

COMPANY: Golden Triangle  
 PROJECT: Main Creek Magnesite  
 HOLE NUMBER: MC 47

828140

Commenced:	16 February 99
Completed:	21 February 99
Logged By:	L A Newnham
Drilled By:	Almac Drilling

Purpose of Hole
to test the northern extension of the Carbonate Sequence above MC 46 (ie) at moderate depth;

Comments on Completion
the Carbonate Sequence appears to be thinning to the north; two relatively shallow zones of high quality magnesite intersected; a feature of the lower zone was the high proportion of coarse crystalline magnesite;

Collar Details

Grid	Northing	Easting	Elevation	Dip	Bearing
AMG	5399428.4	346682.7	2156.0	-55	242

Length (m)
247.6

Hole Size	
To (m)	Size
21.0	HW
42.5	HQ
247.6	NG

Significant Core Loss Zones		
From	To	%Rec.
0.0	20.5	0

Hole Condition on Completion
all steel rods and casing removed from hole; 6 m. PVC collar pipe inserted and remained;

Summary of Results:

Depth		Recovery %	Description	Assays				
From	To			Length	MgO	CaO	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>
58.1	96.0	100	magnesite, extensively replaced;	38.2	44.44	2.13	2.40	0.80
134.0	166.0	100	magnesite, with large areas coarse crystalline magnesite	32.0	45.19	2.20	0.10	0.70



828141

**GOLDEN TRIANGLE RESOURCES N.L.**

A.C.N. 066 353 231

FOR AND ON BEHALF OF  
GOLDEN TRIANGLE RESOURCES N.L.  
A.C.N. 066 353 231REGISTERED OFFICE:  
LEVEL 3  
71 QUEENS ROAD  
MELBOURNE VIC  
AUSTRALIA 3004TEL: 61 3 9510 2544  
FAX: 61 3 9510 2770**FACSIMILE TRANSMISSION**

TO: Lindsay Newnham

FROM: Matt Noonan

DATE: 12/5/99

CC:

RECEIVER'S FAX NO:

(03) 6394 3435

**FAXED***Zee*No of Pages:  
(Including this Page) (1)  
RE: Grades

Lindsay,

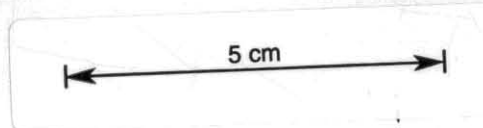
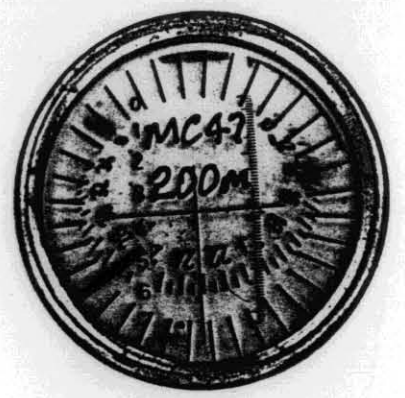
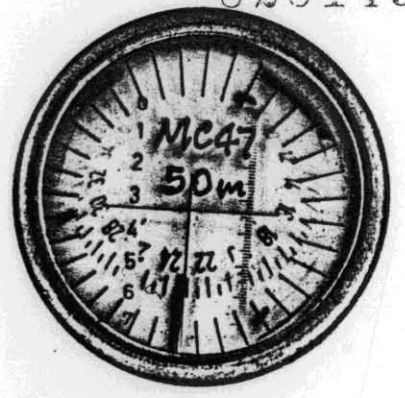
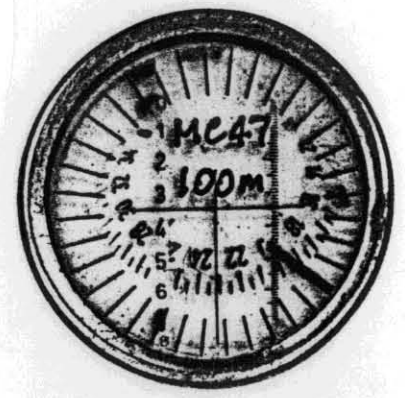
Results as Requested

HOLE-ID	FROM	TO	INTERVAL	CAO	FE2O3	MGO	SiO2
MC 40	19	39	20	2.78	0.90	44.53	0.89
MC 40	60	116	56	1.92	0.85	45.49	0.39
MC 40	149	189	40	3.78	0.81	44.04	0.09
MC 42	81	101	20	1.76	1.36	43.81	3.01
MC 42	262	275	13	2.44	1.32	44.57	0.56
MC 44	14	26	12	2.05	1.78	44.23	1.52
MC 44	93	131	38	2.96	0.64	44.69	0.38
MC 44	100	108	8	1.96	0.58	45.70	0.16
MC 44	117	131	14	2.36	0.61	45.07	0.49
MC 45	157.5	191	29.6	2.59	2.34	43.47	1.48
MC 45	157.5	173	15.5	2.49	2.21	43.49	1.92
MC 45	178.9	191	12.1	2.60	2.52	43.54	0.80
MC 45	262	270	8	1.91	1.76	41.47	6.75
MC 45	282	335	51.6	1.61	1.24	42.83	5.32
MC 45	383	390	7	2.83	0.95	44.54	0.17
MC 45	395	404	9	2.46	0.82	44.82	0.09
MC 46	248	263	15	1.77	0.56	45.37	0.75
MC 46	279	289	10	2.18	0.52	45.30	0.03
MC 47	58.1	96	38.2	2.13	0.80	44.44	2.40
MC 47	58.1	75	17.2	1.61	1.12	44.14	3.99
MC 47	84	96	12	1.85	0.60	45.17	1.51
MC 47	134	166	32	2.20	0.70	45.19	0.10
MC 48A	217.6	226	8.4	2.59	0.73	44.70	0.21
MC 49	74.9	83	8.1	2.14	0.99	45.34	0.17
MC 49	96	122	26	2.55	0.72	45.08	0.17
MC 51	60	72	12	2.16	2.70	40.66	6.99
MC 51	305	326	21	2.77	0.39	45.01	0.05
MC 54	231.2	253	20	2.25	2.69	43.46	0.77
MC 54	285	313	28	3.08	1.71	37.78	12.71
MC 54	364	377	13	2.36	1.80	44.35	0.05

Matt



828143



MC 47



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Description		Core Recovery			RQD			Assays							
From	To	From	To	%	From	To	%	From	To	MgO	CaO	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>		
40.2 continued....	58.1														
		<b>53.2-57.2 m:</b> magnesite; upper half white, talcose and extensively replaced by gray crystalline magnesite; lower half massive white magnesite and white-light gray crystalline magnesite; core soft and weak due to talc; sharp contact with unit below 70 CA; <b>57.2-58.1 m:</b> dark gray schist with talcose margins; numerous white 1-5 mm quartz and quartz-carbonate veins; sharp contact with unit below 55 CA;													
58.1	97.0	58.1	97.0	100	61.2	65.8	85	58.1	59.0	43.83	1.53	3.19	1.96		
					65.8	70.2	95	59.0	60.0	45.50	0.56	1.81	1.63		
					70.2	74.9	95	60.0	61.0	44.70	0.73	2.96	1.50		
					74.9	79.3	85	61.0	62.0	45.13	0.66	2.83	1.44		
					79.3	83.3	50	62.0	63.0	44.11	0.83	3.64	1.44		
					83.3	87.3	45	63.0	64.0	44.58	0.76	3.32	1.56		
					87.3	91.6	40	64.0	65.0	44.05	0.68	4.89	1.42		
					91.6	96.1	75	65.0	66.0	44.49	0.76	4.54	1.23		
								66.0	67.0	45.09	1.02	2.53	0.98		
								67.0	68.0	44.03	1.35	4.54	0.90		
								68.0	69.0	44.01	1.63	3.86	0.79		
								69.0	70.0	42.73	2.11	8.41	0.77		
								70.0	71.0	44.60	2.00	3.38	1.05		
								71.0	72.0	43.23	2.38	8.57	0.65		
								72.0	73.0	42.52	4.31	3.88	0.52		
								73.0	74.0	44.35	3.06	1.50	0.40		
								74.0	75.0	43.49	2.86	4.15	0.58		
								75.0	76.0	44.05	3.35	1.23	0.37		
								76.0	77.0	43.54	3.60	1.13	0.41		
								77.0	78.0	44.68	3.27	<0.05	0.40		
								78.0	79.0	44.41	3.15	0.11	0.49		
								79.0	80.0	45.27	2.59	<0.05	0.37		
								80.0	81.0	44.04	3.63	<0.05	0.46		
								81.0	82.0	43.93	2.55	1.41	0.52		
								82.0	83.0	43.73	4.05	0.58	0.57		
								83.0	84.0	42.66	5.35	0.35	0.63		
								84.0	85.0	44.55	2.40	1.24	0.61		
								85.0	86.0	44.23	3.00	1.95	0.58		

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Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	MgO	CaO	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>		
58.1	97.0	no sulfides;							86.0	87.0	43.92	3.16	3.04	0.63		
continued.....		core competent; grades into.....							87.0	88.0	44.81	2.63	0.77	0.56		
97.0	111.5	<b>ALTERED DOLOMITE:</b>	97.0	111.5	100	96.1	100.7	95	88.0	89.0	44.51	1.79	3.74	0.57		
		<b>97.0-101.5:</b> light gray even textured siliceous carbonate (? dolomite) mixed with talcose darker gray silicified carbonate; cut by abundant 1-10 mm white magnesite (?) veins; grades into.....				100.7	105.3	85	89.0	90.0	46.18	1.09	0.37	0.52		
		<b>101.5-109.8 m:</b> darker gray carbonate (dolomite) silicified and containing abundant talc; replacement accompanied by brecciated appearance; several dark gray talcose schist bands, cut by brecciated white quartz veins and containing abundant disseminated pyrite, semi massive in places; bottom metre consists of well bedded stylolitic dolomite with large masses of coarse crystalline magnesite; abundant pyrite in stylolites and irregular semi massive veinlets in crystalline carbonate sections; core moderately weak due to talcose nature; schistose sections are very broken and puggy in places; SCA 65-70; grades into.....				105.3	110.3	70	90.0	91.0	44.41	2.67	1.70	0.58		
		<b>109.8-111.5 m:</b> gray carbonate, extensively brecciated and replaced by coarse crystalline magnesite and talc, resulting in overall mottled appearance; core competent but weak in talcose sections; grades into.....				110.3	114.6	75	91.0	92.0	45.48	1.36	1.26	0.52		
									92.0	93.0	46.16	0.82	1.75	0.49		
									93.0	94.0	45.55	0.88	1.49	0.62		
									94.0	95.0	45.80	1.42	0.55	0.76		
									95.0	96.0	46.42	0.94	0.27	0.74		
									96.0	97.0	41.99	5.40	1.02	0.99		
111.5	120.0	<b>MAGNESITE, pyritic:</b>	111.5	120.0	100	114.6	119.0	75								
		light gray-white magnesite, extensively replaced by white and gray crystalline magnesite; veins and large masses of late stage coarse crystalline magnesite; talcose seams common;				119.0	122.7	45								
		<b>114.6 m:</b> 100 mm dark schist bed, very contorted texture;														
		<b>117.5-120.0 m:</b> magnesite pyritic with pyrite infilling fractures, on replacement margins and semi massive in stylolitic structures;														

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Description		Core Recovery			RQD			Assays							
From	To	From	To	%	From	To	%	From	To	MgO	CaO	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>		
111.5 continued.....	120.0														
120.0	167.0	120.0	167.0	100	122.7	126.6	60	120.0	121.0	42.00	6.09	<0.05	0.79		
					126.6	130.9	55	121.0	122.0	44.81	2.28	<0.05	0.63		
					130.9	135.3	80	122.0	123.0	44.99	2.86	<0.05	0.64		
					135.3	139.3	45	123.0	124.0	43.20	4.79	<0.05	0.72		
					139.3	143.5	40	124.0	125.0	35.65	12.22	1.16	1.62		
					143.5	147.7	65	125.0	126.0	32.07	17.36	0.36	1.06		
					147.7	152.4	75	126.0	127.0	41.09	5.25	<0.05	0.84		
					152.4	156.4	80	127.0	128.0	42.55	5.40	<0.05	0.97		
					156.4	160.0	45	128.0	129.0	44.31	3.38	<0.05	0.89		
					160.0	163.9	40	129.0	130.0	45.48	1.77	0.15	0.80		
					163.9	168.2	70	130.0	131.0	45.67	1.59	<0.05	0.71		
								131.0	132.0	41.50	6.19	0.75	0.87		
								132.0	133.0	43.51	3.12	1.19	1.41		
								133.0	134.0	43.93	3.22	0.25	1.26		
								134.0	135.0	44.55	1.55	0.59	2.04		
								135.0	136.0	44.88	2.27	0.34	1.14		
								136.0	137.0	45.24	1.91	0.29	0.71		
								137.0	138.0	45.68	1.61	<0.05	0.65		
								138.0	139.0	45.74	1.49	0.17	0.66		
								139.0	140.0	45.58	1.66	<0.05	0.65		
								140.0	141.0	44.36	3.13	<0.05	0.63		
								141.0	142.0	44.42	3.10	<0.05	0.69		
								142.0	143.0	45.78	1.54	<0.05	0.71		
								143.0	144.0	45.68	1.70	<0.05	0.66		
								144.0	145.0	43.62	3.96	0.16	0.71		
167.0	168.2	167.0	168.2	100				145.0	146.0	43.90	3.86	0.30	0.74		
								146.0	147.0	45.37	1.73	<0.05	0.63		
								147.0	148.0	45.41	2.03	<0.05	0.59		
								148.0	149.0	45.10	2.42	<0.05	0.57		
								149.0	150.0	45.50	2.12	<0.05	0.61		
								150.0	151.0	45.45	1.76	<0.05	0.60		
								151.0	152.0	45.62	1.69	<0.05	0.66		
168.2	179.4	168.2	179.4	100	168.2	172.8	90	152.0	153.0	45.81	2.04	<0.05	0.64		
					172.8	177.4	90	153.0	154.0	44.05	3.61	<0.05	0.66		
					177.4	181.9	90	154.0	155.0	44.14	2.98	0.36	1.14		
								155.0	156.0	45.67	1.73	<0.05	0.65		

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From	To		From	To	%	From	To	%	From	To	MgO	CaO	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>			
168.2	179.4	typically about 50% of the core; <b>172.1 m:</b> 500 mm, soft gray schist, minor pyrite; SCA 40; soft and weak; magnesite very competent; wide spaced jointing 30 CA; sharp contact with unit below 50 CA;							156.0	157.0	45.88	1.55	<0.05	0.58			
continued.....									157.0	158.0	45.34	2.01	<0.05	0.53			
									158.0	159.0	45.54	1.88	<0.05	0.55			
									159.0	160.0	45.39	2.04	<0.05	0.53			
									160.0	161.0	45.41	2.15	<0.05	0.51			
									161.0	162.0	45.81	1.91	<0.05	0.53			
									162.0	163.0	45.47	1.82	<0.05	0.54			
179.4	185.2		<b>SCHIST:</b> dark gray moderately schistose unit, with abundant fine grained magnetite in central section; significant white-pink carbonate component parallel to schistosity; several narrow carbonate veins; several large xenoliths or blocks white magnesite; minor (<1%) pervasive fine grained pyrite; SCA 35; schistosity surfaces greasy (talcose); core competent with most fractures parallel to schistosity; contact with unit below 35 CA;	179.4	185.2	100	181.9	186.6	90	163.0	164.0	45.62	1.96	<0.05	0.58		
									164.0	165.0	45.20	2.55	<0.05	0.58			
									165.0	166.0	44.80	2.55	0.13	0.58			
								166.0	167.0	39.07	8.88	0.62	0.74				
								168.2	169.0	40.21	6.92	2.11	1.16				
								169.0	170.0	44.14	3.49	<0.05	0.81				
								170.0	171.0	41.87	6.15	<0.05	0.79				
								171.0	172.1	42.99	4.61	0.20	0.90				
								172.6	174.0	44.43	1.91	1.47	1.12				
								174.0	175.0	43.94	3.29	0.79	1.08				
								175.0	176.0	45.67	1.37	0.37	1.05				
185.2	198.5	<b>MAGNESITE:</b> <b>185.2-186.5 m:</b> white-light gray magnesite brecciated and replaced by crystalline magnesite and thin late stage veins and patches of coarse crystalline magnesite; significant talc component; <b>186.5-198.5 m:</b> fine grained (?) dolomitic magnesite, brecciated and replaced by clear-white crystalline magnesite; abundant 1-10 mm. veins of coarse crystalline magnesite; only trace pyrite and talc; generally excellent ground except talcose sections near top of unit are weak; principal jointing 45 and 30 CA; grades into unit below.....	185.2	198.5	100	186.6	191.1	95	176.0	177.0	45.08	2.55	0.50	1.05			
								191.1	195.7	95	177.0	178.0	45.15	1.98	0.50	1.03	
								195.7	200.1	85	178.0	179.4	42.78	4.41	1.31	1.30	
									185.2	186.0	36.10	10.81	3.72	1.85			
									186.0	187.0	39.15	6.11	7.06	1.46			
									187.0	188.0	43.52	3.79	0.24	1.03			
									188.0	189.0	44.86	2.43	0.28	0.99			
									189.0	190.0	45.45	1.06	0.93	1.16			
									190.0	191.0	45.66	1.56	<0.05	0.79			
									191.0	192.0	45.87	1.54	<0.05	0.76			
									192.0	193.0	43.30	3.91	1.11	0.81			
									193.0	194.0	44.56	2.88	0.67	0.77			
									194.0	195.0	44.19	3.45	0.30	0.73			
									195.0	196.0	41.45	6.93	<0.05	0.64			
198.5	203.7	<b>MAGNESITE, pyritic:</b> magnesite as for 185.2 n., but carrying 1-2% pyrite associated with talcose areas; pyrite locally more abundant; (eg) 198.5 m: 200 mm. 10% pyrite 199.9 m: 150 mm. 10% pyrite	198.5	203.7	100	200.1	204.7	95	196.0	197.0	37.57	11.13	0.42	0.88			
									197.0	198.5	41.47	7.16	<0.05	0.63			

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From	To		From	To	%	From	To	%	From	To	MgO	CaO	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>				
198.5 continued.....	203.7	ground conditions moderately good; principal fracturing 40 CA;																
203.7	206.4	<b>SCHIST:</b> light gray carbonate; <2 mm. white carbonate veins common; 204.2 m: 200 mm white magnesite vein; <0.5% disseminated and veined pyrite; SCA 30; core moderately competent; sharp 35 CA contact with unit below;	203.7	206.4	100	204.7	209.5	95										
206.4	219.1	<b>MAGNESITE, pyritic:</b> strongly brecciated white magnesite, replaced by light gray-white crystalline magnesite and late stage coarse crystalline magnesite as veins and irregular masses; 1% pervasive pyrite as thin stringers, infilling stylolitic structures and associated with widespread talc alteration; 210.4 m: 600 mm. dark gray soft talcose schist; SCA 70-80; magnesite is competent with wide spaced jointing 30 CA;	206.4	219.1	100	209.5 214.0	214.0 218.7	85 100										
219.1	222.6	<b>SCHIST:</b> dark gray granular schist intermixed with fine grained soft talcose schist; 100 mm. semi massive magnetite at top of unit; irregular 1-2 mm veins and partings of white carbonate; rare fine grained disseminated pyrite; SCA 60; core moderately broken;	219.1	222.6	100	218.7	222.9	60										
222.6	232.5	<b>MAGNESITE:</b> white magnesite extensively brecciated and replaced by light gray crystalline magnesite and minor thin veins of coarse crystalline magnesite; pyritic and talcose in patches; 223.6 m: 150 mm. vuggy water worn zone; 225.9 m: 40 mm. light gray pug zone; below 226.0 m: becomes more pyritic with...	222.6	232.5	100	222.9 227.3	227.3 232.1	90 80										

