COMPANY: Golden Triangle
PROJECT: Main Creek Magnesite
HOLE NUMBER: MC 34

Commenced:	04 March 98
Completed:	24 March 98
Logged By:	L A Newnham
Drilled By:	Dia. Drill Tas

Purpose of Hole
To test the Main Creek deposit at depth beneath MC 30.

Comments on Completion
several high quality magnesite lenses intersected in lower half of a 370 m. wide carbonate sequence; an upper high quality zone possibly outcropped east of MC 30 collar; the broad high quality zone in MC 30 appears to have become more dolomitic with depth and is represented in MC 34 by a 17 m. wide zone close to the schist FW ; this zone is marginally higher in CaO (3.38%); suggesting a general increase of calcium with depth ;

Collar Details

Grid	Northing	Easting	Elevation	Dip	Bearing
AMG	5399333	346987	113	-55	242

Length (m)
514.0

Hole Size	
To (m)	Size
49.7	PQ
~~casing advancer~~	
126.0	HQ
514.0	NQ

Significant Core Loss Zones		
From	To	%Rec.
0.0	49.7	0
58.0	61.8	45

Hole Condition on Completion
all steel removed from hole; PVC collar pipe inserted;

Summary of Results:

Depth		Recovery	Description	Assays							
From	To	%		Length	MgO	CaO	SiO_2	Fe_2O_3			
271.1	289.1	100	massive fine grained magnesite (unit underlain by dolomitic magnesite which is in turn underlain by high quality magnesite)	18.0	43.99	2.05	2.26	1.47			
441.1	459.1	100	massive magnesite, extensive late stage magnesite veining	18.0	43.65	3.38	0.75	0.79			

DOWN HOLE SURVEY DATA

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Depth	Dip	Bearing	Interval		Length	Vertical Distance		Horizontal Distance		Co-ordinates			
(m)		(AMG)	From	To	(D)	D.sin dip	R.L.	D. cos dip (HD)	Cumulative HD	N. distance HD. cos brg.	N. co-ordinate	E. distance HD. sin brg.	E. co-ordinate
COLLAR	-55	242					113.00		0.00		5,399,333.0		346,987.0
0	-55	242	0	50	50	40.96	72.04	28.68	28.68	-13.46	5,399,319.5	-25.32	346,961.7
100	-55	242	50	125	75	61.44	10.61	43.02	71.70	-20.20	5,399,299.3	-37.98	346,923.7
150	-54	243	125	175	50	40.45	-29.84	29.39	101.09	-13.34	5,399,286.0	-26.19	346,897.5
200	-53	244	175	225	50	39.93	-69.78	30.09	131.18	-13.19	5,399,272.8	-27.05	346,870.5
250	-51	245	225	275	50	38.86	-108.63	31.47	162.64	-13.30	5,399,259.5	-28.52	346,841.9
300	-50	247	275	325	50	38.30	-146.94	32.14	194.78	-12.56	5,399,247.0	-29.58	346,812.4
350	-49	247	325	375	50	37.74	-184.67	32.80	227.59	-12.82	5,399,234.1	-30.20	346,782.2
400	-48	248	375	430	55	40.87	-225.54	36.80	264.39	-13.79	5,399,220.3	-34.12	346,748.0
460	-47	252	430	480	50	36.57	-262.11	34.10	298.49	-10.54	5,399,209.8	-32.43	346,715.6
500	-44	257	480	507	27	18.76	-280.87	19.42	317.91	-4.37	5,399,205.4	-18.92	346,696.7
514	-43	257	507	514	7	4.77	-285.64	5.12	323.03	-1.15	5,399,204.3	-4.99	346,691.7
514													

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Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	MgO	CaO	SiO_2	Fe_2O_3		
0.0	49.7	**NO CORE:** casing advancer used to advance HW casing through soft HW sediments; brown water return combined with rapid penetration indicated weathered schists and no magnesite;	0.0	49.7	0											
49.7	55.7	**MAGNESITE:** massive magnesite with gray dolomitic streaks throughout; magnesite varies from large lumps cream very fine grained material to white fine grained crystalline magnesite, both types cut by 1-10 mm. veins coarse white crystalline magnesite; dolomitisation of magnesite advanced in places; minor beds of chocolate brown soft schist near base of unit; ground conditions excellent;	49.7	55.0	100	49.7 54.3	54.3 60.3	100 75	49.7 50.7 51.7 52.7 53.7 54.7 55.7	50.7 51.7 52.7 53.7 54.7 55.7 56.5	39.21 35.44 40.39 39.81 41.56 43.37 44.85	5.04 5.85 4.13 5.00 3.43 2.47 1.14	7.63 14.44 6.61 6.18 6.25 3.15 1.75	1.28 1.26 1.33 0.97 1.28 1.52 2.08		
55.7	66.6	**LEACHED SCHIST:** dark brown to dark gray weathered schist; strongly leached with rusty color suggesting pyrite removal; core very broken, reduced to rubble in places;	55.0 58.0 60.3 61.8 62.6 64.8	58.0 60.3 61.8 62.6 64.8 65.4	75 40 50 100 35 90	60.3 65.5	65.5 69.7	0 70								
66.6	122.9	**SCHISTOSE DOLOMITE:** dark gray-green dolomitestreaked gy white calcite; weakly sheared and silicified in places; pervasive alteration of dolomite to talc with carbonaceous partings in places; white calcite (?) veining and masses abundant in places; ocassional thin concordant pug seams - not faults; minor <1% pyrite pervasive, increasing below 101 m; 101-106 m: semi massive pyrite in thin 2-20 mm. bands parallel to bedding; below 106 m., pyrite 2-3 % as disseminated euhedral grains, streaks on schistosity planes,	65.4 67.0	67.0 122.9	65 100	69.7 74.4 78.5 82.8 87.0 91.5 95.7 99.8 104.4 108.8 113.3 117.8	74.4 78.5 82.8 87.0 91.5 95.7 99.8 104.4 108.8 113.3 117.8 122.3	90 75 80 70 80 50 60 90 75 100 90 85								

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Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	MgO	CaO	SiO_2	Fe_2O_3		
66.6	122.9	cont..... and aggregates along stylolitic surfaces; SCA/bedding? uniform 55-60; ground conditions generally good, but several broken zones; main fractures parallel to schistosity with secondary joint set 20-30 CA; fracture surfaces talcy and often rusty near top of unit;														
122.9	194.3	**SILICIFIED DOLOMITE (talcose below 154:)** light gray silicified dolomite, cut by numerous 1-5 mm. white calcite ? veins, possibly accompanying silicification;trace fine grained pervasive pyrite < 1%; 145.8 m: narrow band calcite-pyrite semi parallel to schistosity; 154 m: large patch pale green talc; below 154 m: 10-30 mm. bands pure light green talc become common; talcose alteration of dolomite also widespread;ocassional lumps magnesite set in dolomite matrix; 170.2-172.3 m: dark gray massive talcose rock; 172.3-174.1 m: massive talcose magnesite; 174.1-179.5 m: dolomite 179.5 182.8 m: talcose dolomite with 2-3 % coarse euhedral pyrite concentrated along irregular surfaces such as stylolitic structures and boundaries of dolomite-magnesite lumps; 182.8-194.3 m: talcose dolomite, silicified and pyritic in sections; ground conditions generally very good except for few zones which have suffered brittle fracturing along calcite (?) veins, and softer talcose sections which tend to be crumbly; reduced to NQ at 126.0 m;	122.9	194.3	100	122.3 126.5 131.2 135.7 140.4 144.8 149.5 154.2 158.9 163.6 168.6 172.8 177.3 181.9 186.4 191.0	126.5 131.2 135.7 140.4 144.8 149.5 154.2 158.9 163.6 168.6 172.8 177.3 181.9 186.4 191.0 195.5	70 80 75 80 50 100 95 80 100 85 75 80 100 85 75 75								
194.3	195.3	**INTERBEDDED SCHIST and MAGNESITE:** dark gray non-calcareous schist with one 200 mm. bed dolomitic magnesite near top; SCA 60-70;	194.3	195.3	100											

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Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	MgO	CaO	SiO_2	Fe_2O_3		
195.3	217.4	**MAGNESITE, two minor schist bands:** massive white magnesite; mottled appearance in places due to light gray dolomitisation; minor patches of silicification; thin <5 mm. randomly orientated veins of coarse crystalline magnesite common; 201.5 m: 150 mm. band dark gray talcose schist; 207.0 m: 300 mm. band dark gray talcose schist; ground conditions generally very good; most breaks are driller breaks; widely spaced joint sets at 30 and 50 CA; combine in several narrow zones to produce broken intervals;	195.3	217.4	100	195.3	200.3	100	195.3	196.3	43.31	2.31	0.88	2.65		
						200.3	204.9	95	196.3	197.3	44.35	1.65	0.63	2.86		
						204.9	209.7	95	197.3	198.3	42.51	2.19	3.28	2.81		
						209.7	214.2	90	198.3	199.3	44.03	1.40	1.69	2.73		
						214.2	218.8	100	199.3	200.3	43.89	1.85	0.88	2.79		
									200.3	201.5	42.94	2.42	2.51	2.75		
									201.7	202.7	40.94	3.46	6.12	2.43		
									202.7	203.7	40.27	4.51	4.86	2.49		
									203.7	204.7	39.30	6.35	3.74	2.49		
									204.7	205.7	40.16	6.07	1.61	2.41		
									205.7	207.0	40.63	4.85	1.74	3.41		
									207.3	208.3	40.99	4.60	1.99	3.22		
217.4	221.1	**SCHISTOSE DOLOMITE:** dark gray schistose dolomite with common 1-3 mm. white calcite bands parallel to schistosity SCA 50-60; ground conditions good:	217.4	221.1	100	218.8	223.6	90	208.3	209.3	41.21	3.52	3.44	3.01		
									209.3	210.3	41.98	2.62	3.39	2.85		
									210.3	211.3	42.94	2.80	1.58	2.50		
									211.3	212.3	42.72	2.93	1.64	2.36		
									212.3	213.3	43.67	2.58	0.97	2.37		
									213.3	214.3	42.25	3.46	2.14	2.88		
221.1	229.3	**DOLOMITE minor MAGNESITE:** light gray dolomite, with calcite veining; patches of dolomitic magnesite; minor disseminated pyrite concentrated along magnesite-dolomite boundariesand rarely on stylolitic surfaces;	221.1	229.3	100	223.6	228.2	95	214.3	215.3	40.83	2.94	4.16	3.19		
						228.2	232.7	90	215.3	216.3	41.72	2.73	3.69	2.87		
									216.3	217.3	39.44	2.46	9.71	2.77		
229.3	240.6	**TALCOSE MAGNESITE:** white magnesite, light gray appearance in places due to dolomitisation; abundant light green talc throughout as large masses and beds completely replacing magnesite (not assayed); 300 mm. schist band at top of unit; ground conditions generally very good;	229.3	240.6	100	232.7	237.5	95								
						237.5	242.3	95								
240.6	241.4	**SCHIST:** dark gray schist ;SCA 45;	240.6	241.4	100											
241.4	261.6	**MOTTLED MAGNESITE-DOLOMITE:** white fine grained magnesite replaced by light	241.4	261.6	100	242.3	246.8	85								

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From	To		From	To	%	From	To	%	From	To	MgO	CaO	SiO_2	Fe_2O_3		
241.4	261.6	cont.....							241.7	242.7	37.65	2.78	13.19	2.41		
		gray dolomite giving mottled appearance;				246.8	251.5	75	242.7	243.7	40.24	1.79	8.42	2.93		
		several narrow schist bands as follows:				251.5	256.2	100	243.7	244.7	39.34	2.75	8.45	2.93		
		244.4 m: 100 mm.				256.2	262.0	90	244.7	245.7	40.87	1.24	9.05	2.04		
		246.7 m: 400 mm.							245.7	246.7	44.08	1.80	3.16	1.88		
		247.7 m: 200 mm.							246.7	247.7	21.34	28.13	3.48	1.26		
		minor late stage (?) silicification of magnesite and dolomite in places;							247.7	248.7	23.85	19.50	14.13	1.41		
		ground conditions generally very good;							248.7	249.7	30.22	7.78	19.96	1.78		
									249.7	250.7	19.45	20.40	22.11	1.10		
261.6	271.2	**DOLOMITE minor MAGNESITE:**							250.7	251.7	20.95	17.76	23.39	0.93		
		light gray dolomite with streaks and patches	261.6	271.2	100	262.0	265.7	85	251.7	252.7	22.41	17.26	21.94	0.96		
		fine grained magnesite throughout;				265.7	270.2	85	252.7	253.7	24.38	20.84	11.01	1.22		
		moderate silicification in part;							253.7	254.7	22.73	24.33	7.95	1.07		
		ground conditions very good;							254.7	255.7	20.86	25.17	10.42	0.97		
		not assayed;							255.7	256.7	18.07	24.61	17.81	0.70		
									256.7	257.7	18.84	25.01	14.93	0.72		
271.2	291.0	**MAGNESITE partially dolomitised:**	271.2	291.0	100	270.2	279.5	100	257.7	258.7	19.36	25.16	13.99	0.96		
		massive white fine-medium grained magnesite, variably but not intensely dolomitised, producing mottled appearance for most of unit;				279.5	284.5	95	258.7	259.7	17.48	23.49	20.96	0.66		
						284.5	288.8	90	259.7	260.7	16.49	22.42	25.38	0.67		
						288.8	293.4	90	260.7	261.7	17.75	22.48	22.07	0.74		
		random fine (1-5 mm) veins crystalline magnesite common;							261.7	263.7	18.67	24.23	17.85	0.74		
									263.7	264.7	17.39	24.05	20.56	0.54		
		ground conditions excellent, most breaks being driller breaks;							264.7	265.7	18.75	25.70	14.95	0.68		
									265.7	266.7	22.67	19.96	16.64	1.07		
		widely spaced joint set at 30 CA;							269.7	271.1	23.74	24.48	5.57	0.99		
		gradational with unit below;							271.1	272.1	43.64	1.79	3.67	1.59		
									272.1	273.1	43.62	3.32	0.78	1.54		
291.0	297.0	**MIXED DOLOMITE and MAGNESITE:**	291.0	297.0	100	293.4	297.8	55	273.1	274.1	45.19	1.38	0.70	1.34		
		large lumps white magnesite set in groundmass light gray dolomite resulting in mottled appearance;							274.1	275.1	45.14	1.48	0.82	1.38		
									275.1	276.1	45.28	1.73	0.37	1.30		
		similar to unit above but more dolomitic; (not assayed);							276.1	277.1	45.34	1.72	0.23	1.23		
									277.1	278.1	45.31	1.46	0.72	1.33		
		becoming more magnesite rich below 297 m;							278.1	279.1	44.91	2.01	0.17	1.33		
		minor (<0.5%) isolated grains euhedral pyrite;							279.1	280.1	44.15	2.07	1.80	1.36		
		294-296 m: core moderately broken due to close spaced joints 50-60 CA;							280.1	281.1	44.58	2.62	0.55	1.41		
									281.1	282.1	44.56	2.05	0.93	1.63		
									282.1	283.1	43.36	2.19	3.14	1.66		
297.0	331.2	**DOLOMITIC MAGNESITE:**							283.1	284.1	42.81	2.40	3.39	2.00		
		gradational with unit above;	297.0	331.2	100	297.8	307.0	100	284.1	285.1	41.99	1.72	5.78	1.93		
		large lumps fine grained white magnesite set				307.0	311.8	95	285.1	286.1	42.08	2.82	4.84	1.86		

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From	To		From	To	%	From	To	%	From	To	MgO	CaO	SiO_2	Fe_2O_3		
297.0	331.2	cont.....							286.1	287.1	41.87	2.23	6.96	1.25		
		in gray dolomitic matrix, producing streaky				311.8	321.1	100	287.1	288.1	45.47	1.82	1.17	1.12		
		and mottled appearance:				321.1	325.8	85	288.1	289.1	42.55	2.09	4.61	1.12		
		thin beds talcose dolomite as follow:				325.8	330.7	100	289.1	290.8	42.57	3.81	<0.05	2.27		
		299.8 m: 40 mm;														
		308.4 m: 200 mm;							297.1	298.1	39.15	2.02	11.27	1.68		
		323.1 m: 200 mm;							298.1	299.1	42.35	1.68	3.46	1.78		
		these intervals contain 3-5 % coarse							299.1	300.1	41.20	3.76	3.36	2.59		
		disseminated euhedral pyrite;							300.1	301.1	43.51	1.53	2.73	2.02		
		in dolomitic magnesite, <1% fine pyrite							301.1	302.1	43.15	1.54	3.99	1.62		
		typically along talcose-dolomitic interfaces							302.1	303.1	40.91	1.29	9.87	1.61		
		and in stylolites;							303.1	304.1	42.18	0.98	7.28	1.60		
		magnesite ground conditions excellent; thin							304.1	305.1	41.55	3.41	5.36	1.41		
		talcose dolomite beds soft and very broken;							305.1	306.1	43.37	2.58	2.24	1.32		
331.2	337.5	**TALCOSE DOLOMITE and DOLOMITIC**							306.1	307.1	38.86	4.87	7.45	1.70		
		MAGNESITE:	331.2	337.5	100	330.7	335.2	65	307.1	308.1	25.53	19.86	9.54	1.05		
		zone of mixed very soft broken dark gray				335.2	339.6	90	308.1	309.1	15.11	17.41	36.06	0.89		
		talcose dolomite, white fine grained magnesite							309.1	310.1	18.45	22.52	21.20	0.73		
		and light gray dolomite;							310.1	311.1	18.09	19.47	27.28	0.91		
		3-5% coarse euhedral pyrite in talcose							311.1	312.1	16.36	19.95	30.10	0.80		
		dolomite;							312.1	313.1	14.91	20.18	32.09	0.64		
		talcose stylolitic surfaces common in							313.1	314.1	16.42	17.18	35.54	0.73		
		dolomite;							314.1	315.1	38.54	7.73	4.81	1.33		
		irregular patchy nature of talc within							315.1	316.1	37.79	10.46	1.26	1.34		
		magnesite suggests partial alteration of							316.1	317.1	34.72	12.66	3.74	1.41		
		magnesite;							317.1	318.1	43.27	2.30	3.63	1.28		
		poor ground conditions in talcose units,							318.1	319.1	41.17	4.19	5.01	1.35		
		magnesite and dolomite competent;							319.1	320.1	40.74	4.03	6.51	1.34		
337.5	366.5	**DOLOMITIC MAGNESITE:**	337.5	366.5	100	339.6	344.0	85	320.1	321.1	41.26	3.57	5.75	1.40		
		large lumps white fine grained magnesite set				344.0	353.5	95	321.1	322.1	37.92	5.58	9.65	1.51		
		in light gray dolomite resulting in streaky and				353.5	367.7	100	322.1	323.1	38.37	6.92	5.17	2.02		
		mottled texture;							323.1	324.1	42.11	3.26	2.73	2.53		
		minor dark gray talcose dolomite beds:							324.1	325.1	38.96	5.45	5.66	2.29		
		343.4 m: 100mm;							325.1	326.1	40.45	4.94	3.51	2.35		
		346.1 m: 50 mm;							326.1	327.1	40.37	3.71	6.18	1.99		
		becoming less dolomitic below 344.8 m; with							327.1	328.1	42.60	3.09	3.39	1.92		
		ocassional irregular veins clear crystalline							328.1	329.1	42.62	1.91	3.41	2.41		
		magnesite;							329.1	331.4	41.19	3.00	5.07	2.56		
		355.2 m: 0.5 m. dark soft schistose talc zone,														
		with embedded lumps white magnesite;														
		represents total alteration of dolomite;							340.0	341.0	36.21	9.91	3.96	2.02		

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	MgO	CaO	SiO_2	Fe_2O_3		
337.5	366.5	cont..... 352.7-358.1 m: dolomitic magnesite, possibly only 50 % magnesite; 358.1-358.6 m: dark gray talc completely replacing dolomite, swirling around large apparently unaltered lumps magnesite; 358.6-366.5 m: mottled white magnesite (50%) and light gray dolomite; ground conditions generally very good, except for talcose dolomite beds which are very soft and broken; widely spaced irregular fracturing 30 CA;							341.0	342.0	35.78	11.53	2.82	1.87		
									342.0	343.0	37.73	8.76	3.35	1.93		
									344.8	345.8	38.47	7.68	2.30	1.85		
									345.8	346.8	39.97	6.62	2.02	1.89		
									346.8	347.8	40.98	5.68	1.76	1.82		
									347.8	348.8	40.83	4.43	3.64	2.20		
									348.8	349.8	40.03	6.51	1.35	2.14		
									349.8	350.8	42.66	4.50	<0.05	2.05		
									350.8	352.3	43.83	3.05	0.14	1.88		
366.5	368.4	**SCHIST:** dark gray pyritic schist; sharp contact with unit above; dark brown-talcose in part; good ground conditions;	366.5	368.4	100											
368.4	386.9	**DOLOMITE-MAGNESITE:** lumps fine grained white magnesite set in light gray dolomite giving core mottled texture; 40-50% of core is magnesite; dolomite component increases below 385.5 m; <0.5% pyrite in dolomite as fine striated grains; ground conditions excellent;	368.4	386.9	100	367.7	386.5	100								
386.9	389.5	**SCHIST:** dark gray speckeled schist interbedded with light brown-gray silty rock, possibly altered siltstone; SCA 60;	386.9	389.5	100	386.5	391.1	80								
389.5	395.3	**MAGNESITE, dolomitic:** lumps white magnesite set in light gray dolomitic groundmass, producing mottled texture; several 2-5 mm. veins coarse crystalline magnesite; 1-2% pyrite concentrated along irregular dolomite-magnesite boundaries; 390.8 m: 100 mm. dark gray soft schist band; ground conditions excellent;	389.5	395.3	100	391.1	396.0	90	389.4	390.4	36.94	9.15	2.07	1.84		
									390.4	391.4	39.89	5.56	2.11	2.01		
									391.4	392.4	40.97	5.15	1.19	1.68		
									392.4	393.4	36.49	11.72	0.94	1.52		
									393.4	394.4	36.83	11.28	0.99	1.49		
									394.4	395.4	41.28	5.97	0.52	1.72		

COMPANY: Golden Triangle
PROJECT: Main Creek Magnesite
HOLE NUMBER: MC 34

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	MgO	CaO	SiO_2	Fe_2O_3		
395.3	401.3	**SCHIST:** dark gray schist, speckeled in places; siliceous sections showing contorted appearance (slumping); quartz veining and augens common near footwall where core becomes very broken;	395.3	401.3	100	396.0 400.4	400.4 405.1	75 80								
401.3	409.0	**MAGNESITE, silicified and dolomitic:** off-white-light gray magnesite,coloration due to high silica and dolomite contents; minor thin schist bands; 403.9-405.5 m: 50 mm. dark gray band of talcose schist semi parallel to CA; becomes increasingly dolomitic towards base of unit where it grades into schist; 1-2% disseminated pyrite in dolomitic sections; excellent ground conditions;	401.3	409.0	100	405.1	409.8	90	401.6 402.6 403.6 404.6 405.6 406.6 407.6	402.6 403.6 404.6 405.6 406.6 407.6 409.1	33.01 39.33 34.19 37.86 39.03 35.56 40.21	13.33 6.25 8.61 4.27 6.36 9.02 5.57	3.15 2.39 8.36 7.98 3.60 3.48 0.61	3.12 3.23 3.72 3.80 2.73 3.88 3.31		
409.0	423.9	**SCHIST:** dark gray speckeled schist with speckeled appearance due to abundant carbonate spotting; some sections siliceous and non-calcareous; 1-4 mm. irregular carbonate veining common throughout; <1% pyrite, usually confined as disseminated grains in thin quartz and quartz-carbonate veins; SCA 50-60 but somewhat erratic; ground conditions moderately good with some sections showing frequent fractures along schistosity and cross-cutting joint sets;	409.0	423.9	100	409.8 414.5 419.0	414.5 419.0 423.7	90 70 95								
423.9	426.0	**DOLOMITE, some MAGNESITE:** bedded or banded light gray dolomite with large patches white magnesite near top of unit; abundant pyrite along "bedding" surfaces and stylolitic structures as fine, striated euhedral grains in aggregates; sharp contact with unit below;	423.9	426.0	100	423.7	428.2	95								

COMPANY: Golden Triangle
PROJECT: Main Creek Magnesite
HOLE NUMBER: MC 34

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	MgO	CaO	SiO_2	Fe_2O_3		
426.0	466.4	**MAGNESITE:** massive fine grained white magnesite, extensively recrystallised in places; some sections light gray due to dolomitisation; 429.5-431.1 m: dark gray non-calcareous schist with very sharp FW and HW contacts; abundant 1-10 mm. irregular veins coarse crystalline magnesite; below 448 m., crystallisation of magnesite becomes advanced and pervasive with fine grained creamy colored magnesite taking on brecciated appearance; only trace pyrite as fine disseminated grains in more dolomitic sections; ground conditions excellent with most breaks being driller breaks;	426.0	466.4	100	428.2	432.8	80	426.2	427.2	41.43	5.69	0.19	1.16		
						432.8	465.7	100	427.2	428.2	43.02	2.54	3.16	1.39		
									428.2	429.4	40.34	7.23	0.62	1.21		
									431.1	432.1	44.14	3.50	<0.05	0.99		
									432.1	433.1	42.92	4.89	<0.05	0.93		
									433.1	434.1	42.45	5.28	0.16	1.38		
									434.1	435.1	43.49	4.47	<0.05	0.92		
									435.1	436.1	42.71	4.75	0.29	1.05		
									436.1	437.1	41.96	5.26	0.17	1.23		
									437.1	438.1	43.96	3.50	<0.05	0.90		
									438.1	439.1	44.82	2.53	<0.05	0.96		
									439.1	440.1	42.16	4.90	<0.05	0.81		
									440.1	441.1	40.52	6.95	0.27	0.79		
									441.1	442.1	44.15	2.29	0.67	0.80		
									442.1	443.1	43.54	2.28	1.33	1.45		
									443.1	444.1	44.38	2.73	1.81	0.67		
466.4	477.7	**INTERBEDDED MAGNESITE and TALCOSE SCHIST:** dark gray schists interbedded with white massive magnesite, dolomitic in parts; (due to narrow width of unit, magnesite not assayed); 466.4-470.0 m: dark gray-brown massive greenschist; irregular white-pink carbonate patches common; minor chalcopyrite blebs near very top of unit; sharp contact with- 470.0-470.8 m: massive white magnesite; 470.8-471.2 m: dark gray-green soft talcose schist; 471.2-472.8 m: magnesite, recrystallised in part 472.8-473.6 m: as for 470.8- 473.6-476.8 m: magnesite, crystalline in part, dolomitic and silicified; 476.8-477.2 m: schist with thin magnesite bed 477.2-477.7 m: carbonate with large irregular patches of magnetite;	466.4	477.7	100	465.7	470.5	100	444.1	445.1	44.46	2.48	2.76	0.57		
						470.5	475.1	85	445.1	446.1	44.26	2.95	1.24	0.68		
						475.1	479.7	90	446.1	447.1	43.78	3.96	0.37	0.75		
									447.1	448.1	41.75	6.27	0.21	0.63		
									448.1	449.1	44.41	3.11	0.10	0.60		
									449.1	450.1	43.39	3.93	0.18	0.65		
									450.1	451.1	44.50	3.59	<0.05	0.61		
									451.1	452.1	44.27	3.12	<0.05	0.73		
									452.1	453.1	42.84	5.21	<0.05	0.78		
									453.1	454.1	44.48	2.22	<0.05	0.85		
									454.1	455.1	43.63	3.26	<0.05	1.02		
									455.1	456.1	44.53	3.57	<0.05	0.93		
									456.1	457.1	44.01	3.65	0.10	0.86		
									457.1	458.1	39.63	2.77	2.44	0.87		
									458.1	459.1	43.71	3.37	2.15	0.84		
									459.1	460.1	40.81	6.32	<0.05	1.06		
									460.1	461.1	44.28	2.69	1.17	0.66		
									461.1	462.1	43.01	4.26	0.31	0.62		
									462.1	463.1	43.25	5.15	<0.05	0.62		
									463.1	464.1	42.34	5.68	<0.05	0.85		
477.7	514.0	**SCHIST:** dark gray schists; **to 485 m:** dark gray schists with some narrow	477.7	514.0	100	479.7	484.5	85	464.1	465.1	34.67	14.40	0.62	1.01		
						484.5	489.5	65	465.1	466.4	submitted but not reported					

COMPANY: Golden Triangle
PROJECT: Main Creek Magnesite
HOLE NUMBER: MC 34

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	MgO	CaO	SiO_2	Fe_2O_3		
477.7	514.0	cont.... softer light green talcose beds; abundant thin irregular carbonate veins and pervasive calcareous component in schist; moderately magnetic in places; 2-3% pyrite as coarse euhedral individual grains and aggregates; **below 485 m:** coarser grained dark gray schist with numerous 1-5 mm quartz veins and pink felspar veins parallel to schistosity- common in places; several finer grained green-gray unitswith magnetite spotting; moderately magnetic throughout; 3-5% coarse euhedral pyrite throughout, more abundant in places as semi-massive bands parallel to schistosity; **below 501 m:** pyrite increases with bands and aggregates up to 10%; 506.0-508.5 m: distinctive dark gray schist with abundant pink felspar and white quartz banding, and 10-15% pyrite as large blebs and aggregates of coarse euhedral crystals; SCA 60 and consistent; groung conditions reasonably good with most fractures parallel to schistosity; **END OF HOLE**	489.5 493.7 498.5 503.1 507.9	493.7 498.5 503.1 507.9 514.0	90 80 85 90 90												