

Property ISLAND MNG - JL CLAIMS. NTS 105 D/2 Claim JL Elevation 3700' Azimuth 218° Length 311' (94.8m) Dip -50°  
 Coordinates 2125N/310E Dip Tests — Advance 199.9' Depth 238.2' Date Collared July 7, 1987 Date Completed July 9/87  
 Purposes Test Wheelbarrow Zone under old workings; visible gold in quartz on dump Drilled by CARON D.D. Assays by ACME LABS Logged by T.M.E.

Interval		Rec'y %	RQD	DESCRIPTION	Sample No.	Interval		Core Width	Ag (oz/t)		Au (oz/t)	
From	To					From	To					
0	34'			CASING - pebbles and small pieces of core recovered.								
	(10.36m)											
0	51	25	0	Mainly SILICIFIED GREEN ANDESITE Tuff.								
51	55	0	0	occasional 2-3mm carb (some calcite) veins; up to								
55	66	45	0	5-10% lapilli (1cm frags)								
				at 15' = Several fragments of rusty RHYOLITE								
34	66'			OVERBURDEN - pebbles and gravelly soil of								
	(20.12m)			mixed Andesitic Tuff and Rhyolite.								
				51-55' = no recovery → wasted hole								
66'	75.5'	70	20	FELSIC TUFF - rusty gray; 1-2mm sand-sized								
	(23.01)			frags; occasionally lapilli to 1cm across								
				71.5-73.2 = fault gouge; only minor fine dissem.								
				py.								
				From 73.2' - tuff becomes very fine and soft; medium								
				brown colour.								
				Lower contact is fault gouge for 0.15'; gouge is								
				65° to core axis								
75.5	77.0'			LIGHT GRAY, QUARTZ-VEINED F.G.R. RHYOLITE	8411	75.5	77	1.5'	Assay Au, Ag	0.01	0.001	
	(23.47)			- many hairline to 2mm Q vns w/ local								
75.5	85.5	70	15	dissem. pyrite (some cubic); also tension gashes filled								
85.5	97.0	75	10	w. quartz. Broken lower contact.								
77.0'	98.0'			RUSTY GRAY TO DARK GRAY FELDSPAR PORPHYRY								
				- 10-15% 1-4mm white feldspar pieces in								
97	104	70	40	an aphanitic groundmass								
				- very hard? silicified?								
				- some hairline - 1mm Q vnts								
				85½-89½' = bleached selvages along occas. Q	8412	85.5	90.5	5'		0.01	0.001	
				- Py veins								
				90.5' = 0.1' of fault gouge at 80° to c.a.								
				92-98' = strongly fractured zone; some brecciation								

## DIAMOND DRILL LOG

HOLE No. 87-WB #1

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Interval		Rec'y %	RQD	DESCRIPTION	Sample No.	Interval		Core Width		
From	To					From	To			
98.0'	116'			MASSIVE, GRAY MEDIUM GR. GRANODIORITE - upper contact broken - 5% chloritized shreddy matrix - grain size 1-2 mm 101.6 - 104' = BLUFF APHANITIC RHYOLITE - broken contacts w. granodiorite; 0.3' of fault gouge near lower contact. 104.3' = Q-Chl. vn. at 45° to c.a.; approx 2mm 114-115' - becomes bleached near lwr. contact.						
104	120	90	0.65							
116'	138'			LIGHT BROWN RHYOLITE PORPHYRY - 20-25% 1-2mm. white feldspar phenos in an aphanitic matrix. - 116'-117.5' = several 2-4mm Q vn. w. minor pyrite near upper contact (? attitude of contact?) - 126-130' = brecciation w. minor rotation of frags. - rhyolite is locally f.g. (1mm) equigranular; i.e. texture is variable. - 135.7' = creme carb. vn. at 75° to c.a. (1-2mm across) - 137' = Q-Py vn. at 45° to c.a. (2-3mm. vult.)						
120	145.25	70	0.22							
138'	140'			M. GR. GRANODIORITE - locally silicified - broken contacts; possibly an inclusion.						
140'	145.5'			LIGHT BROWN RHYOLITE PORPHYRY - as from 116-138'						
145.25	160.5	95	0.55	- 143' = 2cm. fault gouge at 20° to c.a.					Ag (oz/t)	Au (oz/t)
145.5	154.5'			M. GR. GRANODIORITE - 12 one to five mm. Q - Carb ± Chl ± py vns 30-60° to c.a. Visible galena near lower contact at 45° to c.a. axis.	8413	145.5	150.5	5'	0.01	0.001
160.5	166	85	0.31		8414	150.5	155.5	5'	0.01	0.001
166	177	95	0.55							
154.5	186.5'			LIGHT BROWN RHYOLITE PORPHYRY - 155.8' = 2mm-4mm. Q vn w. Py - galena	8415	155.5	160.5	5'	0.05	0.005

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## DIAMOND DRILL LOG

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Interval		Rec'y %	RQD	DESCRIPTION	Sample No.	Interval		Core Width	Ag (oz/t)	Au (oz/t)
From	To					From	To			
171	194	65	0.27	160.5 - 165.5' = Five 1-3 mm. Q vns. mainly at 30° to c.a. Minor galena in 1 vein. 164' - 166' = Strong fracturing w. some fault gouge 165.5 - 170.5' = Four 1-4 mm. Q vns. w. some pyrite; one vein has minor galena. 170.5' on = occas. Q ± Py vnts. 183.5 - 184.5' = Brecciation & fault gouge; 4 mm. carb. vns in shear at 70° to c.a. 185.3' = dissem. py. in rhyo.	8416	160.5	165.5	5'	0.05	0.001
					8417	165.5	170.5	5'	0.02	0.001
186.5'	199'			MEDIUM GRAINED GRANODIORITE - same as previously logged.						
194	205	85	0.36	- bleached to 194' - 2 Q-py vns (1-3 mm) at upper contact.						
199'	238'			GRAY RHYOLITE PORPHYRY - 10-15% 4 mm. feldspar laths (subhedral to euhedral). Feldspars are mainly fresh 201' - feldspar phenos become smaller → 1 mm. (25-30% by vol.) aphanitic gdmass - commonly tiny Q-Py vnts. - 212.5' - bleached (1 cm) fractures - 213' = "large" phenos again - 216' - 217' = fault gouge at 35° to c.a. - 221.5 - 226.5' = abundant Q-Py vns at 20-60° to core axis; overall 1% dissem. pyrite.						
205	229	97	0.32	* - 229.5' - DRILLERS REDUCED TO NQ core.	8418	221.5	226.5	5'	0.02	0.001
				- 228.5' - 229.7' = inclusion of green ANDESITE. After the inclusion, rhyo is strongly shattered and locally brecciated w. abund. tiny (hairline to 1 mm) Q and Py vnts	8419	226.5	229.7	3.2'	0.02	0.001
229	247	70	0.34		8420	229.7	234.7	5'	0.01	0.001
					8421	234.7	238'	3.3'	0.01	0.001
238'	243'			BANDED ANDESITIC THIEF ctg. numerous carb. - Q vns parallel to foliation (45° to c.a.) - lower contact at 60° to c.a.; upper cont. 50° to c.a.	8422	238	243	5'	0.01	0.001
243'	247'					243	247	4'	0.01	0.002

## DIAMOND DRILL LOG

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Interval		Rec'y %	RQD	DESCRIPTION	Sample No.	Interval		Core Width	Ag (oz/t)	Au (oz/t)
From	To					From	To			
				sheared at 60° to c.a.	8424	247'	252' 76.80	5'	0.02	0.002
247'	255.7' (77.93)			GREEN MASSIVE ANDESITE - 251.6' = 2cm. white to creme Q - Carb. vein at 45° to c.a.	8425	252'	257' 76.33	5'	0.01	0.001
247'	274	87	0.60	- abundant hairline to 1mm calcite vnlts throughout.						
255.7'	260.6' (79.43)			COARSE GRAINED AUGITE ANDESITE w. a "blotchy" texture. - UNIT 3e → blotchy texture caused by 40-50% 2-5mm glomeritic? feldspars? - irregular upper contact.	8426	257'	262' 78.32	5'	0.01	0.001
260.6'	275.9' (84.47)			FOLIATED GREEN ANDESITE - foliation 45° to c.a.	8427	262'	267' 81.33	5'	0.02	0.001
274	288	75	0.16	- abundant calcite veins parallel to foliation, perpendicular to fol'n and running down core axis.	8428	267'	272' 82.84	5'	0.02	0.001
275.9'	288' (87.13)			STRONGLY FRACTURED, PINKISH BROWN RHYOLITE PORPHYRY. - occasional hairline - 1mm Q ± Py vnlts. - broken contacts - ? attitude.	8429	272'	275.9' 84.07	3.9'	0.03	0.001
288'	295.9' (90.16)			GREEN ANDESITE - locally rusty - fol'n local 35° to c.a.						
288	296	90	0.75	- abundant calcite stringers and ash vnlts. from 292-295.9'; Assay if other similar And. "Kicks!"						
295.9'	302.7' (92.00)			RUSTY ALTERED RHYOLITE - fgn. texture						
296	301	65	0.09	- lower contact 60° to c.a.						
302.7'	311' (94.79)			CALCITE - VEINED GREEN ANDESITE - tuffaceous; foliation 45° to c.a.						
301	311	85	0.56							

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