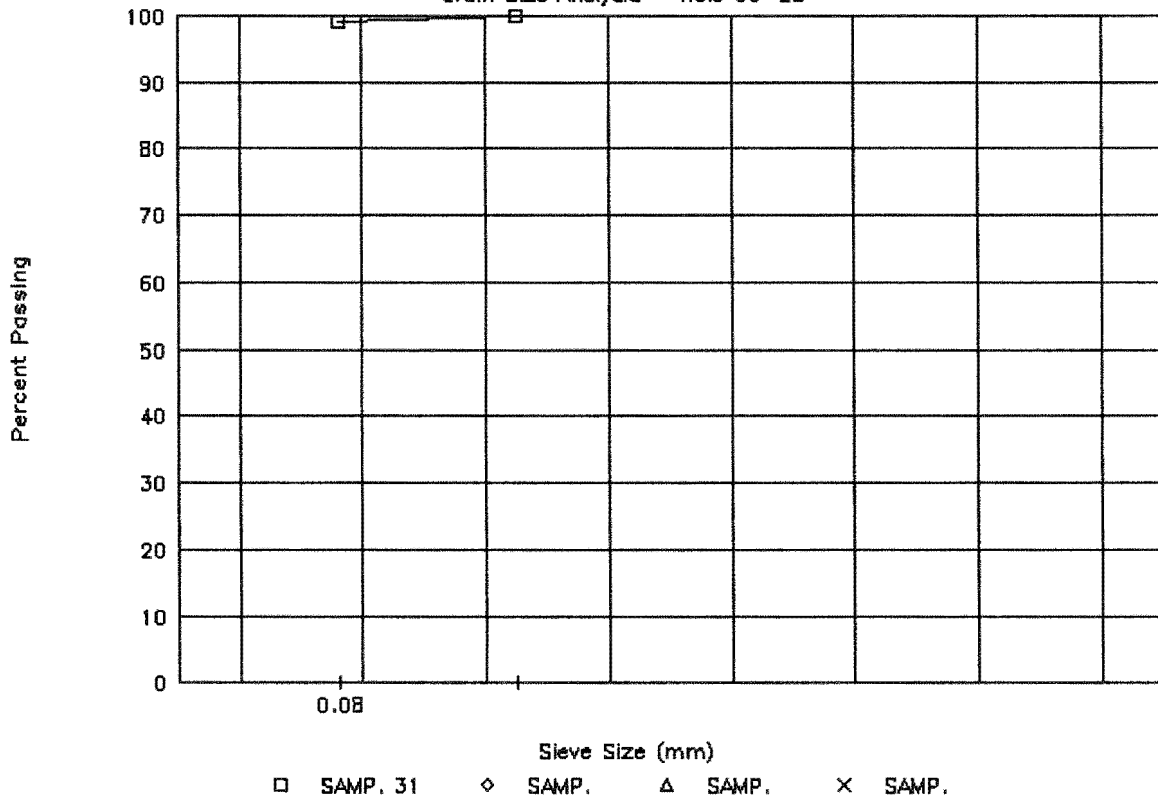
# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-27



# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-28



PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-29  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.08

FIELD NO: 32  
 LAB NO: 3036  
 DEPTH: 0.2-1.5  
 TYPE: BULK

FIELD NO: 33  
 LAB NO: 3037  
 DEPTH: 1.5-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	100
2.5	--
2.0	99
1.25	--
0.840	--
0.630	--
0.420	97
0.315	--
0.160	--
0.150	--
0.080	92

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	48
2.5	--
2.0	38
1.25	--
0.840	--
0.630	--
0.420	18
0.315	--
0.160	--
0.150	--
0.080	4

M.C. (%): --

M.C. (%): --

LIMITS  
 LIQUID: 35.0  
 PLASTIC: 24.0  
 P.I.: 11.0

LIMITS  
 LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 0  
 % SAND: 8  
 % FINES: 92

% GRAVEL: 52  
 % SAND: 44  
 % FINES: 4

CLASSIFICATION:  
 LEAN CLAY (CL)

CLASSIFICATION:  
 POORLY GRADED  
 GRAVEL WITH SAND  
 (GP)

PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-30  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.08

FIELD NO: 34  
 LAB NO: 3038  
 DEPTH: 0.3-2.7  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	45
2.5	--
2.0	32
1.25	--
0.840	--
0.630	--
0.420	14
0.315	--
0.160	--
0.150	--
0.080	3

M.C. (%): --

LIMITS

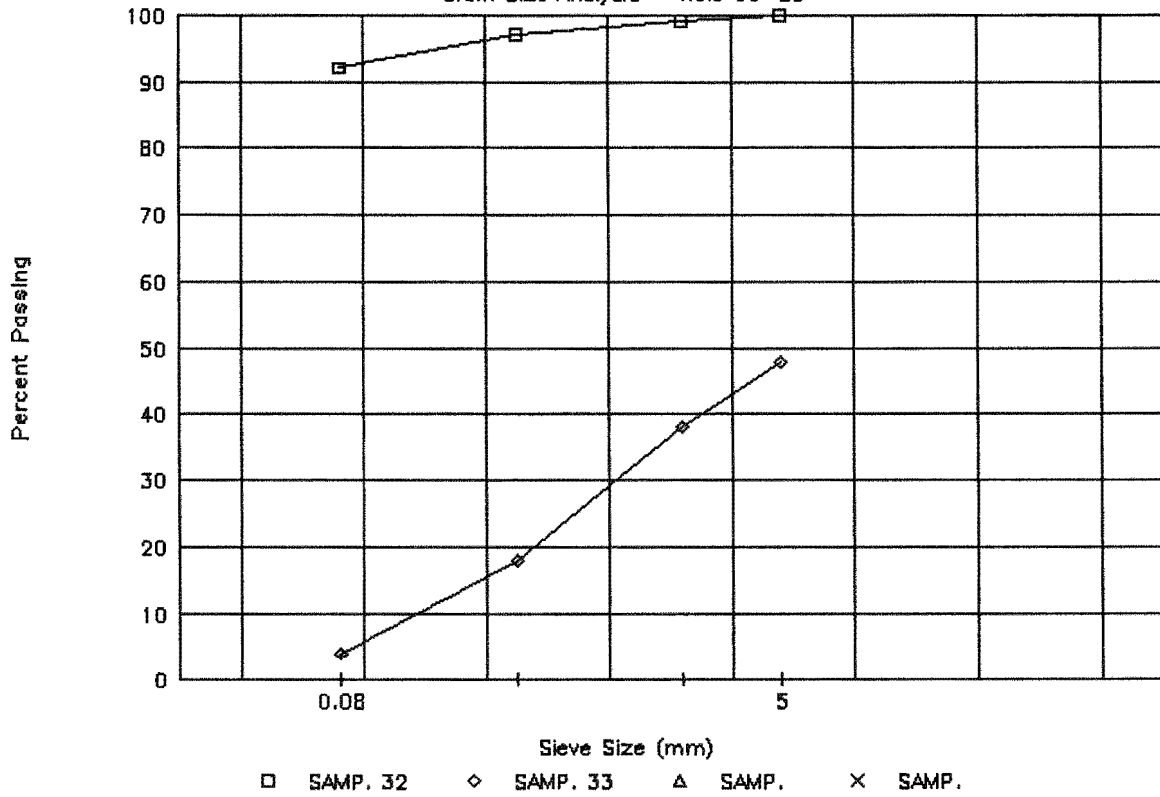
LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 55  
 % SAND: 42  
 % FINES: 3

CLASSIFICATION:  
 POORLY GRADED  
 GRAVEL WITH SAND  
 (GP)

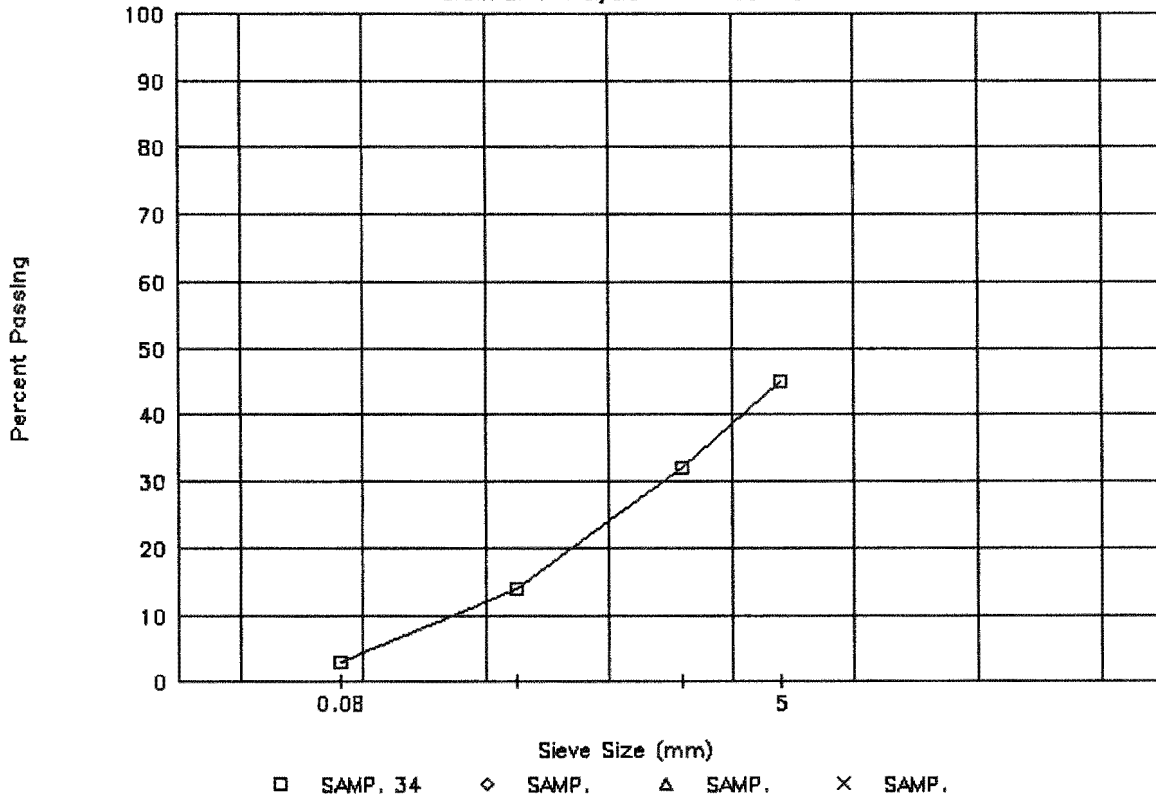
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## Grain Size Analysis - Hole 66-29



# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-30



PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-31  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.08

FIELD NO: 35  
 LAB NO: 3039  
 DEPTH: 0.3-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	28
2.5	--
2.0	20
1.25	--
0.840	--
0.630	--
0.420	6
0.315	--
0.160	--
0.150	--
0.080	3

M.C. (%): --

LIMITS

LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 72  
 % SAND: 25  
 % FINES: 3

CLASSIFICATION:  
 POORLY GRADED  
 GRAVEL WITH SAND  
 (GP)

PROJECT NUMBER: 092-202199-0501-194 HOLE NUMBER: 66-32  
 CLIENT: ENGINEERING-CAPITAL  
 PROJECT NAME: FREEGOLD ROAD RECONSTRUCTION  
 PROJECT LOCATION: KM 0.000-5.100  
 DRILL UNIT: D7 BACKHOE  
 HOLE LOCATION: SEE PLAN  
 LOGGED BY: JM DATE COMPLETED: 66.04.08

FIELD NO: 36  
 LAB NO: 3040  
 DEPTH: 0.3-3.1  
 TYPE: BULK

SIEVE SIZE	PERCENT PASSING
100.0	--
80.0	--
50.0	--
31.5	--
25.0	--
20.0	--
12.5	--
10.0	--
5.0	28
2.5	--
2.0	20
1.25	--
0.840	--
0.630	--
0.420	6
0.315	--
0.160	--
0.150	--
0.080	3

M.C. (%): --

LIMITS

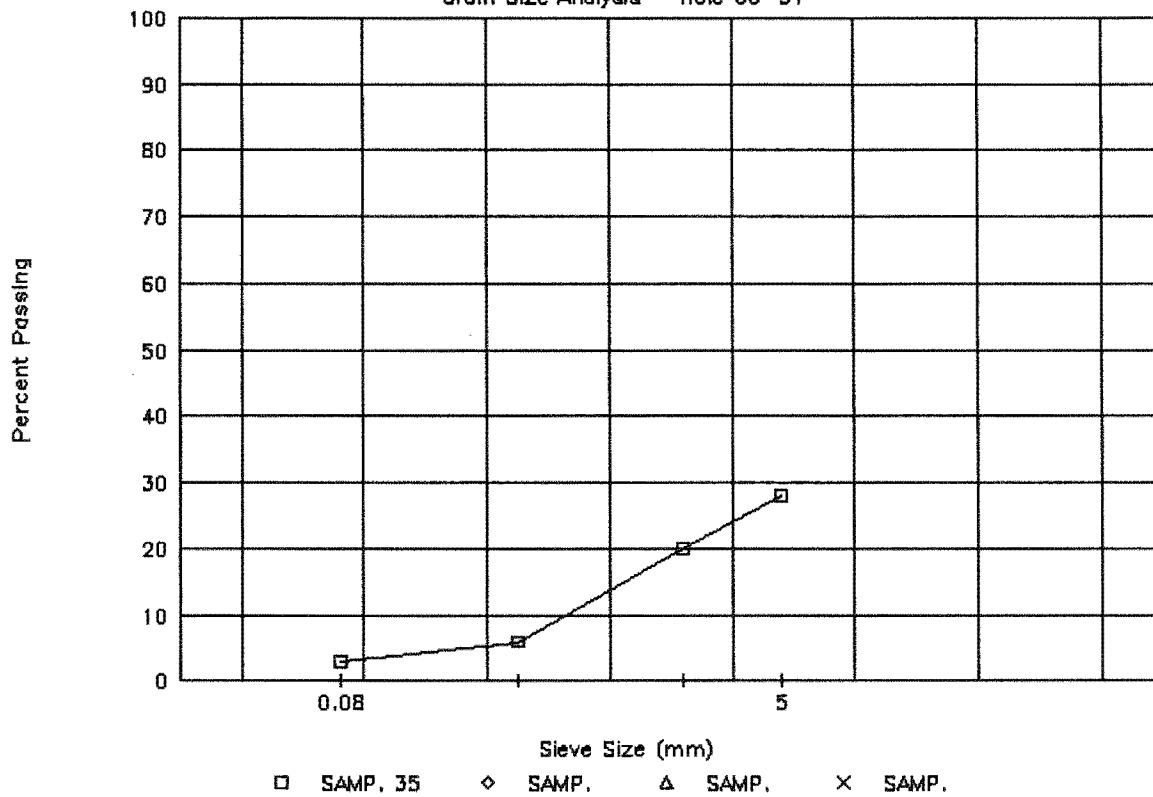
LIQUID: --  
 PLASTIC: --  
 P.I.: N.P.

% GRAVEL: 72  
 % SAND: 25  
 % FINES: 3

CLASSIFICATION:  
 POORLY GRADED  
 GRAVEL WITH SAND  
 (GP)

# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-31



# Y.T.G. TRANSPORTATION ENGINEERING

## Grain Size Analysis - Hole 66-32

