DRILL CORE LOG

TASMANIA MAGNESITE NL

Tenement Name: RL 8518
Plan-Map Reference:
Co-ordinates:
RL Collar:
Azimuth: 330° TRUE
Inclination: -46°
Drillers: KAYE / BILLONS
Drill Types: LONGYEAR 38
Commenced: 30 JULY 1997
Completed: 21 August 97
Depth: 219.5m
Casing Left: approx 50m HW + PQ Barrel
Hole No: AR 10
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	Minerals in Sparry patches: Dol	Minerals in Sparry patches: Mag	Sample No.	From (m)	To (m)	Rec (m)	MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI
0	7.70	OPEN	HOLE		TRICONE ALLUVIALS																		
7.70	17.70	2%	HQ		Clay, cavities and 10cm of brown magnesite																		
17.70	19.50	0%	"		Cavity no return																		
19.50	21.50		"		Broken, brown magnesite																		
21.50	21.80		"		"																		
21.80	26.30	10%	"		Clay and broken brown magnesite 22.30-23m solid 23-26.30 clay																		
26.30	27.80	0%	"		no return clay and cavity																		
27.8	29.30	66%	"		Clay																		
29.30	30.80	—			Cavity																		
30.80	33.80	30%	"		Creamy broken magnesite 31.4-33.8 Creamy clay																		
33.8	36.5	65%	"		Broken decomposed magnesite and white creamy puggy clay																		
(70cm cavity)																							
			"		Pale khaki puggy clay 33.8-34.8																		
			"		Pale grey puggy clay 34.8-35.8																		

571126

DRILL CORE LOG — TASMANIA MAGNESITE NL

Tenement Name:
Plan-Map Reference:
Co-ordinates: Azimuth: Drillers: Commenced: Depth: Hole No: AR10
RL Collar: Inclination: Drill Types: Completed: Casing Left: 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
37·8	39·4	100%			Sandy clay + rock frag																		
39·4	40·5	0%			CAVITY																		
40·5	41·6	100%			Khaki pugay clay																		
					41·2-41·6 Sandy clay																		
41·6	42·80	60%	PQ		Pale creamy brown clay																		
42·8	44·8	25%	"		Dark brown/black clay with limonite (fizzy)																		
44·8	46·5	25%	"		Grey Sandy clay																		
46·5	48·2	100%	"		46·5 -48 Sandy clay																		
					48 - 48·2 Broken magnesite																		
48·2	50·8	75%	"		Broken jointed creamy magnesite with Sandy clay zones																		
50·5	52·8	0%	"		Cavity																		
52·8	54·8	0%	"		CAVITY																		
54·8	55·8	50%	HQ		Creamy White hard broken magnesite																		
55·8	57·6	80%	PQ		"																		
57·6	59·2	100%	"		Massive grey White dolomitic magnesite																		
59·2	60·8	100%	"		Massive dolomitic magnesite 60% dolomite																		
60·8	62·8	75%			As above with iron stained 50cm cavity at end																		

571127

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[redacted]DRI[redacted]OR[redacted]G [redacted] [redacted] [redacted] [redacted] [redacted] TASMANIA MAGNESITE NL [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]

Tenement Name:.....

Plan-Map Reference:.....

Co-ordinates:..... Azimuth:..... Drillers:..... Commenced:..... Depth:..... Hole No: ARJO

RL Collar:..... Inclination:..... Drill Types:..... Completed:..... Casing Left:..... 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	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
62.8	72.8	0			CAVITY																		
72.8	73.4	100%			Pale yellow jointed red and buff magnesite.																		
73.4	75.7	100%			" Last 50c getting whiter																		
75.7	77.4	100%			Hard white magnesite with part dolomite																		
77.4	78.7	100%			"																		
78.7	80.3	100%			"																		
80.3	81.7	100%			Slightly fe stained 75° joint 80.6m																		
81.7	83.7	100%			White magnesite / dolomite																		
83.7	84.7	100%			"																		
84.7	86.2	100%			"																		
86.2	87.5	100%			"																		
87.5	89.1	100%			"																		
89.1	90.7	100%			Broken white hard magnesite																		
90.7	92.3	100%			Part broken hard magnesite. Some 30cm patches dolomite's At 92 fe staining																		
92.5	93.7	100%			Fe stained magnesite last 30cm decline near cavity																		

571123

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DRILL CORE LOG — TASMANIA MAGNESITE NL

Tenement Name:
Plan-Map Reference:

Co-ordinates: Azimuth: Drillers: Commenced: Depth: Hole No: AR10

RL Collar: Inclination: Drill Types: Completed: Casing Left: 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	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
93.7	95.8	100%	HQ		Fe stained magnesite																		
93.8	94.6	20%	"		Cavity																		
94.6	96.7	10%	"		Cavity																		
96.7	96.9	0%	"		Cavity																		
96.9	98.6	100%	"		Buff + yellow magnesite with wispy dolomite																		
98.6	99.5	100%	"		Yellow buff broken magnesite																		
99.5	101.1	100%	"		White magnesite and dolomite and buff magnesite																		
101.1	102.6	100%	"		Buff fe stained and white mag. with wispy dol.																		
102.6	104.2	100%	"		Creamy col. Magnesite																		
104.2	105.7	100%	"		" Last 50 cm white																		
105.7	108.7	100%	"		Creamy white magnesite																		
108.7	110.3	100%	"		" bit jointed																		
110.3	111.7	100%	"		Massive magnesite																		
111.7	113.3	100%	"		" Part iron stained																		
113.3	117.7	100%	"		"																		
117.7	119.3	100%			Massive white magnesite with																		

5711129

DRILL CORE LOG

TASMANIA MAGNESITE NL

Tenement Name:

Plan-Map Reference:

Co-ordinates: Azimuth: Drillers: Commenced: 30 July 1997 Depth: Hole No: AR10

RL Collar: Inclination: Drill Types: Completed: Casing Left: 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	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
119·3	120·7	100%	HQ		Massive white mag. with dolomite vein and patches pale buff colour last 50cms																		
120·7	122·3	100%	"		Massive creamy magnesite with patches white dol.																		
122·3	123·7	100%	"		" with wispy dol. veinlets																		
123·7	125·3	100%	"		"																		
125·3	126·7	100%	"		"																		
126·7	128·3	100%	"		"																		
128·3	129·7	100%	"		"																		
129·7	131·3	100%	"		"																		
131·3	132·7	100%	"		becoming slightly Fe stained and broken 132·3–132·6 breccia																		
132·7	134·3	100%	"		White magnesite with translucent dol veins																		
134·3	135·7	100%	"		" From 134·6–134·7 brecciated? 135·1 breccia																		
135·7	137·3	100%	"		Massive mag. with wispy dol veins																		
137·3	138·7	100%	"		Massive white magnesite – some // joints																		
138·7	141·7	50%	"		" 60cm cavity 138·8–139·4 Vuggy stained magnesite at																		

5711130

DRILL CORE LOG — **TASMANIA MAGNESITE NL**

Tenement Name:
Plan-Map Reference:

Co-ordinates: | Azimuth: | Drillers: | Commenced: 30 JULY 1997 | Depth: | Hole No: AR10

RL Collar: | Inclination: | Drill Types: | Completed: | Casing Left: | 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)	MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI
141.7	143.3	100%	HQ		Buff and Fe stained broken magnesite																		
143.3	144.7	100%			Buff, Fe stained broken magnesite																		
144.7	146.3	100%			"																		
146.3	147.7	100%			" Fe stained up to 147.2 m then white																		
147.7	149.3	100%			Massive white magnesite																		
149.3	150.7	100%			"																		
150.7	152.3	100%			"																		
152.3	153.7	100%			"																		
153.7	155.3	100			"																		
155.3	156.7	100			"																		
156.7	158.3	100			" then from 158.0 Y brown to cream weathered magnesite																		
158.3	159.7	100			" then from 158.2 white, veined, massive magnesite.																		
159.7	161.3	100			" with few vughs																		
161.3	162.7	100			"																		
162.7	164.3	100			"																		
164.3	165.3				" then from 164.5 [illegible]																		

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571131

DRILL CORE LOG **TASMANIA MAGNESITE NL**

Tenement Name:..........
Plan-Map Reference:..........

Co-ordinates: .... Azimuth:.......... Drillers:.......... Commenced:.......... Depth:.......... Hole No: AR10
RL Collar:.......... Inclination:.......... Drill Types:.......... Completed:.......... Casing Left:.......... DPO No's:..........

Assay Values (Analysed by ....)

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)	MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI
165.3	166.9		HQ		Cavity																		
166.9	168.6	100			Y brown weathered + brecciated magnesite																		
168.6	170.2	100			Cream weathered + brecciated magnesite																		
170.2	171.7	100			Cream + white veined massive magnesite with a few whisps																		
171.7	173.3	100			" then from 173.0 Y brown weathered + brecciated magnesite																		
173.3	174.7	100			" with a 30-40 cm wide shear at 173.4 to 173.7																		
174.7	176.3	100			cream, partially weathered veined magnesite with a few whisps																		
176.3	177.7	100			Y brown weathered + brecciated mag to 177.5 then cream partially weathered veined + whisply massive mag.																		
177.7	179.3	100			" then Y brown weathered mag to 179.0 then cream to white massive mag.																		
179.3	180.7	100			"																		
180.7	182.3	100			"																		
182.3	183.7	100			"																		
183.7	185.3	100			"																		

571132

DRILL CORE LOG — **TASMANIA MAGNESITE NL**

Tenement Name:
Plan-Map Reference:
Co-ordinates: Azimuth: Drillers: Commenced: Depth: Hole No: AR10
RL Collar: Inclination: Drill Types: Completed: Casing Left: 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)	MgO	CaO	SiO2	Al2O3	Fe2O3	MnO	SO3	LOI
185.3	185.6				cavity																		
185.6	186.2	100			cream + white veined massive magnesite																		
186.2	187.9	100			"																		
187.9	189.5				white veined massive magnesite																		
189.5	191.1	100			"																		
191.1	192.7	100			Y brown weathered & broken in places veined magnesite																		
192.7	194.3	100			Y brown to cream weathered veined magnesite																		
194.3	[illegible]	100			cream from white veined massive magnesite?																		
[illegible]	[illegible]	100			white veined massive magnesite "																		
[illegible]	198.7	100			"																		
198.7	200.3	100			white veined massive magnesite "																		
200.3	201.7	100			" becoming cream from 201.4																		
201.7	203.3	100			Cream & white veined & brecciated massive magnesite with 10cm band of brown mag/dol at 201.0			Rare pyrite cubes on joint faces															
203.3	204.7	100			cream + white veined massive magnesite																		

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[redacted] DRILL CORE LOG [redacted] TASMANIA MAGNESITE NL [redacted]

Tenement Name: [redacted]8578

Plan-Map Reference:

Co-ordinates: Azimuth: Drillers: Commenced: Depth: Hole No: AR10

RL Collar: Inclination: Drill Types: Completed: Casing Left: 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
204.7	206.3	100			white veins of massive magnesite																		
206.3	207.7	100			"																		
207.7	209.3	100			"																		
209.3	210.7				" plus few small white pods																		
210.7	211.3	100			"																		
[illegible]	213.3	100			"																		
[illegible]	[illegible]	100			"																		
[illegible]	216.7	100			"																		
[illegible]	217.3	100			" then at 216.8 green-black chlorite carbonate schist trace of pyrite & red mineral possible rhodochrosite																		
[illegible]	[illegible]	—			"																		
EOH																							

571134

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