Keg - Silver Range

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
10+015 NE	09+720 NW	595617	6918161	1626.33	96.62

ZONE: Hammer

SECTION:

HOLE: HAM-12-004

CLAIM: YD155447

Contractor: Platinum

Drill: 1

Core Size: NQ

Casing Depth: 2.66m, Out

Drilling Dates: Jun 19 - Jun 19, 2012

Geology Logged By: G. Titley

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	260	45	Compass
93.57	17	-45.2	Ranger

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.66	2.66	CAS
2.66	35.8	33.14	GRN
35.8	41	5.2	GRN
41	52.35	11.35	GRN
52.35	65.7	13.35	GRN
65.7	71	5.3	GRN
71	73.83	2.83	GRN
73.83	83.5	9.67	GRN
83.5	96.62	13.12	GRN

SAMPLES	
Numbers:	L845579 to L845612, L845643 to L845645
Total:	41
Batch:	003, 004, 005
Certificates:	WH12147489, WH12147780, WH12147781

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-12-004

Silver Range
Hammer Zone

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Box Number	From (m)	To (m)
1	2.66	7.76
2	7.76	13.71
3	13.71	19.19
4	19.19	24.72
5	24.72	30.4
6	30.4	35.95
7	35.95	41.33
8	41.33	46.61
9	46.61	52.34
10	52.34	57.29
11	57.29	62.71
12	62.71	68.47
13	68.47	73.83
14	73.83	79.2
15	79.2	84.76
16	84.76	90.13
17	90.13	95.7
18	95.7	96.62

Box Number	From (m)	To (m)

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	2.66	2.66	CAS	--	Casing, no recovery.							
						--	--	---	---	--	--	0
2.66	3.30	0.64	GRN	MG	Granite and granite rubble. Rubble is moderately oxidized.							
						MD	GY	PH	OXI	2I	--	0
3.30	4.00	0.70	GRN	MG	Intensely fractured granite. 40-70 TCA. Moderately to strongly oxidized; interstitial black sulphides in fracture infill.							
						MD	GY	PH	OXI	4I	Un	10
4.00	4.40	0.40	GRN	MG	Fresh, granite.							
						MD	GY	PH	---	--	--	0
4.40	4.55	0.15	GRN	MG	50 TCA intensely clayed white gouge.							
						LT	GY	PH	CLY	5I	--	0
4.55	11.80	7.25	GRN	MG	Bleached, moderately clay altered, tracely oxidized granite with trace black sulphide infill on shallow fractures (2/m).							
						MD	GY	PH	CLY	3I	Un	1
									BLE	3I		
									OXI	1I		
11.80	15.00	3.20	GRN	MG	Fresh granite.							
						MD	GY	PH	OXI	1I	--	0
15.00	15.90	0.90	GRN	MG	Bleached, moderately clay altered, tracely oxidized granite with trace black sulphide infill on shallow fractures (2/m).							
						MD	GY	PH	OXI	1I	--	0
									BLE	3I		
									CLY	3I		
15.90	17.10	1.20	GRN	MG	Fresh granite.							
						MD	GY	PH	---	--	--	0

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
17.10	19.00	1.90	GRN	MG	Bleached, moderately clay altered, tracely oxidized granite with trace black sulphide infill on shallow fractures (2/m). Hairline fractures 0-5 TCA with moderate black infill.							
						MD	GY	PH	OXI	1I	Un	2
									BLE	3I		
									CLY	3I		
19.00	25.70	6.70	GRN	MG	Fresh granite.							
						MD	GY	PH	---	--	--	0
25.70	28.90	3.20	GRN	MG	Bleached, moderately clay altered, tracely oxidized granite with trace black sulphide infill on shallow fractures (2/m).							
						MD	GY	PH	OXI	1I	Un	1
									BLE	3I		
									CLY	3I		
28.90	29.35	0.45	GRN	MG	Fresh granite.							
						MD	GY	PH	---	--	--	0
29.35	29.85	0.50	GRN	MG	Bleached, moderately clay altered, tracely oxidized granite with trace black sulphide infill on shallow fractures (2/m).							
						MD	GY	PH	OXI	1I	Un	0
									BLE	3I		
									CLY	3I		
29.85	32.00	2.15	GRN	MG	Fresh granite with up to 30cm section of moderately to strongly oxidized granite with black sulphide mineralisation.							
						MD	GY	PH	OXI	2I	Un	1
32.00	35.80	3.80	GRN	MG	Fresh granite.							
						MD	GY	PH	---	--	--	0
35.80	41.00	5.20	GRN	MG	Weak to moderately oxidized, weakly fractured granite. Black sulphide mineralisation occurs on 20-40 TCA fractures.							
						MD	GY	PH	OXI	3I	Un	3

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
41.00	43.40	2.40	GRN	MG	Moderately to intensely oxidized, locally intensely bleached, fractured and clayed granite with trace to strong randomly oriented (stockwork-like) veinlets with weak-strong black material. Infilled veinlets hairline to 4mm thick.							
						MD	GY	PH	OXI	5I	Un	3
						MD	BR		BLE	4I		
									CLY	4I		
43.40	43.41	0.01	QVN	MG	60 TCA quartz veinlet 1-1.5cm.							
						LT	GY	LA	---	--	--	0
43.41	51.95	8.54	GRN	MG	Moderately to intensely oxidized, locally intensely bleached, fractured and clayed granite with trace to strong randomly oriented (stockwork-like) veinlets with weak-strong black material. Infilled veinlets hairline to 4mm thick.							
						MD	GY	PH	OXI	5I	Un	3
						MD	BR		BLE	4I		
									CLY	4I		
51.95	51.97	0.02	QVN	MG	70 TCA, barren, up to 2cm thick quartz veinlet.							
						LT	GY	LA	---	--	--	0
51.97	52.35	0.38	GRN	MG	Moderately to intensely oxidized, locally intensely bleached, fractured and clayed granite with trace to strong randomly oriented (stockwork-like) veinlets with weak-strong black material. Infilled veinlets hairline to 4mm thick.							
						MD	BR	PH	OXI	5I	Un	3
						MD	GY		BLE	4I		
									CLY	4I		
52.35	58.80	6.45	GRN	MG	Strongly to moderately oxidized, bleached granite with scattered black sulphide mineralised veinlets up to 3mm thick.							
						MD	BR	PH	OXI	4I	Un	4
						LT	GY		BLE	3I		
58.80	65.70	6.90	GRN	MG	Weakly to strongly oxidized, bleached granite with scattered black sulphides and manganese oxides.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	GY	PH	OXI	2I	Un	2
						MD	BR		BLE	2I		
65.70	67.50	1.80	GRN	MG	Intensely clay altered, moderately to strongly oxidized, weak black sulphide powder. Gougy.							
						LT	GY	PH	OXI	3I	Un	1
						LT	BR		BLE	2I		
									CLY	5I		
67.50	67.65	0.15	GRN	MG	Intensely clay altered, moderately oxidized, silicified granite.							
						MD	GY	PH	OXI	3I	Un	1
									SIL	3I		
									BLE	2I		
									CLY	4I		
67.65	71.00	3.35	GRN	MG	Intensely clay altered, moderately to strongly oxidized, fair black sulphide powder on veinlets. Gougy.							
						LT	GY	PH	OXI	3I	Un	3
						LT	OR		BLE	2I		
									CLY	5I		
71.00	73.83	2.83	GRN	MG	Weakly to moderately oxidized and bleached granite with moderatel black sulphide powder on fracture faces.							
						LT	GY	PH	BLE	4I	Un	2
									OXI	3I		
73.83	73.90	0.07	QVN	CG	Region with a 1-1.5cm barren quartz vein at 35 TCA. Black material (sulphides) on contact with granite							
						LT	GY	PH	OXI	4I	Un	1
									BLE	3I		
									CLY	1I		
73.90	83.50	9.60	GRN	MG	Moderately to intensely oxidized, moderately clay altered granite with interstitial and veinlet infilled black sulphide powder.							
						MD	BR		BLE	3I		
						LT	GY	PH	OXI	4I	Un	1
									CLY	3I		
83.50	96.62	13.12	GRN	MG	Granite, tracely to weakly oxidized on fracture faces.							
						MD	GY	PH	OXI	1I	--	0

Sample Log

HAM-12-004

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	L845593	12-003	Core	ME8	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	L845600	12-003	Core	PL1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	L845587	12-003	Core		☑	☐	☐
3.30	4.00	0.70	GRN	0.59	84	L845579	12-003	Core		☐	☐	☐
31.00	34.00	3.00	GRN	2.84	95	L845580	12-003	Core		☐	☐	☐
34.00	37.00	3.00	GRN	2.90	97	L845581	12-003	Core		☐	☐	☐
37.00	40.00	3.00	GRN	2.54	85	L845582	12-003	Core		☐	☐	☐
37.00	40.00	3.00	GRN	2.54	85	L845583	12-003	Core		☐	☑	☐
40.00	42.00	2.00	GRN	1.73	87	L845584	12-003	Core		☐	☐	☐
42.00	44.00	2.00	GRN	1.90	95	L845585	12-003	Core		☐	☐	☐
44.00	46.70	2.70	GRN	2.50	93	L845586	12-003	Core		☐	☐	☐
46.70	48.00	1.30	GRN	1.20	92	L845588	12-003	Core		☐	☐	☐
48.00	49.50	1.50	GRN	1.03	69	L845589	12-003	Core		☐	☐	☐
49.50	52.00	2.50	GRN	1.38	55	L845590	12-003	Core		☐	☐	☐
52.00	54.00	2.00	GRN	1.47	74	L845591	12-003	Core		☐	☐	☐
54.00	56.40	2.40	GRN	1.67	70	L845592	12-003	Core		☐	☐	☐
56.40	57.00	0.60	GRN	0.55	92	L845594	12-003	Core		☐	☐	☐
57.00	57.90	0.90	GRN	0.67	74	L845595	12-003	Core		☐	☐	☐
57.90	58.80	0.90	GRN	0.75	83	L845596	12-003	Core		☐	☐	☐
58.80	61.80	3.00	GRN	3.00	100	L845597	12-003	Core		☐	☐	☐
61.80	64.00	2.20	GRN	0.77	35	L845598	12-003	Core		☐	☐	☐
64.00	65.80	1.80	GRN	1.48	82	L845599	12-003	Core		☐	☐	☐
65.80	67.00	1.20	GRN	1.20	100	L845601	12-003	Core		☐	☐	☐
67.00	68.00	1.00	GRN	0.98	98	L845602	12-003	Core		☐	☐	☐
68.00	70.00	2.00	GRN	1.92	96	L845603	12-003	Core		☐	☐	☐
68.00	70.00	2.00	GRN	1.92	96	L845604	12-003	Core		☐	☐	☑
70.00	72.00	2.00	GRN	1.65	83	L845605	12-003	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
72.00	73.80	1.80	GRN	1.80	100	L845606	12-003	Core		☐	☐	☐
73.80	75.80	2.00	GRN	1.91	96	L845607	12-003	Core		☐	☐	☐
75.80	76.80	1.00	GRN	0.68	68	L845608	12-003	Core		☐	☐	☐
76.80	79.20	2.40	GRN	2.03	85	L845609	12-004	Core		☐	☐	☐
79.20	81.20	2.00	GRN	2.00	100	L845610	12-004	Core		☐	☐	☐
81.20	82.50	1.30	GRN	1.30	100	L845611	12-004	Core		☐	☐	☐
82.50	84.00	1.50	GRN	1.12	75	L845612	12-004	Core		☐	☐	☐
87.00	88.50	1.50	GRN	1.17	78	L845643	12-004	Core		☐	☐	☐
88.50	91.50	3.00	GRN	2.89	96	L845644	12-004	Core		☐	☐	☐
91.50	93.00	1.50	GRN	1.50	100	L845645	12-005	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.66	2.66	0	0	0.00	0	--	--	--	casing, no recovery
2.66	5.18	2.52	2.11	84	0.62	25	0R	2H	3W	
5.18	8.23	3.05	2.86	94	1.86	61	0R	4H	2W	
8.23	11.28	3.05	2.99	98	2.80	92	0R	4H	2W	
11.28	14.33	3.05	2.31	76	0.81	27	0R	2H	3W	
14.33	17.38	3.05	2.23	73	1.02	33	0R	3H	3W	
17.38	20.43	3.05	2.76	90	1.93	63	0R	4H	3W	
20.43	23.47	3.04	2.87	94	1.32	43	0R	4H	2W	
23.47	26.52	3.05	2.61	86	1.58	52	0R	4H	2W	
26.52	29.57	3.05	2.74	90	2.26	74	0R	4H	2W	
29.57	32.61	3.04	2.7	89	1.48	49	0R	4H	2W	
32.61	35.66	3.05	2.99	98	1.61	53	0R	4H	2W	
35.66	38.71	3.05	1.89	62	0.42	14	0R	4H	3W	
38.71	41.76	3.05	2.46	81	0.91	30	0R	3H	3W	
41.76	44.81	3.05	2.85	93	0.89	29	0R	2H	4W	
44.81	47.85	3.04	2.09	69	0.44	14	0R	3H	4W	
47.85	50.90	3.05	2.03	67	0.36	12	0R	3H	3W	
50.90	53.94	3.04	2.5	82	1.24	41	0R	3H	3W	
53.94	56.99	3.05	2.75	90	0.88	29	0R	3H	3W	
56.99	60.04	3.05	2.95	97	0.80	26	0R	4H	3W	
60.04	63.09	3.05	2.8	92	1.15	38	0R	3H	3W	
63.09	66.14	3.05	2.79	91	0.55	18	0R	3H	4W	
66.14	69.19	3.05	2.17	71	0.35	11	0R	1H	3W	
69.19	72.23	3.04	2.2	72	0.00	0	0R	1H	4W	
72.23	75.29	3.06	2.95	96	0.80	26	0R	2H	3W	
75.29	78.33	3.04	2.81	92	0.97	32	0R	3H	3W	
78.33	81.38	3.05	2.72	89	0.88	29	0R	3H	3W	
81.38	84.43	3.05	2.93	96	1.33	44	0R	3H	4W	
84.43	87.48	3.05	2.92	96	0.75	25	0R	3H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	3.05	100	0.71	23	0R	4H	3W	
90.53	93.57	3.04	3.04	100	1.14	38	1R	3H	3W	
93.57	96.62	3.05	3	98	1.10	36	1R	4H	2W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
0	0	CAS	casing
1	0	CAS	casing
2	0	CAS	casing
3	0.04	GRN	
4	0	GRN	Broken
5	0	GRN	Rubble
6	0.05	GRN	
7	0	GRN	Broken
8	0.12	GRN	
9	0.17	GRN	
10	0.14	GRN	
11	0.12	GRN	
12	0	GRN	Broken
13	0.19	GRN	Broken
14	0	GRN	Broken
15	0	GRN	Broken
16	0	GRN	Broken
17	0	GRN	Broken
18	0.27	GRN	Broken
19	0	GRN	Broken
20	0.01	GRN	
21	0	GRN	Broken
22	0.18	GRN	
23	0.1	GRN	
24	0.16	GRN	
25	0	GRN	Broken
26	0.12	GRN	
27	0.1	GRN	
28	0.12	GRN	

Depth (m)	Magnetic Susceptibility	Unit	Comments
29	0.11	GRN	
30	0.12	GRN	
31	0.13	GRN	
32	0.07	GRN	
33	0.12	GRN	
34	0	GRN	Broken
35	0.24	GRN	
36	0.16	GRN	
37	0.04	GRN	
38	0	GRN	Broken
39	0.02	GRN	
40	0	GRN	Broken
41	0.03	GRN	
41	0.03	GRN	
42	0.04	GRN	
43	0.01	GRN	
44	0.01	GRN	
45	0	GRN	Broken
46	0	GRN	Broken
47	0	GRN	Broken
48	0	GRN	Broken
49	0	GRN	Broken
50	0	GRN	Broken
51	0.01	GRN	
52	0.03	GRN	
53	0	GRN	Broken
54	0.1	GRN	
55	0.13	GRN	
56	0.09	GRN	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
57	0.17	GRN	
58	0.07	GRN	
59	0	GRN	Broken
60	0.14	GRN	
61	0	GRN	Broken
62	0.13	GRN	
63	0.12	GRN	
64	0	GRN	Broken
65	0.12	GRN	
66	0	GRN	Broken
67	0.1	GRN	
68	0	GRN	Broken
69	0	GRN	Broken
70	0	GRN	Broken
71	0	GRN	Broken
71	0	GRN	Broken
72	0	GRN	Broken
73	0.02	GRN	
74	0.11	GRN	
75	0	GRN	Broken
76	0.01	GRN	
77	0.19	GRN	
78	0.17	GRN	
79	0.02	GRN	
80	0.01	GRN	
81	0.01	GRN	
82	0.16	GRN	
83	0	GRN	Broken
84	0.17	GRN	
85	0.21	GRN	
86	0	GRN	Broken
87	0.15	GRN	
88	0	GRN	Broken
89	0.17	GRN	
90	0	GRN	Broken
91	0.17	GRN	
92	0	GRN	Broken
93	0.11	GRN	
94	0.13	GRN	
95	0	GRN	Broken
96	0.08	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-12-004									
	27.5	14.5	NQ	GRN	682	478.8	2.3	3.4	Fresh granite
	41.9	13.9	NQ	GRN	719.1	434.7	2.5	2.5	Granite with interbedded quartz veins (cm scale)
	73.5	13.1	NQ	GRN	644.6	382.4	2.4	2.5	Fresh Granite