Keg - Silver Range

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
09+910 NE	09+720 NW	595506	6918128	1628.64	227.69

ZONE: Hammer

SECTION:

HOLE: HAM-12-009

CLAIM: YD155446

Contractor: Platinum

Drill: 1

Core Size: NQ

Casing Depth: 2.49m, Out

Drilling Dates: Jun 28 - Jul 01, 2012

Geology Logged By: R. Avram

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	80	-45	Compass
224.63	79	-47.1	Ranger

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.49	2.49	CAS
2.49	21.9	19.41	GRN
21.9	24.87	2.97	GRN
24.87	41.3	16.43	GRN
41.3	45.5	4.2	GRN
45.5	56.3	10.8	GRN
56.3	59.3	3	GRN
59.3	67.2	7.9	GRN
67.2	98.2	31	GRN
98.2	103.5	5.3	GRN
103.5	114	10.5	GRN
114	126	12	GRN
126	130.5	4.5	GRN
130.5	178.3	47.8	GRN
178.3	183.5	5.2	GRN
183.5	227.69	44.19	GRN

SAMPLES	
Numbers:	L845763 to L845838
Total:	83
Batch:	008, 009, 010
Certificates:	WH12153602, WH12154940, WH12157317, WH12173671

COMMENTS

Mineralisation, if not otherwise specified, occurs as a black powder which is probably a mix of very fine grained sulphides, sulphosalts and oxides.

Box Log

HAM-12-009

Silver Range
Hammer Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	2.49	7.98
2	7.98	13.54
3	13.54	19.11
4	19.11	24.52
5	24.52	30.04
6	30.04	35.72
7	35.72	41.33
8	41.33	46.89
9	46.89	52.47
10	52.47	58.08
11	58.08	63.63
12	63.63	69.04
13	69.04	74.47
14	74.47	80.09
15	80.09	85.53
16	85.53	91.07
17	91.07	96.86
18	96.86	102.3
19	102.3	107.75
20	107.75	113.3
21	113.3	118.81
22	118.81	124.25
23	124.25	129.86
24	129.86	135.44
25	135.44	141.05
26	141.05	146.8
27	146.8	152.43
28	152.43	157.77
29	157.77	163.22
30	163.22	168.59
31	168.59	174.1
32	174.1	179.7
33	179.7	185.01
34	185.01	190.62
35	190.62	196.36
36	196.36	202.02
37	202.02	207.88
38	207.88	213.46
39	213.46	219.18
40	219.18	225.15
41	225.15	227.69

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	2.49	2.49	CAS	--	Casing.							
						--	--	---	---	--	--	0
2.49	21.90	19.41	GRN	MG	Fresh granite with one fracture per metre at 30-45° TCA with moderate oxidation and black oxides on fracture surfaces.							
						MD	GY	PH	OXI	1I	Un	1
21.90	22.23	0.33	GRN	MG	Granite with alternating 40-70cm sections of strong reddish oxidation and whitish bleaching as well as weak black mineralisation. Mineralisation occurs as interstitial black powder and on the faces of 1mm to 1cm thick fractures within the interval.							
						LT	OR	PH	OXI	4I	--	0
									BLE	4I		
22.23	22.24	0.01	VEN	--	1 mm fracture with black sulphide.							
						--	BK	VT	OXI	5I	Un	20
22.24	22.50	0.26	GRN	MG	Granite with alternating 40-70cm sections of strong reddish oxidation and whitish bleaching as well as weak black mineralisation. Mineralisation occurs as interstitial black powder and on the faces of 1mm to 1cm thick fractures within the interval.							
						LT	OR	PH	OXI	4I	--	0
									BLE	4I		
22.50	22.51	0.01	VEN	--	2 mm fracture with black mineralization and 1 cm envelope of intense oxide alteration							
						MD	OR					
						--	BK	VT	OXI	5I	Un	60
22.51	24.87	2.36	GRN	MG	Granite with alternating 40-70cm sections of strong reddish oxidation and whitish bleaching as well as weak black mineralisation. Mineralisation occurs as interstitial black powder and on the faces of 1mm to 1cm thick fractures within the interval.							
						LT	OR	PH	OXI	4I	--	0
									BLE	4I		
24.87	41.30	16.43	GRN	MG	Fresh granite with one fracture per metre at 30-45° TCA with moderate oxidation and black oxides on fracture surfaces.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PH	OXI	1I	Un	0.1
41.30	45.50	4.20	GRN	MG	Strongly oxidized granite with 45° TCA fractures less than 2mm thick.							
						LT	RD	PH	OXI	4I	--	0
						LT	WH		BLE	3I		
45.50	56.30	10.80	GRN	MG	Locally weakly oxidized granite with fractures at 50° TCA and crosscutting fractures at 30° TCA.							
						MD	GY	PH	OXI	2I	--	0
						LT	GY					
56.30	57.42	1.12	GRN	MG	Strongly oxidized and bleached granite with trace silicification as well as laminated quartz veinlets 2-5cm thick and black interstitial and disseminated mineralisation.							
						LT	RD	PH	OXI	4I	Un	2
						LT	WH		BLE	4I	Un	1
									SIL	1I		
57.42	57.82	0.40	GRN	MG	Intensely bleached, fairly oxidized granite with intense black mineralisation a 2 quartz veinlets.							
						LT	WH	PH	BLE	5I	Un	30
						LT	RD		OXI	2I		
57.82	58.00	0.18	GRN	MG	Strongly oxidized and bleached granite with trace silicification as well as laminated quartz veinlets 2-5cm thick and black interstitial and disseminated mineralisation.							
						LT	WH	PH	OXI	4I	Un	4
						LT	RD		BLE	4I	Un	1
									SIL	1I		
58.00	59.30	1.30	GRN	MG	Moderately oxidized, intensely bleached interval with three 45° TCA black mineralised veinlets with oxidation envelopes.							
						LT	WH	PH	OXI	3I	Un	20
						LT	RD	EN	BLE	5I		
59.30	67.20	7.90	GRN	MG	Weakly argillic granite with 7 <2mm thick gougy white fractures.							
						MD	GY	PH	ARG	2I	--	0
67.20	68.00	0.80	GRN	MG	Fairly oxidized, strongly bleached.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY	PH	OXI	2I	--	0
						LT	RD		BLE	4I		
68.00	68.60	0.60	GRN	MG	Interval with four <2cm thick oxidized black mineralised quartz veinlets with some pink carbonate (rhodochrosite). Quartz is irregularly laminated and fractured at 40-60° TCA.							
						LT	WH	PH	OXI	4I	Un	5
						LT	RD		SIL	2I		
									BLE	4I		
68.60	74.70	6.10	GRN	MG	Moderately bleached and oxidized, weakly argillic granite with trace interstitial black mineralisation.							
						LT	RD	PH	OXI	3I	Un	1
						LT	GY		BLE	3I		
						LT	WH		ARG	2I		
74.70	75.00	0.30	GRN	MG	Strongly oxidized, fairly silicified granite with 5cm thick earthy black mineralised fractures with red oxidized envelopes.							
						DK	BK	PH	OXI	4I	Un	40
						DK	RD		SIL	2I		
75.00	80.46	5.46	GRN	MG	Moderately bleached and oxidized, weakly argillic granite with trace interstitial black mineralisation.							
						LT	RD	PH	BLE	3I	Un	1
						LT	WH		ARG	2I		
						LT	GY		OXI	3I		
80.46	80.70	0.24	GRN	MG	Silicified section with a 1cm thick barren quartz vein with a 20cm oxidized envelope containing black interstitial mineralisation.							
						LT	GY	PH	OXI	4I	Un	20
						LT	RD		SIL	2I		
80.70	86.40	5.70	GRN	MG	Moderately bleached and oxidized, weakly argillic granite with trace interstitial black mineralisation.							
						LT	GY	PH	OXI	3I	Un	1
						LT	RD		BLE	3I		
						LT	WH		ARG	2I		
86.40	86.80	0.40	GRN	MG	15cm of semi massive black mineralisation intercalated with laminated quartz and weak pink carbonate (Rhodocrosite). Strongly oxidized.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY	LA	SIL	1I		
						LT	PK					
						DK	BK	PH	OXI	4I	Un	60
86.80	91.15	4.35	GRN	MG	Strongly bleached, moderately argillic granite with weak black mineralisation occurring in veinlets and disseminated throughout.							
						LT	GY	PH	BLE	4I	Un	2
									ARG	3I		
91.15	96.00	4.85	GRN	MG	Strongly bleached and argillite altered roken sandy granite and gouge with sections of intense black mineralisation and moderate oxidation.							
						LT	GY	PH	BLE	4I	Un	5
									OXI	3I		
									ARG	4I		
96.00	98.20	2.20	GRN	MG	Moderately bleached and oxidized, weakly argillic granite with trace interstitial black mineralisation.							
						LT	RD	PH	OXI	3I	Un	1
						LT	GY		BLE	3I		
						LT	WH		ARG	2I		
98.20	103.50	5.30	GRN	MG	Broken up granite with black oxides on fracture surfaces.							
						MD	GY	PH	ARG	3I	Ox	2
103.50	114.00	10.50	GRN	MG	Mostly fresh granite with trace oxidation occuring on <1mm fractures at 45° TCA. Some of these fractures also demonstrate trace black oxides.							
						MD	GY	PH	OXI	1I	Ox	0.1
114.00	121.60	7.60	GRN	MG	Alternating strongly oxidized and strongly bleached and argillic, gougy intervals. Manganese oxides and other minerals form a compact black powdery semi-massive agrregate in up to 20cm sections or occur as black hairline-3mm thick veinlets scattered throughout the granite matrix.							
						MD	GY					
						LT	GY	PH	OXI	4I	Un	10
						LT	WH		ARG	4I		
						LT	RD		BLE	4I		
121.60	126.00	4.40	GRN	MG	Stronly argillic and oxidized interval with weak black mineralisation as in general description.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						LT	GY	PH	OXI	4I	Un	3
						LT	RD		ARG	4I		
									BLE	2I		
126.00	130.50	4.50	GRN	MG	Fairly oxidized, weakly argillic granite with trace black mineralisation occuring on fracture surfaces.							
						LT	RD	PH	OXI	2I	Un	0.2
						LT	GY		ARG	2I		
130.50	176.00	45.50	GRN	MG	Granite with trace oxidized fractures at 45° TCA and trace argillic alteration present as occasional 1mm thick clayed sections.							
						MD	GY	PH	OXI	1I	--	0
									ARG	1I		
176.00	178.30	2.30	GRN	MG	As general except with trace hairline dark grey veinlets.							
						MD	GY	PH	OXI	1I	Un	1
									ARG	1I		
178.30	179.10	0.80	GRN	MG	Moderately oxidized section with trace black mineralisation and a quartz and pink carbonate veinlet at the lower contact.							
						MD	RD	PH	OXI	3I	Un	1
						MD	GY		SIL	1I		
						LT	PK					
179.10	180.10	1.00	GRN	MG	Fairly bleached granite without oxidation or black mineralisation.							
						MD	GY	PH	BLE	2I	--	0
						LT	GY					
180.10	183.50	3.40	GRN	MG	Moderately silicified, argillic and bleached, strongly oxidized granite with <60cm long replacement sections and quartz and pink carbonate (rhodocrosite) veining. Black mineralisation present as mineralised powder on fracture surfaces and semi-massive aggregates up to 5cm thick.							
						MD	RD	PH	OXI	4I	Un	15
						DK	GY		BLE	3I		
									ARG	3I		
									SIL	3I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
183.50	227.69	44.19	GRN	MG	Medium grey granite with 45° TCA argillic fractures.							
						MD	GY	PH	ARG	1I	--	0

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	L845774	12-008	Core	ME8	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	L845784	12-008	Core	PL1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	L845794	12-009	Core	PL1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	L845797	12-009	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	L845809	12-009	Core	ME8	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	L845822	12-009	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	L845833	12-010	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	L845768	12-008	Core		☑	☐	☐
21.00	22.10	1.10	GRN	1.10	100	L845763	12-008	Core		☐	☐	☐
22.10	22.90	0.80	GRN	0.75	94	L845764	12-008	Core		☐	☐	☐
22.90	24.10	1.20	GRN	1.10	92	L845765	12-008	Core		☐	☐	☐
24.10	24.60	0.50	GRN	0.45	90	L845766	12-008	Core		☐	☐	☐
24.60	25.80	1.20	GRN	1.15	96	L845767	12-008	Core		☐	☐	☐
40.00	41.30	1.30	GRN	1.25	96	L845769	12-008	Core		☐	☐	☐
41.30	43.00	1.70	GRN, GRN	1.70	100	L845770	12-008	Core		☐	☐	☐
43.00	44.30	1.30	GRN	1.28	98	L845771	12-008	Core		☐	☐	☐
44.30	45.50	1.20	GRN	1.18	98	L845772	12-008	Core		☐	☐	☐
45.50	46.90	1.40	GRN, GRN	1.39	99	L845773	12-008	Core		☐	☐	☐
54.00	56.30	2.30	GRN	2.30	100	L845775	12-008	Core		☐	☐	☐
56.30	56.80	0.50	GRN, GRN	0.50	100	L845776	12-008	Core		☐	☐	☐
56.80	57.40	0.60	GRN	0.60	100	L845777	12-008	Core		☐	☐	☐
57.40	58.00	0.60	GRN	0.60	100	L845778	12-008	Core		☐	☐	☐
57.40	58.00	0.60	GRN	0.60	100	L845779	12-008	Core		☐	☐	☑
58.00	59.30	1.30	GRN	1.30	100	L845780	12-008	Core		☐	☐	☐
66.20	67.80	1.60	GRN	1.60	100	L845781	12-008	Core		☐	☐	☐
67.80	68.60	0.80	GRN	0.80	100	L845782	12-008	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
68.60	70.30	1.70	GRN	1.70	100	L845783	12-008	Core		☐	☐	☐
70.30	73.00	2.70	GRN	2.70	100	L845785	12-008	Core		☐	☐	☐
73.00	74.47	1.47	GRN	1.47	100	L845786	12-008	Core		☐	☐	☐
74.47	75.20	0.73	GRN	0.73	100	L845787	12-008	Core		☐	☐	☐
75.20	77.00	1.80	GRN	1.76	98	L845788	12-008	Core		☐	☐	☐
77.00	78.00	1.00	GRN	0.98	98	L845789	12-009	Core		☐	☐	☐
78.00	80.25	2.25	GRN	2.25	100	L845790	12-009	Core		☐	☐	☐
80.25	81.30	1.05	GRN	1.05	100	L845791	12-009	Core		☐	☐	☐
81.30	83.00	1.70	GRN	1.70	100	L845792	12-009	Core		☐	☐	☐
83.00	84.40	1.40	GRN	1.40	100	L845793	12-009	Core		☐	☐	☐
84.40	86.20	1.80	GRN	1.80	100	L845795	12-009	Core		☐	☐	☐
86.20	86.90	0.70	GRN	0.70	100	L845796	12-009	Core		☐	☐	☐
86.90	89.40	2.50	GRN	2.50	100	L845798	12-009	Core		☐	☐	☐
89.40	91.07	1.67	GRN	1.59	95	L845799	12-009	Core		☐	☐	☐
91.07	93.57	2.50	GRN	2.36	94	L845800	12-009	Core		☐	☐	☐
93.57	96.00	2.43	GRN	2.14	88	L845801	12-009	Core		☐	☐	☐
96.00	96.86	0.86	GRN	0.74	86	L845802	12-009	Core		☐	☐	☐
96.00	96.86	0.86	GRN	0.74	86	L845803	12-009	Core		☐	☐	☑
96.86	98.20	1.34	GRN	1.26	94	L845804	12-009	Core		☐	☐	☐
98.20	101.00	2.80	GRN, GRN	2.74	98	L845805	12-009	Core		☐	☐	☐
101.00	103.50	2.50	GRN	2.44	98	L845806	12-009	Core		☐	☐	☐
113.30	114.00	0.70	GRN	0.70	100	L845807	12-009	Core		☐	☐	☐
114.00	115.10	1.10	GRN, GRN	1.08	98	L845808	12-009	Core		☐	☐	☐
115.10	116.60	1.50	GRN	1.48	99	L845810	12-009	Core		☐	☐	☐
116.60	117.50	0.90	GRN	0.89	99	L845811	12-009	Core		☐	☐	☐
117.50	118.00	0.50	GRN	0.50	100	L845812	12-009	Core		☐	☐	☐
118.00	119.70	1.70	GRN	1.70	100	L845813	12-009	Core		☐	☐	☐
118.00	119.70	1.70	GRN	1.70	100	L845814	12-009	Core		☐	☑	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
119.70	120.20	0.50	GRN	0.50	100	L845815	12-009	Core		☐	☐	☐
120.20	121.00	0.80	GRN	0.80	100	L845816	12-009	Core		☐	☐	☐
121.00	121.60	0.60	GRN	0.60	100	L845817	12-009	Core		☐	☐	☐
121.60	122.50	0.90	GRN	0.90	100	L845818	12-009	Core		☐	☐	☐
122.50	123.20	0.70	GRN	0.70	100	L845819	12-009	Core		☐	☐	☐
123.20	124.70	1.50	GRN	1.48	99	L845820	12-009	Core		☐	☐	☐
124.70	125.60	0.90	GRN	0.86	96	L845821	12-009	Core		☐	☐	☐
125.60	127.10	1.50	GRN	1.46	97	L845823	12-009	Core		☐	☐	☐
127.10	130.10	3.00	GRN	2.73	91	L845824	12-009	Core		☐	☐	☐
130.10	133.10	3.00	GRN	2.94	98	L845825	12-010	Core		☐	☐	☐
133.10	133.60	0.50	GRN	0.50	100	L845826	12-010	Core		☐	☐	☐
133.60	136.60	3.00	GRN	3.00	100	L845827	12-010	Core		☐	☐	☐
136.60	139.20	2.60	GRN	2.60	100	L845828	12-010	Core		☐	☐	☐
136.60	139.20	2.60	GRN	2.60	100	L845829	12-010	Core		☐	☑	☐
139.20	141.05	1.85	GRN	1.85	100	L845830	12-010	Core		☐	☐	☐
176.00	178.30	2.30	GRN	2.23	97	L845831	12-010	Core		☐	☐	☐
178.30	179.00	0.70	GRN, GRN	0.70	100	L845832	12-010	Core		☐	☐	☐
179.00	180.00	1.00	GRN	0.87	87	L845834	12-010	Core		☐	☐	☐
180.00	180.50	0.50	GRN	0.50	100	L845835	12-010	Core		☐	☐	☐
180.50	181.50	1.00	GRN	0.73	73	L845836	12-010	Core		☐	☐	☐
181.50	183.50	2.00	GRN	2.00	100	L845837	12-010	Core		☐	☐	☐
183.50	185.00	1.50	GRN, GRN	1.50	100	L845838	12-010	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.49	2.49	0	0	0.00	0	--	--	--	casing
2.49	5.18	2.69	2.69	100	1.33	49	0R	4H	2W	
5.18	8.23	3.05	3.05	100	1.88	62	0R	4H	2W	
8.23	11.28	3.05	3.05	100	2.64	87	0R	4H	2W	
11.28	14.33	3.05	3.05	100	1.85	61	0R	4H	2W	
14.33	17.37	3.04	3.04	100	2.07	68	0R	4H	2W	
17.37	20.42	3.05	3.05	100	2.50	82	0R	4H	2W	
20.42	23.47	3.05	3.05	100	1.79	59	0R	3H	3W	
23.47	26.52	3.05	3.05	100	1.32	43	0R	3H	3W	
26.52	29.57	3.05	3.05	100	2.48	81	0R	4H	1W	
29.57	32.61	3.04	3.04	100	2.35	77	0R	4H	1W	
32.61	35.66	3.05	3.05	100	2.72	89	0R	4H	1W	
35.66	38.70	3.04	3.04	100	2.46	81	0R	4H	1W	
38.70	41.75	3.05	3.05	100	2.58	85	0R	4H	2W	
41.75	44.80	3.05	3.05	100	1.04	34	0R	4H	4W	
44.80	47.85	3.05	2.96	97	2.37	78	0R	3H	3W	
47.85	50.90	3.05	3.05	100	2.13	70	0R	4H	2W	
50.90	53.95	3.05	3.05	100	2.21	72	0R	4H	2W	
53.95	57.00	3.05	3.05	100	2.08	68	0R	4H	3W	
57.00	60.05	3.05	3.05	100	2.11	69	0R	4H	3W	
60.05	63.09	3.04	2.96	97	1.60	53	0R	3H	3W	
63.09	66.14	3.05	3.05	100	1.26	41	0R	3H	3W	
66.14	69.19	3.05	3.05	100	1.73	57	0R	2H	3W	
69.19	72.24	3.05	3.05	100	1.49	49	0R	3H	3W	
72.24	75.29	3.05	3.05	100	1.22	40	0R	2H	3W	
75.29	78.33	3.04	2.95	97	1.95	64	0R	3H	2W	
78.33	81.38	3.05	3.05	100	1.45	48	0R	3H	3W	
81.38	84.43	3.05	3.05	100	1.41	46	0R	3H	3W	
84.43	87.48	3.05	3.05	100	1.18	39	0R	3H	3W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3.05	100	1.22	40	0R	2H	3W	
90.53	93.57	3.04	2.81	92	0.69	23	0R	1H	4W	
93.57	96.62	3.05	2.23	73	0.00	0	0R	1H	4W	
96.62	99.67	3.05	2.85	93	0.35	11	0R	3H	3W	
99.67	102.72	3.05	2.93	96	0.45	15	0R	3H	3W	
102.72	105.77	3.05	3.05	100	1.11	36	0R	4H	2W	
105.77	108.81	3.04	3.04	100	2.32	76	0R	4H	2W	
108.81	111.86	3.05	3.05	100	2.01	66	0R	4H	2W	
111.86	114.91	3.05	3.05	100	1.74	57	0R	4H	3W	
114.91	117.96	3.05	3	98	1.11	36	0R	4H	3W	
117.96	121.01	3.05	3.05	100	1.75	57	0R	3H	3W	
121.01	124.05	3.04	3.04	100	0.35	12	0R	2H	4W	
124.05	127.10	3.05	2.99	98	0.68	22	0R	2H	3W	
127.10	130.15	3.05	2.8	92	0.28	9	0R	3H	4W	
130.15	133.20	3.05	3	98	1.98	65	0R	4H	3W	
133.20	136.25	3.05	3.05	100	1.54	50	0R	4H	3W	
136.25	139.29	3.04	3.04	100	1.47	48	0R	4H	2W	
139.29	142.34	3.05	3.05	100	1.43	47	0R	4H	1W	
142.34	145.39	3.05	3.05	100	1.51	50	0R	4H	1W	
145.39	148.44	3.05	3.05	100	2.31	76	0R	4H	1W	
148.44	151.49	3.05	3.05	100	2.13	70	0R	4H	1W	
151.49	154.53	3.04	3.04	100	1.48	49	0R	4H	1W	
154.53	157.58	3.05	3.05	100	2.22	73	0R	4H	1W	
157.58	160.63	3.05	2.95	97	1.19	39	0R	4H	1W	
160.63	163.68	3.05	3.05	100	0.58	19	0R	3H	2W	
163.68	166.73	3.05	3.05	100	2.06	68	0R	4H	1W	
166.73	169.77	3.04	3.04	100	1.82	60	0R	4H	2W	
169.77	172.82	3.05	3.05	100	1.89	62	0R	4H	1W	
172.82	175.87	3.05	3.05	100	1.55	51	0R	4H	1W	
175.87	178.92	3.05	3.05	100	2.17	71	0R	4H	3W	
178.92	181.97	3.05	2.88	94	1.13	37	0R	4H	3W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
181.97	185.01	3.04	3.04	100	1.42	47	0R	4H	2W	
185.01	188.06	3.05	3.05	100	1.78	58	0R	3H	3W	
188.06	191.11	3.05	3.05	100	1.69	55	0R	4H	2W	
191.11	194.16	3.05	3.05	100	1.89	62	0R	4H	2W	
194.16	197.21	3.05	3.05	100	2.20	72	0R	4H	2W	
197.21	200.25	3.04	3.04	100	1.88	62	0R	4H	2W	
200.25	203.30	3.05	3.05	100	2.42	79	0R	4H	1W	
203.30	206.35	3.05	3.05	100	2.32	76	0R	4H	1W	
206.35	209.40	3.05	3.05	100	1.37	45	0R	4H	1W	
209.40	212.45	3.05	3.05	100	2.00	66	0R	4H	1W	
212.45	215.49	3.04	3.04	100	2.21	73	0R	4H	1W	
215.49	218.54	3.05	3.05	100	2.36	77	0R	4H	1W	
218.54	221.59	3.05	3.05	100	2.64	87	0R	4H	1W	
221.59	224.64	3.05	3.05	100	1.45	48	0R	4H	2W	
224.64	227.69	3.05	1.8	59	1.03	34	0R	4H	2W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
0	0	CAS	casing
1	0	CAS	casing
2	0	CAS	casing
3	0.22	GRN	
4	0.1	GRN	
5	0	GRN	broken
6	0.04	GRN	
7	0.1	GRN	
8	0	GRN	broken
9	0.14	GRN	
10	0.02	GRN	
11	0.03	GRN	
12	0.17	GRN	
13	0.16	GRN	
14	0.15	GRN	
15	0.14	GRN	
16	0.12	GRN	
17	0	GRN	broken
18	0.17	GRN	
19	0.14	GRN	
20	0.12	GRN	
21	0.13	GRN	
22	0.11	GRN	
23	0.04	GRN	
24	0	GRN	broken
25	0.21	GRN	
26	0.11	GRN	
27	0.17	GRN	
28	0.13	GRN	

Depth (m)	Magnetic Susceptibility	Unit	Comments
29	0.12	GRN	
30	0.14	GRN	
31	0	GRN	broken
32	0.13	GRN	
33	0.12	GRN	
34	0.13	GRN	
35	0.1	GRN	
36	0.02	GRN	
37	0	GRN	broken
38	0.06	GRN	
39	0.12	GRN	
40	0.16	GRN	
41	0.21	GRN	
42	0.78	GRN	
43	0.07	GRN	
44	0.04	GRN	
45	0.05	GRN	
46	0.14	GRN	
47	0.3	GRN	
48	0.12	GRN	
49	0.06	GRN	
50	0.12	GRN	
51	0.36	GRN	
52	0.52	GRN	
53	0.55	GRN	
54	1.11	GRN	
55	0.12	GRN	
56	0.21	GRN	
57	0.36	GRN	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
58	0.64	GRN	
59	0.05	GRN	
60	0.1	GRN	
61	0.98	GRN	
62	0.15	GRN	
63	0.37	GRN	
64	0.17	GRN	
65	0.91	GRN	
66	0.19	GRN	
67	0.21	GRN	
68	0.12	GRN	
69	0.42	GRN	
70	0.18	GRN	
71	0.94	GRN	
72	0.14	GRN	
73	0.24	GRN	
74	0.18	GRN	
75	0.03	GRN	
76	0.13	GRN	
77	0.05	GRN	
78	0.15	GRN	
79	0.18	GRN	
80	0.13	GRN	
81	0.04	GRN	
82	0.11	GRN	
83	0.24	GRN	
84	0.03	GRN	
85	0.12	GRN	
86	0.19	GRN	
87	0.19	GRN	
88	0.07	GRN	
89	0.13	GRN	
90	0.06	GRN	
91	0.29	GRN	
92	0.03	GRN	
93	0.03	GRN	
94	0	GRN	broken
95	0	GRN	broken
96	0	GRN	broken
97	0.13	GRN	
98	0.11	GRN	
99	0	GRN	broken
100	0.15	GRN	
101	0	GRN	broken
102	0.19	GRN	
103	0.15	GRN	
104	0.13	GRN	
105	0.49	GRN	
106	0.11	GRN	
107	0.55	GRN	
108	0.24	GRN	
109	0.4	GRN	
110	0.15	GRN	
111	0.19	GRN	
112	0.16	GRN	
113	0.16	GRN	
114	0.28	GRN	
114	0.28	GRN	
115	0.11	GRN	
116	0.62	GRN	
117	0.15	GRN	
118	0.21	GRN	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
119	0.09	GRN	
120	0.22	GRN	
121	0.39	GRN	
122	0.04	GRN	
123	0.16	GRN	
124	0.34	GRN	
125	0.14	GRN	
126	0.13	GRN	
126	0.13	GRN	
127	0.2	GRN	
128	0.13	GRN	
129	0.44	GRN	
130	0.11	GRN	
131	0.15	GRN	
132	0.4	GRN	
133	0.27	GRN	
134	0.11	GRN	
135	0.18	GRN	
136	0.25	GRN	
137	0.24	GRN	
138	0.17	GRN	
139	0.26	GRN	
140	0.34	GRN	
141	0.25	GRN	
142	0.06	GRN	
143	0.05	GRN	
144	0.38	GRN	
145	0.1	GRN	
146	0.05	GRN	
147	0.22	GRN	
148	0.25	GRN	

Depth (m)	Magnetic Susceptibility	Unit	Comments
149	0.2	GRN	
150	0.02	GRN	
151	0	GRN	broken
152	0.15	GRN	
153	0.14	GRN	
154	0.16	GRN	
155	0.04	GRN	
156	0.11	GRN	
157	0.2	GRN	
158	0.12	GRN	
159	0.2	GRN	
160	0.14	GRN	
161	0	GRN	broken
162	0	GRN	broken
163	0.16	GRN	
164	0.31	GRN	
165	0.05	GRN	
166	0.14	GRN	
167	0	GRN	broken
168	0.27	GRN	
169	0.18	GRN	
170	0.22	GRN	
171	0.18	GRN	
172	0.19	GRN	
173	0.17	GRN	
174	0.18	GRN	
175	0.18	GRN	
176	0.06	GRN	
177	0.84	GRN	
178	0.2	GRN	
179	2.35	GRN	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
180	0.18	GRN	
181	0.17	GRN	
182	0.15	GRN	
183	0.11	GRN	
184	0.67	GRN	
185	0.43	GRN	
186	0.26	GRN	
187	0.16	GRN	
188	0.24	GRN	
189	0.19	GRN	
190	0.2	GRN	
191	0.25	GRN	
192	0.17	GRN	
193	0.2	GRN	
194	0.21	GRN	
195	0.36	GRN	
196	0.83	GRN	
197	0.22	GRN	
198	0.25	GRN	
199	0.16	GRN	
200	0.15	GRN	
201	0.17	GRN	
202	0.51	GRN	
203	0.14	GRN	
204	0.19	GRN	
205	0.18	GRN	
206	0.16	GRN	
207	0.13	GRN	
208	0.73	GRN	
209	0.16	GRN	
210	0.18	GRN	
211	0.16	GRN	
212	0.37	GRN	
213	0.23	GRN	
214	0.47	GRN	
215	0.28	GRN	
216	0.17	GRN	
217	0.21	GRN	
218	0.26	GRN	
219	0.36	GRN	
220	0.42	GRN	
221	0.18	GRN	
222	0.18	GRN	
223	0.15	GRN	
224	0.18	GRN	
225	0.9	GRN	
226	0.13	GRN	
227	0.3	GRN	EOH

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
HAM-12-009									
	16	5.1	NQ	GRN	1150	704.4	11.0	2.6	Fresh granite.
	49	5.1	NQ	GRN	689.6	403.9	6.6	2.4	Fresh granite.
	115.5	5.1	NQ	GRN	809.1	579.5	7.8	3.5	Weakly oxidized, light reddish granite with trace interstitial mz.
	139.86	5.1	NQ	GRN	888	639	8.5	3.6	Medium grain granite.
	182.15	13.5	NQ	GRN	711.7	527.4	2.6	3.9	Granite with trace oxidization.