

RGC EXPLORATION PTY LTD

DRILL HOLE No SHDM

584046

SHEET _____ OF _____

- Bedding
- ⊥ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⚠ Breccia
- ⊠ Broken core
- ⋯ Disseminated
- Massive
- ▨ Pervasive
- ↘ Narrow vein
- * Visible gold

PROJECT	: 5 th Healy
PROSPECT	:
DATE	:
LOGGED BY	: T. Callaghan

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY	
							ROCK	ALTERATION
40								
			Broken core			43.1 Broken, foliated ch. altered Fault		
50						42.7 Pink, albitized qtz-feld-lithic rhyolitic Breccia pebbles ± Ect xtal sst? Albitized rhyolite s. clasts. Minor chert Feld xtal rich sst. Intense ch. alteration. Peppery qz-feld porphyry clasts. Albitized.	EE	IRK
						Decreasing Qtz porphyry pebbles	EE	UAKM
60						59.1 Massive, Feld xtal rich sst ± increasing rhyolite lithics at base. Pervasive ch. alteration. Selective albitization of Qtz porphyry clasts.	EEEE	UAKM
70						72.5 vitric siltstone. ash rich. albitized. Minor diffuse bedding and weak grading.	EE	UAKM
80								

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No SHD19 **584047**

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

SHEET _____ OF _____

PROJECT : <u>5th Henry</u>
PROSPECT :
DATE :
LOGGED BY : <u>T. Callaghan</u>

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.		ROCK	ALTERATION
80				1 1 4 16 22						
90				BCA = 10°						
100				[Breccia symbol]				97-9 Qtz-porphyrific rhyolite dyke 98-5 Fine grained vc silt ± abundant v. fine siltstone intraclasts. Qtz-phyric rhyolite clasts. EEEI 102-5 Massive rhyolite sandstone ± Rhyolite peperite clasts. EEEI 105-5 Fine grained, well sorted rhyolite sandstone. Occasional, large Qtz-held (= H61?) Porphyry clasts. Carbonate breccia at base 109-5 Massive, white to purple carbonate and carbonate breccia. Possibly fossiliferous, Ecarb 113-2 Polymict Breccia, Rhyolite Porphyry EEEI 114-0	IRPC URLB IRLB URLB CARB URLB	A
110				[Breccia symbol]						
120				[Breccia symbol]						

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No SH019 **584048**

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

SHEET _____ OF _____

PROJECT : <u>5th Henly</u>
PROSPECT :
DATE :
LOGGED BY : <u>T. Callaghan</u>

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.		ROCK	ALTERATION
120								<p>Autoclasic, pale grey, alb. tised qtz-told phytic rhyolite</p> <p style="text-align: right;">EE1</p>	IRLB	
130								<p>128.7 Mixed, black, graphitic shale and grey rhyolitic sandstone. Fluidised, sedimentary breccia, debris flow.</p> <p>Mostly shale clasts + breccia - ve sst unky</p> <p style="text-align: right;">EE5</p>	SIL7	
140								<p>144.8 graphitic Black shale Brcc. ve sst (dacitic?) and graphitic shale debris flows. Fluidised Breccias.</p> <p style="text-align: right;">EE5</p>	SIL7	
150								<p>155.3 Dacitic hyaloclastite. Residual Feldspar phytic. Carbonate veins Breccia in fill.</p> <p style="text-align: right;">EE1</p>	IRLB	
160										

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No SND 19 **584049**

SHEET _____ OF _____

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

PROJECT : <u>5th Henry</u>
PROSPECT :
DATE :
LOGGED BY : <u>T. Callaghan</u>

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PT.		ROCK	ALTERATION
160								<p>163 Disseminated graphitic shale and ve sst. Stump Breccia? EE5</p>	BRECCIA	
170								<p>169.5 Blasphemetryalite. Partially ve-worked? EE6</p> <p>Mainly siliceous clasts & shreds but some vitric sst clasts are included.</p>	VOLB	
180								<p>175.5 Rhyolite Autobreccia. Porphyritic vitric siltstone inclusions. EE1</p>	IRLB	
180								<p>179.6 Pumice breccia ± rhyolite clasts + feld xcls. Some Cu vitric rich lapilli.</p>	VOLB	
170			BFA = 70°					<p>184.4 Poly-mict. ve BAXX. Carb-sst & dust. clasts in sandy matrix. EE4</p> <p>186.2 Massive, dominantly Pumice-feld litic Breccia. CCV</p>	VOLB	
170								<p>191.5 Weakly graded Feld-pumice litic breccia CCV</p>	VOLB	
170								<p>193.1 Litic breccia EE1</p>	VOLB	
170								<p>194.7 Pumice Breccia. CCV</p>	VOLB	
170								<p>195.2 Vitric ash, vitric concretions and litic rich breccia. EE2</p>	VOLB	
200								<p>198.5</p>		

REMARKS

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

SHEET _____ **OF** _____

PROJECT : <u>5th Henry</u>
PROSPECT :
DATE :
LOGGED BY : <u>T. Callaghan</u>

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	BY.		ROCK	ALTERATION
200								Coarse, lithic VC Breccia in dacite peperitic intrusion. VC = vitric clasts, sand, shards + dacite lithic	EECI	VOCB
206.6								Autobrecciated dacite lava. Feld phytic, oxidised + haematized cl = scatter weathering	ECL	LOF
207.6								Pale grey, vitric siltstone.	EEB	VOVA
208.9								Dacite peperite in vitric siltstone. Feld phytic dacite	ECL	LOF
214.9								Pale grey, vitric siltstone matrix & poly-ict clasts. Carb, dacite	EECI	VOCB
217.2								Purple + green, dacitic lithic Breccia. Possibly some basalt?? Purple haematite alteration = scatter weathering. Purple haematite clasts in green Feld rich matrix.	EEV	VOCB
224.2			Ⓢ					Purple to pink limestone. Coarse granular calc arenite.	EECB	CARB
229.6 230.4								229.6 dacitic VC silt. 230.4 Pink carbonate/calc arenite	EEV	VOVA
236.1								236.1 dark grey dacitic(?) volcaniclastic silt and calc arenite gradational lower contact.	EECI	VOVA

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No 5H019

584051

SHEET _____ OF _____

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

PROJECT : <u>5th Henty</u>
PROSPECT :
DATE :
LOGGED BY : <u>T. Callaghan</u>

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY	
							ROCK	ALTERATION
240						240-2		
250						251.5 Grey, laminated, vitric rich VC siltstone. E65 254 Poly-mich, VC-lithic breccia Matrix supported. Clasts of dacite, CO ₂ + siltstone. EEEI 257.1 Fault Broken Ground 257.2 Pale grey, sthylobitic carbonate. Mostly massive, some minor sst lenses and carb brnx. Ecarb 262.6 Aligned, CO ₂ impregnated + veined Feld xtal rich VC sst. chl. int. EEEI 264.6 pink+white, massive carb. Fossil. Ecarb 265.1 Pale green, Feldspathic xtal rich sst. Analcite. Albite-coq. all. EEEI 266.3 Massive, carb. Ecarb 267.3 Massive, dark green, feld xtal rich VC sst. Minor albite clasts. Pervasive chl. all. EEEI 274.7 Massive, feld xtal rich sst/brnx poly-mich clasts of carbonate, rhyolite and vitric siltstone Pervasive chl. alteration, minor CO ₂ cement EEEI		
260						274.7 Massive, feld xtal rich sst/brnx poly-mich clasts of carbonate, rhyolite and vitric siltstone Pervasive chl. alteration, minor CO ₂ cement EEEI		
280								

REMARKS

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

PROJECT : <u>5th Heaty</u>
PROSPECT :
DATE :
LOGGED BY : <u>T. Callaghan</u>

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.		ROCK	ALTERATION
280								281.8 Massive, graded, polymict VC Brex Feld xtal rich matrix. Prominent carb concretions. chl with glass fragments. EEEI	VALB	
								286.3 Carbonate impregnated feld xtal ssb. EEEI	VAXM	
290								290.2 Massive, polymict VC Breccia. Abundant Carb. clasts EEEI	VALB	
								292.1 graded VC ssb ± carbonate clasts rich base. Andesitic, feld xtal rich EEEI	VALB	
								294.9 graded VC Brex. cc, clasts at base. EEEI	VALB	
300								Massive, polymict VC Breccia. Carb clasts + VC siltstone interbedded in Andesitic matrix. EEEI	VALB	
								301.5 Massive, feld, some base. chl with purple clast. EEEI	VALB	
								304.5 massive, interclast rich, polymict VC Breccia EEEI	VALB	
								307.4 weak ser alt. polymict Brex EEEI	VALB	
310								309.3 Massive, interclast rich, polymict VC Breccia EEEI	VALB	
								315.6 Massive, auto brecciated, flow banded and spherulitic lava sparsely feld phyr. Dacite? EEEI	LDA	
320										

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No 511019 **534051**

SHEET _____ OF _____

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

PROJECT : <u>5th Henry</u>
PROSPECT :
DATE :
LOGGED BY : <u>T. Callaghan</u>

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PT.		ROCK	ALTERATION
360								<p>360.5 Purple, horn alk. basaltic(?) brx. E6</p> <p>360.9 Purple, carb brx + hornlt brx. Ecub</p> <p>362.8 Purple, hornalised basaltic, lithic brx. Flattened clasts. Possibly dacite? S6</p> <p>364.2 Carbonate + carb brx Ecub</p> <p>366.6 Purple, hornalised basaltic(?) lithic breccia. Abundant CO₂ veins. E6</p>	VPLB CBBX VBLB COBX	
370								<p>381.7 dacitic lithic brx. calc. (?) Ecub</p> <p>382.9 fine grained to aphyric dacite dyke? Cc1</p> <p>385.5 Polymich. ve breccia. Dominantly dacite clasts + fragments ± up to 10% carb + vitric siltstone interbedded Ccu</p>	VBLB IDA VBLB	
380										
390										
400										

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No 54219 **584055**

SHEET _____ OF _____

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- △ Breccia
- ▣ Broken core
- ▤ Disseminated
- Massive
- ▨ Pervasive
- ↘ Narrow vein
- * Visible gold

PROJECT : <i>ME Julia</i>
PROSPECT :
DATE :
LOGGED BY : <i>T. Callaghan</i>

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.		ROCK	ALTERATION
400										
410								<p>413-4 haematized, basaltic (?) breccia.</p>	E6	VOL 1
420								<p>420-5 VC sandstone feld xhls + shreds.</p> <p>422-8 Basaltic dyke (?) purple haematized</p> <p>423-7 Basaltic (?) breccia feld ph...</p>	CEU	VOL 1
430								<p>430-1 Basaltic (?) Litic breccia haematized + foliated. CO₂ veins, brecciated</p>	CEU	VOL 2
440								<p>437-8 Basaltic porphyry/hyaloclastic chert haem. altered. Possibly feld phytic = ductile?</p>	E6	E6 LB

REMARKS

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

PROJECT : <u>5th Henty</u>
PROSPECT :
DATE :
LOGGED BY : <u>T. Callaghan</u>

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.		ROCK	ALTERATION
440				<div style="display: flex; justify-content: space-around; font-size: 8px;"> 1/16 1/4 1 4 16 32 </div>				<p>441.5</p> <p>Massive, dacitic, VC Breccia. Variably chlorite - weak sericite alteration. Feld xhls, dacite shreds, dacite lithics, dacite pumice clast.</p> <p style="text-align: right;">Cv</p>	VOLP	
450								<p>458.8</p> <p>Massive Qtz - Feld ± Hbl phyric suite II porphyry. Haematite altered Coarse Qtz mega crystals.</p> <p style="text-align: right;">Ep</p>	IR7C	
460								<p>CG Vein</p>		
470										
480										

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No 5N019 584057

SHEET _____ OF _____

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

PROJECT	: 5 th Henry
PROSPECT	:
DATE	:
LOGGED BY	: T. Callaghan

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.		ROCK	ALTERATION
480								pervasive haematite alteration. occasional matrix inclusions.		
490								max. large (~ 10mm) CO ₂ veins, white		
500										
510								504-7 CO ₂ + Qtz feld - 1161. porphyry breccia. 510-4 Peggy 511-6 matrix, stibnite carbonate, porphyry red-purple, qtz feld - 1161 phyric porphyry. matrix inclusions. Pervasive haematite alteration. Suite II porphyry	FALTS CARB Ep	IR > C
520										

REMARKS

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

PROJECT :	5 th Henry
PROSPECT :	
DATE :	
LOGGED BY :	T. Gallagher

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	P.Y.		ROCK	ALTERATION
520										
530								527.8 stylitic CO ₂ vein 528.3 Qtz-feld-rtbt porphyry. Matrix inclusions, pervasive haem. all. Occasional, zoned, white carb veins zones of strong, red haemulite alteration.	Emb	CA80
540										
550								553 massive CO ₂ vein white-purple 553.6 massive Qtz-feld-rtbt porphyry. haemulite. CO ₂ veins to 20cm. Red-purple colour.	Emb	CA88
560										

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No 54019 **584059**

SHEET _____ OF _____

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

PROJECT : <i>5th Henry</i>
PROSPECT :
DATE :
LOGGED BY : <i>T. Callaghan</i>

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION				GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.	CO.		ROCK	ALTERATION
560									5689 Red, massive, qtz-feld-Hbl porphyry. Pervasive hematite strongly oxidised. Red leucocratic and/or stockwork veins. Matrix inclusions.		
570											
580											
590											
600											

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No SH019

534060

SHEET _____ OF _____

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

PROJECT : <u>5th Henty</u>
PROSPECT :
DATE :
LOGGED BY : <u>T Callaghan</u>

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.		ROCK	ALTERATION
600				<div style="display: flex; justify-content: space-around; font-size: 8px;"> 1/16 1/4 1 4 16 32 </div>						
610										
620								<p>631.5 Purple, massive qtz fold. Hbl phos porphyry. Has disseminated/replaced Hbl. less (or no) Hbl. (by 40) E1 I200</p>		
630										

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No 58019

534061

SHEET _____ OF _____

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ▽△▽△ Breccia
- ▨ Broken core
- ⋯ Disseminated
- Massive
- ▨ Pervasive
- ↘ Narrow vein
- * Visible gold

PROJECT : <u>Sth Henry</u>
PROSPECT :
DATE :
LOGGED BY : <u>T. Callaghan</u>

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION					GEOLOGY NOTES	SUMMARY		
					SIL.	SER.	PH.	(G)	Hph		ROCK	ALTERATION	
640				<div style="display: flex; justify-content: space-around; font-size: 8px;"> 1/16 1/4 1 4 16 32 </div>									
650													
660													
670										<p>668.3</p> <p>Foliated, CO₂ altered Qtz field -Hbl porphyry. Now all Hbl. CO₂ in pressure shadows of large Qtz megacrysts.</p> <p>Pale pink, Mod CO₂ Hem alt. Qtz field. Hbl porphyry. Mod. inclusion</p>	<p>EP IAD7C</p> <p>EP IAD7C</p>		
680													

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No SHD19 534062

SHEET _____ OF _____

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

PROJECT	: s ¹⁷ Henry
PROSPECT	:
DATE	:
LOGGED BY	: T. Cullaghan

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY		
					SIL.	SER.	PT.		ROCK	ALTERATION	
680											
690								692.7 Qtz-feld. Hll porphyry 2-5% Hac- veins. Dark red colour.	EP	IR>C	H
700								694 Pale red, qtz-feld. Hll porphyry. Pale red colour. Minor qtz-hacm. veins.	EP	IR>C	H
710								709 Qtz-ser. alb. dacitic fumeo, lithic breccia Hornfelsed contact later ser- co ₂ altered.	CU	VO-P	C
720								715.1 Dacitic feld, fumeo lithic volcanic breccia, clastic at top. High dacite	CU	VO-P	O

REMARKS

