

23-2

**DRAWING NUMBER: 20564-3** 

PROJECT: AGGREGATE ASSESSMENT

LOCATION: SW 13-52-03 W3M, NEAR SHELLBROOK, SK

NORTHING (m): 5926873

**EASTING (m): 412377** 

**ELEVATION (m): 466.1 (+/-1.0)** 

**DATE DRILLED: JULY 14/23** 

SHELBY TUBE SAMPLE TYPE:  $\boxtimes$ SPLIT SPOON **CUTTINGS** WATER LEVELS PLASTIC LIMIT (%) COMPRESSIVE STRENGTH (KPa) After Drilling LIQUID LIMIT (%) UNIT WEIGHT (kN/m²) SPT (N) BLOWS/ 300 mm STRATIGRAPHY WATER CONTENT (%) SAMPLE TYPE During Drilling DEPTH (m) DEPTH (m) DESCRIPTION 0-0 TOPSOIL CAND, some silt, trace gravel, compact, well graded, fine to coarse grained, moist, mottled grey and brown. GRAVEL AND SAND, some silt, dense, well graded, fine to coarse grained, wet, brown, cobbles and boulders, seepage, sloughing. 2 3 "空"在"空"。"空"。是"空"。是"空"。 5 6-6 1. Test Pit Terminated at 2.5 m due to large outsides and busides SUFFT 1 OF1



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M	P.MACHIBRODA ENGINEERING LTD.
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23-3

DRAWING NUMBER: 20564-4

<b>PROJ</b>	ECT: AG	GREGATE	ASSESSI	/IENT

LOCATION: SW 13-52-03 W3M, NEAR SHELLBROOK, SK

**ELEVATION (m):** 465.3 (+/-1.0)

**DATE DRILLED: JULY 14/23** 

**EASTING (m): 412375** NORTHING (m): 5926945 SHELBY TUBE  $\boxtimes$ SPLIT SPOON SAMPLE TYPE: 🖊 **CUTTINGS** WATER LEVELS PLASTIC LIMIT (%) After Drilling LIQUID LIMIT (%) UNIT WEIGHT (kN/m³) SPT (N) BLOWS/ 300 mm STRATIGRAPHY SAMPLE TYPE WATER CONTENT (%) During Drilling DEPTH (m) DEPTH (m) **DESCRIPTION** 0-TOPSOIL

wet, seepage, sloughing below 1.0 m.

SAND, some silt, trace gravel, compact, well graded, fine to coarse

grained, moist, mottled grey and brown.

GRAVEL AND SAND, some silt, dense, well graded, fine to coarse grained, wet, brown, cobbles, boulders, seepage, sloughing.

1. Test Pit Terminated at 2.5 m due to excessive sloughing.



23-4

**DRAWING NUMBER: 20564-5** 

PROJECT: AGGREGATE ASSESSMENT

LOCATION: SW 13-52-03 W3M, NEAR SHELLBROOK, SK

			_								
NORT	HING	(m): 5926996 EASTING (m): 412375 ELEVATION (I	m): 4	165.5 (	(+/-1.0)	D	ATE	DRIL	LED:	JULY	14/2
SAMP	LE TY	PE: CUTTINGS SPLIT SPOON	S	HELB	Y TUI	3E					
<b>DEPTH</b> (m)	STRATIGRAPHY	WATER LEVELS  ▼ After Drilling  □ During Drilling  DESCRIPTION	SAMPLE TYPE	SPT (N) BLOWS/ 300 mm	WATER CONTENT (%)	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	UNIT WEIGHT (kN/m³)	COMPRESSIVE STRENGTH (KPa)	POCKET PEN. (kg/cm²)	DEPTH (m)
0-		TOPSOIL  SAND, silty, dense, poorly graded, fine grained, moist, mottled grey and									(
1-	000000000000000000000000000000000000000	GRAVEL AND SAND, some silt, dense, well graded, fine to coarse grained, moist, brown, cobbles, boulders.	/	7							
3-		wet, seepage, sloughing below 2.0 m.									N.

NOTE:

1. Test Pit Terminated at 2.0 m due to large cobbles and boulders and excessive sloughing.

SHEET 1 OF1

6-



23-5

**DRAWING NUMBER: 20564-6** 

PROJECT: AGGREGATE ASSESSMENT

LOCATION: SW 13-52-03 W3M, NEAR SHELLBROOK, SK

**EASTING (m): 412353** 

**ELEVATION (m):** 465.9(+/-1.0)

DATE DRILLED: JULY 14/23

DEPTH (m)

**NORTHING (m):** 5927020 SAMPLE TYPE: CUTTINGS SHELBY TUBE  $\boxtimes$ SPLIT SPOON WATER LEVELS PLASTIC LIMIT (%) After Drilling LIQUID LIMIT (%) UNIT WEIGHT (kN/m³) SPT (N) BLOWS/ 300 mm STRATIGRAPHY SAMPLE TYPE During Drilling DEPTH (m) **DESCRIPTION** TOPSOIL SAND, some silt, some gravel, dense, well graded, fine to coarse grained, moist, brown. gravelly, cobbles and boulders below 1.5 m, 2. wet, seepage, sloughing below 2.0 m.

1. Test Pit Terminated at 2.0 m due to large cobbles and boulders.

SHEET 1 OF1

6-



23-6

DRAWING NUMBER: 20564-7

PROJECT: AGGREGATE ASSESSMENT

IORT	HING	(m): 5927099	EASTIN	G (m):	41236	1	ELEVA	TION (n	า)։ 4	65.2(-	<b>⊦/-1.0</b> )	D	ATE	DRILI	LED:	JULY	14/2
AMP	LE T	PE: CUTTIN	GS	$\boxtimes$	SPLIT	T SPOC	N		Sł	HELB	Y TUI	3E					
DEPTH (m)	STRATIGRAPHY	WATER LEVELS  ▼ After Drilling ▼ During Drilling	DES	CRIP	TION				SAMPLE TYPE	SPT (N) BLOWS/ 300 mm	WATER CONTENT (%)	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	UNIT WEIGHT (kN/m³)	COMPRESSIVE STRENGTH (kPa)	POCKET PEN. (kg/cm²)	DEPTH (m)
0-		TOPSOIL															
1-		SAND, some silt, trac grained, moist, grey.	æ gravel, de	ense, we	ell grade	d, fine to	coarse										
2-		SAND, gravelly, trace grained, moist, brown	e silt, very de ı, cobbles ar	ense, w	ell grade ders.	ed, fine to	coarse	2									
3-		GLACIAL TILL					- DISSERVE	or C A			- 90	- T					
4-																	



23-7

M	JE	NGINEERING LTD.	DRAW	ING	NUN	IBER	: 20	564-	8			
PROJE	CT:	AGGREGATE ASSESSMENT										
LOCAT	TION:	SW 13-52-03 W3M, NEAR SHELLBROOK, SK										
NORTI	HING	(m): 5927174 EASTING (m): 412378 ELEV	ATION (n	1): 4	65.2(+	/-1.0)	D	ATE	DRILI	LED:	JULY	14/23
SAMP	LE TY	(PE:  ☐ CUTTINGS  ☐ SPLIT SPOON		SI	HELB'	Y TUE	BE					
DEРТН (m)	STRATIGRAPHY	WATER LEVELS  ▼ After Drilling  □ During Drilling  DESCRIPTION		SAMPLE TYPE	SPT (N) BLOWS/ 300 mm	WATER CONTENT (%)	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	UNIT WEIGHT (kN/m³)	COMPRESSIVE STRENGTH (kPa)	POCKET PEN. (kg/cm²)	, DEPTH (m)
0-		TOPSOIL  SAND. gravelly, some silt, very dense, well graded, fine to coarse										0-
1-		grained, moist, brown, cobbles and boulders.  SAND, some silt, dense, poorly graded, fine grained, moist, whitis brown.		7								1-
2-		SAND, gravelly, some silt, very dense, well graded, fine to coarse grained, moist, brown, cobbles and boulders, sloughing.										2
3-				は、一人の人の人の人の人								3
NOTI	E: et Pit T	erminated at 2.5 m due to large cobbles and boulders and sloughing.							ű			



23-8

DRAWING NUMBER: 20564-9 **PROJECT: AGGREGATE ASSESSMENT** LOCATION: SW 13-52-03 W3M, NEAR SHELLBROOK, SK **DATE DRILLED: JULY 14/23** ELEVATION (m): 464.9(+/-1.0) **NORTHING (m):** 5927288 **EASTING (m): 412361** SHELBY TUBE M SPLIT SPOON SAMPLE TYPE: **CUTTINGS** WATER LEVELS PLASTIC LIMIT (%) SPT (N) BLOWS/ 300 mm After Drilling LIQUID LIMIT (%) UNIT WEIGHT (kN/m³) STRATIGRAPHY SAMPLE TYPE □ During Drilling DEPTH (m) DEPTH (m) **DESCRIPTION** TOPSOIL SAND, some silt, dense, poorly graded, fine to medium grained, moist, SAND, gravelly, trace silt, dense, well graded, fine to coarse grained, moist, brown, cobbles and boulders. wet, seepage, sloughing below 2.0 m. 2 6-

NOTE:

1. Test Pit Terminated at 2.5 m due to large cobbles and boulders and sloughing.



**TEST PIT** 23-9

DRAWING NUMBER: 20564-10

PROJECT: AGGREGATE ASSESSMENT

LOCATION: SW 13-52-03 W3M, NEAR SHELLBROOK, SK

**ELEVATION (m):** 464.1(+/-1.0)

DATE DRILLED: JULY 14/23 **EASTING (m): 412360** NORTHING (m): 5927409 SHELBY TUBE  $\boxtimes$ SPLIT SPOON SAMPLE TYPE: CUTTINGS WATER LEVELS After Drilling LIQUID LIMIT (%) UNIT WEIGHT (kN/m³) SPT (N) BLOWS/ 300 mm STRATIGRAPHY PLASTIC LIMIT SAMPLE TYPE □ During Drilling DEPTH (m) DEPTH (m) **DESCRIPTION** TOPSOIL SAND, some silt, dense, poorly graded, fine to medium grained, moist, mottled grey and brown. some gravel, cobbles and boulders, wet, seepage, sloughing below 2-6-6-

NOTE:

1. Test Pit Terminated at 2.5 m due to large cobbles and boulders and sloughing.



23-10

M	JĒ	NGINEERING LTD.	DRAW	/INC	NUI	MBER	: 20	564-	11			
PROJI	ECT:	AGGREGATE ASSESSMENT										
LOCA	TION:	SW 13-52-03 W3M, NEAR SHELLBROOK, SK										
NORT	HING	(m): 5927469 EASTING (m): 412293 ELEVA	TION (n	n): 4	65.5(	+/-1.0)	D	ATE	DRIL	LED:	JULY	14/23
SAMP	LE T	(PE: CUTTINGS SPLIT SPOON		SI	HELB	Y TUE	3E					
DEРТН (m)	STRATIGRAPHY	WATER LEVELS  ▼ After Drilling ▼ During Drilling  DESCRIPTION		SAMPLE TYPE	SPT (N) BLOWS/ 300 mm	WATER CONTENT (%)	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	UNIT WEIGHT (kN/m³)	COMPRESSIVE STRENGTH (kPa)	POCKET PEN. (kg/cm²)	DEPTH (m)
0- 1- 2- 3-		SAND, silty, dense, poorly graded, fine grained, moist, mottled grey brown.  some silt, trace gravel, cobbles and boulders below 1.0 m.  some gravel, trace silt below 2.0 m.  wet, seepage, sloughing at 2.7 m. GLACIAL TILL	y and									3-3-6
											SHEE	T 1 OF1

23-11

DRAWING NUMBER: 20564-12

<b>PROJECT:</b> AGGREGATE ASSE	SSM	<b>JENT</b>
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LOCATION: SW 13-52-03 W3M, NEAR SHELLBROOK, SK

**NORTHING (m):** 5927445 **EASTING (m): 412208 ELEVATION (m):** 465.9 (+/-1.0) **DATE DRILLED: JULY 14/23** SAMPLE TYPE:  $\boxtimes$ CUTTINGS SPLIT SPOON SHELBY TUBE WATER LEVELS After Drilling PLASTIC LIMIT (%) LIQUID LIMIT (%) STRATIGRAPHY SPT (N) BLOWS/ 300 mm UNIT WEIGHT (kN/m²) SAMPLE TYPE □ During Drilling DEPTH (m) DEPTH (m) **DESCRIPTION** 0-GRAVEL, sandy, trace silt, very dense, well graded, fine to coarse grained, moist, brown, cobbles and boulders.

#### NOTE

1. Test Pit Terminated at 2.5 m due to large cobbles and boulders.



23-12

DRAWING NUMBER: 20564-13 PROJECT: AGGREGATE ASSESSMENT LOCATION: SW 13-52-03 W3M, NEAR SHELLBROOK, SK **DATE DRILLED: JULY 14/23 ELEVATION (m):** 467.2 (+/-1.0) **EASTING (m):** 412204 NORTHING (m): 5927324 SHELBY TUBE SPLIT SPOON  $\boxtimes$ SAMPLE TYPE: CUTTINGS WATER LEVELS After Drilling LIQUID LIMIT (%) SPT (N) BLOWS/ 300 mm UNIT WEIGHT (KN/m³) PLASTIC LIMIT STRATIGRAPHY SAMPLE TYPE ☑ During Drilling **ОЁРТН (m)** DEPTH (m) **DESCRIPTION** GRAVEL, sandy, trace silt, very dense, well graded, fine to coarse grained, moist, brown, cobbles and boulders. wet, seepage at 1.8 m. GLACIAL TILL



**ELEVATION (m):** 466.3 (+/-1.0)

23-13

**DATE DRILLED: JULY 14/23** 

SHEET 1 OF1

DRAWING NUMBER: 20564-14

**PROJECT: AGGREGATE ASSESSMENT** 

WATER LEVELS

After Drilling

NOTE:

1. Test Pit Terminated at 3.0 m due to sloughing.

During Drilling

LOCATION: SW 13-52-03 W3M, NEAR SHELLBROOK, SK

**EASTING (m): 412256** 

NORTHING (m): 5927269  $\boxtimes$ SPLIT SPOON SAMPLE TYPE: **CUTTINGS** 

SHELBY TUBE

PLASTIC LIMIT (%) LIQUID LIMIT (%) SPT (N) BLOWS/ 300 mm UNIT WEIGHT (kN/m³) STRATIGRAPHY SAMPLE TYPE DEPTH (m) DEPTH (m) DESCRIPTION TOPSOIL GRAVEL, sandy, trace silt, very dense, well graded, fine to coarse grained, moist, brown, cobbles and boulders, sloughing. 3 6-6-



23-14

DRAWING NUMBER: 20564-15 PROJECT: AGGREGATE ASSESSMENT LOCATION: SW 13-52-03 W3M, NEAR SHELLBROOK, SK DATE DRILLED: JULY 14/23 ELEVATION (m): 467.9 (+/-1.0) EASTING (m): 412252 NORTHING (m): 5927176 SHELBY TUBE SPLIT SPOON  $\boxtimes$ SAMPLE TYPE: CUTTINGS WATER LEVELS PLASTIC LIMIT (%) After Drilling LIQUID LIMIT (%) SPT (N) BLOWS/ 300 mm UNIT WEIGHT (kN/m³) STRATIGRAPHY SAMPLE TYPE POCKET PEN. (kg/cm²) During Drilling DEPTH (m) DEPTH (m) DESCRIPTION TOPSOIL GRAVEL, sandy, trace silt, dense, well graded, fine to coarse grained, moist, brown, cobbles and boulders. 2 6-

NOTE:

1. Test Pit Terminated at 2.0 m due to large cobbles and boulders.

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	M	ENGINEERING	LTD.

**TEST PIT** 23-15

DRAWING NUMBER: 20564-16

PROJECT: AGGREGATE ASSESSMENT

LOCATION: SW 13-52-03 W3M, NEAR SHELLBROOK, SK

**DATE DRILLED: JULY 14/23** ELEVATION (m): 470.4 (+/-1.0) **EASTING (m): 412210** NORTHING (m): 5927075 SHELBY TUBE SPLIT SPOON  $\boxtimes$ SAMPLE TYPE: **CUTTINGS** WATER LEVELS PLASTIC LIMIT (%) SPT (N) BLOWS/ 300 mm LIQUID LIMIT (%) After Drilling UNIT WEIGHT (kN/m³) SAMPLE TYPE STRATIGRAPHY **DEPTH** (m) During Drilling DEPTH (m) **DESCRIPTION** TOPSOIL GRAVEL. sandy, trace silt, dense, well graded, fine to coarse grained, moist, brown, cobbles and boulders. 6-

1. Test Pit Terminated at 2.0 m due to very large cobbles and boulders.

P.	_			BROD				TE	ST	PIT	1	2	3-16				
Lim	L E	NGIN	EERI	NG LT	D.			DRA	WIN	G NU	MBE	<b>R</b> : 2	0564	-17			
PROJ	ECT:	AGGREG	ATE ASSI	ESSMENT													
LOCA	TION	:SW 13-52	2-03 W3N	I, NEAR SHE	ELLBR	ROOK, SK											
NORT	THING	i (m): 5926	6966	EASTING	(m):	412190	ELEV	ATION (	m):	470.7	(+/-1.0	) [	PATE	DRIL	LED:	JULY	14/23
SAMF	LE T	YPE: 🖊	CUTTIN	igs		SPLIT SP	OON		s	HELB	Y TU	BE					
DEР\TH (m)	STRATIGRAPHY	WATER L  _▼ After I  _▼ During	Drilling	DESC	RIPT	TION			SAMPLE TYPE	SPT (N) BLOWS/ 300 mm	WATER CONTENT (%)	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	UNIT WEIGHT (kN/m³)	COMPRESSIVE STRENGTH (kPa)	POCKET PEN. (kg/cm²)	DЕРТН (m)
3		grained, m	oist, brown,	e silt, very den cobbles and b	n.	ell graded, fir									Os		3
NOTE: 1. Test P	Pit Term	inated at 3,0 r	m due to exc	essive sloughing	<b>)</b> .										SI SI	4FFT 1	OE1



Project:

Aggregate Assessment

Location:

Near Shellbrook, SK

Project No.:

20564

Source:

23-11

Sample No.:

14

Depth(m):

0 - 2.5

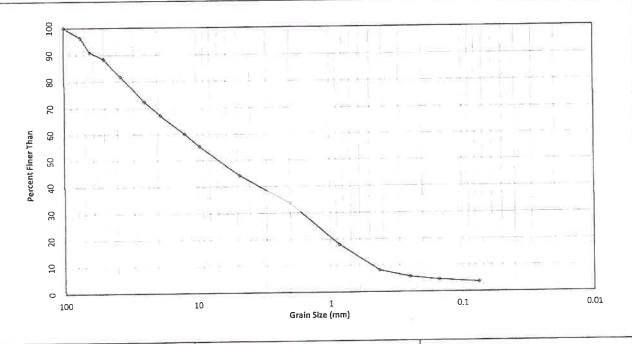
Specification:

Sieve Analysis:	Sieve Des	igantion				Other Laboratory Test:
	U.S.	Standard	%	Spec	ification	***
	Alternative	mm	Finer	Max	Min	Laboratory Determination of Water (Moisture) Content of Soil and Rock
	8 in.	200.000	100		91	by Mass (ASTM D2216)
	4 in.	100.000	100			Moisture Content (As Received): 2.7%
	3 in.	75.000	96			
	2 in.	50 000	88			
	1 in.	25,000	72			
	3/4 in.	19.000	67			
	1/2 in.	12.500	60			
	3/8 in.	9.500	55			
	No. 4	4.750	44			
	No, 10	2.000	34			
	No. 20	0.850	18			
	No. 40	0.425	8.1			
	No. 60	0.250	5.6			
	No. 100	0.150	4.5			
	No. 200	0.075	3.5			

## Material Description:

% Gravel Sizes	% Sand Sizes	% Silt and Clay Sizes
56	41	3.5

### Remarks:





DRAWING NO.

WE CERTIFY TESTING FAUCEDURES ARE IN ACCORDANCE
WITH STIM C126, C117 AND 02216 5" AND ARDS
F, MACHINER TO A ENGINEERING TRO

PER Praction Schergeville



Project:

Aggregate Assessment

Location:

Near Shellbrook, SK

Project No.:

20564

Source:

23-13 16

Sample No.: Depth(m):

0 - 3.0

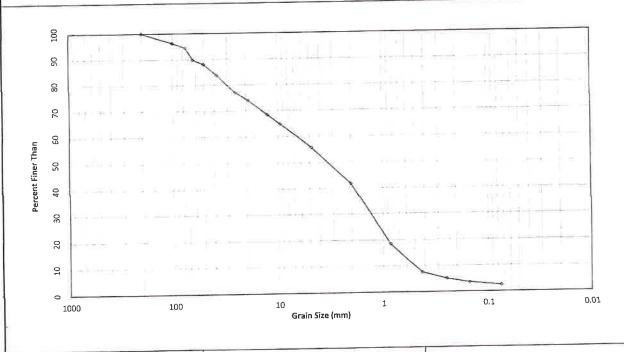
Specification

ieve Analysis:	Sieve Des	igantion		Other Laboratory Test:						
	U.S.	Standard	%	Spec	ification					
	Alternative	mm	Finer	Max	Min	Laboratory Determination of Water (Moisture) Content of Soil and Rock				
	8 in,	200,000	100			by Mass (ASTM 02216)				
	4 in.	100.000	96			Moisture Content (As Received): 1.7%				
	3 in.	75.000	94							
	2 in.	50,000	88							
	1 in_	25.000	77							
	3/4 in	19,000	74							
	1/2 in.	12.500	68							
	3/8 in.	9.500	65							
	No. 4	4.750	56							
	No. 10	2.000	42							
	No. 20	0.850	18							
	No. 40	0.425	7.4							
	No. 60	0.250	5.0							
	No. 100	0.150	3.5							
	No. 200	0.075	2.4							

Material Description:

		1 01 01 01 01
% Gravel Sizes	% Sand Sizes	% Silt and Clay Sizes
% Graver Sizes	E2	2.4
1.0	23	

Remarks:





DRAWING NO.

WE CERTIFY TESTING PROCEDURES ARE IN ACCORDANCE
WITH ASTMICTRE, CTT7 AND DR216 STANDARDS
P. MACHIBRODA ENGINEERING ETO.

PER Prestoro Belenquista



Project:

Aggregate Assessment

Location:

Near Shellbrook, SK

Project No.:

20564 23-14

Source:

17

Sample No.: Depth(m):

0.10 - 2.0

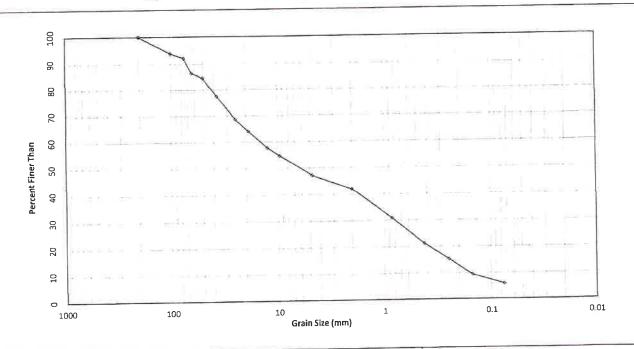
Specification:

specification:						
Sieve Analysis:	Sieve Des	igantion				Other Laboratory Test:
	U.S.	Standard	%	Specin	fication	
	Alternative	mm	Finer	Max	Min	
	8 in.	200.000	100			Laboratory Determination of Water [Moisture] Content of Soil and Rock
	4 in.	100,000	94			by Mass (ASTM D2216)
	3 in.	75.000	92			Moisture Content (As Received): 2.8%
	2 in	50.000	84			
	1 in.	25.000	69			
	3/4 in.	19.000	64			
	1/2 in.	12,500	58			
	3/8 in.	9,500	55			
	No. 4	4.750	47			
	No. 10	2.000	42			
	No. 20	0.850	31			
	No. 40	0.425	21			
	No. 60	0.250	15			
	No. 100	0.150	9.4			
	No. 200	0.075	5.7			

Material Description:

% Gravel Sizes	% Sand Sizes	% Silt and Clay Sizes
76 Graver 312es	,0 20110 01000	L
23	41	5.7

Remarks:





OR SKIWARD

WE CERTIFY TESTING PROCEDURES ARE IN ACCORDANCE WITH ASTMICTURE COLOR AND DIFFER TANDARDS P. MACHIBRODA ENGINEERING LTD.

PER PRENTOS Shergeints



Project:

Aggregate Assessment

Location:

Near Shellbrook, SK

Project No.:

20564

Source:

23-15 18

Sample No.: Depth(m):

0.15 - 2,0

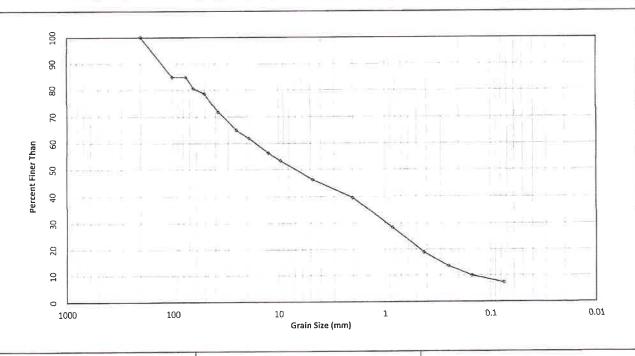
Specification:

Specification.						
Sieve Analysis:	Sieve Desigantion					Other Laboratory Test:
	US	Standard	%	Specifi	cation	
	Alternative	mm	Finer	Max	Min	Laboratory Determination of Water (Moisture) Content of Soil and Rock
	8 in.	200.000	100			by Mass (ASTM D2216)
	4 in.	100.000	85			Moisture Content (As Received): 4.3%
	3 in.	75.000	85			
	2 in.	50.000	79			
	1 in.	25.000	65			
	3/4 in	19.000	62			
	1/2 in	12.500	56			1
	3/8 in.	9,500	53			
	No.4	4.750	46			
	No. 10	2.000	40			
	No. 20	0.850	28			
	No. 40	0.425	19			
	No. 60	0.250	14			
	No. 100	0.150	9.9			
	No. 200	0.075	7.4			
l						

### Material Description:

% Gravel Sizes	% Sand Sizes	% Silt and Clay Sizes
54	39	7.4

## Remarks:



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DRAWING NO.

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Project:

Aggregate Assessment Near Shellbrook, SK

Location:

20564

Project No.: Source:

23-16

19

Sample No.: Depth(m):

0.10 - 3.0

Specification:

pecincation						_
Sieve Analysis:	Sieve Des	igantion				
	U.S.	Standard	%	Spec	ification	
	Alternative	mm	Finer	Max	Mín	_
	8 in.	200.000	100			
	4 in.	100.000	96			
	3 in.	75.000	94			
	2 in.	50.000	87			
	1 in.	25.000	72			
	3/4 in.	19.000	58			
	1/2 in.	12.500	60			
	3/8 in.	9.500	56			
	No. 4	4.750	45			
	No. 10	2.000	32			
	No. 20	0.850	16			
	No. 40	0.425	9.6			
	No. 60	0.250	6.6			
ľ	No. 100	0.150	4.6			
	No. 200	0.075	3.4			

Other Laboratory Test:

Laboratory Determination of Water [Moisture] Content of Soil and Rock

by Mass (ASTM D2216)

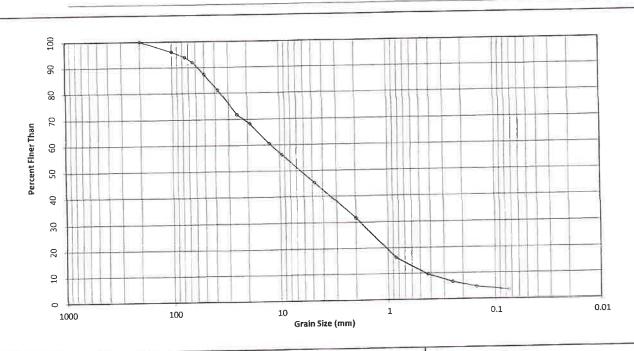
Moisture Content (As Received):

3.5%

Material Description:

% Sand Sizes	% Silt and Clay Sizes 3.4
	% Sand Sizes 42

Remarks:





DRAWING NO.

WE CERTIFY TESTING PROCEDURES ARE IN ACCORDANCE WITH ASTMICTUSE (C137 AND 02216 STANDAROS P. MACHIBRODA ENGINEERING LTD.

Proder Bolergeville