283021

RGC EXPLORATION DRILL HOLE RECORD

HOLE NUMBER	MX001	**DRILLED BY**	DDTAS
PROJECT	Moxon Saddle	**NORTHING**	5367604
PROSPECT	Moxon Saddle	**EASTING**	381396
DESIGNED BY	D Gregory/K Denwer	**RL**	740m
LOGGED BY	D Gregory	**INCLINATION**	-60
COMMENCED	13/02/1997	**AZIMUTH**	280 AMG
FINISHED	14/03/1997	**EOH**	193.5m

PURPOSE

Recent modelling of 1990 BHP IP data by Chris Dauth over Moxon Saddle indicate a shallow steeply dipping conductor. It also revealed that the original planned drill hole in 1994 will not intersect the IP target and there may also be complications by drilling through the North and South Henty Faults. The new location will collar in the Tyndall Group rocks and will intersect the IP target 70-90m below the surface. Drilling will continue through the IP target to gain information on the Tyndall Stratigraphy north of Henty Gold Mine and possibly its contact with the South Henty Fault.

SURVEY DATA

DEPTH	INC.	AZ.	DEPTH	INC.	AZ.	DEPTH	INC.	AZ.
0m	-60	280	90	-55	281	180	-53.8	278
30	-58	278	121	-55	280	193.5	-53.5	278
60	-56.8	280	150	-54.8	279			

DRILLING DATA

HOLE SIZE	DEPTH	COMMENTS
HQ	0 - 50.9	126m of NQ rods plus barrel left in hole.
NQ	50.9 - 193	Not cased with PVC. No DHEM Survey.

SUMMARY

Summary Log:-	
0 - 70.8	Rhyolite lava and breccia
70.8 - 84.4	Rhyolitic volcaniclastic sediments
84.4 - 90.8	Black Siltstone
90.8 - 105.2	Rhyolitic volcaniclastic sediments
105.2 - 120.2	Rhyolite lava
120.2 - 128.2	Mixed sequence of rhyolitic lavas and sediments
128.2 - 137.7	Rhyolite lava
137.7 - 190.1	Mixed sequence of rhyolitic sediments and minor lavas
190.1 - 193.5	Cataclasite (Henty Fault Zone)

The most significant mineralised intersections in the Moxon Saddle drill hole MX001 was 71.9 - 86m 14.1m @ 0.26% Pb within mixed epiclastics. Au was above detection limit in most samples except those taken adjacent to the Henty Fault (depleted). The highest gold value was 0.16g/t from 92 - 93m within rhyolitic volcaniclastic sandstones. All other elements analysed (Cu, Zn, As, Ag, Bi) were insignificant.

SAMPLE	HOLE	FROM	TO	Cu	Pb	Zn	Au	Ag	Bi	As
263046	MX001	66	67	149	119	72	0.02	1	17	8
263047	MX001	67	68	11	25	70	-0.01	1	20	3
263048	MX001	68	69	15	175	80	-0.01	-1	12	12
263049	MX001	69	70	39	183	119	0.01	-1	19	19
263050	MX001	70	70.7	17	123	110	0.04	1	19	16
263051	MX001	70.7	71.9	7	200	111	0.02	1	25	12
263052	MX001	71.9	73	25	3554	251	0.05	1	21	67
263053	MX001	73	74	19	5200	347	0.02	1	24	26
263054	MX001	74	75	14	3677	301	0.02	1	27	23
263055	MX001	75	76	15	7700	183	-0.01	2	38	26
263056	MX001	76	77	15	190	259	0.02	3	38	15
263057	MX001	77	78	20	1856	369	0.01	1	44	32
263001	MX001	78	79	16	2915	326	0.1	2	-10	-50
263002	MX001	79	80	22	664	306	0.07	2	-10	68
263003	MX001	80	81	20	1502	201	0.06	2	-10	-50
263004	MX001	81	82	15	1480	190	0.06	1	-10	-50
263005	MX001	82	83	42	2234	450	0.04	2	-10	62
263006	MX001	83	84	11	1223	545	0.04	2	-10	-50
263007	MX001	84	85	27	2956	153	0.03	1	-10	69
263008	MX001	85	86	60	1085	1080	0.07	1	-10	66
263009	MX001	86	87	23	352	430	0.04	1	-10	80
263010	MX001	87	88	29	699	370	0.02	1	-10	-50
263011	MX001	88	89	19	455	86	0.03	1	-10	-50
263012	MX001	89	90	19	337	226	0.03	1	-10	68
263013	MX001	90	91	22	258	330	0.03	1	-10	61
263014	MX001	91	92	11	17	60	0.04	1	-10	62
263015	MX001	92	93	7	501	86	0.18	1	-10	56
263016	MX001	138	141	37	110	172	0.03	1	-10	87
263017	MX001	141	144	25	174	331	0.02	1	-10	-50
263018	MX001	144	147	16	10	79	0.02	1	-10	103
263019	MX001	150	153	4	-3	70	0.02	1	-10	58
263020	MX001	153	156	5	-3	33	0.02	-1	-10	51
263021	MX001	160	163	4	3	3	0.03	1	-10	-50
263022	MX001	163	166	5	16	55	0.07	1	-10	-50
263023	MX001	166	169	5	-3	52	0.04	-1	21	-50

SAMPLE	HOLE	FROM	TO	Cu	Pb	Zn	Au	Ag	Bi	As
263024	MX001	169	172	11	6	92	0.04	1	-10	62
263025	MX001	172	175	7	8	84	0.03	1	-10	-50
263027	MX001	175	176	16	76	224	0.05	2	-10	-50
263028	MX001	176	177	8	22	82	0.04	1	-10	-50
263029	MX001	177	178	9	6	70	0.03	1	-10	66
263030	MX001	178	179	7	10	6	0.03	1	-10	-50
263031	MX001	179	180	10	20	75	0.01	1	-10	75
263032	MX001	180	181	8	13	6	0.01	2	-10	-50
263033	MX001	181	182	9	9	79	0.02	1	-10	-50
263034	MX001	182	183	5	8	70	-0.01	1	-10	66
263035	MX001	183	184	8	3	70	-0.01	1	-10	-50
263036	MX001	184	185	5	10	60	-0.01	1	-10	54
263037	MX001	185	186	5	3	50	-0.01	1	-10	60
263038	MX001	186	187	4	12	67	-0.01	1	-10	68
263039	MX001	187	188	7	4	43	-0.01	1	-10	-50
263041	MX001	188	189	10	8	47	0.01	1	-10	-50
263042	MX001	189	190	11	6	33	-0.01	1	-10	-50
263043	MX001	190	191	13	92	211	0.05	1	-10	73
263044	MX001	191	192	122	174	40	0.04	2	-10	147
263045	MX001	192	193.5	20	92	314	0.02	1	-10	56
		Detection Limit		2	3	2	0.01	1	10	50
		Units		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		Method		GA140	GA140	GA140	GG309	GA140	GA140	GA140
		Laboratory		Analabs	Analabs	Analabs	Analabs	Analabs	Analabs	Analabs

RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 1 OF 10

Bedding
Cleavage
Foliation
Fault, Shear
Breccia
Broken core
Disseminated
Massive
Pervasive
Narrow vein
* Visible gold

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 26/3/97
LOGGED BY	: D.G.

HOLE DEPTH | SAMPLE No PREFIX | ASSAY RESULTS | STRUCT. | GRAPHIC LOG | ALTERATION (SIL. SER. PY. Alb.) | GEOLOGY NOTES | SUMMARY (ROCK, ALTERATION)

Rhyolite lava + Breccias

0-70.75 light pink - grey qtz ± phyric rhyolite lava and intrus. lava breccias (Autobrecciation).
10% qtz planes 1-5mm
5-7% Gold planes 1-7mm.
Mod patchy - pervasive albite alteration. Minor chlorite microveinlets forming in interstices between clasts in breccia zones.
Pyrite often occurs as large upto 7mm disseminated euhedral grains (0.5%) and rarely as microveinlets
Minor carbonate replacement of feldspars.
Minor planar qtz, qtz-cb veining

Interp: Most likely a rhyolite lava dome + associated local autobrecciation.

VEIN 77°

14.5 Qtz-Cb vein

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 2 OF 10

Bedding
Cleavage
Foliation
Fault, Shear
Breccia
Broken core
Disseminated
Massive
Pervasive
Narrow vein
* Visible gold

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 26-3-97
LOGGED BY	: DG

HOLE DEPTH | SAMPLE No PREFIX | ASSAY RESULTS | STRUCT. | GRAPHIC LOG | ALTERATION (SIL. SER. PY. Alb. Chl.) | GEOLOGY NOTES | SUMMARY (ROCK, ALTERATION)

22.5 planar 90° qtz-ch vein

REMARKS

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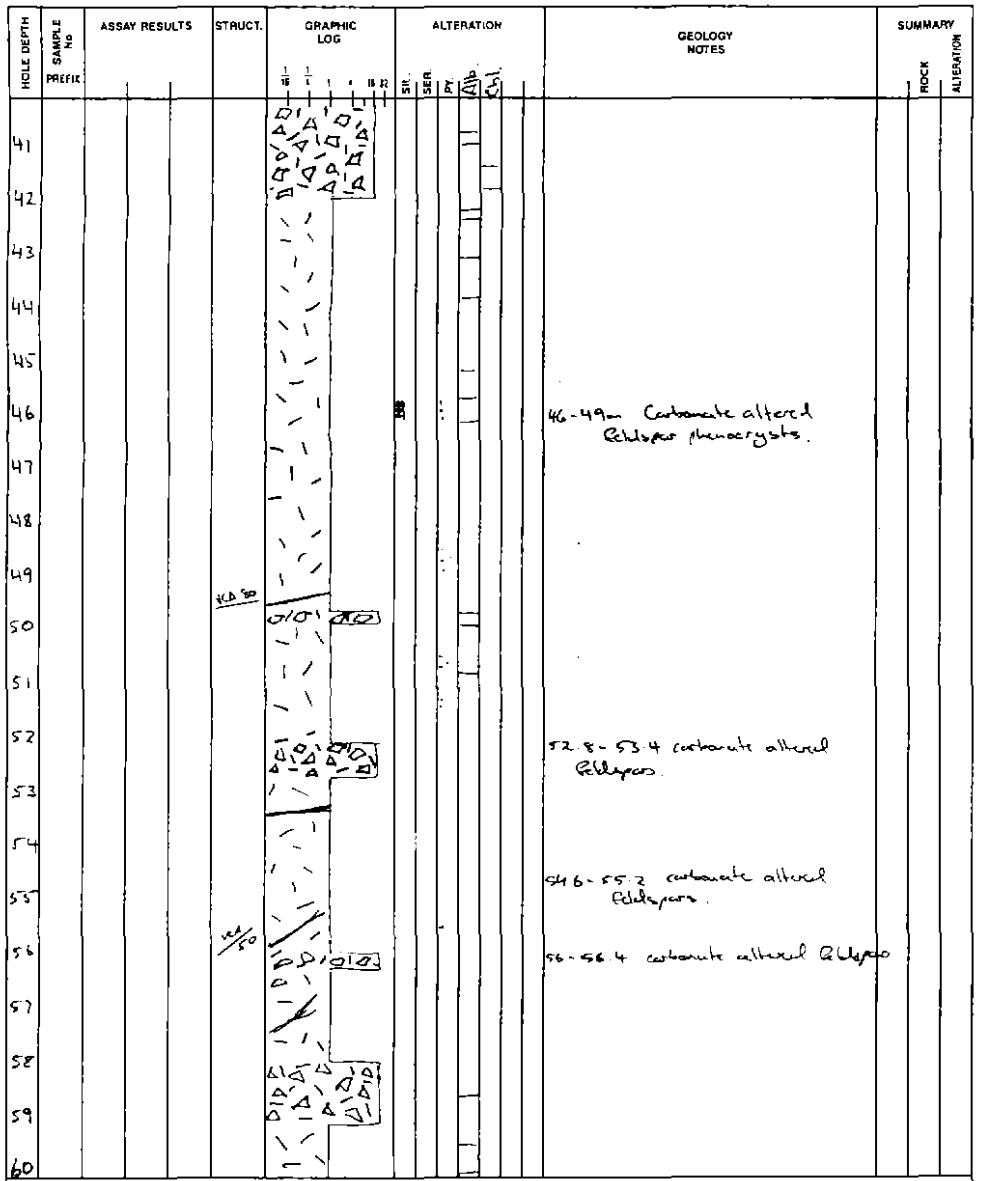
RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 3 OF 10

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 24-3-97
LOGGED BY	:

— Bedding
⌴ Cleavage
Foliation
Fault, Shear
Breccia
Broken core
Disseminated
Massive
Pervasive
Narrow vein
* Visible gold



REMARKS

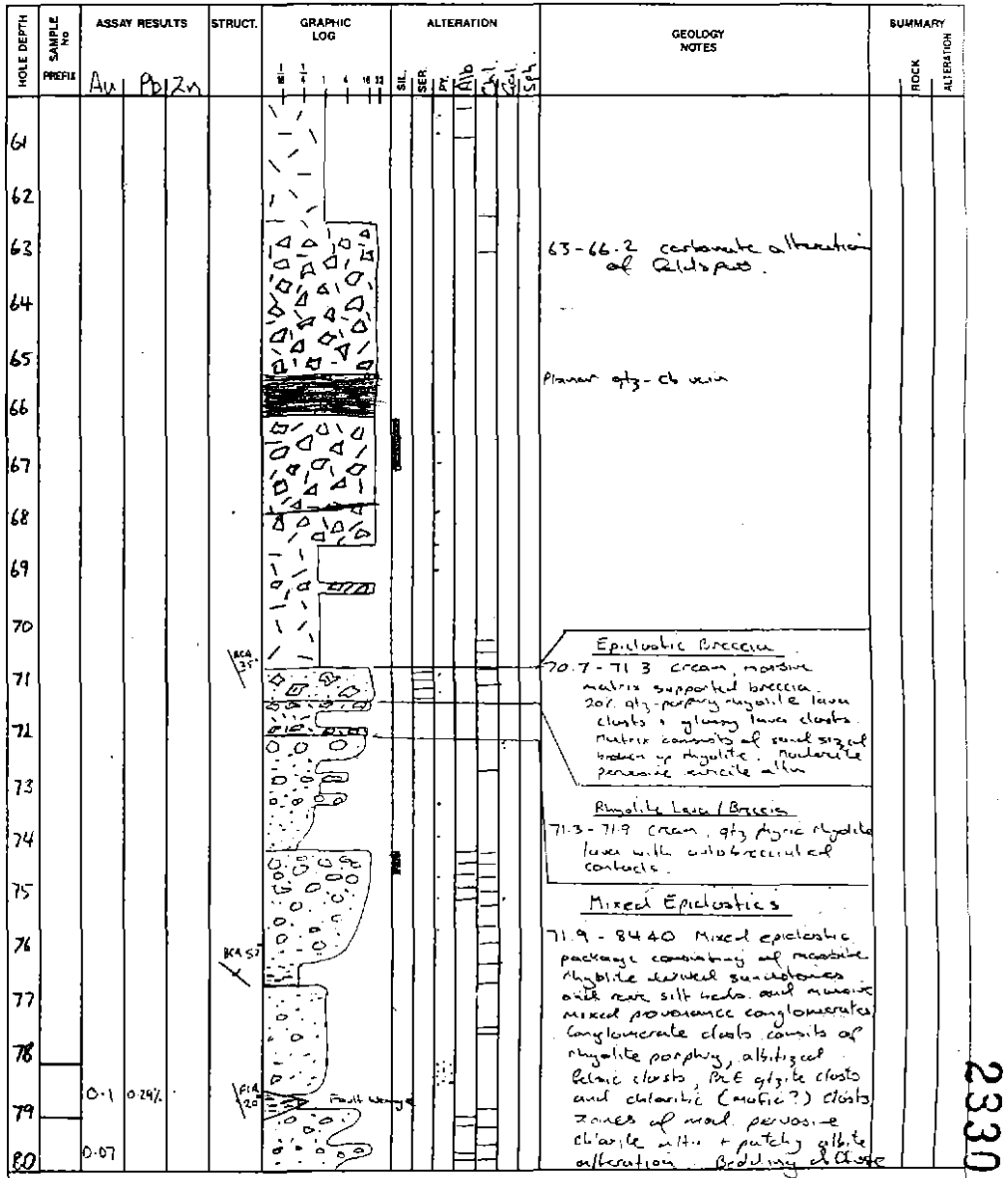
RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 4 OF 10

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 26-3-97
LOGGED BY	: D G

— Bedding
⌴ Cleavage
Foliation
Fault, Shear
Breccia
Broken core
Disseminated
Massive
Pervasive
Narrow vein
* Visible gold



REMARKS

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RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 5 OF 10

Bedding | Cleavage | Foliation | Fault, Shear | Breccia | Broken core
Disseminated | Massive | Pervasive | Narrow vein | * Visible gold

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 27.3.97
LOGGED BY	: DG

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS Au	Pb	Zn	STRUCT.	GRAPHIC LOG	ALTERATION SIL.	SER.	PY	Alb.	Chl.	Cal.	Spa.	GEOLOGY NOTES	SUMMARY ROCK	ALTERATION
81		0.06	0.15%													
82		0.06	0.19%													
83		0.04	0.22%													
84		0.04	0.12%		BCA 42											
85		0.03	0.29%											Black siltstones. 84.40 - 90.82 black-grey, very thin - medium bedded siltstones with minor immature sandstone beds and pale cream mud lenses.		
86		0.07	0.40%	0.10%	BCA 39											
87		0.04												89.05 - 89.60 Rhyolite lava with >20% fld xtal rich lense/top? (gravity settling?)		
88		0.02														
89		0.07												90 - 90.18 fld-phyric dacite lava.		
90		0.03														
91		0.07												Rhyolitic Volcaniclastics		
92		0.04												90.82 - 105.20 Package of massive qtz-fld rhyolitic volcan. mudstones + coarser rhyolitic lithic volcaniclastics beds. Minor rhyolitic epiclastic conglomerates. Strong chlorite alter of some qtz phyric rhyolite clasts. (glassy?)		
93		0.16%														
94																
95																
96																
97																
98																
99																
100																

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

Bedding | Cleavage | Foliation | Fault, Shear | Breccia | Broken core
Disseminated | Massive | Pervasive | Narrow vein | * Visible gold

SHEET 6 OF 10

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 28.3.97
LOGGED BY	: DG

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION SIL.	SER.	PY	Alb.	Cal.	Spa.	GEOLOGY NOTES	SUMMARY ROCK	ALTERATION
101													
102													
103													
104													
105													
106											Rhyolite lava 105.20 - 120.20 cream, massive qtz-fld. rhyolite. 15% qtz phenos 0.5 - 1.5mm 0-5% fld phenos 0.5 - 1.5mm Minor planar qtz-cb veining, patchy wk albite + wk sericite alter. <0.5%. Fine grained disseminated euhedral pyrite		
107													
108													
109													
110													
111													
112													
113													
114													
115													
116													
117													
118													
119													
120													

REMARKS

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RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 7 OF 10

Bedding | Cleavage | Foliation | Fault, Shear | Breccia | Broken core
Disseminated | Massive | Pervasive | Narrow vein | * Visible gold

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 28.3.97
LOGGED BY	: D.G.

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS Au	Pb	Zn	STRUCT.	GRAPHIC LOG	ALTERATION SIL	SER.	PY.	Alb.	Chl.	Carb.	Sph.	GEOLOGY NOTES	SUMMARY ROCK	ALTERATION
121					CA 45									Mixed Package of Rhyolites + Coarse Sediments 120.20 - 128.20 A mixed package of poorly qtz phyric glassy spherulitic bearing rhyolite lavas + black silty sediments with rounded rhyolite clasts + minor sst clasts. Clasts are elongate and appear to be bedding parallel. Not quite sure what to interpret perhaps a rhyolite dome has grown up + intruded into black silty sediments ? Perhaps interbedded silts, sst + small thin rhyolite lavas which have been deformed ductily and resulted in a mixed bedding package.		
122																
123					BCA 33											
124																
125																
126																
127					BCA 81											
128														Rhyolite 128.20 - 137.70 Cream, massive qtz phyric, minor spherulitic rhyolite. 2-5% qtz phenos 0.5 - 3mm <1% disseminated euhedral Pyrite.		
129																
130																
131																
132																
133																
134																
135																
136																
137																
138					BCA 14									Mixed Sediments.		
139																
140	0	0.01														

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 8 OF 10

Bedding | Cleavage | Foliation | Fault, Shear | Breccia | Broken core
Disseminated | Massive | Pervasive | Narrow vein | * Visible gold

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 8.4.97
LOGGED BY	: D.G.

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS Au	Pb	Zn	STRUCT.	GRAPHIC LOG	ALTERATION SIL	SER.	PY.	Alb.	Chl.	Carb.	Sph.	GEOLOGY NOTES	SUMMARY ROCK	ALTERATION
141														137.70 - 145.80 A mixed package of qtz rich volcaniclastic sst + cong/breccias with a black silty matrix and sst + rhyolite clasts with ore matrix supported. possibly a tectonic fabric ie boudinage of interbedded sst + silts ?		
142																
143		0.02			FOL 28											
144																
145																
146		0.02												Volcaniclastic sst - Epiclastic conglomerate ? 145.80 - 154.05 Cream - grey/green tectonically brecciated + milled volcaniclastic sandstone + probably epiclastic conglomerate. Mostly Rhyolite derived. Epiclastics more chlorite altered.		
147																
148																
149																
150																
151		0.02														
152																
153																
154																
155		0.02												Rhyolitic conglomerates + Rhyolite 154.05 - 161.04 pink-cream monomict rhyolitic conglomerates + minor rhyolite lava/intrus. Conglomerates may have been hyaloclastites or autoclastics which have been ductily deformed + milled as others above ?		
156																
157																
158																
159																
160																

REMARKS

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RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 9 OF 10

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 8.4.97
LOGGED BY	: D.G

Bedding · Cleavage · Foliation · Fault, Shear · Breccia · Broken core
Disseminated · Massive · Pervasive · Narrow vein · * Visible gold

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS Au	Pb	Zn	STRUCT.	GRAPHIC LOG	ALTERATION SIL	SER	PY	Alb	Chl	Carb	Sph	GEOLOGY NOTES	SUMMARY ROCK	ALTERATION
161					38									Sst Conglomerate ? 161.04 - 164.75 Greyish green, massive, monomict conglomerate. Clasts are matrix supported. Sst clasts are elongate - rounded in a chloritic similar sst matrix. Tectonic		
162		0.03														
163																
164																
165		0.07												Rhyolitic conglomerate ? 164.75 - 168.57 greyish green, massive, monomict, matrix supported conglomerate. Rhyolitic clasts supported in a black silty matrix and probably a sst matrix ? Minor rhyolite lenses. Tectonic ?		
166																
167																
168		0.06														
169														Volcaniclastic sst. 168.57 - 172.50 greyish green, massive, qtz rich volcaniclastic sandstone with minor pervasive chlorite alteration + abundant irregular carbonate veins. Tectonic		
170																
171		0.04														
172																
173														Rhyolitic Conglomerate ? 172.50 - 190.05 Greyish green - yellow cream, massive, matrix supported conglomerate, mainly locally derived rhyolite clasts + minor sst clasts. Matrix fine black silt. rhyolite derived sst. Minor pervasive chlorite alteration. Tectonic		
174		0.03														
175																
176		0.05														
177		0.04														
178		0.03														
179		0.03														
180		0.01														

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No MX001

SHEET 10 OF 10

PROJECT	:
PROSPECT	: Moxon Saddle
DATE	: 8.4.97
LOGGED BY	: D.G

Bedding · Cleavage · Foliation · Fault, Shear · Breccia · Broken core
Disseminated · Massive · Pervasive · Narrow vein · * Visible gold

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS Au	Pb	Zn	STRUCT.	GRAPHIC LOG	ALTERATION SIL	SER	PY	Alb	Chl	Carb	Sph	GEOLOGY NOTES	SUMMARY ROCK	ALTERATION
181		0.01														
182		0.02												182 - 190.05 mod - strong pervasive sil + Cb altn.		
183		L														
184		L														
185		L														
186		L														
187		L														
188		L														
189		L														
190		L			FC 12°											
191		0.05												Cataclasite 190.05 - 193.50 grey pug zone with minor siliceous kernals + diseminated sulphides - pyrite. Minor Quartz vein altn in pug + kernals. Eoh		
192		0.04														
193		0.02														
194																

REMARKS

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