Keg - Silver Range

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		599675	6912851	1707	274.93

ZONE: SNAP

SECTION:

HOLE: SNP-12-006

CLAIM: YD118171

Contractor: Beaudoin

Drill: 2

Core Size: BTW

Casing Depth: 11.28m, Out

Drilling Dates: Aug 08 - Aug 12, 2012

Geology Logged By: J. Builder

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	90	-45	Compass
271.88	90	-45.5	Ranger

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	11.28	11.28	CAS
11.28	274.93	263.65	GRN

SAMPLES	
Numbers:	M653182 to M653315
Total:	142
Batch:	032, 033, 034, 035
Certificates:	WH12193371, WH12194659, WH12195380, WH12195381

COMMENTS

Box Log

SNP-12-006

Silver Range
SNAP Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	11.28	24.44
2	24.44	29.75
3	29.75	35.66
4	35.66	42.54
5	42.54	46.77
6	46.77	52.37
7	52.37	57.8
8	57.8	64.31
9	64.31	69.35
10	69.35	75.16
11	75.16	80.4
12	80.4	85.41
13	85.41	90.91
14	90.91	96.45
15	96.45	102.08
16	102.08	107.51
17	107.51	112.65
18	112.65	117.5
19	117.5	123
20	123	128.53
21	128.53	134
22	134	139.29
23	139.29	144.87
24	144.87	150.12
25	150.12	155.48
26	155.48	161.09
27	161.09	166.5
28	166.5	172.06
29	172.06	177.52
30	177.52	182.6
31	182.6	188.2
32	188.2	192.33
33	192.33	197.63
34	197.63	203.06
35	203.06	206.44
36	206.44	212.45
37	212.45	218.49
38	218.49	223.95
39	223.95	229.53
40	229.53	235.05
41	235.05	240.5
42	240.5	246.12
43	246.12	251.91
44	251.91	257.44
45	257.44	262.34
46	262.34	267.93
47	267.93	272.72
48	272.72	274.93

Box Number	From (m)	To (m)

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	11.28	11.28	-?-	--	Casing, no recovery.							
						--	--	---	---	--	--	0
11.28	21.00	9.72	GRN	MG	Highly oxidized, rubbly granite with yellowish, clay texture coating on rubble faces (potential scoridite?, but no arsenopyrite seen). Recovery is poor.							
						--	YW	RB	OXI	4I	--	0
						--	GY	PH				
21.00	50.50	29.50	GRN	MG	Oxidized, rubbly and fractured granite with localized competent rock. Fractures are siliceous with no consistent orientation and host blebby sulphides, mainly pyrite with sphalerite and galena. Competent regions are weakly siliceous. Regions surrounding fractures show argillic and phyllic alterations. Intermittent (~10 cm in width) regions are soft and pale yellow, almost gougy with small (1-2mm) mica and sulphide "clasts". Clay alteration occurs locally with no excess mineralization.							
						DK	OR	FR	PHC	3I	Gn	1
						--	GY	PH	ARG	3I	Sp	2
						--	TN		OXI	3I	Py	3
									SIL	2I		
50.50	56.50	6.00	GRN	MG	Light to dark grey and mostly dark orange, competent, altered granite with localized weakly clay altered rubble. Less oxidized areas are weakly fractured, seldom hosting blebby sphalerite. Fractures are siliceous in composition as is surrounding host rock. Argillic and phyllic alterations are pervasive surrounding infill. Few fractures are lined thin, black powder (manganese oxide? Or potential sulphide powder?).							
						DK	OR		CLY	1I	Gn	1
						--	GY	PH	OXI	3I	Sp	2
									ARG	2I	Py	3
									SIL	2I		
									PHC	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
56.50	66.21	9.71	GRN	MG	Argillic and phyllic altered, fractured granite with localized oxidized regions. Siliceous fractures are pervasive, have no consistent orientation or width and host minor, blebby sphalerite.							
						LT	GN	FR	ARG	2I		
						--	GY	PH	OXI	2I	Sp	2
									PHC	2I		
66.21	75.00	8.79	GRN	MG	Argillic and phyllic altered, rubbly granite with localized competent rock. Rick is weakly fractured seldom hosting sphalerite. Localized, micaceous and siliceous pegmatitic bands are sparse.							
						LT	GN	RB	PHC	3I	Py	0.5
						LT	YW		OXI	2I		
						--	GY	PH	ARG	3I	Sp	0.1
						--	TN					
75.00	88.96	13.96	GRN	MG	Argillic and phyllic altered granite with regular siliceous fractures hosting fine grained pyrite and sphalerite. Fine grained pyrite is also found disseminated around fractures and as blebby infill replacement.							
						LT	GN		ARG	3I	Sp	1
						--	GY	PH	OXI	2I	Py	3
						--	TN		PHC	3I	Py	1
									SIL	3I		
88.96	96.19	7.23	GRN	MG	Weakly altered granite with regular siliceous infill. Few fractures are mineralized hosting fine grained pyrite and a black (potential sulphide?) powder that lacks any identifiable properties. Region also contains minor, localized grit.							
						LT	GN		PHC	2I		
						--	GY	PH	ARG	2I	Py	0.5
						--	TN		OXI	2I		
96.19	129.60	33.41	GRN	MG	Weakly argillic and phyllic altered, siliceous granite with seldom argillic altered fractures rarely hosting fine grained pyrite. Localized areas show micaceous banding.							
						--	GY	PH	ARG	1I	Py	0.1
						--	TN		PHC	1I		
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
129.60	143.80	14.20	GRN	MG	Argillic and phyllic altered siliceous granite with pervasive regions of localized grit. Hairline to 2mm siliceous fractures are also pervasive with no consistent orientation or widths. Fractures are seldom mineralized with weak pyrite and sphalerite; correlation can be seen between mineralized fractures and a softer, greenish alteration (potentially chlorite?). **135.39m to 135.50m shows an excess of mineralization in comparison to surroundings.**							
						--	GY	PH	ARG	3I	Py	2
						--	TN	FR	PHC	3I	Sp	1
									SIL	2I		
									OXI	2I		
143.80	151.76	7.96	GRN	MG	Very siliceous (post argillic and phyllic alterations) granite with several quartz fractures hosting pyrite and sphalerite. Rock surrounding fractures hosts weak, blebby pyrite and sphalerite. **147.68m to 147.86m is excessively mineralized compared to surroundings. Sulphides are fine grained infill replacement.**							
						--	TN	PH	ARG	3I	Py	3
						--	GY		PHC	3I	Sp	2
									SIL	4I		
151.76	170.35	18.59	GRN	MG	Intercalated altered and unaltered granite. Intercalations are under a meter in width. Argillic and phyllic alterations are surrounding weakly chlorite altered siliceous fractures; often hosting weak pyrite and/or sphalerite. Unaltered sections are fresh, micaceous granite.							
						LT	GN		CHL	1I		
						--	GY	PH	ARG	2I	Py	1
						--	TN	FR	PHC	2I	Sp	0.5
170.35	173.40	3.05	GRN	MG	Argillic and phyllic altered, siliceous granite with several fractures. Fractures are highly siliceous, weakly oxidized and host pyrite, sphalerite and trace galena with no consistent orientation or widths. Sulphides are also found as replacement blebs surrounding fractures. Region also hosts yellowish orange altered "clasts".							
						--	GY	PH	ARG	3I	Sp	4
						--	TN	FR	PHC	3I	Py	3
									SIL	2I	Gn	0.5
									OXI	2I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
173.40	178.92	5.52	GRN	MG	Argillic and phyllic altered granite with an abundance of siliceous infill. Few fractures are clay altered and several host pyrite and sphalerite. Fractures have no consistent orientation or widths; several are undulating and discontinuous. Region is similar to previous interval with decreased sulphide intensity.							
						MD	OR	FR	PHC	3I	Py	1
						LT	GN		SIL	3I		
						--	GY	PH	ARG	3I	Sp	1
178.92	188.01	9.09	GRN	MG	Weakly brecciated and fractured, siliceous granite exhibiting pervasive alterations and an abundance of siliceous infill. Rock hosts fracture controlled and infill replacement sulphides - pyrite, sphalerite and seldom galena. Argillic and phyllic alterations are strong and a lesser soft, light green alteration is also found.							
						LT	GN	FR	ARG	3I	Sp	2
						--	GY	PH	SIL	4I	Py	3
						--	TN	BX	PHC	3I	Gn	0.5
188.01	188.80	0.79	VEN	--	Large, brecciated, quartz vein hosting strong blebby, replacement sulphides - pyrite, sphalerite and lesser galena. Upper contact is clear and defined oriented 41° to core axis while lower contact is broken and undefined. Argillic altered, 1cm to 3cm, clasts of wall rock are subrounded and suspended in quartz and sulphide matrix.							
						--	--	BX	SIL	3I	Py	30
									ARG	2I	Sp	20
											Gn	5
188.80	192.00	3.20	GRN	MG	Argillic and phyllic altered granite with few siliceous fractures hosting blebby sulphides - sphalerite, pyrite and galena. A dominant fracture set exists oriented 25° to core axis and ranges in width from 1cm to 3cm. Several other hairline fractures host pyrite.							
						LT	GN	FR	PHC	3I	Py	2
						--	GY	PH	ARG	3I	Sp	2
						--	TN		SIL	3I	Gn	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
192.00	204.15	12.15	GRN	MG	Highly phyllic and argillic altered, siliceous granite with lesser fractures hosting pyrite and sphalerite. Region is lighter in colour than surroundings and has an orange hue. **A quartz vein lined with trace sphalerite and pyrite is located between 202.41m and 202.51m and is oriented 56° to core axis.**							
						LT	GY	PH	ARG	4I	Py	1
						LT	OR		PHC	3I	Sp	1
						LT	GN					
						--	TN					
204.15	209.72	5.57	GRN	MG	Interbedded fresh, micaceous granite and altered granite. Phyllic and argillic altered zones have few siliceous fractures hosting trace pyrite. Region is mostly grit and rubble with localized regions of competent rock.							
						--	GY	PH	ARG	2I	Py	0.1
								RB	PHC	2I		
									CLY	1I		
209.72	215.65	5.93	GRN	MG	Resilicified argillic altered granitewith localized micaceous regions. Subssection it extremely gritty with smaller subsections of competent rock. No sulphides are visible.							
						LT	GN					
						--	TN	RB	SIL	3I		
						--	GY	PH	ARG	4I	--	0
215.65	216.39	0.74	GRN	MG	Fractured and altered granite hosting a fair bit of mineralization - pyrite and sphalerite. Sulphides are blebby in and around siliceous infill. Siliceous fractures are argillic altered and host rock is argillic and phyllic altered.							
						LT	GN	FR	PHC	3I	Sp	10
						--	GY	PH	ARG	3I	Py	12
									SIL	2I		
216.39	232.83	16.44	GRN	MG	Highly argillic and phyllic altered granite with regular siliceous infill and localized grit. Siliceous infill is often argillic altered and rarely hosts pyrite and seldom sphalerite. Localized, less altered, micaceous regions also exist.							
						LT	GN		SIL	2I		
						LT	OR					
						--	GY	PH	ARG	3I	Py	2
						--	TN	FR	PHC	3I	Sp	0.5

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
232.83	233.17	0.34	VEN	--	Argillic altered, siliceous and weakly brecciated vein hosting fair, blebby pyrite and sphalerite. Upper contact and lower contact are both defined at 70° to core axis. Breccia matrix is sulphide replacement and quartz while the clasts are 0.2 cm to 1.0 cm argillic altered wallrock (granite).							
						LT	GN				Sp	15
						--	GY	BX	ARG	2I	Py	20
233.17	241.93	8.76	GRN	MG	same as 204.15m to 209.72m with a lower amount of grit. Region only hosts localized grit.							
						--	GY	PH	ARG	2I	Py	0.1
						--	TN		PHC	2I		
241.93	244.74	2.81	GRN	MG	Region of argillic and phyllic altered granite with an excess of siliceous infill hosting fair, fine grained pyrite and occasionally sphalerite and/or galena.							
						LT	OR		SIL	3I	Gn	0.5
						--	GY	PH	ARG	3I	Py	2
						--	TN	FR	PHC	3I	Sp	1
244.74	269.22	24.48	GRN	MG	same as 233.17m to 241.93m with a slight increase in pyrite intensity. **One, 0.7 cm, argillic altered veinlet at 249.46m hosts trace sphalerite.**							
						--	GY	PH	ARG	2I	Py	0.5
						--	TN		PHC	2I	Sp	0.01
269.22	269.40	0.18	GRN	MG	Highly fractured, light to dark grey and light green, argillic and phyllic altered granite. Fractures are siliceous in composition, argillic altered and range in width from 0.4cm to 1.7cm in width and host moderate, blebby pyrite and sphalerite. Dominant fracture set ranges from 50° to 70° to core axis.							
						LT	GN	FR	PHC	3I	Sp	12
						--	GY	PH	ARG	3I	Py	10
									SIL	2I		
269.40	274.93	5.53	GRN	MG	Interbedded altered and fresh, micaceous granite with an abundance of localized grit and regularly occuring argillic altered infill seldom hosting pyrite. A dominant fracture set exists ranging in width from 0.2cm to 0.3cm and is oriented 60° to core axis.							
						--	GY	PH	ARG	2I	Py	0.5
						--	TN		PHC	2I		

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	M653241	12-033	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M653298	12-035	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M653295	12-035	Core	ME8	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M653288	12-035	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M653271	12-034	Core	ME8	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M653263	12-034	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M653184	12-032	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M653250	12-034	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M653310	12-035	Core	ME8	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M653228	12-033	Core	ME8	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M653221	12-033	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M653217	12-033	Core	ME8	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M653209	12-032	Core	ME8	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M653194	12-032	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M653188	12-032	Core	PL1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	M653253	12-034	Core	ME8	☐	☐	☐
18.00	21.00	3.00	GRN	0.90	30	M653182	12-032	Core		☐	☐	☐
21.00	21.60	0.60	GRN	0.60	100	M653183	12-032	Core		☐	☐	☐
21.60	22.00	0.40	GRN	0.33	83	M653185	12-032	Core		☐	☐	☐
22.00	22.40	0.40	GRN	0.35	88	M653186	12-032	Core		☐	☐	☐
22.40	22.80	0.40	GRN	0.35	88	M653187	12-032	Core		☐	☐	☐
22.80	23.30	0.50	GRN	0.49	98	M653189	12-032	Core		☐	☐	☐
23.30	23.80	0.50	GRN	0.50	100	M653190	12-032	Core		☐	☐	☐
23.80	24.70	0.90	GRN	0.75	83	M653191	12-032	Core		☐	☐	☐
24.70	25.40	0.70	GRN	0.66	94	M653192	12-032	Core		☐	☐	☐
25.40	27.00	1.60	GRN	1.20	75	M653193	12-032	Core		☐	☐	☐
27.00	28.00	1.00	GRN	0.90	90	M653195	12-032	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
28.00	29.00	1.00	GRN	0.96	96	M653196	12-032	Core		☐	☐	☐
29.00	30.50	1.50	GRN	1.50	100	M653197	12-032	Core		☐	☐	☐
30.50	31.70	1.20	GRN	1.05	88	M653198	12-032	Core		☐	☐	☐
31.70	33.30	1.60	GRN	1.40	88	M653199	12-032	Core		☐	☐	☐
31.70	33.30	1.60	GRN	1.40	88	M653200	12-032	Core		☐	☑	☐
33.30	34.60	1.30	GRN	1.00	77	M653201	12-032	Core		☐	☐	☐
34.60	35.60	1.00	GRN	0.91	91	M653202	12-032	Core		☐	☐	☐
35.60	37.00	1.40	GRN	1.33	95	M653203	12-032	Core		☐	☐	☐
35.60	37.00	1.40	GRN	1.40	100	M653204	12-032	Core		☐	☐	☑
37.00	38.00	1.00	GRN	0.92	92	M653205	12-032	Core		☐	☐	☐
38.00	40.20	2.20	GRN	1.56	71	M653206	12-032	Core		☐	☐	☐
40.20	41.76	1.56	GRN	0.75	48	M653207	12-032	Core		☐	☐	☐
41.76	44.76	3.00	GRN	2.67	89	M653208	12-032	Core		☐	☐	☐
44.76	46.00	1.24	GRN	1.00	81	M653210	12-032	Core		☐	☐	☐
46.00	47.00	1.00	GRN	1.00	100	M653211	12-032	Core		☐	☐	☐
47.00	47.85	0.85	GRN	0.85	100	M653212	12-032	Core		☐	☐	☐
47.85	49.50	1.65	GRN	1.50	91	M653213	12-033	Core		☐	☐	☐
49.50	52.00	2.50	GRN	2.36	94	M653214	12-033	Core		☐	☐	☐
52.00	54.00	2.00	GRN	1.88	94	M653215	12-033	Core		☐	☐	☐
54.00	55.00	1.00	GRN	0.95	95	M653216	12-033	Core		☐	☐	☐
55.00	56.50	1.50	GRN	1.48	99	M653218	12-033	Core		☐	☐	☐
56.50	57.20	0.70	GRN	0.60	86	M653219	12-033	Core		☐	☐	☐
57.20	57.70	0.50	GRN	0.46	92	M653220	12-033	Core		☐	☐	☐
57.70	58.40	0.70	GRN	0.70	100	M653222	12-033	Core		☐	☐	☐
58.40	61.00	2.60	GRN	1.49	57	M653223	12-033	Core		☐	☐	☐
61.00	62.00	1.00	GRN	0.94	94	M653224	12-033	Core		☐	☐	☐
62.00	64.00	2.00	GRN	1.70	85	M653225	12-033	Core		☐	☐	☐
64.00	66.00	2.00	GRN	1.68	84	M653226	12-033	Core		☐	☐	☐
66.00	69.00	3.00	GRN	2.90	97	M653227	12-033	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
69.00	72.00	3.00	GRN	2.30	77	M653229	12-033	Core		☐	☐	☐
72.00	74.00	2.00	GRN	1.97	99	M653230	12-033	Core		☐	☐	☐
74.00	75.00	1.00	GRN	0.85	85	M653231	12-033	Core		☐	☐	☐
75.00	78.00	3.00	GRN	3.00	100	M653232	12-033	Core		☐	☐	☐
78.00	79.50	1.50	GRN	1.50	100	M653233	12-033	Core		☐	☐	☐
78.00	79.50	1.50	GRN	1.50	100	M653234	12-033	Core		☐	☑	☐
79.50	80.00	0.50	GRN	0.49	98	M653235	12-033	Core		☐	☐	☐
80.00	80.70	0.70	GRN	0.70	100	M653236	12-033	Core		☐	☐	☐
80.70	81.50	0.80	GRN	0.80	100	M653237	12-033	Core		☐	☐	☐
80.70	81.50	0.80	GRN	0.80	100	M653238	12-033	Core		☐	☐	☑
81.50	84.00	2.50	GRN	2.40	96	M653239	12-033	Core		☐	☐	☐
84.00	85.40	1.40	GRN	1.40	100	M653240	12-033	Core		☐	☐	☐
85.40	88.00	2.60	GRN	2.60	100	M653242	12-033	Core		☐	☐	☐
88.00	91.00	3.00	GRN	2.85	95	M653243	12-033	Core		☐	☐	☐
91.00	94.00	3.00	GRN	3.00	100	M653244	12-033	Core		☐	☐	☐
94.00	97.00	3.00	GRN	3.00	100	M653245	12-033	Core		☐	☐	☐
110.80	113.00	2.20	GRN	2.20	100	M653246	12-033	Core		☐	☐	☐
120.20	121.80	1.60	GRN	1.60	100	M653247	12-033	Core		☐	☐	☐
121.80	123.00	1.20	GRN	1.00	83	M653248	12-033	Core		☐	☐	☐
123.00	126.00	3.00	GRN	2.92	97	M653249	12-034	Core		☐	☐	☐
129.00	131.00	2.00	GRN	1.95	98	M653251	12-034	Core		☐	☐	☐
131.00	133.00	2.00	GRN	1.90	95	M653252	12-034	Core		☐	☐	☐
133.00	134.40	1.40	GRN	1.40	100	M653254	12-034	Core		☐	☐	☐
134.40	135.00	0.60	GRN	0.60	100	M653255	12-034	Core		☐	☐	☐
135.00	138.00	3.00	GRN	2.60	87	M653256	12-034	Core		☐	☐	☐
138.00	141.00	3.00	GRN	2.95	98	M653257	12-034	Core		☐	☐	☐
141.00	143.80	2.80	GRN	2.80	100	M653258	12-034	Core		☐	☐	☐
143.80	145.00	1.20	GRN	1.15	96	M653259	12-034	Core		☐	☐	☐
145.00	146.00	1.00	GRN	0.95	95	M653260	12-034	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
146.00	147.50	1.50	GRN	1.45	97	M653261	12-034	Core		☐	☐	☐
147.50	148.00	0.50	GRN	0.45	90	M653262	12-034	Core		☐	☐	☐
148.00	151.00	3.00	GRN	2.95	98	M653264	12-034	Core		☐	☐	☐
151.00	154.00	3.00	GRN	3.00	100	M653265	12-034	Core		☐	☐	☐
154.00	157.00	3.00	GRN	2.95	98	M653266	12-034	Core		☐	☐	☐
154.00	157.00	3.00	GRN	2.95	98	M653267	12-034	Core		☐	☑	☐
157.00	160.00	3.00	GRN	2.95	98	M653268	12-034	Core		☐	☐	☐
160.00	162.00	2.00	GRN	1.90	95	M653269	12-034	Core		☐	☐	☐
162.00	163.00	1.00	GRN	1.00	100	M653270	12-034	Core		☐	☐	☐
170.70	172.20	1.50	GRN	1.50	100	M653272	12-034	Core		☐	☐	☐
172.20	172.95	0.75	GRN	0.75	100	M653273	12-034	Core		☐	☐	☐
172.95	173.35	0.40	GRN	0.40	100	M653274	12-034	Core		☐	☐	☐
172.95	173.35	0.40	GRN	0.40	100	M653275	12-034	Core		☐	☐	☑
173.35	176.00	2.65	GRN	2.65	100	M653276	12-034	Core		☐	☐	☐
176.00	178.00	2.00	GRN	1.98	99	M653277	12-034	Core		☐	☐	☐
178.00	179.30	1.30	GRN	1.30	100	M653278	12-034	Core		☐	☐	☐
179.30	181.00	1.70	GRN	1.70	100	M653279	12-034	Core		☐	☐	☐
181.00	182.00	1.00	GRN	1.00	100	M653280	12-035	Core		☐	☐	☐
182.00	183.00	1.00	GRN	1.00	100	M653281	12-035	Core		☐	☐	☐
183.00	184.00	1.00	GRN	1.00	100	M653282	12-035	Core		☐	☐	☐
183.00	184.00	1.00	GRN	1.00	100	M653283	12-035	Core		☐	☐	☑
184.00	185.00	1.00	GRN	1.00	100	M653284	12-035	Core		☐	☐	☐
185.00	186.00	1.00	GRN	1.00	100	M653285	12-035	Core		☐	☐	☐
186.00	188.00	2.00	GRN	2.00	100	M653286	12-035	Core		☐	☐	☐
188.00	188.80	0.80	GRN	0.80	100	M653287	12-035	Core		☐	☐	☐
188.80	189.80	1.00	GRN	1.00	100	M653289	12-035	Core		☐	☐	☐
189.80	192.00	2.20	GRN	1.00	45	M653290	12-035	Core		☐	☐	☐
192.00	195.00	3.00	GRN	3.00	100	M653291	12-035	Core		☐	☐	☐
195.00	198.00	3.00	GRN	3.00	100	M653292	12-035	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
198.00	201.00	3.00	GRN	3.00	100	M653293	12-035	Core		☐	☐	☐
201.00	204.00	3.00	GRN	2.90	97	M653294	12-035	Core		☐	☐	☐
213.00	215.60	2.60	GRN	2.50	96	M653296	12-035	Core		☐	☐	☐
215.60	216.15	0.55	GRN	0.53	96	M653297	12-035	Core		☐	☐	☐
216.15	219.00	2.85	GRN	2.82	99	M653299	12-035	Core		☐	☐	☐
219.00	222.00	3.00	GRN	2.95	98	M653300	12-035	Core		☐	☐	☐
222.00	223.20	1.20	GRN	1.20	100	M653301	12-035	Core		☐	☐	☐
223.20	224.60	1.40	GRN	1.40	100	M653302	12-035	Core		☐	☐	☐
224.60	227.00	2.40	GRN	2.40	100	M653303	12-035	Core		☐	☐	☐
227.00	230.00	3.00	GRN	3.00	100	M653304	12-035	Core		☐	☐	☐
227.00	230.00	3.00	GRN	3.00	100	M653305	12-035	Core		☐	☑	☐
230.00	232.60	2.60	GRN	2.57	99	M653306	12-035	Core		☐	☐	☐
232.60	233.20	0.60	GRN	0.60	100	M653307	12-035	Core		☐	☐	☐
233.20	236.00	2.80	GRN	2.78	99	M653308	12-035	Core		☐	☐	☐
236.00	239.00	3.00	GRN	2.95	98	M653309	12-035	Core		☐	☐	☐
239.00	242.00	3.00	GRN	3.00	100	M653311	12-035	Core		☐	☐	☐
242.00	243.50	1.50	GRN	1.50	100	M653312	12-035	Core		☐	☐	☐
243.50	245.00	1.50	GRN	1.50	100	M653313	12-035	Core		☐	☐	☐
245.00	248.00	3.00	GRN	3.00	100	M653314	12-035	Core		☐	☐	☐
268.50	269.50	1.00	GRN	1.00	100	M653315	12-035	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	11.28	11.28	0	0	0.00	0	0R	--	--	Casing
11.28	14.33	3.05	0.42	14	0.00	0	0R	3H	4W	Unable to take Joint measurements
14.33	17.37	3.04	0.12	4	0.00	0	0R	3H	4W	Unable to take Joint measurements
17.37	20.42	3.05	0.14	5	0.00	0	0R	3H	4W	Unable to take Joint measurements
20.42	23.47	3.05	2.43	80	0.00	0	0R	3H	3W	
23.47	26.52	3.05	2.07	68	0.00	0	0R	3H	3W	
26.52	29.57	3.05	2.75	90	0.14	5	0R	3H	3W	
29.57	32.61	3.04	2.76	91	0.43	14	0R	3H	3W	
32.61	35.66	3.05	2.59	85	0.36	12	0R	3H	3W	
35.66	38.71	3.05	2.72	89	0.90	30	0R	3H	4W	
38.71	41.76	3.05	1.68	55	0.00	0	0R	3H	4W	
41.76	44.81	3.05	2.5	82	0.57	19	0R	4H	3W	
44.81	47.85	3.04	2.84	93	0.34	11	0R	2H	4W	
47.85	50.90	3.05	2.51	82	0.80	26	0R	3H	3W	
50.90	53.95	3.05	2.89	95	0.68	22	0R	3H	3W	
53.95	57.00	3.05	2.82	92	0.92	30	0R	3H	3W	
57.00	60.05	3.05	1.89	62	0.61	20	0R	4H	2W	
60.05	63.09	3.04	2.44	80	0.34	11	0R	4H	2W	
63.09	66.14	3.05	2.47	81	0.69	23	0R	4H	2W	
66.14	69.19	3.05	2.95	97	0.33	11	0R	3H	2W	
69.19	72.24	3.05	1.66	54	0.00	0	0R	3H	2W	
72.24	75.29	3.05	2.49	82	0.40	13	0R	4H	2W	
75.29	78.33	3.04	2.91	96	1.41	46	0R	4H	2W	
78.33	81.38	3.05	3.02	99	1.51	50	0R	4H	2W	
81.38	84.43	3.05	2.82	92	1.99	65	0R	4H	1W	
84.43	87.48	3.05	2.95	97	2.55	84	0R	4H	1W	
87.48	90.53	3.05	3.03	99	2.95	97	0R	4H	1W	
90.53	93.57	3.04	3.04	100	2.83	93	0R	4H	1W	
93.57	96.62	3.05	3.04	100	3.04	100	0R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
96.62	99.67	3.05	2.9	95	2.87	94	0R	4H	1W	
99.67	102.72	3.05	3.03	99	3.03	99	0R	4H	1W	
102.72	105.77	3.05	3.05	100	3.02	99	0R	4H	1W	
105.77	108.81	3.04	3.04	100	2.83	93	0R	4H	1W	
108.81	111.86	3.05	3.04	100	2.83	93	0R	4H	1W	
111.86	114.91	3.05	2.95	97	1.80	59	0R	4H	1W	
114.91	117.96	3.05	3.05	100	1.75	57	0R	4H	1W	
117.96	121.01	3.05	3.01	99	3.01	99	0R	4H	1W	
121.01	124.05	3.04	2.66	88	1.96	64	0R	4H	1W	
124.05	127.10	3.05	3.05	100	2.75	90	0R	4H	1W	
127.10	130.15	3.05	2.85	93	1.88	62	0R	4H	1W	
130.15	133.19	3.04	2.91	96	1.48	49	0R	3H	2W	
133.19	136.25	3.06	3.05	100	0.76	25	0R	3H	1W	
136.25	139.29	3.04	2.6	86	0.60	20	0R	3H	2W	
139.29	142.34	3.05	3.04	100	2.45	80	0R	4H	1W	
142.34	145.39	3.05	2.9	95	1.35	44	0R	3H	2W	
145.39	148.44	3.05	2.92	96	2.07	68	0R	3H	2W	
148.44	151.49	3.05	2.95	97	1.48	49	0R	4H	1W	
151.49	154.53	3.04	3.04	100	2.90	95	0R	4H	1W	
154.53	157.58	3.05	3.05	100	2.96	97	0R	4H	1W	
157.58	160.63	3.05	3	98	2.96	97	0R	4H	1W	
160.63	163.68	3.05	3.04	100	2.85	93	0R	3H	1W	
163.68	166.73	3.05	3.05	100	3.02	99	0R	4H	1W	
166.73	169.77	3.04	2.99	98	2.90	95	0R	4H	1W	
169.77	172.82	3.05	3.05	100	2.76	90	0R	4H	1W	
172.82	175.87	3.05	3.05	100	2.90	95	0R	4H	1W	
175.87	178.92	3.05	3.02	99	2.70	89	0R	3H	1W	
178.92	181.97	3.05	3.05	100	2.32	76	0R	4H	1W	
181.97	185.01	3.04	3.04	100	3.04	100	0R	4H	1W	
185.01	188.06	3.05	3.05	100	3.05	100	0R	4H	1W	
188.06	191.11	3.05	3.05	100	3.05	100	0R	4H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
191.11	194.16	3.05	3.05	100	3.04	100	0R	4H	1W	
194.16	197.21	3.05	3.04	100	2.87	94	0R	4H	1W	
197.21	200.25	3.04	3.04	100	3.04	100	0R	4H	1W	
200.25	203.30	3.05	3.05	100	3.05	100	0R	4H	1W	
203.30	206.35	3.05	2.88	94	1.61	53	0R	2H	4W	
206.35	209.40	3.05	3.05	100	1.38	45	0R	2H	4W	
209.40	212.45	3.05	2.89	95	0.48	16	0R	2H	4W	
212.45	215.49	3.04	2.9	95	2.85	94	0R	3H	2W	
215.49	218.54	3.05	2.98	98	2.98	98	0R	4H	1W	
218.54	221.59	3.05	3.05	100	3.05	100	0R	4H	1W	
221.59	224.64	3.05	3.05	100	2.80	92	0R	4H	1W	
224.64	227.69	3.05	3.05	100	3.05	100	0R	4H	1W	
227.69	230.73	3.04	3.04	100	1.41	46	0R	3H	3W	
230.73	233.78	3.05	3.02	99	2.99	98	0R	4H	1W	
233.78	236.83	3.05	3	98	1.70	56	0R	3H	2W	
236.83	239.88	3.05	3.03	99	2.54	83	0R	3H	2W	
239.88	242.93	3.05	3.05	100	3.05	100	0R	3H	1W	
242.93	245.97	3.04	3.04	100	2.84	93	0R	4H	1W	
245.97	249.02	3.05	3.04	100	2.45	80	0R	4H	1W	
249.02	252.07	3.05	3.02	99	2.57	84	0R	4H	1W	
252.07	255.12	3.05	3.05	100	2.55	84	0R	4H	2W	
255.12	258.17	3.05	2.96	97	2.90	95	0R	4H	1W	
258.17	261.21	3.04	3.04	100	2.29	75	0R	3H	2W	
261.21	264.26	3.05	2.98	98	2.75	90	0R	3H	1W	
264.26	267.31	3.05	3.02	99	3.02	99	0R	4H	1W	
267.31	268.83	1.52	1.52	100	1.52	100	0R	4H	1W	
268.83	271.88	3.05	3.05	100	2.95	97	0R	4H	1W	
271.88	274.93	3.05	3.05	100	1.54	50	0R	4H	1W	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
1	0	CAS	No Recovery
2	0	CAS	No Recovery
3	0	CAS	No Recovery
4	0	CAS	No Recovery
5	0	CAS	No Recovery
6	0	CAS	No Recovery
7	0	CAS	No Recovery
8	0	CAS	No Recovery
9	0	CAS	No Recovery
10	0	CAS	No Recovery
11	0	CAS	No Recovery
12	0	GRN	Rubble
13	0	GRN	Rubble
14	0	GRN	Rubble
15	0	GRN	Rubble
16	0	GRN	Rubble
17	0	GRN	Rubble
18	0	GRN	Rubble
19	0	GRN	Rubble
20	0	GRN	Rubble
21	0.058	GRN	
22	0.493	GRN	
23	1.74	GRN	
24	0.042	GRN	
25	0.212	GRN	
26	0.037	GRN	
27	0.039	GRN	
28	0.045	GRN	
29	0	GRN	Rubble
30	0.058	GRN	
31	0	GRN	Rubble
32	0.133	GRN	
33	0.029	GRN	
34	0.063	GRN	
35	0.081	GRN	
36	0.086	GRN	
37	0.214	GRN	
38	0.145	GRN	
39	0.059	GRN	
40	0	GRN	Rubble
41	0.61	GRN	
42	0.253	GRN	
43	0.037	GRN	
44	0.064	GRN	
45	0.068	GRN	
46	0.049	GRN	
47	0.372	GRN	
48	0.045	GRN	
49	0.063	GRN	
50	0.186	GRN	
51	0.056	GRN	
52	0.198	GRN	
53	0.033	GRN	
54	0.103	GRN	
55	0.06	GRN	
56	0.12	GRN	
57	0.155	GRN	
58	0.05	GRN	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
59	0.176	GRN	
60	0.292	GRN	
61	0.176	GRN	
62	0.199	GRN	
63	0.133	GRN	
64	0.075	GRN	
65	0.057	GRN	
66	0	GRN	Rubble
67	0.023	GRN	
68	0.044	GRN	
69	0.044	GRN	
70	0.025	GRN	
71	0	GRN	Rubble
72	0	GRN	Rubble
73	0.04	GRN	
74	0.42	GRN	
75	0.075	GRN	
76	0.044	GRN	
77	0.057	GRN	
78	0.01	GRN	
79	0.235	GRN	
80	0.527	GRN	
81	0.047	GRN	
82	0.152	GRN	
83	0.749	GRN	
84	0.05	GRN	
85	0.252	GRN	
86	0.211	GRN	
87	0.192	GRN	
88	0.245	GRN	
89	0.21	GRN	

Depth (m)	Magnetic Susceptibility	Unit	Comments
90	0.231	GRN	
91	0.226	GRN	
92	0.221	GRN	
93	0.125	GRN	
94	0.316	GRN	
95	0.188	GRN	
96	0.355	GRN	
97	0.132	GRN	
98	0.19	GRN	
99	0.219	GRN	
100	0.362	GRN	
101	0.578	GRN	
102	0.439	GRN	
103	0.219	GRN	
104	0.141	GRN	
105	0.191	GRN	
106	0.197	GRN	
107	0.245	GRN	
108	0.373	GRN	
109	0.208	GRN	
110	0.177	GRN	
111	0.334	GRN	
112	0.191	GRN	
113	0.244	GRN	
114	0.233	GRN	
115	0.196	GRN	
116	0.194	GRN	
117	0.234	GRN	
118	0.175	GRN	
119	0.183	GRN	
120	0.154	GRN	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
121	0.188	GRN	
122	0.112	GRN	
123	0.158	GRN	
124	0.162	GRN	
125	0.208	GRN	
126	0.248	GRN	
127	0.28	GRN	
128	0.212	GRN	
129	0.182	GRN	
130	0.174	GRN	
131	0.16	GRN	
132	0.099	GRN	
133	0.165	GRN	
134	0	GRN	Broken
135	0.159	GRN	
136	0.369	GRN	
137	0	GRN	Broken
138	0.17	GRN	
139	0.19	GRN	
140	0.165	GRN	
141	0.232	GRN	
142	0.194	GRN	
143	0.17	GRN	
144	0.177	GRN	
145	0.218	GRN	
146	0.329	GRN	
147	0.99	GRN	
148	0.475	GRN	
149	0.239	GRN	
150	0.172	GRN	
151	0	GRN	Broken

Depth (m)	Magnetic Susceptibility	Unit	Comments
152	0.191	GRN	
153	0.269	GRN	
154	0.727	GRN	
155	0.288	GRN	
156	0.213	GRN	
157	0.225	GRN	
158	0.152	GRN	
159	0.181	GRN	
160	0.154	GRN	
161	0.149	GRN	
162	2.175	GRN	
163	0.225	GRN	
164	0.139	GRN	
165	0.145	GRN	
166	0.257	GRN	
167	0.398	GRN	
168	0.194	GRN	
169	0.187	GRN	
170	0.203	GRN	
171	0.681	GRN	
172	0.15	GRN	
173	0.231	GRN	
174	0.03	GRN	
175	0.17	GRN	
176	0.037	GRN	
177	0.066	GRN	
178	0.242	GRN	
179	0.036	GRN	
180	0.217	GRN	
181	0.256	GRN	
182	0.206	GRN	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
183	0.345	GRN	
184	1.655	GRN	
185	0.143	GRN	
186	0.023	GRN	
187	0.206	GRN	
188	0.342	GRN	
189	0.131	GRN	
190	0.32	GRN	
191	0.241	GRN	
192	0.17	GRN	
193	0.029	GRN	
194	0.19	GRN	
195	0.129	GRN	
196	0.123	GRN	
197	0.125	GRN	
198	0.265	GRN	
199	0.286	GRN	
200	0.193	GRN	
201	0.139	GRN	
202	0.12	GRN	
203	0.193	GRN	
204	0.204	GRN	
205	0	GRN	Broken
206	0.582	GRN	
207	0.177	GRN	
208	0.789	GRN	
209	0.418	GRN	
210	0	GRN	Broken
211	0	GRN	Broken
212	0	GRN	Broken
213	0.281	GRN	
214	0.212	GRN	
215	0.06	GRN	
216	0.621	GRN	
217	0.25	GRN	
218	0.235	GRN	
219	0.213	GRN	
220	0.133	GRN	
221	0.024	GRN	
222	0.909	GRN	
223	0.218	GRN	
224	0.186	GRN	
225	0.215	GRN	
226	0.222	GRN	
227	0.244	GRN	
228	0.026	GRN	
229	0.198	GRN	
230	0.14	GRN	
231	0.131	GRN	
232	0.12	GRN	
233	4.17	GRN	
234	0.203	GRN	
235	0.52	GRN	
236	0.269	GRN	
237	0.224	GRN	
238	0.202	GRN	
239	0	GRN	Broken
240	0.144	GRN	
241	0.159	GRN	
242	0.23	GRN	
243	32.36	GRN	
244	0.176	GRN	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
245	0.203	GRN	
246	0.24	GRN	
247	0.173	GRN	
248	0.115	GRN	
249	0.181	GRN	
250	0.359	GRN	
251	0.424	GRN	
252	0.313	GRN	
253	0.304	GRN	
254	0.319	GRN	
255	0.192	GRN	
256	0.172	GRN	
257	0.131	GRN	
258	0.153	GRN	
259	0.14	GRN	
260	0	GRN	Broken
261	0.24	GRN	
262	0.376	GRN	
263	0.14	GRN	
264	0.26	GRN	
265	0.202	GRN	
266	0.194	GRN	
267	0.32	GRN	
268	0.198	GRN	
269	0.181	GRN	
270	0.125	GRN	
271	0.083	GRN	
272	0.248	GRN	
273	0.161	GRN	
274	0.171	GRN	

Depth (m)	Magnetic Susceptibility	Unit	Comments

Hole Name

Hole Name	From (m)	Length (m)	Core Size	Rock Type	Weight in Air (g)	Weight in Water (g)	Density (g/cm3)	Specific Gravity	Comments
SNP-12-006									
	75.4	15.1	BTW	GRN	549	340.2	2.7	2.6	Granite
	105	15	BTW	GRN	555	346.6	2.7	2.7	Granite
	136.07	14.9	BTW	GRN	501.7	299	2.5	2.5	Granite
	159	14.5	BTW	GRN	541.9	337	2.7	2.6	Granite
	190	14.6	BTW	GRN	527.9	330	2.6	2.7	Granite
	215	14.2	BTW	GRN	456	252.7	2.3	2.2	Granite
	236	14.8	BTW	GRN	525	320	2.6	2.6	Fresh Granite
	258	14.4	BTW	GRN	491	284	2.5	2.4	Granite