

SYSTEMS ENGINEERING BY
INTERNATIONAL GEOSYSTEMS CORP.

PAN OCEAN OIL LTD.

FORMAT VERSION : 6802

GEOLOGGED BY : JWP + BAO
DATE (YY/MM/DD): 810000
PROJECT NUMBER : J-S2

SEQ. NO OF SURVEY DATA	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH (DEG)	VERT. ANGLE (DEG)
1	30.00	165.90	-80.53
2	61.00	168.40	-80.30
3	91.00	172.90	-79.73
4	122.00	168.50	-78.50
5	152.00	166.30	-77.10
6	183.00	165.90	-75.65
7	213.00	160.60	-75.50
8	244.00	158.80	-74.77
9	274.00	156.00	-74.02
10	305.00	152.20	-73.43
11	335.00	150.50	-72.18
12	366.00	149.30	-70.37
13	396.00	149.20	-68.42
14	427.00	150.30	-67.95
15	457.00	154.50	-64.18
16	488.00	160.30	-62.45
17	518.00	160.40	-62.35
18	549.00	159.80	-60.82
19	579.00	159.30	-58.42
20	610.00	163.50	-51.73
21	640.00	170.80	-43.53
22	671.00	170.70	-41.83
23	701.00	171.10	-40.47
24	732.00	171.30	-39.50
25	762.00	171.40	-38.92
26	766.54	170.00	-39.50
27	778.72	170.00	-39.00
28	790.96	170.00	-38.50
29	803.15	170.00	-38.50
30	815.34	170.00	-38.25
31	827.53	170.00	-38.00
32	839.72	170.00	-38.00

F	- I N T E R V A L -	CORE	T- %	TYPE-	QUAL	TEX-	GRAIN		PGI	STRUCTUR-1	ALTERATION	MINS	ORE-TYPE	MINS	SUMMARY
K	L (UNITS = . DEC.PLACE)	RECUV-	M H ROCK	FLYING	RIM	TUPES	CHARACS			H H H H H ANY H H H ANY	ALT ORE				
F	A (M=METRIC FT=FOOTIC)	ERY	D I	TM TM	MAI	TX TX	F C % M	ARG	/RI	T ID STK DIP	A A A A A MIN A A A MIN	- - - -	- - - -	- - - -	- - - -
Y	G F R D A - I D - I N T (.)		D X TYPE	1	2 QM1	1	2 F F C A			1 AZM RT QZ FL CY CA BA XX PY CP GL YY	A 1 A 2				
K	F	ROCK	FM RT	TC QM2	TX TX	S C U D	CHT			T ID STK DIP MG MU CL SD QS HA PR MT SL HA					
E	L	QUAL	AGE FD- D LC- 3		3	4 U	/			2 AZM RT H H H H H H H H H H	1 1				
Y	G	DESIG	VIR COL				R C			STRUCTUR-2	A A A A A A A A A A	2 2			

/	178.00	184.64	5.64	x BRBT	OP6	R	BD	50	D★
L				3	N01				

	184.64	255.00	70.36	BRHM	NP4 P	D)
L					KL)	D-
R	184.64	255.00		ENTIRE INTERVAL INTERPRETED AS A SINGLE GENETIC UNIT. BASAL		
R	184.64	255.00		UNIT SLUMPED ARSIZARD FRAGMENTS IN AN ARGILLACEOUS MATRIX		
R	184.64	255.00		(2 -). THIS GRADES UPWARD WITH INCREASING % MATRIX AND %		
R	184.64	255.00		CHERT FRAGS AND DECREASING ARGILLITE CLAST SIZE. THIS REPRESENTS		
R	184.64	255.00		A 100M THICK SLUMP GRADING UPWARDS INTO A SEDIMENT FLOW OF		
R	184.64	255.00		INCREASING % MATRIX AS FRAGMENTS BECOME COMINUTED. MATRIX IS A		
R	184.64	255.00		DISTINCTIVE GRIT MACK OF CHERT AND FG SANDSTONE (QUARTZOSE		
R	184.64	255.00		WITH CARBONATE CEMENT) FRAGMENTS. CHERT IS SELECTIVELY		
R	184.64	255.00		PYRITIZED. MINOR SPHALERITE.		
/	211.55	213.06	1.53	X WEDG	R	
/	231.04	234.09	3.05	X WEDG	R	
/	255.00	341.40	86.40	BRHM	QT7 P	L*
L						
R	255.00	341.40		CHARACTERIZED BY SAND BANDED ARGILLITE FRAGMENTS IN AN ARGILLITE		
R	255.00	341.40		MATRIX. NOTABLE ABSENCE OF CHERT FRAGMENTS.		
/	261.52	262.74	1.22	X WEDG	R	
/	299.92	301.94	1.12	X WEDG	R	
/ FAL	309.40	314.55	5.15	X FAUL	R	V*
L						
R	309.40	314.55		ZONE OF VERY RUBBLY RECOVERY. LOCALLY CATACLASTIC		
R	309.40	314.55		GRANULAR CHARACTER IN MUDDY MATRIX. BRECCIATED ROCK WITH QZ-		
R	309.40	314.55		CARB FILLING IN UPPER PART.		
/	328.00	341.40	13.40	X BRHM	Q17 R	V) L* V*
L						V)
R	328.00	341.40		SECTION CUT BY NUMEROUS SD-QZ-PY (+PO,CP,SL) VEINS		
/	341.40	371.00	29.60	BRHM	PS5 P	D*
L					NO)	C-
R	341.40	371.00		FIVE PERCENT HETEROLITHIC FRAGMENTS OF WEB, FG TO CG SS,		
R	341.40	371.00		SELECTIVELY PYRITIZED. UPPER EXTENT OF CHLORITE COATING IS 350M		
R	341.40	371.00		0.6M WEB FRAGMENT.		
/	371.00	384.00	13.00	BRHM	ST8 P	V. C- V.
L						
R	371.00	384.00		ARST FRAGMENTS. MINOR QZ-CARB-PY VEINING DISRUPTED BY SOFT SED.		
R	371.00	384.00		DEFORMATION OF ARGILLITE IN SLUMP.		
/	384.00	413.00	29.00	BRAT	OS7 P	D*
L					LO2	C-
R	384.00	413.00		WEB (SAND TO 8CM CLASTS) VARIABLY DILUTED WITH ARGL FRAG.		
K UDF	384.00	384.00	0.00			

[illegible]

R	567.14	607.47	ZONES OF CHERT FRAGMENTS SHOWING IRREGULAR CONTACTS WITH ARGL/
R	567.14	607.47	ARSL FRAGMENTS. CHERT ZONES ARE UNSORTED SANDY BRECCIAS WITH

/	670.80	675.80	5.00	ARGL	SS LM 0 2 * 2	P	*D
1.				5			

773.45	786.62	12.67	BRHM CR PY *C1 DB FR	P	V(V(D1	V.
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K	F	F	R	D	M	-	T	D	-	I	N	1	RECOV	MD	%	ROCK	TR	TM	Q1	TX	TX	F	C	%	M	ARG	RI	1	ID	AZM	DIP	Q2	FL	CY	CA	BA	XX	PY	CP	GL	YY	A	1	A	2				
E	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y	G												R	N	D	AGE	EV	RG	LC	TM	Q2	TX	TX	S	C	D	O	CHT	2	ID	AZM	DIP	MG	MU	CL	SD	QS	HA	PR	MT	SL	HA							

R 773.95 786.62 INTERBEDDED ARG-CHELT CLAST SLUMPS. ARGCL WITH LAM FRAMBOIDAL PY
 R 773.95 786.62 BEDS OF CGBR TO 20 CM. SLUMPS WITH >20% CHERT FRAGS HAVE
 R 773.95 786.62 REPLACEMENT BY PY TO 30%.

/ 773.95 776.30 2.35 X ARGCL CR BX LM 08)8 R LM 30 V) V. X)

L
 R 773.95 776.30 EUXINIC CONDITIONS IMMEDIATELY PRIOR TO DEBOUCHING OF UPPER
 R 773.95 776.30 SULPHIDE ZONE. Q7-CA VEINS LIKELY TECTONIC TENSION FRACTURES
 R 773.95 776.30 DIFFUSE PY BANDS TO 3 CM.

/ 786.62 792.18 5.56 AKST PY CR 0 3 1 3 P LM 45

L
 R 786.62 792.18 DIFFUSE PY BANDS TO 3 CM, FRAMBOIDAL LAMINAE OF PY. > PY DOWN
 R 786.62 792.18 SECTION.

K US2 792.18 792.18 0.00

/ 792.18 794.24 2.06 BNSX PY GL FR LM P BD 40 V+ L) Q2 Q=
 L L)

R 792.18 794.24 BLENDS AND LAYERS OF CULLIFORM PY, GL REPLACES PY LOCALLY. BOTH
 R 792.18 794.24 CROSSCUT SL-BA LAM. 70% ARGILLITE. HI GL/SL.

/ 794.24 795.25 1.01 BNSX BA SL CH1 LM F9 P LM 60 L4 L) L=
 L GL PY L=

R 794.24 795.25 > GL UPWARDS.

/ 795.25 802.52 7.27 LMSX BA SL CH6 LM P LM 70 L+ L) V)
 L L+

R 795.25 802.52 VERY RHYTHMIC 0.5 TO 2 CM GREY CHERT BEDS INTERBEDDED WITH
 R 795.25 802.52 2-3 CM BANDS OF LAM SL-BA. % CH BEDS > DOWNSECTION. 5% Q2
 R 795.25 802.52 TENSION FRACTURES IN CHERT.

/ 802.52 806.70 4.18 BASX GL SL CH3 LM P BD 45 L) Q) Q2
 L L1

R 802.52 806.70 HIGH GRADE ZONE. SL AS CG PATCHES TO 20 CM FG MASSIVE LAM ZONES
 R 802.52 806.70 TO 25 CM, WITH INTERBEDDED RHYTHMIC 1-2 CM GREY CHERT BEDS AND
 R 802.52 806.70 2-5 CM ZONES OF LAM RED SL AND CHERT.

/ 803.13 803.91 0.78 X MSSX GL CH CH2 R Q3 Q3
 L
 R 803.13 803.91 BOTTLED GL-CARBONATE. PROXIMAL VENT TEXTURE.

/ 806.70 807.60 0.90 BNSX BA SL CH1 P BD 40 L2 Q+
 L L1

/ 807.60 808.61 1.01 LMSX SL PY CH6 P BD 50 D) D.
 L L=

R 807.60 808.61 BA-SL LAM 1-4 CM ZONES INTERBEDDED WITH 1-4 CM GREY CHERT BEDS.
 R 807.60 808.61 1% Q2 TENSION FRACTURES IN CHERT WITH FG TOURMALINE WEEDLES &
 R 807.60 808.61 AGGREGATE CLUSTERS.

/ 808.61 809.53 0.92 LMSX BA SL CH5 LM P BD 45 V) L4 L+ D.
 L L+

G E O L O G

A UMM
A TYP
A MTHRQD
CM
R-BSP.GR.
SG
WEIGH

A LAB

FLD

FLD

R ASY	0.00	0.00	RQD=RECOVERY(C17-20) IS MEASURED IN CM BLOCK TO BLOCK(B-B)	
R ASY	0.00	0.00	RQD=ROCK QUALITY DESIGNATOR(C27-32)MEASURED IN CM BLOCK TO BLOCK	
R ASY	0.00	0.00	RQD IS THE TOTAL LENGTH (BETWEEN BLOCKS) OF PIECES OF CORE	
R ASY	0.00	0.00	AT LEAST 2-1/2 TIMES DIAMETER OF CORE TO NEAREST CM, DIVIDED	
R ASY	0.00	0.00	BY LENGTH OF INTERVAL = BLOCK(TO) MINUS BLOCK(FROM)TIMES 100	
R ASY	0.00	0.00	CM INDICATES THAT MEASUREMENTS ARE IN CM'S WHICH ARE TO BE RIGHT	
R ASY	0.00	0.00	JUSTIFIED AGAINST THE DOUBLE VERTICAL LINE AT RIGHT MARGIN	
R ASY	0.00	0.00	OF EACH FIELD.	
R ASY	0.00	0.00	R-B=BLOCK-TO-BLOCK (ORILLERS BLOCKS). ENTER METRAGE OF ONE BLOCK	
R ASY	0.00	0.00	AS THE TO OF ANY INTERVAL AND THE METRAGE OF THE NEXT BLOCK.	
R ASY	0.00	0.00	ADDITIONAL POINTS (FROM-TO'S) CAN BE ESTABLISHED BETWEEN	
R ASY	0.00	0.00	BLOCKS TO BRACKET SPECIFIC INTERVALS OF LOCALIZED POOR	
R ASY	0.00	0.00	RECOVERY. R-B IS ENTERED RIGHT JUSTIFIED IN EACH FIELD IN	
R ASY	0.00	0.00	THE AMTH HEADER.	
R ASY	0.00	0.00	THE FIRST INTERVAL, THROUGH THE OVERBURDEN, WITH ZERO RECOVERY,	
R ASY	0.00	0.00	SHOULD BE ENTERED FIRST -- SEE BELOW.	
A 100	0.00	5.49	00	00
R ASY	0.00	5.49	OVERBURDEN	
A 100	5.49	6.71	112	69
A 100	6.71	8.23	145	68
A 100	8.23	9.75	152	89
A 100	9.75	11.28	145	20
A 100	11.28	12.80	133	76
A 100	12.80	15.85	217	138
A 100	15.85	18.90	262	152
A 100	18.90	19.81	45	0
A 100	19.81	23.47	250	89
A 100	23.47	26.82	261	158
A 100	26.82	29.87	292	92
A 100	29.87	32.92	291	232
A 100	32.92	35.97	299	169
A 100	35.97	36.58	40	36
A 100	36.58	39.01	243	230
A 100	39.01	42.06	271	169

A UMM A TYP A MTH A LAR				RDD CM 3-R FLO	SP.GR. SG WEIGH FLO
A 100	42.06	45.11	258	155	
A 100	45.11	48.16	294	217	
A 100	48.16	51.21	305	170	
A 100	51.21	54.25	296	204	
A 100	54.25	57.30	287	188	
A 100	57.30	60.35	300	240	
A 100	60.35	63.40	279	232	
A 100	63.40	66.14	00	00	
R ASY	63.40	66.14	WEDGE GROOVE		
A 100	66.14	67.97	115	38	
A 100	67.97	70.41	229	114	
A 100	70.41	72.54	200	164	
A 100	72.54	74.57	175	94	
A 100	74.57	76.81	217	138	
A 100	76.81	77.42	61	00	
A 100	77.42	79.25	168	85	
A 100	79.25	81.69	244	170	
A 100	81.69	82.11	42	14	
A 100	82.11	82.60	49	00	
A 100	82.60	84.73	164	131	
A 100	84.73	87.78	258	176	
A 100	87.78	90.83	305	193	
A 100	90.83	93.27	191	129	
A 100	93.27	93.88	61	81	
A 100	93.88	96.62	271	127	
A 100	96.62	99.36	272	178	
A 100	99.36	100.89	117	13	
A 100	100.89	103.02	213	152	
A 100	103.02	105.16	178	97	
A 100	105.16	106.68	152	85	
A 100	106.68	108.51	151	111	
A 100	108.51	109.12	61	59	
A 100	109.12	110.95	169	107	
A 100	110.95	112.17	122	75	
A 100	112.17	115.21	272	94	
A 100	115.21	118.26	305	166	
A 100	118.26	119.79	153	75	
A 100	119.79	121.31	147	106	
A 100	121.31	121.92	61	57	
A 100	121.92	124.36	221	146	
A 100	124.36	125.58	00	00	
R ASY	124.36	125.58	WEDGE GROOVE		
A 100	125.58	127.10	152	114	
A 100	127.10	128.63	143	95	
A 100	128.63	129.84	89	30	
A 100	129.84	130.45	00	00	
R ASY	129.84	130.45	GROUND		
A 100	130.45	132.59	214	232	
A 100	132.59	134.72	177	84	
A 100	134.72	135.94	122	52	
A 100	135.94	137.16	93	00	

A UMM	RQD	SP. GR.
A TYP	CM	SG
A MTH	B-B	WEIGH
A LAB	FLD	FLD

A 100	137.15	138.38	122	16
A 100	138.38	139.29	87	39
A 100	139.29	141.12	160	60
A 100	141.12	142.65	138	38
A 100	142.65	143.87	110	45
A 100	143.87	145.69	182	167
A 100	145.69	148.74	305	197
A 100	148.74	151.79	305	246
A 100	151.79	154.84	301	208
A 100	154.84	157.23	223	173
A 100	157.28	158.50	122	38
A 100	158.50	159.11	45	00
A 100	159.11	162.15	284	221
A 100	162.15	163.98	171	132
A 100	163.98	167.03	303	280
A 100	167.03	170.08	305	273
A 100	170.08	173.13	291	211
A 100	173.13	174.96	165	165
A 100	174.96	176.17	120	73
A 100	176.17	179.22	287	186
A 100	179.22	181.66	244	208
A 100	181.66	183.79	203	121
A 100	183.79	185.01	117	65
A 100	185.01	186.84	183	143
A 100	186.84	188.37	137	124
A 100	188.37	189.59	87	39
A 100	189.59	191.41	182	183
A 100	191.41	194.46	305	284
A 100	194.46	197.51	297	278
A 100	197.51	200.56	263	181
A 100	200.56	203.61	305	191
A 100	203.61	205.44	179	179
A 100	205.44	208.48	291	239
A 100	208.48	211.53	305	277
A 100	211.53	213.06	00	153
R ASY	211.53	213.06	WEDGE GROOVE	
A 100	213.06	214.58	152	147
A 100	214.58	216.41	161	118
A 100	216.41	218.85	221	215
A 100	218.85	221.89	304	296
A 100	221.89	224.94	305	289
A 100	224.94	227.99	305	324
A 100	227.99	231.04	305	262
A 100	231.04	234.09	112	305
R ASY	231.04	234.09	WEDGE GROOVE	
A 100	234.09	235.61	137	98
A 100	235.61	237.13	152	139
A 100	237.13	240.18	300	262
A 100	240.18	243.23	305	243
A 100	243.23	246.28	305	195
A 100	246.28	249.63	276	232

G E O L O G

A UMM

A TYP

A MTH

A LAR

RQD

CM

R-B

FLD

SP.GR.

SG

WEIGH

FLD

A 100	249.63	252.68	305	332
A 100	252.68	254.20	151	35
A 100	254.20	256.95	275	114
A 100	256.95	258.17	122	0
A 100	258.17	259.69	152	0
A 100	259.69	261.52	183	65
A 100	261.52	262.74	00	00
R ASY	261.52	262.74	WEDGE GROOVE	
A 100	262.74	264.26	152	153
A 100	264.26	266.09	155	129
A 100	266.09	269.14	296	187
A 100	269.14	269.44	22	22
A 100	269.44	272.49	190	163
A 100	272.49	275.54	305	158
A 100	275.54	278.59	303	251
A 100	278.59	281.64	304	249
A 100	281.64	284.68	294	268
A 100	284.68	287.73	300	294
A 100	287.73	290.78	302	275
A 100	290.78	293.83	305	188
A 100	293.83	296.88	297	282
A 100	296.88	299.92	301	250
R ASY	299.92	301.04	WEDGE REAM	
A 100	301.04	302.67	160	150
A 100	302.67	304.19	140	136
A 100	304.19	306.93	219	188
R ASY	306.93	307.23	GRIND	
A 100	307.23	309.98	242	172
A 100	309.98	311.20	122	00
A 100	311.20	312.12	25	00
A 100	312.12	313.33	121	00
A 100	313.33	313.61	28	00
R ASY	313.61	314.55	GRIND	
A 100	314.55	316.38	176	52
A 100	316.38	319.13	275	39
A 100	319.13	322.17	304	207
A 100	322.17	325.09	91	00
A 100	323.09	325.22	213	146
A 100	325.22	326.75	152	31
A 100	326.75	329.18	226	127
A 100	329.18	330.40	65	21
A 100	330.40	331.01	45	17
A 100	331.01	332.54	78	00
A 100	332.54	333.15	61	18
R ASY	333.15	334.06	GRIND	
A 100	334.06	336.50	122	85
R ASY	336.50	337.41	GRIND	
A 100	337.41	339.55	214	230
A 100	339.55	342.60	288	244
A 100	342.60	345.64	291	200
A 100	345.64	348.69	304	258

A UMM	RED	SP. GR.
A TYP	CM	SG
A MTH	B-F	WEIGH
A LAB	FLD	FLD

A 100	348.69	351.74	280	203
A 100	351.74	352.96	117	35
A 100	352.96	355.70	204	143
A 100	355.70	358.75		
A 100	358.75	361.80	273	229
A 100	361.80	362.10	27	27
A 100	362.10	364.54	220	187
A 100	364.54	367.59	305	268
A 100	367.59	368.20	54	46
A 100	368.20	371.25	267	150
A 100	371.25	372.79	136	83
A 100	372.79	374.60	127	00
A 100	374.60	375.21	36	00
A 100	375.21	376.12	62	31
A 100	376.12	376.73	45	17
A 100	376.73	377.95	107	21
A 100	377.95	379.48	132	51
A 100	379.48	380.70	79	35
A 100	380.70	381.61	57	00
A 100	381.61	382.22	61	00
A 100	382.22	382.83	9	00
A 100	382.83	383.44	46	17
A 100	383.44	383.74	13	00
A 100	383.74	386.79	271	172
A 100	386.79	387.10	30	00
A 100	387.10	390.14	282	224
A 100	390.14	391.36	101	39
A 100	391.36	392.58	97	49
A 100	392.58	395.63	269	194
A 100	395.63	398.07	183	127
A 100	398.07	399.29	89	00
A 100	399.29	400.20	91	41
A 100	400.20	401.12	90	23
A 100	401.12	402.64	108	66
A 100	402.64	403.56	70	24
A 100	403.56	404.16	38	00
A 100	404.16	405.99	140	35
A 100	405.99	406.60	61	75
A 100	406.60	408.13	123	56
A 100	408.13	409.96	140	92
A 100	409.96	412.70	200	193
A 100	412.70	415.75	231	156
A 100	415.75	417.27	84	11
A 100	417.27	418.19	34	00
A 100	418.19	420.01	73	00
A 100	420.01	420.93	75	53
A 100	420.93	421.84	57	00
A 100	421.84	424.59	98	74
A 100	424.59	426.11	81	33
A 100	426.11	427.63	83	00
A 100	427.63	429.16	67	19

A UMM				RDD	SP.GR.
A TYP				CM	SG
A MTH				B-B	WEIGH
A LAB				FLD	FLD
A 100	429.16	430.38	39	00	
A 100	430.38	432.51	134	99	
A 100	432.51	434.34	159	68	
A 100	434.34	436.78	162	134	
A 100	436.78	437.69	42	00	
A 100	437.69	438.91	41	00	
A 100	438.91	440.74	23	00	
A 100	440.74	442.26	94	27	
A 100	442.26	445.31	51	19	
A 100	445.31	447.14	98	94	
A 100	447.14	449.58	193	167	
A 100	449.58	452.63	277	256	
A 100	452.63	455.37	183	146	
A 100	455.37	455.68	13	00	
A 100	455.68	456.59	56	00	
A 100	456.59	457.50	61	42	
A 100	457.50	459.03	101	49	
A 100	459.03	461.16	170	110	
A 100	461.16	463.60	65	12	
A 100	463.60	465.12	95	56	
A 100	465.12	466.34	69	13	
A 100	466.34	467.87	91	00	
A 100	467.87	469.09	82	14	
A 100	469.09	469.70	33	00	
A 100	469.70	470.00	14	00	
A 100	470.00	471.83	135	48	
A 100	471.83	472.44	43	13	
A 100	472.44	474.88	110	00	
A 100	474.88	476.71	88	30	
A 100	476.71	477.01	24	00	
A 100	477.01	477.62	31	00	
A 100	477.62	478.23	20	00	
A 100	478.23	479.15	11	00	
A 100	479.15	480.36	65	00	
A 100	480.36	480.85	7	00	
A 100	480.85	481.28	9	00	
A 100	481.28	483.41	181	88	
A 100	483.41	484.63	00	00	
A 100	484.63	486.00	107	72	
A 100	486.00	487.93	105	00	
A 100	487.93	488.29	29	11	
A 100	488.29	489.51	109	00	
A 100	489.51	490.42	57	13	
A 100	490.42	491.03	58	00	
A 100	491.03	492.56	66	00	
A 100	492.56	493.47	77	00	
A 100	493.47	494.69	104	12	
A 100	494.69	495.91	79	17	
A 100	495.91	496.21	19	00	
A 100	496.21	496.82	13	00	
A 100	496.82	497.74	53	00	

A UMM				RDD	SP.GR.
A TYP				CM	SG
A MTH				R-B	WEIGH
A LAR				FLD	FLD
A 100	497.74	499.26	89	00	
A 100	499.26	499.57	19	00	
A 100	499.57	500.66	35	00	
A 100	500.66	501.77	30	00	
A 100	501.77	502.62	32	00	
A 100	502.62	502.92	26	00	
A 100	502.92	503.22	10	00	
A 100	503.22	504.14	20	00	
A 100	504.14	505.05	46	00	
A 100	505.05	505.66	30	00	
A 100	505.66	507.49	118	18	
A 100	507.49	508.41	35	00	
A 100	508.41	509.02	11	00	
A 100	509.02	510.24	42	00	
A 100	510.24	512.37	118	00	
A 100	512.37	513.89	137	124	
A 100	513.89	515.57	161	00	
A 100	515.57	516.94	102	00	
A 100	516.94	518.46	142	65	
A 100	518.46	519.99	148	62	
A 100	519.99	520.60	38	00	
A 100	520.60	522.12	87	28	
A 100	522.12	523.95	153	00	
A 100	523.95	525.48	142	15	
A 100	525.48	527.00	128	24	
A 100	527.00	528.83	147	00	
A 100	528.83	530.35	132	12	
A 100	530.35	531.57	98	00	
A 100	531.57	533.10	123	13	
A 100	533.10	534.31	78	00	
A 100	534.31	535.53	93	14	
A 100	535.53	537.06	121	24	
A 100	537.06	538.58	130	32	
A 100	538.58	540.11	116	52	
A 100	540.11	541.63	147	32	
A 100	541.63	543.15	137	13	
A 100	543.15	544.68	151	96	
A 100	544.68	546.20	101	00	
A 100	546.20	547.73	143	12	
A 100	547.73	549.55	180	104	
A 100	549.55	550.47	92	00	
A 100	550.47	553.52	292	180	
A 100	553.52	556.56	294	144	
A 100	556.56	559.31	273	109	
A 100	559.31	562.36	285	198	
A 100	562.36	564.49	202	73	
A 100	564.49	567.54	297	217	
A 100	567.54	567.84	27	21	
A 100	567.84	570.89	287	168	
A 100	570.89	573.94	301	159	
A 100	573.94	574.24	30	23	

A UMM				R/D	SP.GR.
A TYP				CM	SG
A MTH				R-R	WEIGH
A LAR				FLD	FLD
A 100	574.24	576.99	270	146	
A 100	576.99	578.82	183	78	
A 100	578.82	581.25	221	127	
A 100	581.25	583.69	223	136	
A 100	583.69	586.74	305	134	
A 100	586.74	588.26	152	00	
A 100	588.26	590.40	208	73	
A 100	590.40	593.45	292	219	
A 100	593.45	596.49	304	191	
A 100	596.49	599.54	267	201	
A 100	599.54	601.98	204	174	
A 100	601.98	602.59	61	62	
A 100	602.59	605.03	194	117	
A 100	605.03	607.47	240	166	
A 100	607.47	610.51	278	160	
A 100	610.51	613.56	272	170	
A 100	613.56	615.09	130	00	
A 100	615.09	618.13	270	96	
A 100	618.13	618.44	24	24	
A 100	618.44	619.66	105	28	
A 100	619.66	623.62	348	126	
A 100	623.62	626.97	282	230	
A 100	626.97	630.02	220	125	
A 100	630.02	633.07	285	152	
A 100	633.07	636.12	301	104	
A 100	636.12	639.17	286	104	
A 100	639.17	639.47	30	00	
A 100	639.47	642.52	268	117	
A 100	642.52	644.35	147	56	
A 100	644.35	645.57	75	56	
A 100	645.57	648.61	271	92	
A 100	648.61	651.66	270	155	
A 100	651.66	655.02	333	207	
A 100	655.02	656.23	00	00	
A 100	656.23	657.76	70	12	
A 100	657.76	659.28	152	52	
A 100	659.28	660.81	143	110	
A 100	660.81	664.16	335	120	
A 100	664.16	667.51	222	124	
A 100	667.51	669.65	191	96	
A 100	669.65	671.78	177	48	
A 100	671.78	675.13	316	187	
A 100	675.13	678.79	343	162	
A 100	678.79	681.23	220	67	
A 100	681.23	682.14	91	16	
A 100	682.14	685.19	303	120	
A 100	685.19	687.93	246	157	
A 100	687.93	691.29	240	179	
A 100	691.29	693.12	178	75	
A 100	693.12	696.77	302	203	
A 100	696.77	699.82	299	113	

A HMM				RQD	SP. GR.
A TYP				CM	SG
A MTH				H-8	WEIGH
A LAB				FLD	FLD
A 100	699.82	701.34	149	137	
A 100	701.34	704.70	314	155	
A 100	704.70	708.05	322	130	
A 100	708.05	711.40	318	155	
A 100	711.40	715.06	357	246	
A 100	715.06	718.11	297	88	
A 100	718.11	720.55	224	120	
A 100	720.55	722.99	227	36	
A 100	722.99	724.81	182	80	
A 100	724.81	727.86	299	97	
A 100	727.86	728.47	13	00	
R ASY	727.86	728.47			GROUND 60 CM
A 100	728.47	728.78	23	00	
A 100	728.78	732.13	335	109	
A 100	732.13	733.35	96	20	
A 100	733.35	736.70	323	191	
A 100	736.70	740.36	354	227	
A 100	740.36	742.49	209	110	
A 100	742.49	745.85	319	167	
A 100	745.85	749.20	320	203	
A 100	749.20	752.55	324	218	
A 100	752.55	753.77	118	50	
A 100	753.77	757.12	294	113	
A 100	757.12	760.78	356	279	
A 100	760.78	764.13	325	214	
A 100	764.13	767.79	366	258	
A 100	767.79	771.14	335	265	
A 100	771.14	773.58	232	114	
A 100	773.58	776.63	296	181	
A 100	776.63	779.68	280	190	
A 100	779.68	783.34	351	161	
A 100	783.34	785.47	212	177	
A 100	785.47	786.99	125	58	
A 100	786.99	788.21	100	00	
A 100	788.21	788.52	31	00	
A 100	788.52	790.35	183	126	
A 100	790.35	793.70	307	147	
A 100	793.70	797.05	303	183	
A 100	797.05	800.40	335	251	
A 100	800.40	801.01	61	48	
A 100	801.01	804.06	305	241	
A 100	804.06	804.67	59	26	
A 100	804.67	807.11	241	133	
A 100	807.11	810.16	298	230	
A 100	810.16	813.21	305	239	
A 100	813.21	816.25	288	205	
A 100	816.25	819.30	305	259	
A 100	819.30	822.35	297	237	
A 100	822.35	825.40	293	206	
A 100	825.40	828.45	295	198	
A 100	828.45	830.28	160	99	

G E O L O G

A UMM
 A TYP
 A MTH
 A LAR

RDD
 CM
 B-R
 FLD

SP.GR.
 SG
 WEIGH
 FLD

A 100	830.28	832.10	173
A 100	832.10	834.54	244
A 100	834.54	835.15	55
A 100	835.15	836.98	164
A 100	836.98	840.33	334
A 100	840.33	843.81	136
A 100	843.81	846.73	292
A 100	846.73	847.65	92

110
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29
129
32
242
63