

RGC EXPLORATION DRILL HOLE RECORD

HOLE NUMBER	WSP5	DRILLED BY	Fred Ortner
PROJECT	White Spur	NORTHING	5360891
PROSPECT		EASTING	376894
DESIGNED BY	M Vicary	RL	560
LOGGED BY	M Vicary	INCLINATION	-70
COMMENCED	04-05-1997	AZIMUTH	090
FINISHED	05-06-1997	EOH	385.5

PURPOSE

To test the White Spur Formation - Central Volcanic Sequence contact about 400m south of a possible growth fault. There is a marked increase in the thickness of the basal White Spur Formation to the south of the growth fault.

SURVEY DATA

DEPTH	INC.	AZ.	DEPTH	INC.	AZ.	DEPTH	INC.	AZ.
0	-70	090	150	-68.2	095	300	-66	096
30	-69.2	091	180	-67.8	094	330	-66.5	097
60	-68.8	095	210	-66.8	095	360	-66	097
90	-68.5	094	240	-66.7	096			
120	-68.3	094.5	270	-66.2	094			

DRILLING DATA

HOLE SIZE	DEPTH	COMMENTS
HQ	0 - 62.4	Hole cased with PVC
NQ	62.4 - EOH	DHEM survey performed

SUMMARY

Summary Log:-	
0 - 92	Rhyolite Intrusive
92 - 295.1	White Spur Formation
295.1 - EOH	Central Volcanic Sequence
The upper part of the Central Volcanic Sequence was moderately sericite - chlorite altered.	
Disseminated and microveins of sphalerite and galena are common from 292 to 309m. This zone returned assays of 17m at 0.77% Zn and 0.39% Pb, including 2.5m at 1.6% Zn and 0.78% Pb from 304.5 to 307m.	

RGC EXPLORATION PTY LTD

DRILL HOLE No WSP5 (SUMMARY)

SHEET 1 OF 2

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⊠ Breccia
- ⊞ Broken core
- ⊞ Disseminated
- Massive
- ▨ Pervasive
- ⚡ Narrow vein
- * Visible gold

PROJECT : EL 5195 WHITE SPUR
 PROSPECT :
 DATE : MAY-JUNE 1997
 LOGGED BY : M VICARY

HOLE DEPTH M	SAMPLE NO PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
0-92.0						0-92.0 Feldspar-quartz phytic Ethyolite intrusion	CP	IRC	
92.0-94.8						92.0-94.8 Black siltstone	C4SS	SILT	
94.8-110						94.8-110 M gr feldspar rich volcaniclastic sandstone	CapM	VDFM	
110-152.7						110-152.7 Black siltstone	C4SS	SILT	
152.7-158.7						152.7-158.7 Ashy siltstone			
158.7-189.5						158.7-189.5 Interbedded ashly siltstone and f-m gr volcaniclastic sandstone	Cap	VDFM, VDFP	IDA
189.5-200.6						189.5-200.6 Ashy Siltstone	IDA		

REMARKS

427097

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DRILL HOLE No WSP5 (SUMMARY)

SHEET 2 OF 2

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⊠ Breccia
- ⊞ Broken core
- ⊞ Disseminated
- Massive
- ▨ Pervasive
- ⚡ Narrow vein
- * Visible gold

PROJECT :
 PROSPECT :
 DATE :
 LOGGED BY :

HOLE DEPTH M	SAMPLE NO PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
200.6-206.4						200.6-206.4 f-m gr ashly volcaniclastic sandstone	Cap	UVA	
206.4-237.6						206.4-237.6 Black siltstone	C4SS	SILT	
237.6-246.8						237.6-246.8 Interbedded black siltstone and volcaniclastic sandstone	C4SS Cap	SILT SILT	
246.8-254.9						246.8-254.9 Black siltstone	C4SS Cap	SILT	
254.9-257.5						254.9-257.5 Volcaniclastic sandstone	C4SS Cap	SILT	
257.5-260.5						257.5-260.5 Black siltstone	C4SS Cap	SILT	
260.5-266.3						260.5-266.3 Ashy siltstone	C4SS Cap	SILT	
266.3-268.7						266.3-268.7 Brecciated ashly siltstone	C4SS Cap	SILT	
268.7-270.9						268.7-270.9 Fault + vlc sst	C4SS Cap	SILT	
270.9-275.1						270.9-275.1 Black siltstone	C4SS Cap	SILT	
275.1-285.7						275.1-285.7 Ashy siltstone	C4SS Cap	SILT	
285.7-288.1						285.7-288.1 Ashy siltstone + f gr vlc sst	C4SS Cap	SILT	
288.1-303.7						288.1-303.7 Feldspar phytic vlc sst	C4SS Cap	SILT	
303.7-308.8						303.7-308.8 Brecciated grey siltstone	C4SS Cap	SILT	
308.8-385.5						308.8-385.5 Feldspar phytic vlc sst	C4SS Cap	SILT	

REMARKS

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⚡ Breccia
- ⊠ Broken core
- ▨ Disseminated
- Massive
- ▩ Pervasive
- ↘ Narrow vein
- * Visible gold

PROJECT : ELS/75 WHITE SPUR
 PROSPECT :
 DATE : MAY-JUNE 1997
 LOGGED BY : M Vicary

860787

SCALE 1:100

HOLE DEPTH SAMPLE PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
						FOCALITY	ROCK	ALTERATION
0								
1			▨					
2			▨		highly brecciated Eq intrusive			
3			▨					
4			▨					
5			▨					
6			▨					
7			▨					
8			▨					
9			▨					
10			▨					
11			▨					
12			▨					
13			▨					
14			▨					
15		50/10	▨					
16			▨					
17			▨					
18			▨					
19			▨					
20			▨					
REMARKS								

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⚡ Breccia
- ⊠ Broken core
- ▨ Disseminated
- Massive
- ▩ Pervasive
- ↘ Narrow vein
- * Visible gold

PROJECT :
 PROSPECT :
 DATE :
 LOGGED BY :

HOLE DEPTH SAMPLE PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
						FOCALITY	ROCK	ALTERATION
0								
21			▨					
22			▨					
23			▨					
24			▨					
25			▨					
26			▨					
27		50/10	▨					
28			▨					
29			▨					
30			▨					
31		50/10	▨					
32			▨					
33			▨					
34			▨					
35			▨					
36			▨					
37			▨					
38		50/10	▨					
39			▨					
40			▨					
REMARKS								

RGC EXPLORATION PTY LTD

DRILL HOLE No WSP 5

SHEET 3 OF 20

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⊠ Breccia
- ⊞ Broken core
- ▨ Disseminated
- Massive
- ▩ Pervasive
- ⚡ Narrow vein
- * Visible gold

PROJECT :
 PROSPECT :
 DATE :
 LOGGED BY :

RGC EXPLORATION PTY LTD

DRILL HOLE No WSP5

SHEET 4 OF 20

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⊠ Breccia
- ⊞ Broken core
- ▨ Disseminated
- Massive
- ▩ Pervasive
- ⚡ Narrow vein
- * Visible gold

PROJECT :
 PROSPECT :
 DATE :
 LOGGED BY :

427099

HOLE DEPTH SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
						CREATION	ROCK	ALTERATION
40								
41								3006
42								
43								
44								
45								0057
46								
47		S ₁ / S ₂						
48								3006
49								
50								
51								
52								
53								
54								
55								
56								
57								
58								
59								
60	REMARKS							

HOLE DEPTH SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
						CREATION	ROCK	ALTERATION
60								
61								
62								
63								
64								
65								
66								
67								
68								
69								
70								
71								
72								
73								
74								
75								
76								
77								
78								
79								
80	REMARKS							

RGC EXPLORATION PTY LTD

DRILL HOLE No WSP5

SHEET 5 OF 20

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⊞ Breccia
- ⊞ Broken core
- ⊞ Disseminated
- Massive
- ▨ Pervasive
- ⚡ Narrow vein
- * Visible gold

PROJECT :
 PROSPECT :
 DATE :
 LOGGED BY :

HOLE DEPTH SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
						Formation	ROCK	ALTERATION
80								
81								
82								
83								
84								
85								
86							CP	TCL
87								
88								
89								
90								
91								
92			⊞				CP	POSE
93			vora					
94			vofm					
95								
96								
97								
98								
99								
100								
REMARKS								

RGC EXPLORATION PTY LTD

DRILL HOLE No WSP5

SHEET 6 OF 20

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⊞ Breccia
- ⊞ Broken core
- ⊞ Disseminated
- Massive
- ▨ Pervasive
- ⚡ Narrow vein
- * Visible gold

PROJECT :
 PROSPECT :
 DATE :
 LOGGED BY :

HOLE DEPTH SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
						Formation	ROCK	ALTERATION
100								
101								
102								
103								
104								
105								
106								
107								
108								
109								
110								
111								
112								
113								
114								
115								
116								
117								
118								
119								
120								
REMARKS								

100-106 m of felsic rich volcanoclastic sandstone
 - massive nonbedded unit, slightly larger grainsize at base with rip up shale clasts

Formation: Cymf
 ROCK: VOFM
 ALTERATION: SOC6

Formation: Cymf
 ROCK: SILT
 ALTERATION: SOC6

427100

RGC EXPLORATION PTY LTD

DRILL HOLE No WSP5

SHEET 7 OF 20

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⊞ Breccia
- ⊞ Broken core
- ▨ Disseminated
- Massive
- ▨ Pervasive
- ⚡ Narrow vein
- * Visible gold

PROJECT : _____
 PROSPECT : _____
 DATE : _____
 LOGGED BY : _____

HOLE DEPTH SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
						EXPLANATION	ROCK	ALTERATION
120		5/5						
121								
122		5/5						
123			Foliation					
124			Foliation					
125		2/5						
126								
127								
128								
129								
130		31/5				E45S	SILT	
131								
132								
133								
134								
135		35/5						
136								
137								
138								
139								
140		8/5						
REMARKS								

427101

RGC EXPLORATION PTY LTD

DRILL HOLE No WSP5

SHEET 8 OF 20

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⊞ Breccia
- ⊞ Broken core
- ▨ Disseminated
- Massive
- ▨ Pervasive
- ⚡ Narrow vein
- * Visible gold

PROJECT : _____
 PROSPECT : _____
 DATE : _____
 LOGGED BY : _____

HOLE DEPTH SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
						EXPLANATION	ROCK	ALTERATION
140								
141								
142								
143								
144								
145		50/35						
146								
147								E45S
148								SILT
149		50/67						
150								
151								
152								
153		50/60						
154								
155								
156								
157								
158								
159		50/60						
160								
REMARKS								

*pk - dark grey ashly siltstone
diffuse bedding*

f-mgr ashly dacite vlc est.

○ IRONBORNE PYRITE

RGC EXPLORATION PTY LTD

DRILL HOLE No WSP5

SHEET 9 OF 20

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⊠ Breccia
- ⊞ Broken core
- ▨ Disseminated
- Massive
- ▩ Pervasive
- ↘ Narrow vein
- * Visible gold

PROJECT :
 PROSPECT :
 DATE :
 LOGGED BY :

HOLE DEPTH SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
						Alteration	ROCK	ALTERATION
160					Thinly laminated bedding 158.7-160.5 160.5-169.5 massive with diffuse bedding			
161								
162								
163								
164		50/43						VDF
165		50/60						
166								
167								
168								
169								
170		50/10			F-m gr vsm = abundant black silstone fragments parallel to S. This interval essentially along bedding plane.			WDM
171		50/20						
172		50/20						
173		50/20						
174								
175								
176								
177								VDF WDM
178								
179		50/25						
180								
REMARKS						⊕ deuterification nodules		

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RGC EXPLORATION PTY LTD

DRILL HOLE No WSP5

SHEET 10 OF 20

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⊠ Breccia
- ⊞ Broken core
- ▨ Disseminated
- Massive
- ▩ Pervasive
- ↘ Narrow vein
- * Visible gold

PROJECT :
 PROSPECT :
 DATE :
 LOGGED BY :

HOLE DEPTH SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
						Alteration	ROCK	ALTERATION
180								
181								
182								
183								
184		30/5						
185								VDF WDM
186								
187								
188								
189		50/5						
190		50/8						WDM
191								
192								
193		50/5						
194								
195		50/5						
196								
197								
198								
199		50/5						
200								
REMARKS						Thinly bedded cream-gray waxy silstone.		

RGC EXPLORATION PTY LTD

DRILL HOLE No WSP5

SHEET 11 OF 20

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⊞ Breccia
- ⊞ Broken core
- ▨ Disseminated
- Massive
- ▩ Pervasive
- ⚡ Narrow vein
- * Visible gold

PROJECT :	
PROSPECT :	
DATE :	
LOGGED BY :	

HOLE DEPTH SAMPLE NO PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
						VEGETATION	ROCK	ALTERATION
200								
201					f-m gr grey ashly volcaniclastic sandstone			
202								
203								
204								
205		50/38						
206								
207								
208		50/63						
209								
210		50/70						
211								
212								
213								
214								
215								
216		50/40						
217								
218								
219								
220		50/27						
REMARKS						VEGETATION E455	ROCK SILT	ALTERATION VDF VOM

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RGC EXPLORATION PTY LTD

DRILL HOLE No WSP5

SHEET 12 OF 20

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⊞ Breccia
- ⊞ Broken core
- ▨ Disseminated
- Massive
- ▩ Pervasive
- ⚡ Narrow vein
- * Visible gold

PROJECT :	
PROSPECT :	
DATE :	
LOGGED BY :	

HOLE DEPTH SAMPLE NO PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
						VEGETATION	ROCK	ALTERATION
220								
221								
222								
223								
224								
225			50/51					
226								
227								
228								
229								
230								
231			50/47					
232								
233								
234								
235								
236								
237								
238			50/43					
239								
240								
REMARKS						VEGETATION	ROCK Eggs SILT	ALTERATION

RGC EXPLORATION PTY LTD

DRILL HOLE No WSP5

SHEET 15 OF 20

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⊞ Breccia
- ⊞ Broken core
- ▨ Disseminated
- Massive
- ▨ Pervasive
- ⚡ Narrow vein
- * Visible gold

PROJECT :
 PROSPECT :
 DATE :
 LOGGED BY :

HOLE DEPTH	SAMPLE NO	ASSAY RESULTS		STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY	
		Pb	Zn					VEIN	ALTERATION
285	401	1028	1671	T12r					
286	2	308	489	13-1			Dark grey ashly siltstone		
287	3	168	375	13-7					
288	4	267	241	13-8					
289	5	787	1401	13-2					
290	6	986	1587	12-4					
291	7	921	1606	11-9					
292	8	1153	2117	12-0					
293	9	1144	2274	13-4			Pre-dominantly f.g. sericitic cream-grey calcified ashly siltstone. Diffuse bedding. Includes interbedded f.-cl. gr. ductile (S) q. volcanoclastic sandstone. Hydrothermal breccia forming carbonate stringers common.		
294	110	1426	2240	15-0					
295	11	1447	2089	12-8					
296	12	981	1114	13-1					
297	13	2086	4000	14-0					
298	14	1697	5511	13-2					
299	15	2488	6109	13-1					
300	16	2600	4796	18-0					
301	17	2941	4922	14-1					
302	18	3114	5270	14-2					
303	19	2982	5916	15-1					
304	421	4210	6228	15-2					

REMARKS
 * Lithogeochemical Sample

RGC EXPLORATION PTY LTD

DRILL HOLE No WSP5

SHEET 16 OF 20

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⊞ Breccia
- ⊞ Broken core
- ▨ Disseminated
- Massive
- ▨ Pervasive
- ⚡ Narrow vein
- * Visible gold

PROJECT :
 PROSPECT :
 DATE :
 LOGGED BY :

HOLE DEPTH	SAMPLE NO	ASSAY RESULTS		STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY	
		Pb	Zn					VEIN	ALTERATION
299	22	1119	2642	5-6			299.9-300.85 broken sericitic vdfm & abundant qtz. with veining		
300	23	5679	7333	15-7					
301	24	3297	9210	13-9					
302	25	2201	5868	6-1			large vein - 75 Qtz 20 pph calc. s.l. disseminated sph. aggl.		
303	26	1498	4270	18-5					
304	27	5638	9884	18-1			303.7-308.8 brecciated grey siltstone thinly bedded calc. siltstone in sericitic vdfm pumiceous matrix.		
305	28	8137	14100	13-7					
306	29	8079	17100	16-2					
307	30	7287	15400	21-4					
308	31	5982	9988	16-9					
309	32	3885	7145	16-1					
310	33	1085	1968	12-5			308.8-318.2 yellow sericitic vdfm fine ser. calc. veins common		
311	34	1622	1645	12-0					
312	35	757	1280	12-1					
313	36	216	601	12-4					
314	37	304	547	12-0					
315	* 38	617	1221	T12r					
316	39	1052	2224	12-3					
317	41	1601	3135	12-1					
318	42	1338	3801	11-0					
319	43	730	1293	11-9					
320	44	1008	1928	12-3					

REMARKS * Lithogeochemical Sample

427105

