Keg - Silver Range

Archer, Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
10+015 NE	10+025 NW	595539	6918464	1516.31	169.77

ZONE: Hammer

SECTION:

HOLE: HAM-12-006

CLAIM: YD155447

Contractor: Platinum

Drill: 1

Core Size: NQ

Casing Depth: 2.6m, Out

Drilling Dates: -

Geology Logged By: R. Avram

SURVEY			
Depth (m)	Azimuth	Dip	Method
0	80	45	Compass
169.77	80	-45	Ranger

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	2.7	2.7	CAS
2.7	48.7	46	GRN
48.7	52.5	3.8	GRN
52.5	64.5	12	GRN
64.5	69	4.5	GRN
69	75.6	6.6	GRN
75.6	81.38	5.78	GRN
81.38	83.8	2.42	GRN
83.8	120.9	37.1	GRN
120.9	124.2	3.3	GRN
124.2	131.18	6.98	GRN
131.18	169.77	38.59	GRN

SAMPLES	
Numbers:	L845646 to L845694
Total:	59
Batch:	005, 006
Certificates:	WH12147781, WH12150914

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-12-006

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Box Number	From (m)	To (m)
1	2.7	8.32
2	8.32	14.07
3	14.07	19.66
4	19.66	25.54
5	25.54	32.04
6	32.04	36.63
7	36.63	42.27
8	42.27	47.94
9	47.94	53.39
10	53.39	58.67
11	58.67	64.25
12	64.25	69.53
13	69.53	75.05
14	75.05	80.77
15	80.77	86.31
16	86.31	92.13
17	92.13	97.8
18	97.8	103.4
19	103.4	109.04
20	109.04	114.79
21	114.79	120.5
22	120.5	126.08
23	126.08	131.48
24	131.48	137.24
25	137.24	142.72
26	142.72	148.56
27	148.56	154.33
28	154.33	160.18
29	160.18	165.82
30	165.82	169.77

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	2.70	2.70	CAS	--	Casing.							
						--	--	---	---	--	--	0
2.70	17.00	14.30	GRN	MG	Granite with trace iron-oxides on fracture faces, scattered calcite veinlets, locally foliated (micas) at 45 TCA. Hairline randomly oriented dark veinlets that seem to be made up of sulphides.							
						MD	GY	PH	OXI	1I	Un	1
									CLY	1I		
17.00	17.70	0.70	GRN	MG	Strongly bleached granite with 3 fractures <1mm thick. 50 TCA, black mineralisation.							
						LT	GY	PH	BLE	4I	Un	1
									OXI	1I		
									CLY	1I		
17.70	33.76	16.06	GRN	MG	Granite with trace iron-oxides on fracture faces, scattered calcite veinlets, locally foliated (micas) at 45 TCA. Hairline randomly oriented dark veinlets that seem to be made up of sulphides.							
						MD	GY	PH	OXI	1I	Un	1
									CLY	1I		
33.76	34.20	0.44	GRN	MG	Silicified, trace to weak sulphides. Disseminated to blebs up to 2mm large. (Sphalerite, chacopyrite, pyrrhotite?), dendritic manganese stains.							
						MD	GY	PH	SIL	4I	Un	1
									OXI	1I		
									CLY	1I		
34.20	48.70	14.50	GRN	MG	Granite with trace iron-oxides on fracture faces, scattered calcite veinlets, locally foliated (micas) at 45 TCA. Hairline randomly oriented dark veinlets that seem to be made up of sulphides.							
						MD	GY	PH	OXI	1I	Un	1
									CLY	1I		
48.70	52.50	3.80	GRN	MG	Moderately to intensely oxidized interval with 50cm large bleached sections at upper and lower contacts with fresh granite. Hairline dark grey veinlets with visible fine grained sulphides at 45 TCA. Yellowish carbonate alteration and oxidation present.							

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
						MD	RD	PH	OXI	5I	Un	1
						LT	WH		BLE	4I		
									SIL	4I		
52.50	64.50	12.00	GRN	MG	Tracely oxidized granite with locally weakly bleached sections, laminated quartz veinlets and sulphide infilled fractures.							
						MD	GY	PH	OXI	1I	Un	1
						LT	GY		BLE	2I		
64.50	69.00	4.50	GRN	MG	Strongly bleached, moderately argillite altered granite with hairline to 2mm dark grey veinlets. Moderately oxidized.							
						LT	GY	PH	OXI	3I	Un	1
									BLE	4I		
									CLY	3I		
69.00	75.60	6.60	GRN	MG	Fresh granite.							
						LT	GY	PH	---	--	--	0
75.60	75.90	0.30	GRN	MG	Strongly bleached granite with up to 30cm large fresh medium grey granite intervals. Hairline to 2mm veinlets with weak dark grey powder (sulphides) occur. Moderately oxidized.							
						LT	GY	PH	OXI	3I	Un	1
									BLE	4I		
75.90	76.00	0.10	GRN	MG	Strongly oxidized section with 1cm large laminated vuggy quartz veinlets and dark grey sulphide powder.							
						MD	OR		BLE	4I		
						LT	GY	PH	OXI	4I	Un	15
76.00	81.38	5.38	GRN	MG	Strongly bleached granite with up to 30cm large fresh medium grey granite intervals. Hairline to 2mm veinlets with weak dark grey powder (sulphides) occur. Moderately oxidized.							
						LT	GY	PH	OXI	3I	Un	1
									BLE	4I		
81.38	83.80	2.42	GRN	MG	Weakly to strongly oxidized granite with laminated quartz veinlets up to 6cm thick.							
						MD	GY	PH	OXI	3I	Un	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
83.80	120.90	37.10	GRN	MG	Mostly fresh granite with up to 10cm large occasionally bleached sections. Trace sulphides (pyrite and sphalerite) disseminated on hairline to 2mm quartz-carbonate fracture infill.							
						MD	GY	PH	BLE	1I	Un	0.1
120.90	124.20	3.30	GRN	MG	Bleached granite with moderate oxidation on fracture faces and trace disseminated sulphides							
						LT	GY	PH	BLE	4I	Un	0.1
									OXI	1I		
124.20	125.60	1.40	GRN	MG	Strongly bleached section with a laminated quartz veinlet and trace sulphide mineralisation.							
						LT	GY	PH	OXI	1I	Un	1
									BLE	4I		
									SIL	1I		
125.60	126.80	1.20	GRN	MG	Strongly siliceous, laminated, brecciated and oxidized bleached granite.							
						LT	GY	PH	SIL	4I	Un	3
								LA	OXI	4I		
								BX	BLE	4I		
126.80	129.60	2.80	GRN	MG	Weakly oxidized and moderately argillite altered granite.							
						LT	GY	PH	OXI	2I	Un	1
									CLY	2I		
129.60	131.18	1.58	GRN	MG	Strongly argillite altered, weakly bleached granite.							
						LT	GY	PH	BLE	2I	Un	1
									CLY	4I		
131.18	135.80	4.62	GRN	MG	Granite. Tracely mineralised with powdery sulphides. Ocassionally, interstitial sulphides in granite matrix.							
						MD	GY	PH	CLY	1I	Un	0.1
135.80	136.10	0.30	GRN	MG	Strongly bleached granite with trace powdery sulphides.							
						LT	GY	PH	OXI	1I	Un	1
									BLE	4I		
136.10	138.15	2.05	GRN	MG	Granite. Tracely mineralised with powdery sulphides. Ocassionally, interstitial sulphides in granite matrix.							
						LT	GY	PH	CLY	1I	Un	0.1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
138.15	138.50	0.35	GRN	MG	Bleached, strongly argillite altered granite with moderately sulphide mineralised 30 TCA veinlets 2-3mm thick.							
						LT	GY	PH	BLE	4I	Un	5
									CLY	4I		
138.50	169.77	31.27	GRN	MG	Granite. Tracely mineralised with powdery sulphides. Ocassionally, interstitial sulphides in granite matrix.							
						MD	GY	PH	CLY	1I	Un	0.1

Sample Log

HAM-12-006

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	L845659	12-005	Core	ME8	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	L845665	12-005	Core	PL1	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	L845671	12-005	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	L845684	12-006	Core	ME8	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	L845692	12-006	Core		☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	L845654	12-005	Core		☑	☐	☐
13.50	16.50	3.00	GRN	2.84	95	L845646	12-005	Core		☐	☐	☐
16.50	18.00	1.50	GRN	1.45	97	L845647	12-005	Core		☐	☐	☐
18.00	20.40	2.40	GRN	2.32	97	L845648	12-005	Core		☐	☐	☐
18.00	20.40	2.40	GRN	2.32	97	L845649	12-005	Core		☐	☑	☐
32.00	33.70	1.70	GRN	1.65	97	L845650	12-005	Core		☐	☐	☐
33.70	34.20	0.50	GRN	0.49	98	L845651	12-005	Core		☐	☐	☐
34.20	36.20	2.00	GRN	1.96	98	L845652	12-005	Core		☐	☐	☐
42.50	45.10	2.60	GRN	2.50	96	L845653	12-005	Core		☐	☐	☐
45.10	46.00	0.90	GRN	0.88	98	L845655	12-005	Core		☐	☐	☐
46.00	48.70	2.70	GRN	2.61	97	L845656	12-005	Core		☐	☐	☐
48.70	49.70	1.00	GRN, GRN	0.94	94	L845657	12-005	Core		☐	☐	☐
49.70	50.70	1.00	GRN	0.94	94	L845658	12-005	Core		☐	☐	☐
50.70	51.20	0.50	GRN	0.43	86	L845660	12-005	Core		☐	☐	☐
51.20	52.50	1.30	GRN	1.05	81	L845661	12-005	Core		☐	☐	☐
52.50	53.40	0.90	GRN, GRN	0.90	100	L845662	12-005	Core		☐	☐	☐
53.40	53.90	0.50	GRN	0.41	82	L845663	12-005	Core		☐	☐	☐
53.90	55.70	1.80	GRN	1.76	98	L845664	12-005	Core		☐	☐	☐
55.70	57.00	1.30	GRN	1.27	98	L845666	12-005	Core		☐	☐	☐
57.00	57.50	0.50	GRN	0.46	92	L845667	12-005	Core		☐	☐	☐
57.50	58.00	0.50	GRN	0.47	94	L845668	12-005	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
58.00	61.00	3.00	GRN	2.79	93	L845669	12-005	Core		☐	☐	☐
61.00	63.00	2.00	GRN	1.86	93	L845670	12-005	Core		☐	☐	☐
63.00	64.60	1.60	GRN	1.49	93	L845672	12-005	Core		☐	☐	☐
64.60	67.00	2.40	GRN	2.23	93	L845673	12-005	Core		☐	☐	☐
67.00	68.80	1.80	GRN	1.67	93	L845674	12-005	Core		☐	☐	☐
75.60	76.60	1.00	GRN, GRN	0.95	95	L845675	12-005	Core		☐	☐	☐
76.60	79.60	3.00	GRN	2.88	96	L845676	12-005	Core		☐	☐	☐
76.60	79.60	3.00	GRN	2.88	96	L845677	12-005	Core		☐	☐	☑
79.60	80.60	1.00	GRN	0.96	96	L845678	12-005	Core		☐	☐	☐
80.60	81.70	1.10	GRN	1.05	95	L845679	12-005	Core		☐	☐	☐
81.70	83.00	1.30	GRN	1.20	92	L845680	12-005	Core		☐	☐	☐
83.00	83.80	0.80	GRN	0.80	100	L845681	12-006	Core		☐	☐	☐
97.20	97.70	0.50	GRN	0.48	96	L845682	12-006	Core		☐	☐	☐
116.20	118.00	1.80	GRN	1.76	98	L845683	12-006	Core		☐	☐	☐
120.80	122.10	1.30	GRN	1.25	96	L845685	12-006	Core		☐	☐	☐
122.10	124.20	2.10	GRN	2.10	100	L845686	12-006	Core		☐	☐	☐
124.20	125.60	1.40	GRN, GRN	1.19	85	L845687	12-006	Core		☐	☐	☐
125.60	126.80	1.20	GRN	1.02	85	L845688	12-006	Core		☐	☐	☐
125.60	126.80	1.20	GRN	1.02	85	L845689	12-006	Core		☐	☐	☑
126.80	129.00	2.20	GRN	1.80	82	L845690	12-006	Core		☐	☐	☐
129.20	131.20	2.00	GRN	1.70	85	L845691	12-006	Core		☐	☐	☐
131.20	133.20	2.00	GRN	1.66	83	L845693	12-006	Core		☐	☐	☐
138.10	139.00	0.90	GRN	0.77	86	L845694	12-006	Core		☐	☐	☐

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	2.70	2.70	0	0	0.00	0	--	--	--	casing, no recovery
2.70	5.18	2.48	2.29	92	1.51	61	0R	4H	2W	
5.18	8.23	3.05	2.62	86	1.17	38	0R	4H	2W	
8.23	11.28	3.05	2.69	88	1.84	60	0R	4H	2W	
11.28	14.33	3.05	2.87	94	1.67	55	0R	4H	2W	
14.33	17.37	3.04	2.91	96	1.37	45	0R	4H	2W	
17.37	20.42	3.05	2.92	96	2.20	72	0R	4H	2W	
20.42	23.47	3.05	2.98	98	2.43	80	0R	4H	2W	
23.47	26.52	3.05	2.91	95	1.92	63	0R	4H	2W	
26.52	29.57	3.05	2.99	98	2.24	73	0R	4H	2W	
29.57	32.61	3.04	2.97	98	2.63	87	0R	4H	2W	
32.61	35.66	3.05	3	98	2.39	78	0R	4H	2W	
35.66	38.71	3.05	2.98	98	2.74	90	0R	4H	2W	
38.71	41.76	3.05	2.96	97	2.54	83	0R	4H	2W	
41.76	44.81	3.05	2.93	96	2.66	87	0R	4H	2W	
44.81	47.85	3.04	2.99	98	2.89	95	0R	4H	2W	
47.85	50.90	3.05	2.94	96	1.42	47	0R	3H	3W	
50.90	53.95	3.05	2.46	81	1.05	34	0R	2H	3W	
53.95	57.00	3.05	2.98	98	1.98	65	0R	4H	2W	
57.00	60.05	3.05	2.83	93	2.42	79	0R	4H	2W	
60.05	63.09	3.04	2.84	93	1.88	62	0R	4H	2W	
63.09	66.14	3.05	2.85	93	1.47	48	1R	4H	2W	
66.14	69.19	3.05	2.81	92	1.19	39	1R	3H	3W	
69.19	72.24	3.05	2.99	98	2.88	94	1R	4H	2W	
72.24	75.29	3.05	2.77	91	1.61	53	1R	4H	2W	
75.29	78.33	3.04	2.92	96	1.82	60	0R	3H	2W	
78.33	81.38	3.05	2.92	96	1.82	60	0R	3H	2W	
81.38	84.43	3.05	2.8	92	1.36	45	0R	3H	3W	
84.43	87.48	3.05	2.98	98	2.42	79	0R	4H	2W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
87.48	90.53	3.05	2.99	98	2.05	67	0R	4H	2W	
90.53	93.57	3.04	2.88	95	2.63	87	0R	4H	1W	
93.57	96.62	3.05	2.98	98	2.70	89	0R	4H	1W	
96.62	99.67	3.05	2.91	95	2.50	82	0R	4H	1W	
99.67	102.72	3.05	2.98	98	2.59	85	0R	4H	1W	
102.72	105.77	3.05	2.99	98	2.66	87	0R	4H	1W	
105.77	108.81	3.04	2.88	95	1.92	63	0R	4H	1W	
108.81	111.86	3.05	2.91	95	1.56	51	0R	4H	1W	
111.86	114.91	3.05	2.99	98	1.91	63	0R	4H	1W	
114.91	117.96	3.05	3	98	1.47	48	0R	4H	1W	
117.96	121.01	3.05	2.99	98	2.63	86	0R	4H	1W	
121.01	124.05	3.04	2.96	97	1.91	63	0R	4H	2W	
124.05	127.10	3.05	2.58	85	1.19	39	0R	2H	3W	
127.10	130.15	3.05	2.62	86	0.92	30	0R	2H	3W	
130.15	133.20	3.05	2.53	83	1.33	44	0R	2H	4W	
133.20	136.25	3.05	2.91	95	2.35	77	0R	3H	2W	
136.25	139.29	3.04	2.8	92	2.63	87	0R	3H	2W	
139.29	142.34	3.05	2.97	97	2.34	77	0R	4H	1W	
142.34	145.39	3.05	2.87	94	2.21	72	0R	4H	1W	
145.39	148.44	3.05	2.96	97	2.73	90	0R	4H	1W	
148.44	151.49	3.05	2.97	97	2.25	74	0R	4H	1W	
151.49	154.53	3.04	3.04	100	2.54	84	0R	4H	1W	
154.53	157.58	3.05	3.05	100	2.28	75	0R	4H	1W	
157.58	160.63	3.05	3.05	100	2.65	87	0R	4H	1W	
160.63	163.68	3.05	3.05	100	2.31	76	0R	4H	1W	
163.68	166.73	3.05	3.05	100	1.79	59	0R	4H	1W	
166.73	169.77	3.04	3.04	100	1.38	45	0R	4H	1W	EOH

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
0	0	CAS	casing
1	0	CAS	casing
2	0	CAS	casing
3	0.05	GRN	
4	0.05	GRN	
5	0.06	GRN	
6	0.06	GRN	
7	0.11	GRN	
8	0.11	GRN	
9	0.09	GRN	
10	0.12	GRN	
11	0.1	GRN	
12	0.15	GRN	
13	0.23	GRN	
14	0.11	GRN	
15	0.15	GRN	
16	0.1	GRN	
17	0.06	GRN	
18	0.11	GRN	
19	0.13	GRN	
20	0.11	GRN	
21	0.04	GRN	
22	0.13	GRN	
23	0.13	GRN	
24	0.03	GRN	
25	0.13	GRN	
26	0.16	GRN	
27	0.11	GRN	
28	0.15	GRN	

Depth (m)	Magnetic Susceptibility	Unit	Comments
29	0.15	GRN	
30	0.04	GRN	
31	0.05	GRN	
32	0.15	GRN	
33	0.06	GRN	
34	0.28	GRN	
35	0.11	GRN	
36	0.13	GRN	
37	0.06	GRN	
38	0.1	GRN	
39	0.04	GRN	
40	0.09	GRN	
41	0.11	GRN	
42	0.1	GRN	
43	0.1	GRN	
44	0.1	GRN	
45	0.05	GRN	
46	0.1	GRN	
47	0.14	GRN	
48	0.12	GRN	
49	0	GRN	Broken
50	0.16	GRN	
51	0	GRN	Broken
52	0	GRN	Broken
53	0.13	GRN	
54	0.26	GRN	
55	0.05	GRN	
56	0.14	GRN	
57	0	GRN	Broken

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
58	0.14	GRN	
59	0.11	GRN	
60	0.07	GRN	
61	0.07	GRN	
62	0.07	GRN	
63	0.2	GRN	
64	0.12	GRN	
65	0.04	GRN	
66	0.04	GRN	
67	0.07	GRN	
68	0.04	GRN	
69	0.13	GRN	
69	0.13	GRN	
70	0.12	GRN	
71	0.06	GRN	
72	0.06	GRN	
73	0.05	GRN	
74	0	GRN	Broken
75	0.13	GRN	
76	0.19	GRN	
77	0.1	GRN	
78	0.07	GRN	
79	0.16	GRN	
80	0.16	GRN	
81	0.13	GRN	
82	0	GRN	Broken
83	0.18	GRN	
84	0.15	GRN	
85	0.12	GRN	
86	0.1	GRN	
87	0.14	GRN	

Depth (m)	Magnetic Susceptibility	Unit	Comments
88	0.3	GRN	
89	0.16	GRN	
90	0.14	GRN	
91	0.13	GRN	
92	0.07	GRN	
93	0.12	GRN	
94	0.14	GRN	
95	0	GRN	Broken
96	0.12	GRN	
97	0.13	GRN	
98	0.13	GRN	
99	0.15	GRN	
100	0.14	GRN	
101	0.12	GRN	
102	0.26	GRN	
103	0.18	GRN	
104	0.12	GRN	
105	0.15	GRN	
106	0.13	GRN	
107	0.07	GRN	
108	0.16	GRN	
109	0.24	GRN	
110	0	GRN	Broken
111	0	GRN	Broken
112	0.22	GRN	
113	0.06	GRN	
114	0.14	GRN	
115	0.22	GRN	
116	0.22	GRN	
117	0	GRN	Broken
118	0.14	GRN	

Depth (m)	Magnetic Susceptibility	Rock Type	Comments
119	0.12	GRN	
120	0.15	GRN	
121	0.15	GRN	
122	0	GRN	Broken
123	0.05	GRN	
124	0.05	GRN	
125	0.16	GRN	
126	0	GRN	Broken
127	0	GRN	Broken
128	0.48	GRN	
129	0.15	GRN	
130	0	GRN	Broken
131	0	GRN	Broken
132	0.17	GRN	
133	0.12	GRN	
134	0.08	GRN	
135	0.17	GRN	
136	0	GRN	Broken
137	0.12	GRN	
138	0.32	GRN	
139	0.03	GRN	
140	0.29	GRN	
141	0.13	GRN	
142	0.14	GRN	
143	0.12	GRN	
144	0.16	GRN	
145	0.18	GRN	
146	0.11	GRN	
147	0.27	GRN	
148	0.12	GRN	
149	0.12	GRN	

Depth (m)	Magnetic Susceptibility	Unit	Comments
150	0.13	GRN	
151	0.1	GRN	
152	0.12	GRN	
153	0.13	GRN	
154	0	GRN	Broken
155	0.13	GRN	
156	0.17	GRN	
157	0.13	GRN	
158	0.15	GRN	
159	0.13	GRN	
160	0.13	GRN	
161	0.13	GRN	
162	0.08	GRN	
163	0.13	GRN	
164	0.13	GRN	
165	0.12	GRN	
166	0.22	GRN	
167	0	GRN	Broken
168	0.09	GRN	
169	0.13	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-12-006									
	21.3	15.3	NQ	GRN	795.5	495.7	2.6	2.7	
	63.8	15.8	NQ	GRN	828.8	516.8	2.6	2.7	
	115	17.2	NQ	GRN	920.8	578.1	2.6	2.7	
	160.45	12.6	NQ	GRN	667.4	421.8	2.6	2.7	