DRILL CORE LOG

TASMANIA MAGNESITE NL

Tenement Name: RL 8718 1

Plan-Map Reference:

Co-ordinates: 369387.4 E / 5439229.9 N Azimuth: 139° Mag. Drillers: M. NEWMAN Commenced: 14.1.98 Depth: 278.6 Hole No: AR 16

RL Collar: 152.9 Inclination: -46 Drill Types: LONGYEAR 48 Completed: 30.1.99 Casing Left: – DPO No's:

490040

Depth From (m)	Depth To (m)	Core Rec (m)	Core Size	Graphic Log	Core Description	Mostly Buff	Mostly White	% Cryptocryst Magnesite	Minerals in Sparry patches: sil	Dol	Mag	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by): MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI
0	15.40	TRICONE			Alluvials, cobbles																		
15.40	16.8	100%	PQ	dm	Khaki clay and broken grey dolomite (?)																		
16.8	17.8	0	PQ																				
17.8	18.9	50%	PQ		Khaki clay and broken grey decomp. dolomite																		
18.9	20.3	100%	PQ	dm	"			"															
20.3	21.8	60%	PQ		"			"															
21.8	23.8	50%	PQ	dm	"		"	"															
23.8	26.5	30%	PQ		"			"															
26.5	28.7	50%	PQ		"		"	"															
28.7	30.1	40%	PQ	dm	"			"															
30.1	33.1	30%	PQ		Khaki clay and 15cm hard magnesite (?)																		
33.1	33.5	"	PQ		Decomp clayey dolomite?																		
33.5	35.8	"	PQ	dm	Broken white/khaki dolomite?																		
35.8	36.9	"	PQ		"	"																	
36.9	38.8	20%	PQ	dm	" clayey	"	"																
38.8	40.8	50	PQ		Clay and beige magnesite?																		
40.8	42.6	80%	PQ																				
42.6	43.5	80%	PQ		Broken magnesite (?) + clay																		
43.5	45.5	75%	PQ		" "																		
45.5	46.9	100%	PQ		Hard white and creamy beige magnesite																		
46.9	48.5	100%	PQ		"	"																	
48.5	51.8	30%	PQ		"	"																	
					with quartz 48.50 – 50.70 m																		
51.8	52.4	100%	PQ		Hard white and creamy beige magnesite																		
52.4	54.5	100%	HQ		Hard white Magnesite																		
54.5	56.10	100%	HQ		"																		
56.10	57.7	100%	HQ		"																		
57.1	59.3	100%	HQ		"																		
59.3	61.8	100%	HQ		"																		
61.8	62.4	100%	HQ		"																		
62.4	63.7	100%	HQ		"																		
63.9	65.5	100%	HQ		"																		
65.5	66.9	100%	HQ		"																		
66.9	68.4	100%	HQ		"																		
68.4	69.9	100%	HQ		Hard white magnesite																		
69.9	71.50	100%	HQ		"																		
71.5	73.1	100%	HQ		" "																		
73.1	74.6	100%	HQ		" "																		
74.6	76.1	100%	HQ		" "																		
76.1	77.6	100%	HQ		" "																		
77.6	80.6	100%	HQ		" "																		
80.6	82.10	100%	HQ		" "																		

94% Rec.

AR 16

DRILL CORE LOG

TASMANIA MAGNESITE NL

Tenement Name: RL 8718

Plan-Map Reference:

2

Co-ordinates: Azimuth: Mag 139°

RL Collar: Inclination: -46°

Drillers: M. Newman

Drill Types: Longyear 44

Commenced: 1.2.98

Completed: 30-1-99

Depth: 278.6

Casing Left: —

Hole No: AR16

DPO No's:

190041

Depth From (m)	Depth To (m)	Core Rec (m)	Core Size	Graphic Log	Core Description	Mostly Buff	Mostly White	% Cryptocryst Magnesite	Minerals in Sparry patches sil	Dol	Mag	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by) MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI
82.1	83.6	100%	HQ		Hard white magnesite																		
83.6	85.1	100%	HQ		" "																		
85.1	86.6	100%	HQ		" "																		
86.6	88.1	100%	HQ		" "																		
88.1	89.6	100%	HQ		" "																		
89.6	91.0	100%	HQ		"																		
91.0	92.6	100%	HQ		"																		
92.6	94.1	100%	HQ		"																		
94.1	95.6	100%	HQ		"																		
95.6	97.1	100%	HQ		"																		
97.1	98.6	100%	HQ		"																		
98.6	100.1	100%	HQ		"																		
					small Fe break @ 99.7 m																		
100.1	101.6	100%	HQ		Hard white magnesite																		
					100.7-101.2 beige coloured Fe break																		
101.6	103.1	100%	HQ		Hard white magnesite																		
					@ 102.6 clay break																		
103.1	104.6	100%	HQ		Hard white magnesite																		
					small Fe sand filled cavity (10cm) @ 103.1m																		
104.6	106.1	100%	HQ		Hard white magnesite																		
106.1	107.6	100%	HQ		"																		
107.6	109.1	100%	HQ		"																		
109.1	110.6	100%	HQ		"																		
110.6	112.1	100%	HQ		"																		
112.1	113.6	100%	HQ		"																		
113.6	115.1	100%	HQ		"																		
115.1	116.6	100%	HQ		"																		
116.6	118.1	100%	HQ		"																		
118.1	119.6	100%	HQ		"																		
119.6	121.1	100%	HQ		"																		
121.1	122.6	100%	HQ		"																		
122.6	124.1	100%	HQ		"																		
124.1	125.6	100%	HQ		"																		
125.6	127.1	100%	HQ		"																		
127.1	128.6	100%	HQ		"																		
128.6	130.1	100%	HQ		"																		
130.1	131.6	100%	HQ		"																		
131.6	133.1	100%	HQ		"																		
					clay joint at 133m																		
133.1	134.6	100%	HQ		Mass and brecciated																		
					hard white magnesite																		
134.6	136.1	100%	HQ		"	Plus 15cm grey dolomite																	

490042

DRILL CORE LOG

TASMANIA MAGNESITE NL

Tenement Name: EL 8718

Plan-Map Reference:

3

Co-ordinates: Azimuth: Mag 139°

RL Collar: Inclination: -46°

Drillers: M. NEWMAN

Drill Types: Longyear 44

Commenced: 12·98

Completed: 30-1-99

Depth: 278·6

Casing Left:

Hole No: AR16

DPO No's:

Depth From (m)	Depth To (m)	Core Rec (m)	Core Size	Graphic Log	Core Description	Mostly Buff	Mostly White	% Cryptocryst Magnesite	Minerals in Sparry patches: sil	Dol	Mag	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by): MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI
136·1	138·2	60%	HQ		Hard white magnesite																		
138·2	139·8	60%			With 60cm cavity @ 137·8																		
138·2	139·8	100%	HQ		Beige coloured magnesite																		
139·8	140·7	100%	HQ	dm	Clay and minor dark grey clayey magnesite and dolomite																		
140·7	143·2	60%			90cm cavity at 143·2m																		
				dm	30cm dolomite 140·7-141m																		
					141-143·2 hard creamy beige magnesite																		
143·2	144·8	100%	HQ		Hard creamy magnesite																		
144·8	146·3	100%	HQ		Hard beige and white magnesite																		
146·8	147·8	100%	HQ		"	"																	
147·8	149·3	100%	HQ		"	"																	
149·3	151·0	100%	HQ		Hard white magnesite																		
151·0	152·5	100%	HQ		Hard white and beige magnesite																		
152·5	154·0	100%	HQ		"	"																	
154·0	155·6	100%	HQ		"	"																	
155·6	157·1	100%	HQ		Some fine dark grey dolomite (?) bands																		
					Hard white magnesite																		
157·1	158·6	100%	HQ		"	"																	
158·6	160·1	100%	HQ		"	"																	
160·1	161·6	100%	HQ		"	"																	
161·6	163·1	100%	HQ		"	"																	
163·1	166·1	100%	HQ		"	"																	
166·1	167·6	100%	HQ		"	"																	
167·6	169·1	100%	HQ		"	"																	
169·1	170·6	100%	HQ		"	"																	
					with Fe stained clay JT @ 169·60 m																		
170·6	172·1	100%	HQ		Hard white and stained magnesite + 30cm cavity																		
172·1	173·6	100%	HQ		Banded grey and white dolomite (?) magnesite																		
173·6	175·1	100%	HQ		"	"																	
175·1	176·6	100%	HQ		"	"																	
176·6	178·1	"	"		Massive veined white mag.																		
178·1	179·6	"	"		Massive white mag																		
179·6	181·1	"	"		" veined + brecc 179·7-180·0																		
181·1	182·6	"	"		Massive white mag																		
182·6	184·1	"	"		"																		
184·1	185·6	"	"		"																		
185·6	187·1	"	"		" veined from 186·9																		
187·1	188·6	"	"		Massive veined white mag.																		
188·6	190·1	"	"		"																		
190·1	191·6	"	"		"																		
191·6	193·1	"	"		"																		
192·1	194·6	"	"		"																		

DRILL CORE LOG

TASMANIA MAGNESITE NL

Tenement Name: RL 8718

Plan-Map Reference:

4

Co-ordinates: Azimuth: 139° mag

RL Collar: Inclination: -46°

Drillers: H Newman

Drill Types: Longyear 44

Commenced: -12-98

Completed: 30-1-99

Depth: 278.6

Casing Left:

Hole No: AR16

DPO No's:

49043

Depth From (m)	Depth To (m)	Core Rec (m)	Core Size	Graphic Log	Core Description	Mostly Buff	Mostly White	% Cryptocryst Magnesite	Minerals in Sparry patches: sil	Dol	Mag	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by): MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI
194.6	196.1	100	HQ		Mass, cream white mag																		
196.1	197.6	"	"		"																		
197.6	199.1	"	"		"																		
199.1	200.6	"	"		"																		
200.6	202.1	"	"		"																		
202.1	203.6	"	"		"																		
203.6	205.1	"	"		"																		
205.1	206.6	"	"		"																		
206.6	208.1	"	"		"																		
208.1	209.6	"	"		"																		
209.6	211.1	"	"		"																		
211.1	212.6	"	"		"																		
212.6	214.0	"	"		"																		
214.0	215.6	"	"		"																		
215.6	216.4	"	"		"																		
216.4	217.9	"	"		"																		
217.9	218.3	"	"		"																		
218.3	219.8	"	"		"																		
219.8	221.4	"	"		"																		
221.4	222.9	"	"		"																		
222.9	224.5	"	"		"																		
224.5	225.1	"	"		" Then HW schist from 224.8																		
225.1	226.6	"	"		HW schist to 225.5 then mass with orange mag.																		
226.6	228.2	"	"		Mass white to cream mag																		
228.2	229.7	"	"		"																		
229.7	231.2	"	"		"																		
231.2	232.8	"	"		"																		
232.8	233.6	"	"		"																		
233.6	235.1	"	"		"																		
235.1	236.6	"	"		"																		
236.6	238.1	"	"		"																		
238.1	239.6	"	"		"																		
239.6	241.1	"	"		"																		
241.1	242.6	"	"		"																		
242.6	244.1	"	"		"																		
244.1	244.8	"	"		"																		
244.8	246.3	"	"		"																		
246.3	247.9	"	"		"																		
247.9	249.4	"	"		"																		
249.4	251.0	"	"		"																		
251.0	252.6	"	"		"																		
252.6	254.1	"	"		"																		

DRILL CORE LOG

TASMANIA MAGNESITE NL

Tenement Name: RL8718

Plan-Map Reference:

Co-ordinates: Azimuth: 139° Mag

RL Collar: Inclination: -46°

Drillers: H. Newman

Drill Types: Longyear 44

Commenced: 1-12-98

Completed: 30/1/99

Depth: 378.6

Hole No: AR16

Casing Left:

DPO No's:

490041

Depth From (m)	Depth To (m)	Core Rec (m)	Core Size	Graphic Log	Core Description	Mostly Buff	Mostly White	% Cryptocryst Magnesite	Minerals in Sparry patches: sil	Minerals in Sparry patches: Dol	Minerals in Sparry patches: Mag	Sample No.	From (m)	To (m)	Rec (m)	Assay Values (Analysed by ...): MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI
254.1	256.1	100	HQ		Mag wh. mag.																		
256.1	257.6	"	"		"																		
257.6	259.1	"	"		"																		
259.1	260.6	"	"		"																		
260.6	262.1	"	"		"																		
262.1	263.6	"	"		"																		
263.6	265.1	"	"		"																		
265.1	266.6	"	"		"																		
266.6	268.1	"	"		"																		
268.1	269.6	"	"		"																		
269.6	271.1	"	"		"																		
271.1	272.6	"	"		"																		
272.6	274.1	"	"		"																		
274.1	275.6	"	"		"																		
275.6	277.1	"	"		"																		
277.1	278.6	"	"		"																		
EOH																							