Keg - Silver Range

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
		595575	6918365	1573.69	124.05

ZONE: Hammer

SECTION: 9+920

HOLE: HAM-12-012

CLAIM: YD155445

Contractor: Platinum

Drill: 1

Core Size: NQ

Casing Depth: 3.45m, Out

Drilling Dates: Jul 05 - Jul 06, 2012

Geology Logged By: R. Avram

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	80	-45	Compass
124.05	81	-42.9	Ranger

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	3.45	3.45	CAS
3.45	5.2	1.75	GRN
5.2	9	3.8	GRN
9	47.5	38.5	GRN
47.5	50	2.5	GRN
50	124.05	74.05	GRN

SAMPLES	
Numbers:	L845974 to L845983
Total:	18
Batch:	014
Certificates:	WH12163460

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-12-012

Silver Range
Hammer Zone

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Box Number	From (m)	To (m)
1	3.45	9.13
2	9.13	14.8
3	14.8	20.42
4	20.42	26
5	26	31.36
6	31.36	36.83
7	36.83	42.16
8	42.16	47.3
9	47.3	52.95
10	52.95	58.76
11	58.76	64.35
12	64.35	70.09
13	70.09	75.65
14	75.65	81.43
15	81.43	87.23
16	87.23	92.83
17	92.83	98.45
18	98.45	104.14
19	104.14	109.88
20	109.88	115.56
21	115.56	121.23
22	121.23	124.05

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

HAM-12-012

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	3.45	3.45	CAS	--	Casing.							
						--	--	---	---	--	--	0
3.45	5.20	1.75	GRN	MG	Medium grey granite with trace oxidation on fracture faces.							
						MD	GY	PH	OXI	1I	--	0
5.20	9.00	3.80	GRN	MG	Broken and rubbly granite with oxidized fractures at 45° and 10° TCA.							
						MD	GY	PH	OXI	2I	Un	0.2
						LT	RD					
9.00	47.50	38.50	GRN	MG	Light grey granite with trace oxidation on fracture faces.							
						LT	GY	PH	OXI	1I	--	0
47.50	50.00	2.50	GRN	MG	Granite with totally bleached eucacrates (mostly quartz) with trace biotite with occasional very fine grained sulphide (pyrite, sphalerite?) aggregates.							
						LT	WH	PH	BLE	5I	Un	1
50.00	73.75	23.75	GRN	MG	Medium to light grey tracely bleached and oxidized granite.							
						MD	GY	PH	BLE	1I	--	0
						LT	GY		OXI	1I		
73.75	74.40	0.65	GRN	MG	Granite with totally bleached eucacrates (mostly quartz) with trace biotite with occasional very fine grained sulphide (pyrite, sphalerite?) aggregates. With a 5cm oxidized section in the middle with scattered hairline black mineralised veinlets.							
						LT	WH	PH	BLE	5I	Un	0.5
									OXI	2I	Un	0.5
74.40	87.60	13.20	GRN	MG	Medium to light grey tracely bleached and oxidized granite.							
						MD	GY	PH	OXI	1I	--	0
						LT	GY		BLE	1I		

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
87.60	88.00	0.40	GRN	MG	Strongly argillic granite with trace oxidation and friable clay present on fracture faces. Sulphide mineralisation occurs as a very fine grained aggregate?							
						LT	WH	PH	OXI	2I	Un	0.5
									ARG	4I		
									BLE	4I		
88.00	90.70	2.70	GRN	MG	Medium to light grey tracely bleached and oxidized granite.							
						MD	GY	PH	OXI	1I	--	0
						LT	GY		BLE	1I		
90.70	99.00	8.30	GRN	MG	Strongly fractured granite. Fractures are 1-4mm thick with white gouge, occur at a frequency of 18/m and are randomly oriented.							
						LT	GY	PH	ARG	2I	--	0
						LT	WH		BLE	2I		
99.00	100.80	1.80	GRN	MG	Medium to light grey tracely bleached and oxidized granite.							
						MD	GY	PH	OXI	1I	--	0
						LT	GY		BLE	1I		
100.80	101.30	0.50	GRN	MG	Strongly argillic granite with 2-3mm thick quartz veinlets at 45° TCA.							
						LT	GY	PH	ARG	4I	--	0
						LT	WH		BLE	1I		
101.30	107.80	6.50	GRN	MG	Medium to light grey tracely bleached and oxidized granite.							
						MD	GY	PH	OXI	1I	--	0
						LT	GY		BLE	1I		
107.80	108.30	0.50	GRN	MG	Bleached granite with 3mm thick vuggy quartz with weak sulphides.							
						LT	GY	PH	BLE	3I	Un	1
						LT	WH					
108.30	124.05	15.75	GRN	MG	Medium to light grey tracely bleached and oxidized granite.							
						MD	GY	PH	OXI	1I	Un	0.1
						LT	GY		BLE	1I		

Sample Log

HAM-12-012

Silver Range
Hammer Zone

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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	L845979	12-014	Core	ME8	☐	☐	☐
5.00	7.00	2.00	GRN	1.90	95	L845974	12-014	Core		☐	☐	☐
7.00	9.00	2.00	GRN	2.00	100	L845975	12-014	Core		☐	☐	☐
47.50	49.50	2.00	GRN, GRN	2.00	100	L845976	12-014	Core		☐	☐	☐
73.70	74.70	1.00	GRN	0.95	95	L845977	12-014	Core		☐	☐	☐
87.30	88.30	1.00	GRN	0.95	95	L845978	12-014	Core		☐	☐	☐
93.00	96.00	3.00	GRN	3.00	100	L845981	12-014	Core		☐	☐	☐
96.00	99.00	3.00	GRN	3.00	100	L845982	12-014	Core		☐	☐	☐
107.80	108.30	0.50	GRN	0.50	100	L845983	12-014	Core		☐	☐	☐
113.50	114.00	0.50	GRN	0.50	100	L845980	12-014	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	3.45	3.45	3.45	100	0.00	0	0R	--	--	
3.45	5.18	1.73	1.73	100	1.47	85	0R	4H	2W	
5.18	8.23	3.05	3.05	100	0.93	30	0R	3H	3W	
8.23	11.28	3.05	3.05	100	1.71	56	0R	4H	2W	
11.28	14.33	3.05	3.05	100	1.80	59	0R	4H	2W	
14.33	17.37	3.04	3.04	100	2.43	80	0R	4H	2W	
17.37	20.42	3.05	3.05	100	1.48	49	0R	4H	2W	
20.42	23.47	3.05	3.05	100	2.43	80	0R	4H	2W	
23.47	26.52	3.05	3.05	100	2.50	82	0R	4H	2W	
26.52	29.57	3.05	3.05	100	2.23	73	0R	4H	2W	
29.57	32.61	3.04	3.04	100	2.15	71	0R	4H	2W	
32.61	35.66	3.05	3.05	100	2.01	66	0R	4H	2W	
35.66	38.71	3.05	3.05	100	1.80	59	0R	4H	2W	
38.71	41.76	3.05	3.05	100	2.55	84	0R	4H	1W	
41.76	44.81	3.05	3.05	100	2.35	77	0R	4H	1W	
44.81	47.85	3.04	3.04	100	1.96	64	0R	4H	1W	
47.85	50.91	3.06	3.06	100	1.60	52	0R	4H	2W	
50.91	53.95	3.04	3.04	100	2.64	87	0R	4H	1W	
53.95	57.00	3.05	3.05	100	2.33	76	0R	4H	1W	
57.00	60.05	3.05	3.05	100	2.68	88	0R	4H	1W	
60.05	63.09	3.04	3.04	100	2.14	70	0R	4H	1W	
63.09	66.14	3.05	3.05	100	2.79	91	0R	4H	1W	
66.14	69.19	3.05	3.05	100	2.45	80	0R	4H	1W	
69.19	72.24	3.05	3.05	100	1.71	56	0R	4H	2W	
72.24	75.29	3.05	3.05	100	2.50	82	0R	4H	2W	
75.29	78.33	3.04	3.04	100	2.83	93	0R	4H	1W	
78.33	81.38	3.05	3.05	100	2.25	74	0R	4H	1W	
81.38	84.43	3.05	3.05	100	2.33	76	0R	4H	1W	
84.43	87.48	3.05	3.05	100	2.15	70	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	2.04	67	0R	3H	3W	
90.53	93.57	3.04	3.04	100	1.51	50	0R	3H	2W	
93.57	96.62	3.05	3.05	100	1.09	36	0R	3H	1W	
96.62	99.67	3.05	3.05	100	0.82	27	0R	3H	1W	
99.67	102.72	3.05	3.05	100	2.17	71	0R	3H	1W	
102.72	105.77	3.05	3.05	100	2.59	85	0R	3H	1W	
105.77	108.81	3.04	3.04	100	2.63	87	0R	4H	1W	
108.81	111.86	3.05	3.05	100	2.61	86	0R	4H	1W	
111.86	114.91	3.05	3.05	100	2.97	97	0R	4H	1W	
114.91	117.95	3.04	3.04	100	2.78	91	0R	4H	1W	
117.95	121.00	3.05	3.05	100	2.08	68	0R	4H	1W	
121.00	124.05	3.05	3.05	100	2.27	74	0R	4H	1W	EOH

HAM-12-012

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
0	0	CAS	Broken
1	0	CAS	Broken
2	0	CAS	Broken
3	0	CAS	Broken
4	0.14	GRN	
5	0.17	GRN	
6	0	GRN	Broken
7	0.43	GRN	
8	0	GRN	Broken
9	0.51	GRN	
9	0.51	GRN	
10	0.11	GRN	
11	0.21	GRN	
12	0	GRN	
13	0.13	GRN	
14	0.05	GRN	
15	0.12	GRN	
16	0.11	GRN	
17	0.05	GRN	
18	0.13	GRN	
19	0.17	GRN	
20	0.09	GRN	
21	0.11	GRN	
22	0.12	GRN	
23	0.13	GRN	
24	0.14	GRN	
25	0.12	GRN	
26	0	GRN	Broken
27	0.12	GRN	

Depth (m)	Magnetic Susceptibility	Unit	Comments
28	0.12	GRN	
29	0.12	GRN	
30	0.15	GRN	
31	0.12	GRN	
32	0	GRN	Broken
33	0	GRN	Broken
34	0.14	GRN	
35	0.13	GRN	
36	0.12	GRN	
37	0	GRN	Broken
38	0.17	GRN	
39	0.13	GRN	
40	0.13	GRN	
41	0.23	GRN	
42	0.08	GRN	
43	0.11	GRN	
44	0.17	GRN	
45	0.12	GRN	
46	0.13	GRN	
47	0.14	GRN	
48	0.18	GRN	
49	0.2	GRN	
50	0.3	GRN	
50	0.3	GRN	
51	0.22	GRN	
52	0.21	GRN	
53	0.5	GRN	
54	0	GRN	Broken
55	0.17	GRN	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
56	0.57	GRN	
57	0.13	GRN	
58	0.12	GRN	
59	0.82	GRN	
60	0.18	GRN	
61	0.19	GRN	
62	0.02	GRN	
63	0.11	GRN	
64	0.08	GRN	
65	0.32	GRN	
66	0.19	GRN	
67	0.44	GRN	
68	0.18	GRN	
69	0.13	GRN	
70	0.17	GRN	
71	0.17	GRN	
72	0.16	GRN	
73	0.11	GRN	
74	0.14	GRN	
75	0.04	GRN	
76	0.26	GRN	
77	0.09	GRN	
78	0.26	GRN	
79	0.13	GRN	
80	0.15	GRN	
81	0.13	GRN	
82	0.27	GRN	
83	1.03	GRN	
84	0.06	GRN	
85	0.52	GRN	
86	0.2	GRN	
87	0.14	GRN	
88	0	GRN	Broken
89	0.13	GRN	
90	0.27	GRN	
91	0	GRN	Broken
92	0.09	GRN	
93	0	GRN	Broken
94	0.1	GRN	
95	0	GRN	Broken
96	0	GRN	Broken
97	0	GRN	Broken
98	0	GRN	Broken
99	0	GRN	Broken
100	0.06	GRN	
101	0.05	GRN	
102	0.53	GRN	
103	0.16	GRN	
104	0.25	GRN	
105	0.13	GRN	
106	0.12	GRN	
107	0.14	GRN	
108	0.04	GRN	
109	0.09	GRN	
110	0.46	GRN	
111	0.14	GRN	
112	0.1	GRN	
113	0.04	GRN	
114	0.11	GRN	
115	0.13	GRN	
116	0.11	GRN	
117	0.21	GRN	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
118	0.05	GRN	
119	0.07	GRN	
120	0.16	GRN	
121	0.43	GRN	
122	0.28	GRN	
123	0.13	GRN	
124	0.05	GRN	EOH

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
HAM-12-012									
	21	16.2	NQ	GRN	847.2	524.3	2.6	2.6	Light grey granite.
	87	14	NQ	GRN	735.1	452.9	2.6	2.6	Medium grey granite.