31353

ASSESSMENT REPORT

On

ACCESS TRAIL CONSTRUCTION

And

DIAMOND DRILLING

DRIFTWOOD CREEK MAGNESITE PROPERTY

Tenures 511333 & 511335

Driftwood Creek Area
GOLDEN MINING DIVISION

NTS 82K/15E
TRIM 82K.088 & 098
Lat. 50° 54' N Long. 116° 33' W
UTM 5639500N 530500E

For
TUSK EXPLORATION LTD.
201 – 1512 Yew St.
Vancouver, B.C.
V6K 3E4

By

Peter Klewchuk, P. Geo.
January, 2010

Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources
GEOLOGICAL SURVEY BRANCH

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]: DIAMOND DRILLING

TOTAL COST: $174,120.44

AUTHOR(S): PETER KLEWCHUK SIGNATURE(S): Pet K

P. KLEWCHUK
BRITISH COLUMBIA
GEOSCIENTIST

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): YEAR OF WORK: 2008

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S): 4339929 SEPT 9, 2009

PROPERTY NAME: DRIFTWOOD CREEK

CLAIM NAME(S) (on which work was done): 511333, 511335

COMMODITIES SOUGHT: MAGNESITE

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: GOLDEN NTS: 82K/15E

LATITUDE: 50 ° 54 ' ° LONGITUDE: 116 ° 33 ' ° (at centre of work)

UTM 5639000N 531500E

OWNER(S)

1) TUSK EXPLORATION LTD 2)

MAILING ADDRESS

201 - 1512 YEW ST
VANCOUVER, B.C
V6K 3E4

OPERATOR(S) [who paid for the work]

1) SAME 2)

MAILING ADDRESS

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

MAGNESITE, WHICH IS PART OF THE HELIKIAN MT. NELSON FORMATION, FORMS THE CORE OF AN EASTERLY TRENDING RIDGE; PREVIOUS ESTIMATES OF SIZE INDICATE THE DEPOSIT IS ABOUT 20 MILLION TONNES

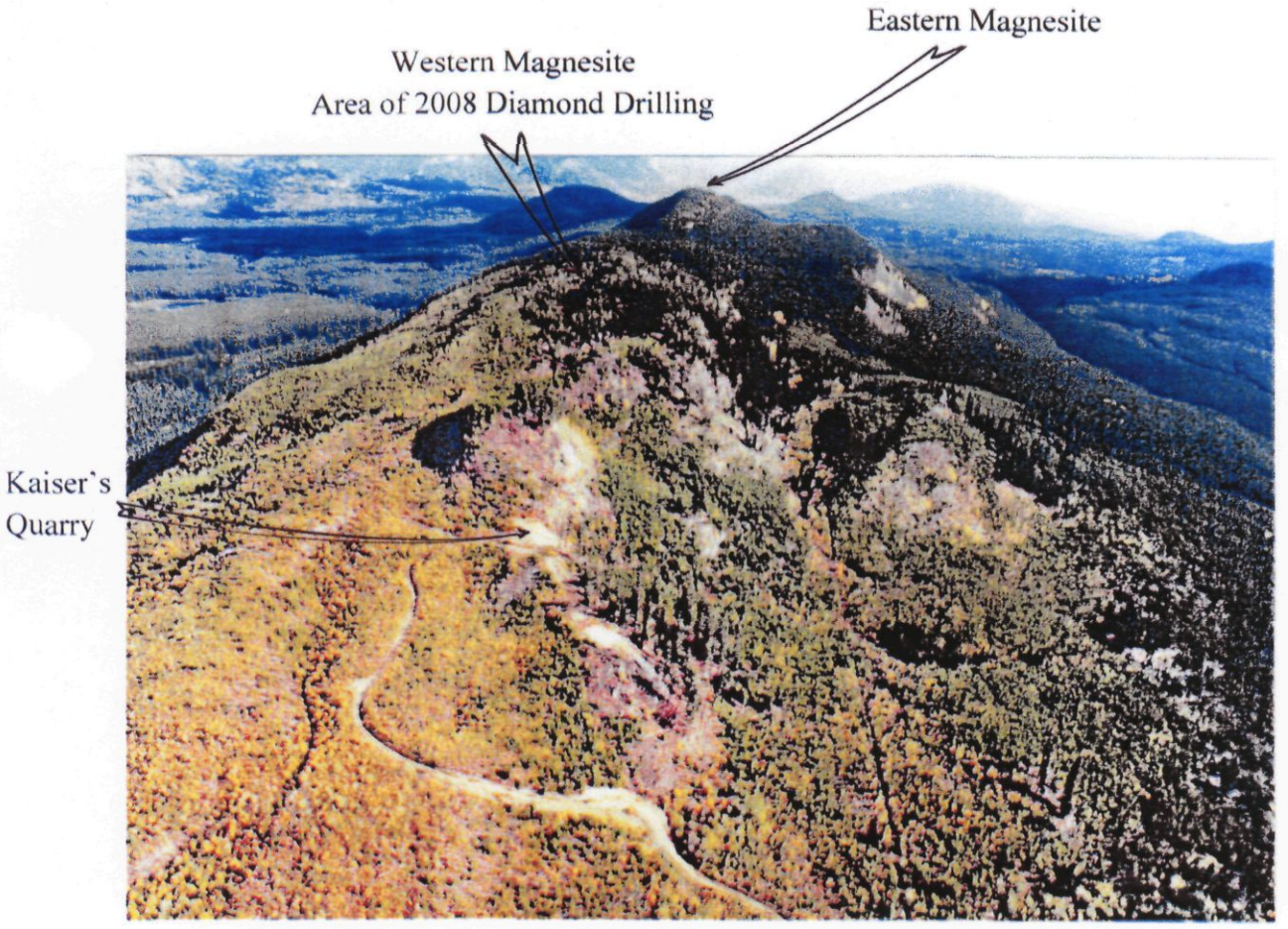
REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 8760, 19,416, 26,345, 30,243

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core	692 meters	511333	$174,720.44
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail	3300 meters		
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	$174,720.44

FRONTISPIECE

Driftwood Creek Magnesite Deposit



View easterly toward the ridge of magnesite. The road in the foreground leads to Kaiser's small 1978 quarry. This road was extended in 2008 to the area of drilling and to the Eastern Magnesite. Photograph taken in ~1988.

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1.0 INTRODUCTION

This report describes a program of access trail construction and diamond drilling completed on the Driftwood Creek magnesite deposit in the Driftwood Creek area west of Brisco, British Columbia, during the period September – November, 2008.

1.10 Location and Access

The Driftwood Creek magnesite deposit is located in southeastern British Columbia on the west side of the Rocky Mountain Trench and just north of Driftwood Creek, between the drainages of Bobbie Burns and Bugaboo Creeks. The property is within the Golden Mining District on NTS map 82K/15 or TRIM maps 82K.088 & 82K.098, centered approximately at latitude 50° 54'N, longitude 116° 33'W or UTM coordinates 530500E, 5639500N (Figs. 1 & 2).

The property can be accessed from Highway 93 from either Brisco or Spillimacheen. From Brisco the Bugaboo Creek and Driftwood Creek Forest Service Roads are followed to about 39 km on the Driftwood Road. From here a 1 km access trail leads onto the western edge of the magnesite deposit and to the site of a small quarry where Kaiser Resources Ltd. excavated a small bulk sample in 1978.

From Spillimacheen the road follows the south side of the Spillimacheen River and Bobbie Burns Creek, and a 'Driftwood Creek access road' to about 18 km. At this point a tributary road leads southeasterly to a saddle on the magnesite ridge. This road to the ridge was used for a small diamond drilling program by Canadian Occidental Petroleum Ltd. in 1989. This road is quite steep in places and has a clay base thus is only suitable in dry weather. New access trail construction from the west eliminates the need to use this steep, clay-based road now.

A spur line of the Canadian Pacific Railway parallels Highway 93 and the Kootenay River east of Brisco and Spillimacheen, between Golden to the north and Cranbrook to the south.

1.20 Physiography

The Driftwood Creek magnesite deposit is located west of the Rocky Mountain Trench in the Purcell range of the Columbia Mountains. The property covers part of a prominent isolated ridge that trends about 115° Azimuth between Driftwood Creek to the south and Bobbie Burns Creek to the north. Topography is moderate except for the magnesite itself which locally forms steep cliffs more than 15m (50 ft) high on both the north and south sides of the deposit. East of the

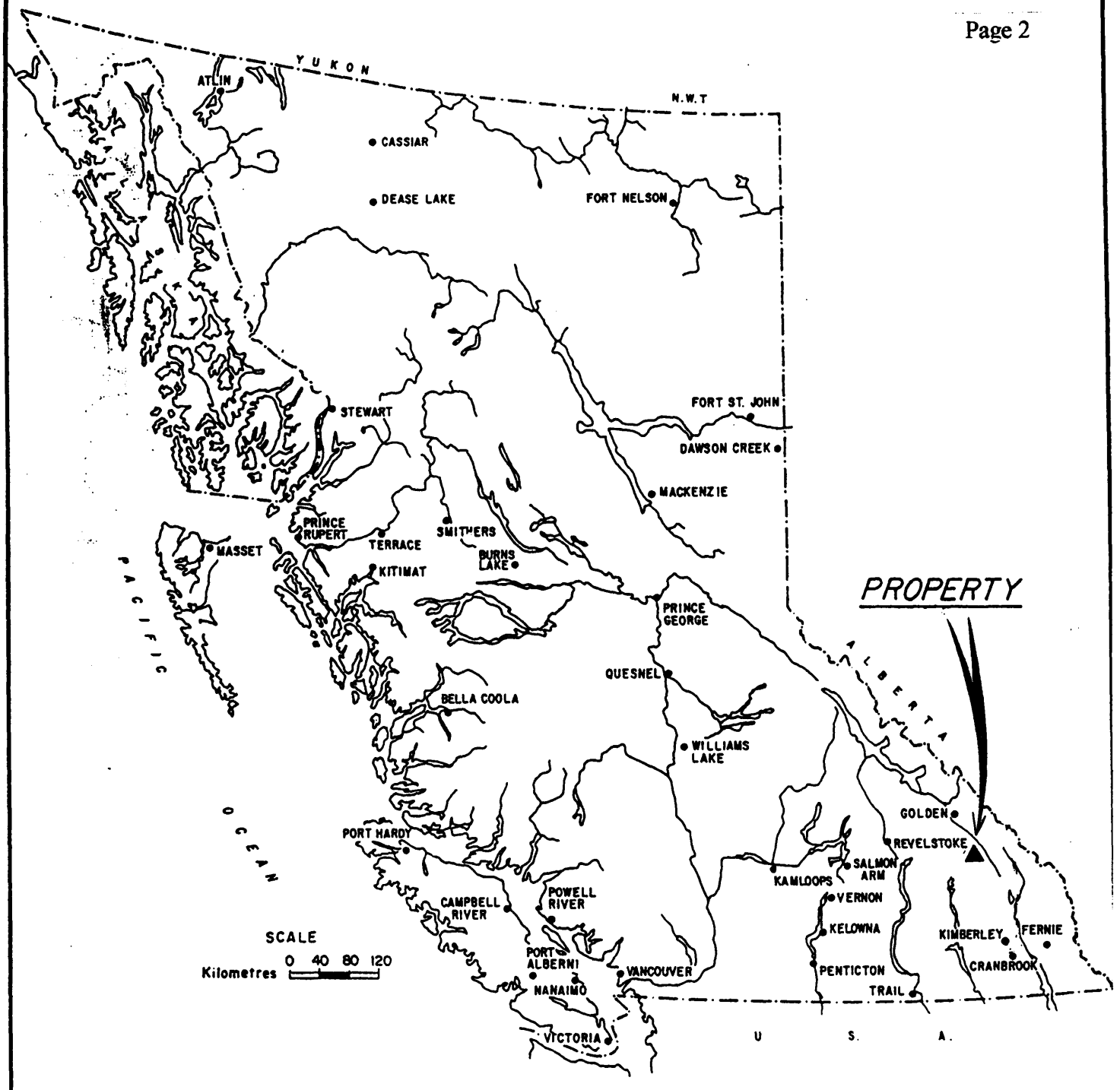
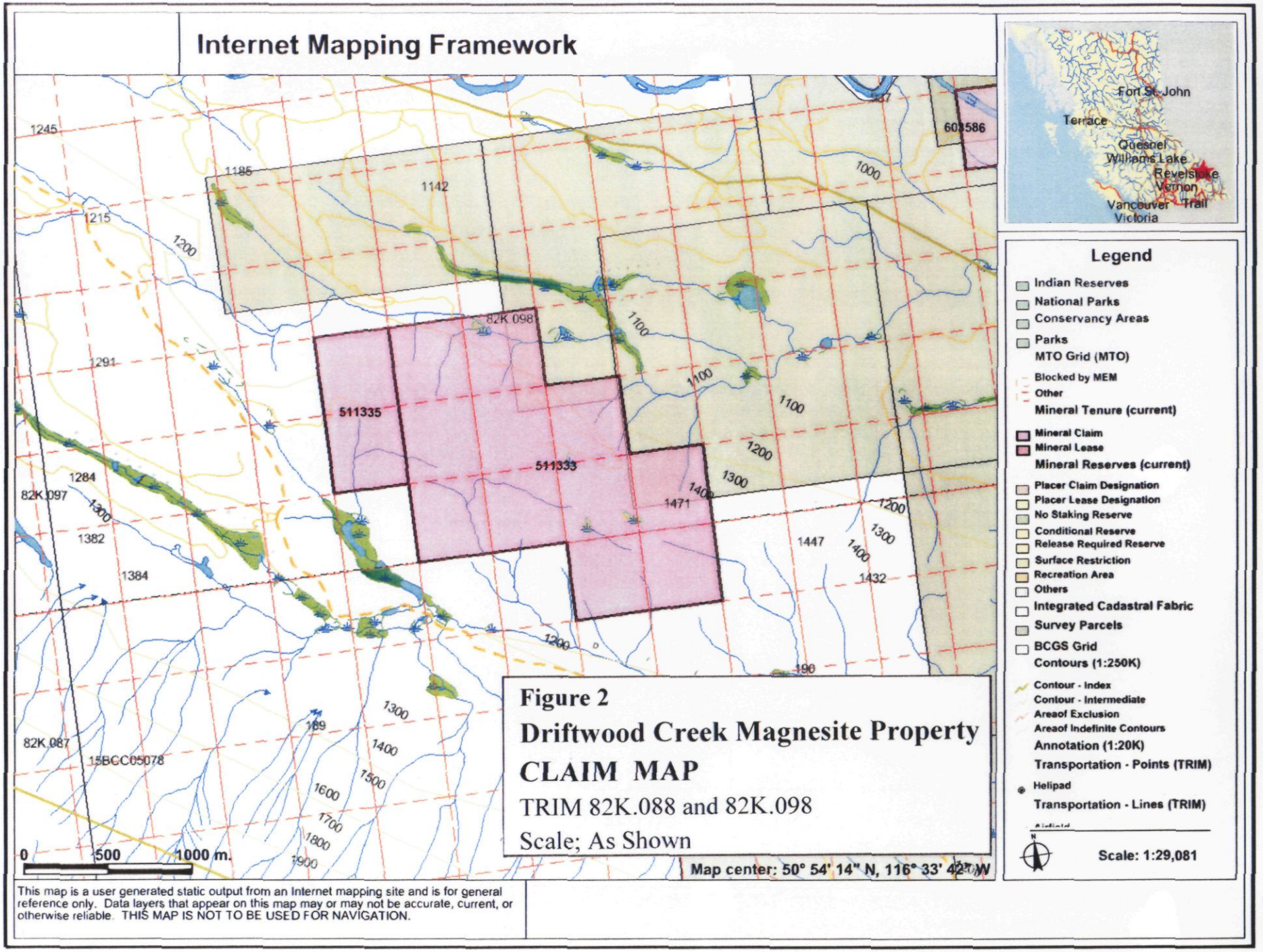


Figure 1
DRIFTWOOD CREEK MAGNESITE DEPOSIT
PROPERTY LOCATION MAP


Internet Mapping Framework
511335
511333
82K 098
82K 097
82K 087
15BCC05078
603586
1142
1185
1245
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1291
1284
1382
1384
1471
1447
1432
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
0
500
1000 m.
Fort St. John
Terrace
Quesnel
Williams Lake
Revelstoke
Vernon
Vancouver
Victoria
Trail
Legend
Indian Reserves
National Parks
Conservancy Areas
Parks
MTO Grid (MTO)
Blocked by MEM
Other
Mineral Tenure (current)
Mineral Claim
Mineral Lease
Mineral Reserves (current)
Placer Claim Designation
Placer Lease Designation
No Staking Reserve
Conditional Reserve
Release Required Reserve
Surface Restriction
Recreation Area
Others
Integrated Cadastral Fabric
Survey Parcels
BCGS Grid
Contours (1:250K)
Contour - Index
Contour - Intermediate
Areaof Exclusion
Areaof Indefinite Contours
Annotation (1:20K)
Transportation - Points (TRIM)
Helipad
Transportation - Lines (TRIM)
Scale: 1:29,081
Figure 2
Driftwood Creek Magnesite Property
CLAIM MAP
TRIM 82K.088 and 82K.098
Scale; As Shown
Map center: 50° 54' 14" N, 116° 33' 42" W
This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

claims and the magnesite, the host dolomite continues as a prominent ridge. Elevations on the claim block range from 1190 to 1370 meters. Forest cover consists mainly of Lodgepole Pine with lesser Douglas Fir and Western Yellow Larch, with minor birch and aspen.

1.30 Property

The property includes two mineral titles, 51133 and 51135 for a total of 13 claim units (Fig. 2). The claims are currently under option to Tusk Exploration Ltd. of Vancouver, B.C.

1.40 History of Previous Exploration

Magnesite was first discovered in the Brisco area in the 1960's and a series of small deposits are described by McCammon (1965) in British Columbia Minister of Mines Annual Report for 1964. The Driftwood Creek Deposit is not included in McCammon's summary but was evidently discovered about this time as it was first staked in 1968.

In 1978 Kaiser Resources Ltd. (predominantly a coal-mining company) acquired the Driftwood Creek deposit and carried out a program of surface geologic mapping and some very minor and poorly-documented diamond drilling. From their surface work, a resource of 22,500,000 tonnes of magnesite was inferred (using a specific gravity of 2.5). Publicly-available reports indicate some minor diamond drilling was done, but no data is provided. The property was held for ten years, then the claims were allowed to expire.

In 1987 the Driftwood Creek magnesite deposit was staked by Canadian Occidental Petroleum Ltd. ('Canoxy'). They completed 1:2000 scale geologic mapping, did widespread surface sampling (sixty-eight 5-kilogram samples spaced along 17 cross-section survey lines about 100 meters apart), and drilled four core holes on the Eastern Magnesite. Surface mapping was used to infer a total magnesite resource of 29,400,000 metric tonnes. The claims were held for 10 years with no additional work, and allowed to expire.

In 1999 the magnesite ridge was staked by the present owners and some additional rock geochemistry was completed on part of the Western Magnesite (Kikauka, 2000). Additional geochemistry, along with bulk sampling and access trail construction, was conducted in 2001 (Klewchuk, 2002). In 2008 Lakefield Research conducted a beneficiation study on samples from the Driftwood Creek magnesite deposit (see Rodgers, 2008).

1.50 2008 Program

In the fall of 2008, a program of trail access construction and diamond drilling was completed on the property. Trails were constructed from existing access at the west end of the magnesite ridge onto the Western Magnesite where the thickest zone of magnesite exists and additional trail was constructed to access the Eastern Magnesite. In total about 3300 meters of trail was constructed.

Seven NQ diamond drill holes were completed from an area near the thickest part of the Western Magnesite, for a total of 692 meters of diamond drilling.

Access trail and drill site construction started September 17, 2008 and ended in early October. Diamond drilling equipment moved onto the property on October 22 and drilling was completed November 5, 2008.

2.00 GEOLOGY

The area of the Driftwood Creek magnesite deposit was mapped by Reesor (1973), although the magnesite deposits west of Brisco are not included in his work. Reports by Morris (1978), Rodgers (1989) and Simandl and Hancock (1992) provide the best available geologic information on the Driftwood Creek magnesite deposit. Klewchuk (2002) provides additional detail of the eastern magnesite area.

The Driftwood Creek magnesite deposit is hosted by the Helikian (Precambrian) age Mount Nelson Formation, part of the Purcell Supergroup. The Mount Nelson Formation is about 1300 meters (4300 feet) thick and includes mainly dolomitic and quartzitic units with minor argillite. The magnesite occurs in the upper part of the formation, as a hydrothermal alteration product of dolomite.

Magnesite weathers prominently and the Driftwood Creek deposit is well exposed as an isolated ridge within relatively low valley bottom topography, at an elevation of ~1250 meters (4000 feet). Numerous cliff exposures are present, with some cliff walls greater than 15 meters (50 feet) high. A series of cross-cutting faults produce some offset of geologic contacts but displacement is minor. Magnesite has been mapped over a strike length of 1900 meters and maximum width of about 220 meters. The magnesite occurs at surface in two discrete bodies; a larger 'Western Magnesite' and a smaller 'Eastern Magnesite' (Fig. 3).

Freshly broken magnesite is typically a milky white color but weathers to a pale yellow to slightly pinkish color. Exposures of magnesite are commonly coated with a black lichen which appears to locally favour this rock type. The host dolomite to the south of the Eastern Magnesite is a much darker buff to reddish brown color while the (silty and cherty) dolomite to the north of the thicker Eastern Magnesite is a medium gray color. Where magnesite contacts with dolomite are exposed, they tend to be quite sharp and are easily recognized. Even where bedding-transgressive contacts exist, the boundary tends to be fairly sharp.

Texture of the magnesite is variable, ranging from fine and medium grained to very coarse grained. Most of the deposit is of medium and fine-grained texture with irregular patches of more coarse-grained texture. Areas of coarse-grained magnesite appear to be irregularly developed within the area of exposed magnesite and are not obviously related to any structure.

Thin quartz veins are irregularly distributed through the magnesite, in a near-ubiquitous manner, although the concentration of quartz veins does vary. There are areas with no apparent quartz but these are not extensively developed. The more prominent quartz veins and quartz vein swarms tend to be oriented from N15°E to N60°E. Similar quartz veins are present in the host dolomite (seen mainly to the south of the Eastern Magnesite) indicating these quartz veins are not related to development of the magnesite.

Two previous studies of the Driftwood Creek magnesite deposit have estimated tonnages, based primarily on surface mapping. Kaiser Resources (Morris, 1978) inferred 22,500,000 tonnes of magnesite using a specific gravity of 2.5 while Canadian Occidental (Rodgers, 1989) inferred a resource of 29,400,000 tonnes using a specific gravity of 3.0.

Various studies have reported grade information for the magnesite deposit. Twenty samples collected in 2001 (Klewchuk, 2002) provided the following range of values:

MgO	39.98 to 44.42%	SiO_2	2.48 to 13.1%	Al_2O_3	0.05 to 1.11%
Fe_2O_3	0.71 to 1.11%	CaO	0.34 to 3.21%	TiO_2	<0.01 to0.1%
P_2O_5	0.09 to 0.19%	MnO	0.02 to 0.04%	Cr_2O_3	.001 to 0.12%

3.00 DIAMOND DRILLING

During the fall 2008 exploration program, seven NQ holes were drilled from six sites. Holes were generally drilled southerly across the steeply north-dipping magnesite, at angles close to -45°. Hole depth ranges from 52.2 meters to 141.5 meters with a total of 692 meters drilled.

The central part of the Western Magnesite is the area of thickest known magnesite on the property and it forms a local topographic high on the magnesite ridge. This area also previously had no road access. Thus it was selected for access road construction and diamond drilling as it is a likely area in which to commence future mining.

Figure 3 shows the location of new access trail construction and the seven diamond drill holes; Table 1 provides details of the drilling; simplified cross sections are provided in Figures 4 to 7 and complete drill logs are in Appendix 1. During logging, core was marked up for sampling but no samples have been shipped for analysis.

About 325 meters of east-west strike length of the Western Magnesite has been partially tested by the 2008 diamond drill program (Fig. 3) and a maximum of approximately 140 meters of

"thickness" was tested. The northern margin of the magnesite deposit was not tested and an apparently thick band of magnesite which forms cliffs along the southern boundary of the deposit was only tested by one drill hole (DDH MG-08-2).

DRILL HOLE	START	END	UTM COORDS		AZ	DIP	LENGTH
MG-08-1	Oct 26	Oct 29	530427E	5639563N	236°	-46°	141.5m
MG-08-2	Oct 29	Oct 30	530490E	5639481N	210°	-46°	133.5m
MG-08-3	Oct 31	Oct 31	530578E	5639391N	210°	-44°	52.2m
MG-08-4	Oct 31	Nov 1	530612E	5639469N	215°	-44°	82.7m
MG-08-5	Nov 1	Nov 3	530611E	5639465N	139°	-49°	99.4m
MG-08-6	Nov 3	Nov 4	530555E	5639498N	210°	-46°	100.0m
MG-08-7	Nov 4	Nov 5	530477E	5639524N	215°	-47°	82.7m

Table 1. Details of Diamond Drilling

The main lithology encountered by drilling is magnesite but there are also a number of other lithologies including dolomite (from which the magnesite is presumably derived), quartzite-siltstone, and a number of fine-grained intrusive (volcanic-associated?) units. Quartz veining is generally common in the magnesite with a few narrow zones of more intense veining intersected. Contacts between magnesite and other non-carbonate lithologies are typically quite sharp to narrowly gradational and these contacts are typically more disturbed by late tectonic activity. These zones of broken ground and faulting at lithologic contacts proved difficult to drill through.

The magnesite is generally white, pale gray or slightly yellowish in color. Texture is typically massive to mottled and grain size ranges from coarsely to finely crystalline. Faint banding, which may reflect original bedding, is rarely evident. Very minor wavy to styolitic gray talc laminae are present through the magnesite in a seemingly irregular manner. White to very light gray quartz veins are scattered through the magnesite; in the fresh core, quartz veins are generally very similar in color to magnesite and are thus quite difficult to differentiate, except by their cross-cutting character and greater hardness. Because of this similarity in color of magnesite and quartz in the fresh core, no attempt was made to estimate silica content during core logging.

The intrusive lenses (dikes?) encountered by drilling are generally fine-grained felsic, intermediate and mafic composition and are probably volcanic-associated. These intrusive lenses have been described as 'trachyte', 'rhyolite' and 'mafic dike' in the drill logs. In places these lenses of intrusive are more broken up than other lithologies and they were often problematic for drilling. Drill holes MG-08-1, 6 & 7 ended in or just below bands of intrusive which caused drilling problems.

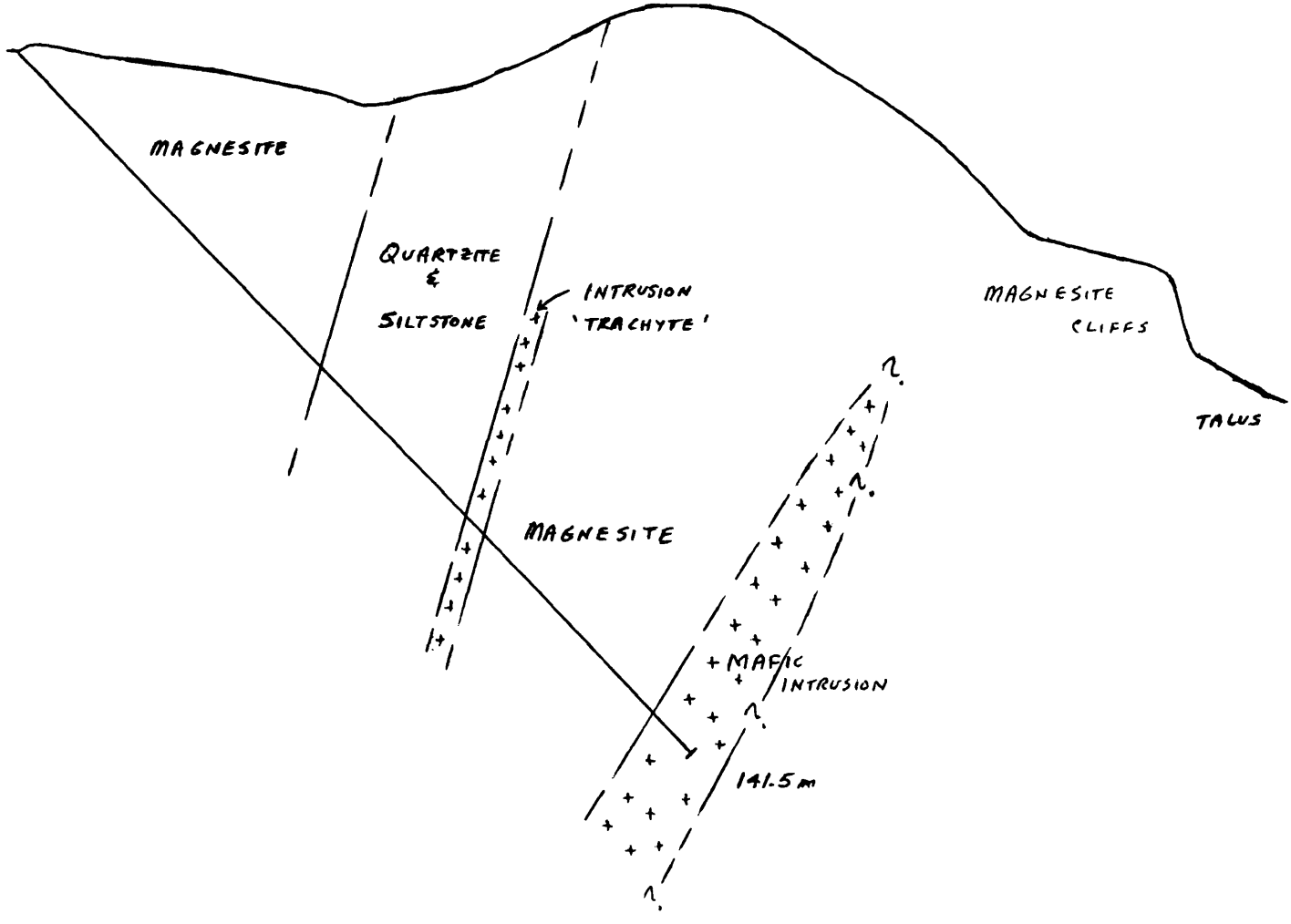


Figure 4
Cross Section
DDH MG-08-1
Scale 1:1000

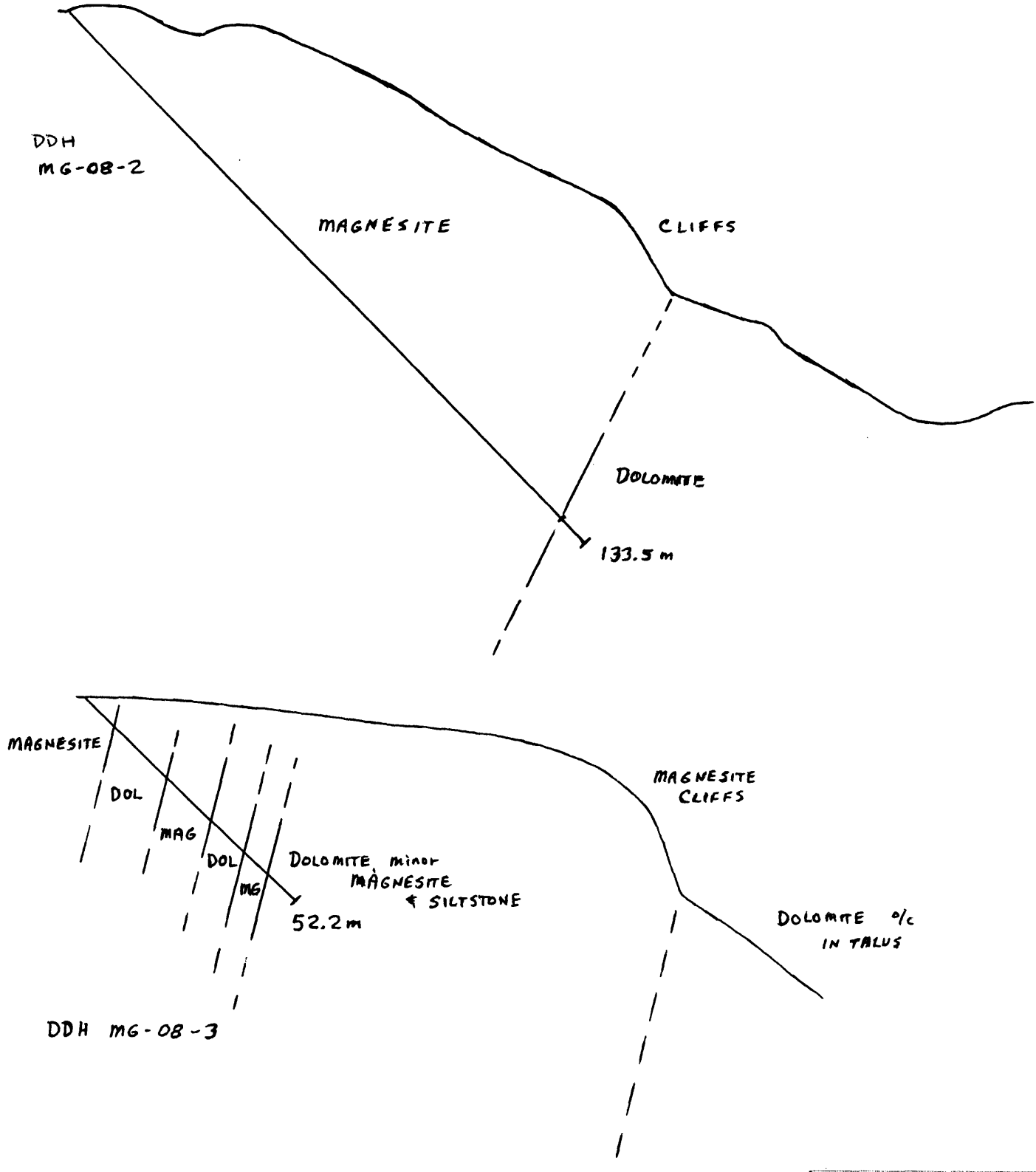
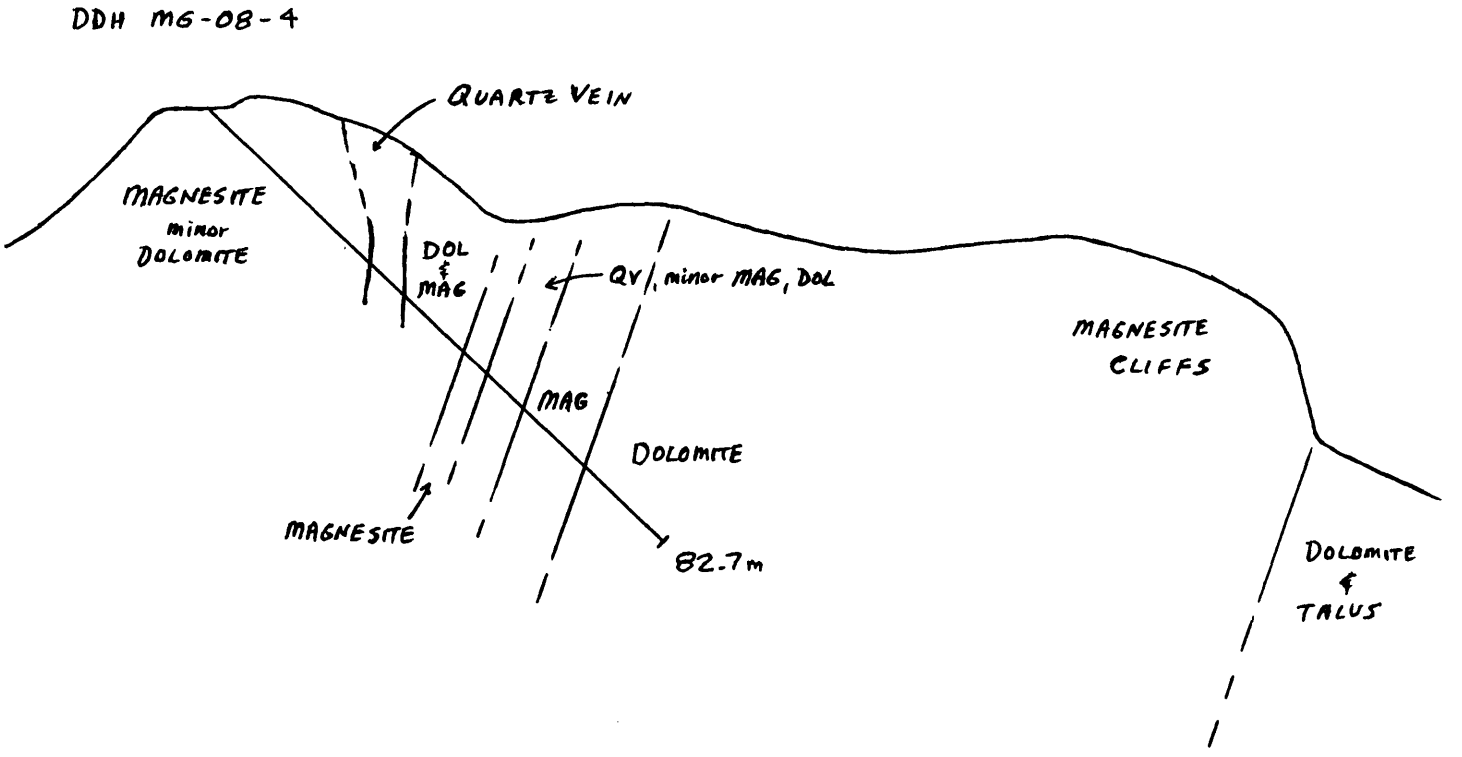


Figure 5
Cross Section
DDH MG-08-2 & 3
Scale 1:1000



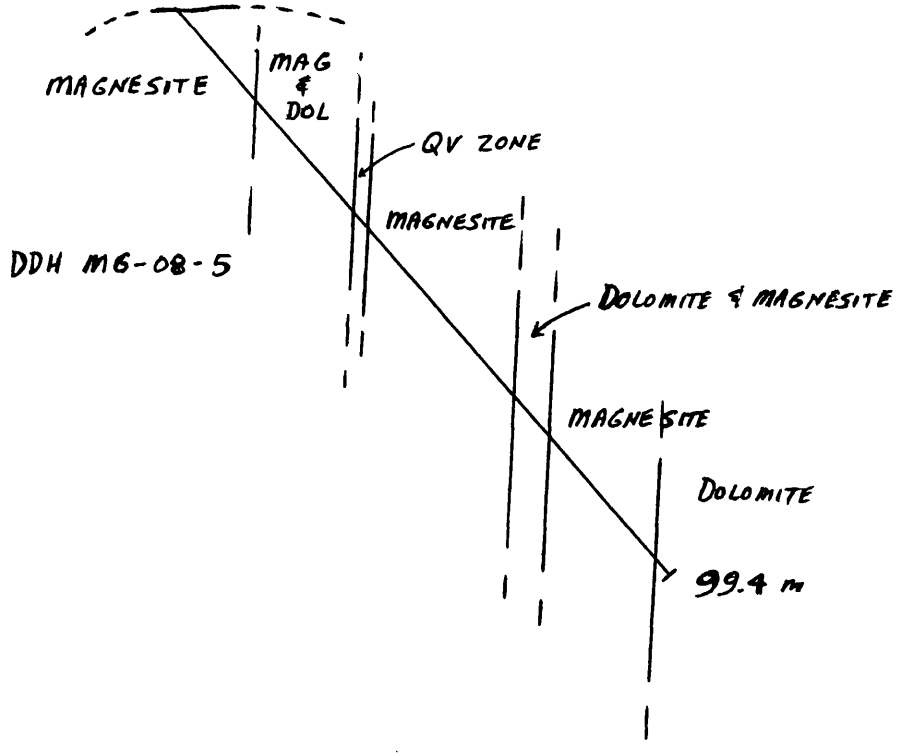
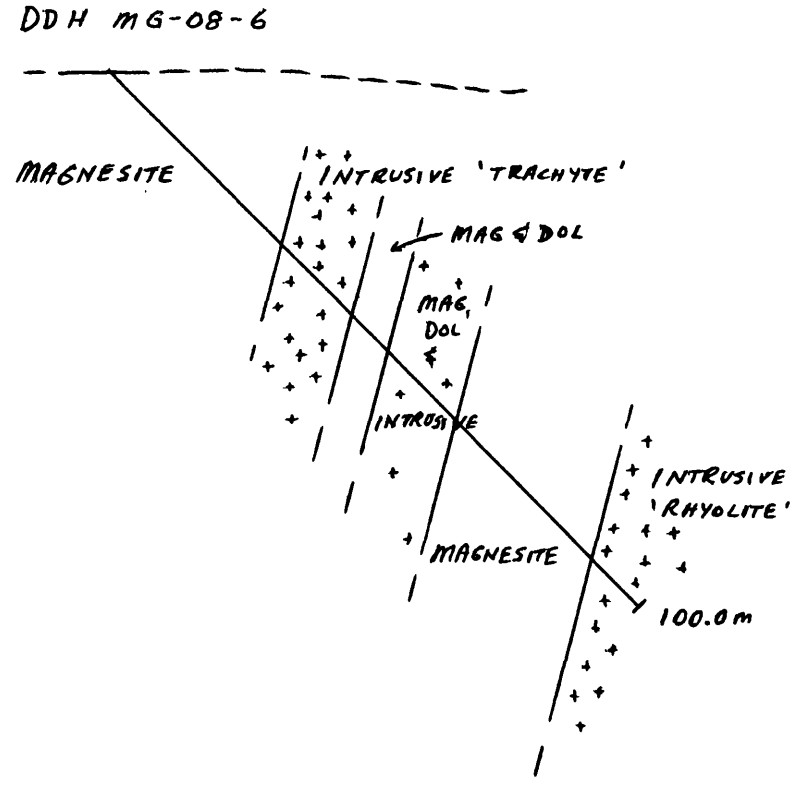


Figure 6
Cross Section
DDH MG-08-4 & 5
Scale 1:1000



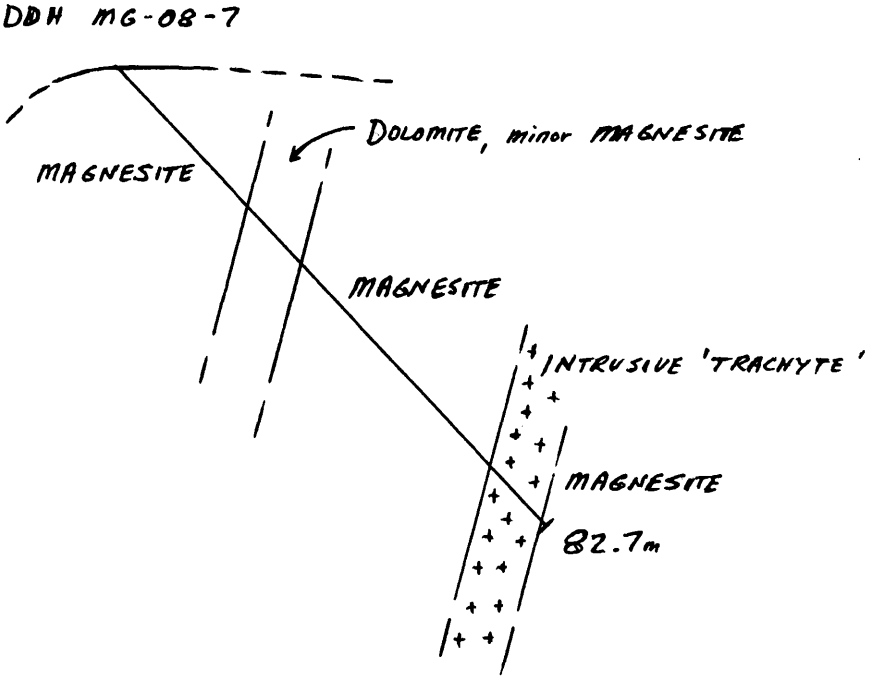


Figure 7
Cross Section
DDH MG-08-6 & 7
Scale 1:1000

4.00 CONCLUSIONS

During the 2008 exploration program, access trails were constructed from the western edge of the Western Magnesite ridge onto the central thickest portion of the Western Magnesite and across the strike extent of the Western Magnesite to join with previously existing access trails on the Eastern Magnesite.

A seven hole diamond drill program on the central Western Magnesite deposit tested the near-surface high elevation of the magnesite and has provided considerable core for geochemical analysis and other studies. Approximately 325 meters of strike length and about 140 meters of overall thickess of the magnesite have been tested by the drilling.

5.00 REFERENCES

Kikauka, A., 2000 Geological and Geochemical report on the MG 1-7 claims, Driftwood Creek, Brisco, B.C., Golden Mining Division. B.C. Ministry of Energy, Mines and Petroleum Resources, Assessment Report 26,345.

Klewchuk, P., 2002 Prospectors Assistance Grant Report on MG 1-7 mineral claims, Driftwood Creek area, Golden Mining Division.

McCammon, J.W., 1965 The Brisco Magnesite area; in B.C. Minister of Mines and Petroleum Resources, Annual report for 1964.

Morris, R.J., 1978 Fish Magnesite Deposit; B.C. Ministry of Energy, Mines and Petroleum Resources, Assessment Report 8760.

Rodgers, G.M., 1989 Geological Report on the Tam 1-8 mineral claims; B.C. Ministry of Energy, Mines and Petroleum Resources, Assessment Report 19,416.

Rodgers, G.M., 2008 An Investigation into the Beneficiation of Magnesite from Driftwood Magnesite property, B.C. Report prepared for Tusk Exploration Ltd. by SGS Lakefield Research Ltd.; B.C. Ministry of Energy, Mines and Petroleum Resources, Assessment Report 30,243.

Reesor, J.E., 1973 Geology of the Lardeau Map Area, east-half, B.C., GSC Memoir 369.

Simandl, G.L., and Hancock, K.D., 1991 Geology of dolomite-hosted magnesite deposits of the Brisco and Driftwood Creek areas, Geological Fieldwork, 1991: B.C. Ministry of Energy, Mines and Petroleum Resources, Paper 1992-1, pp 461-477.

6.00 STATEMENT OF EXPENDITURES

Diamond Drilling 7 NQ holes, 692 meters	
Lone Peak Drilling, Kimberley, B.C.	$143,487.03
Tracked Excavator; trail access and drill site construction	
Dominion Creek Gold Ltd., Invermere, B.C.	15,556.91
Geologist; P. Klewchuk; Lay out trail access and drill sites,	
Supervise trail, drill site construction, diamond drilling	
And log drill core; 29 days including 4X4 truck	15,676.50
Total Costs applied for assessment	$174,720.44

7.00 AUTHOR'S QUALIFICATIONS

As author of this report I, Peter Klewchuk, certify that:

1. I am an independent consulting geologist with offices at 1 – 200 Norton Avenue, Kimberley, B.C.

2. I am a graduate geologist with a B. Sc. degree (1969) from the University of British Columbia and an M. Sc. degree (1972) from the University of Calgary.

3. I am a Fellow of the Geological Association of Canada and a member of the Association of Professional Engineers and Geoscientists of British Columbia.

4. I have been actively involved in mining and exploration geology, primarily in the province of British Columbia, for the past 34 years.

5. I have been employed by major mining companies and provincial government geological departments.

Dated at Kimberley, British Columbia this 28th day of January, 2010.

Peter Klewchuk, P. Geo.

PROFESSIONAL ENGINEERS AND GEOSCIENTISTS PROVINCE OF BRITISH COLUMBIA P. KLEWCHUK

DRILL HOLE RECORD

Hole No:	**MG-08-1**	**Property:**	**DRIFTWOOD MAGNESITE**
		District:	Golden
Commenced:	Oct. 26, 2008	**Owner:**	Tusk Exploration Ltd.
Completed:	Oct. 29, 2008	**Location:**	West Magnesite Ridge
Coordinates:	530427E 5639563N	**Contractor:**	
Core Size:	NQ	**Total Length:**	141.5 m
Azimuth:	236°	**Logged by:**	P. Klewchuk
Collar Dip:	-46°		
Elevation:	1375 m	**Date:**	Oct. 27-30, 2008
Tests at:			

Objective: Determine thickness and grade of Magnesite

Meters	**Description**
0 – 2.0 m	CASING. NO CORE.
2.0 – 64.0	MAGNESITE White to pale grey; yellowish to ~8.0 m from surface weathering; also yellowish near broken core at 18.0 m. Texture is massive to mottled, mainly coarsely crystalline with individual crystals up to 4 cm long; some sections are finer (medium, 1-3 mm grain size) crystalline. Narrow intervals are faintly banded, probably relict bedding, at ~60° to c/a. Numerous wavy to stylolitic light grey-brown 'clay' seams are present, irregularly distributed and of minor volume but more concentrated from 20.0 m to 24.5 m. Minor fine-grained pyrite noted from ~55.0 m to at least 60.0 m. Est. ~1/2 % of the rock. Near 60.0 m small clots of pyrite are up to ~4 mm across. White to very light grey quartz veins are scattered through the magnesite. Some quartz veins are close to parallel to c/a (core axis), others are cross-cutting at various angles. Most quartz veins are 2-3 mm wide but some small irregular patches are 1 to 1.5 cm wide. Quartz veins are similar in colour to magnesite and difficult to differentiate except by their cross-cutting character. Contact with underlying siltstone/quartzite unit at 64.0 m is gradational over ~15 cm. **Sampling:** **7376 2.0 m – 4.0 m (2.0m)** Est. 30 cm core loss; coarse crystalline magnesite, few cross-cutting quartz veins. **7377 4.0 m – 6.0 m (2.0m)** Darker yellowish oxidized core at 4.2 m and 4.8 m in narrow zones of broken core. **7378 6.0 m – 8.0 m (2.0m)** Coarse crystalline magnesite, few cross-cutting quartz veins, pale brown-weathering mineral near 7.5 m over 5 cm of core may be minor iron carbonate. **7379 8.0 m – 10.0 m (2.0m)** Coarse crystalline magnesite, few quartz veins ; 8.9 m - 9.3 m wavy fracture sub-parallel to c/a hosts ragged quartz vein up to 6 mm wide. At 8.5 m one narrow quartz vein 1-3mm wide, wavy and at ~20° to c/a has fine-grained pyrite associated with it.

Meters	Description
2.0 – 64.0 con't	**7380 10.0 m – 12.0 m (2.0m)** Massive, coarse crystalline magnesite; mottled texture. **7381 12.0 m – 14.0 m (2.0m)** Massive, coarse crystalline magnesite; mottled with fairly abundant thin stylolitic wisps of medium blue-grey argillaceous material – typically at ~40° to c/a. Minor broken core (3 cm) at 13.8 m with clots of medium-grey argillaceous material. **7382 14.0 m – 16.0 m (2.0m)** 14.0 m to 14.3 m is mottled pale grey. At 14.3 m few cm of broken core with crushed $MgCO_3$ – minor fault – appears to be at ~50° to c/a sub-parallel to local vague banding which may be relict bedding. 14.3 m – 16.0 m is 'very massive', white to cloudy light grey, coarsely crystalline magnesite. **7383 16.0 m – 18.0 m (2.0m)** Massive, coarsely crystalline magnesite. Few stylolitic wisps of blue-grey argillaceous material present. 17.9 m – 18.0 m is broken core, more yellowish - fracture with surface weathering. **7384 18.0 m – 20.0 m (2.0m)** Mostly massive, coarse crystalline magnesite. 19.4 m – 19.5 m has a number of limonitic orange-brown stylolitic bands – irregular but at ~45° to c/a. 19.5 m to 20.0 m has scattered thin, wispy bands of argillite and small flecks of chlorite. **7385 20.0 m – 22.0 m (2.0m)** 20.0 m – 20.7 m is massive, coarse crystalline, white magnesite. 20.7 m – 22.0 m is mottled white and pale to medium grey. Few irregular, wavy 'stylolitic' 1-2 mm bands at 20°-50° to c/a. **7386 22.0 m – 24.0 m (2.0m)** Massive to irregularly banded $MgCO_3$; bands are few mm to ~1.5 cm wide, wavy at 0°-30° to c/a and with ragged boundaries. Thin wispy bands of grey-green talc parallel the magnesite bands. Core is more broken, within a few narrow intervals. **7387 24.0 m – 26.0 m (2.0m)** 24.0 m – 24.5 m is vaguely banded at ~30° to c/a with pale brown, possible Fe carbonate in many of the bands. 24.5 m to 26.0 m is white to pale grey, mottled, more coarsely crystalline magnesite. **7388 26.0 m – 28.0 m (2.0m)** 26.0 m – 27.4 m is massive, crystalline, mottled white-grey. 27.4 m – 28.0 m is whiter, mottled with a few irregular, discontinuous wispy bands of greenish-grey talc. A few vague bands of very pale green chlorite and a few specks of pyrite are present. **7389 28.0 m – 30.0 m (2.0m)** White to pale grey, massive, medium and coarsely crystalline, very minor chlorite, local minor pyrite. **7390 30.0 m – 32.0 m (2.0m)** White to pale grey, massive, medium and coarse crystalline, very minor chlorite, local minor pyrite. **7391 32.0 m – 34.0 m (2.0m)** White to pale grey, massive, medium and coarse crystalline, very minor chlorite, local minor pyrite – (quite massive).

Meters	Description

2.0 – 64.0 con't

7392 34.0 m – 36.0 m (2.0m)
White, mottled, massive. Few specks of pyrite.
7393 36.0 m – 38.0 m (2.0m)
White, mottled, massive. Few specks of pyrite.
7394 38.0 m – 40.0 m (2.0m)
White, mottled, massive. Few specks of pyrite.
7395 40.0 m – 42.0 m (2.0m)
40.0 m – 40.65 m is massive. 40.65 m – 40.95 m is crushed brownish fault gouge with fragments of quartz. Fault fabric (fracture in adjacent magnesite) at 70°-80° to c/a. 40.95 m – 41.2 m is massive white-yellow, mottled. 41.2 m – 41.3 m is broken, darker yellowish-brown oxidized. 41.3 m – 42.0 m is mainly white, massive and mottled.
7396 42.0 m – 44.0 m (2.0m)
Massive, mottled white to pale brownish-grey; weakly limonitic fractures, few specks of pyrite.
7397 44.0 m – 46.0 m (2.0m)
Massive to vaguely, irregularly banded at ~40°-60° to c/a.
7398 46.0 m – 48.0 m (2.0m)
Massive, medium crystalline, locally faintly banded as above.
7399 48.0 m – 50.0 m (2.0m)
Medium crystalline, faintly to locally more distinctly banded at 55°-60° to c/a.
7400 50.0 m – 52.0 m (2.0m)
Coarsely crystalline, massive, mottled.
7401 52.0 m – 54.0 m (2.0m)
Massive (white) to banded at ~55° to c/a. Broken core along 'fractures' at 52.3 m, 52.7 m and 53.3 m; yellowish oxidized near fractures. Distinct whitish quartz blobs with angular margins in yellowish magnesite.
7402 54.0 m – 56.0 m (2.0m)
White to pale grey; massive to very faintly banded at ~50 ° to c/a.
7403 56.0 m – 58.0 m (2.0m)
Mostly massive and white to pale grey. Some indistinct banding and one narrow 20 cm zone of more distinct laminations/beds at 56.6 m at 55° to c/a. Few grains of pyrite.
7404 58.0 m – 60.0 m (2.0m)
Massive to vaguely banded at 55°-60° to c/a. Medium and coarse crystalline. More abundant but very minor pyrite. Local weak yellowish staining.
7405 60.0 m – 62.0 m (2.0m)
Massive to vaguely banded (at ~40° to c/a) mottled white-grey. Wavy lenticular wisps (up to 3 mm wide) and one irregular patch (up to 3 cm across) of medium to dark grey talc. Clots of pyrite up to ~5 mm long are more common than in overlying carbonate. At 61.9 m ~10 cm of broken core, more yellowish with fairly abundant ragged lenses/wisps of grey talc.
7406 62.0 m – 64.0 m (2.0m)
Massive to vaguely and irregularly banded at 40°-60° to c/a. White to cloudy grey, mottled. Scattered blebs of pyrite, slightly less than in 60.0 m – 62.0 m sample. Flecks of pale green chlorite occur with a quartz-rich zone near 62.1 m.

64.0 – 94.5 QUARTZITE/SILTSTONE

Medium-grey with some variation to lighter grey and slightly darker grey. Fine-grained, faintly laminated to thin-bedded. Bedding is typically at ~50° to c/a and quite consistent although locally (e.g. at 69.7 m – 0° to c/a) folding is evident.

Meters **Description**

64.0 – 94.5 con't

Thin quartz veins occur throughout comprising est. 3-4%; most are 2-3 cm wide some are wavy, some planar, most are discontinuous. Many cut core at ~30° to c/a but numerous attitudes are present.
69.0 m – 69.2 m is a narrow band of yellowish magnesite with a few white quartz veins and irregular wisps of talc. A shear fabric is evident at ~55 ° to c/a. Fine specks of pyrite are present.
Irregular wispy lenses of darker grey (than quartzite/siltstone) talc are present and locally common, typically parallel to bedding.
More broken core from 84.2 m to 94.5 m with locally rubbly core near 86.5 m (with 1m to 1.5 m core loss) indicates a probable fault.
20 cm quartz vein at 93.5 m is associated with a yellowish oxidized breccia/gouge zone at ~93.3 m; another fault, with shear fabric at ~45° to c/a. Quartz vein is milky white but cut by numerous irregular thin, light grey quartz veins – a healed quartz vein breccia.

94.5 – 94.8

MOTTLED, broken QUARTZ VEIN
All broken core; fragments are a quartz vein that has been brecciated and then cemented by other quartz veins. Mottled white, light to medium grey in colour. Minor magnesite is present. Few specks of pyrite noted. Contact with underlying magnesite is in broken core but looks sharp.

94.8 - 114.4

MAGNESITE
White to light grey, cloudy mottled. Mostly quite massive but locally with vague banding. Coarse to medium-grained; coarse crystals are commonly up to 1 or 2 cm across. Some quartz veining is present but colour is white, very similar to magnesite and not easily distinguished.

Sampling:
7407 94.8 m – 97.0 m (2.2m)
Massive, mottled, coarse-grained. Vague swirly 'banding' locally at 0°-25° to c/a. Few wisps of talc.
7408 97.0 m – 99.0 m (2.0m)
Massive, crystalline, coarse-grained. Core is broken from 97.1 m to 97.8 m.
7409 99.0 m – 101.0 m (2.0m)
Massive, crystalline, coarse-grained. Vague banding near 99.2 m at 45° to ca.
7410 101.0 m – 103.0 m (2.0m)
Coarse-grained, massive to banded at 0° to 45° to c/a (wavy). Thicker medium-grey talc lenses (up to 5 mm wide) near 102.8 m.
7411 103.0 m – 105.0 m (2.0m)
Massive, white, mottled.
7412 105.0 m – 107.0 m (2.0m)
Massive, white, mottled, coarse-grained white clay seam ~15 cm thick at 106.6 m – 106.75 m – cuts core at ~70° to c/a. and at ~75° to local bedding (laminations at 106.75 m).
7413 107.0 m – 109.0 m (2.0m)
White, coarse-grained. Massive to faintly banded at 30° to 45° to c/a. Broken core at 107.9 m, 108.3 m and 109.0 m. 108.3 m looks like a very minor fault parallel or sub-parallel to bedding at ~40° to c/a.

Meters **Description**

94.8 – 114 con't

7414 109.0 m – 111.0 m (2.0m)
Massive, coarse to medium-grained, vaguely banded near 110.1 m at 40° to c/a. Few irregular talc seams.
7415 111.0 m – 113.0 m (2.0m)
Massive, coarse-grained, mottled.
7416 113.0 m – 114.4 m (1.4m)
Massive, coarse-grained, mottled; very minor talc.

114.4-114.7 CLAY and small blocks of MAGNESITE
Medium reddish brown, probably crushed magnesite – fault zone.

114.7-118.2 FINE-GRAINED INTRUSIVE ("TRACHYTE") ?
Medium to dark grey-green. Comprised of darker green (amphibole?) elongate crystals, roughly equi-dimensional pale gray crystals (feldspar?) and locally, abundant fine brown (altered?) mineral. "Flow" fabric is locally evident. Core is quite broken; very rubbly from 114.7 m – 115.5 m (10 cm recovered, 1.1 m core loss); probable fault contact. Some quartz veining and brecciation at 40° to c/a near 117.6 m. Lower contact with magnesite is broken but looks sharp.

118.2 – 133.0 MAGNESITE
White to light grey, massive to vaguely banded, coarse to medium-grained, typically somewhat mottled. Quartz veining probably present but not readily distinguished as colour is similar to magnesite. Minor thin, wavy 'stylolitic' wisps of small lenses of dull grey-green talc are present.

Sampling:
7417 118.2 m – 120.4 m (2.2m)
Massive, mottled white to grey. Talc seams common in upper 70 cm.
7418 120.4 m – 122.5 m (2.1m)
Massive, white, light grey, coarse-grained.
7419 122.5 m – 124.6 m (2.1m)
Massive, white to 123.4; light grey and vaguely banded at 50° to c/a below.
7420 124.6 m – 126.7 m (2.1m)
Mostly massive to faintly banded locally at ~40° to c/a, medium-grained.
7421 126.7 m – 128.8 m (2.1m)
Massive. white to light grey, coarse-grained.
7422 128.8 m – 130.9 m (2.1m)
Massive. white, coarse-grained. 3 cm wide lighter grey patch of quartz with 1.5 cm wide quartz vein at 25° to c/a at 130.8 m – 130.9 m.
7423 130.9 m – 133.0 m (2.1m)
Massive white and light grey. Faintly laminated at 50° to c/a near 132.3 m.

133.0-133.6 QUARTZ VEIN
Milky white, massive. Contact at 133.0 m is sharp, wavy at ~60° to c/a. Lower contact is sheared, with some thin quartz veins, at ~30° to c/a. Angular ragged fragments of buff gray-brown dolomite occur in the quartz below 133.3 m. Minor disseminated pyrite.

133.6-133.8 DOLOMITE
Light buff-brown colour quite massive but foliated at 0°-30° to c/a; parallel and sub-parallel to sheared contact at 133.6 m. Numerous thin, light grey quartz veins, mostly discontinuous, mostly sub-parallel to foliation but also cross-cutting. Very minor fine pyrite along a few quartz veins.

133.8-141.5 MAFIC INTRUSION
Similar to 114.7 m – 118.2 m interval. Medium-darker green, fine-grained. More mafic than previous intersection. At 137.2 m a 3 cm quartz vein at 45° to c/a, associated with local shearing.
Contact at 133.8 m with dolomite is mostly sharp at ~15° to c/a.
Core is quite competent to 137.2 m then quite broken.

141.5 END OF HOLE

Note: Probable band of magnesite to south not drilled; hole terminated because of bad ground in both intrusives. Rods stuck, broken, retrieved; stopped hole.

DRILL HOLE RECORD

Hole No:	**MG-08-2**	**Property:**	**DRIFTWOOD MAGNESITE**
		District:	Golden
Commenced:	Oct. 29, 2008	**Owner:**	Tusk Exploration Ltd.
Completed:	Oct. 30, 2008	**Location:**	West Magnesite Ridge
Coordinates:	530490E 5639481N	**Contractor:**	
Core Size:	NQ	**Total Length:**	133.5 m
Azimuth:	210°	**Logged by:**	P. Klewchuk
Collar Dip:	-46°		
Elevation:	1386 m	**Date:**	Oct. 30-31, 2008
Tests at:			

Objective: Test Magnesite for thickness and grade

Meters	**Description**
0 – 2.0 m	CASING. NO CORE.
2.0 – 127.75	MAGNESITE White to light grey, typically massive and mottled, locally vaguely to more distinctly banded. Numerous quartz veins and blebs are present. Some are light grey and can be distinguished from magnesite by colour but some is white and difficult to differentiate quickly from magnesite. Wispy talc seams and minor disseminated pyrite are present locally. **Sampling:** **7424 2.0 m – 4.0 m (2.0m)** Yellowish-white, coarse-grained, massive. Few thin (2-3mm) quartz veins and few larger blebs (to 3 cm across) of light grey quartz. Mostly broken core. **7425 4.0 m – 6.0 m (2.0m)** Yellowish-white, coarse-grained, massive. Few thin (2-3mm) quartz veins and few larger blebs (to 3 cm across) of light grey quartz. Mostly broken core. **7426 6.0 m – 8.0 m (2.0m)** Massive, white, coarse-grained. Few light grey quartz veins 3-10 mm at ~60° to c/a. **7427 8.0 m – 10.0 m (2.0m)** Massive, white to yellowish, coarse-grained. Broken core from 8.7 m to 9.5 m, yellow oxidized. **7428 10.0 m – 12.0 m (2.0m)** Massive, coarse-grained yellowish-white. Few quartz veins at 80°-90° to c/a. **7429 12.0 m – 14.0 m (2.0m)** Massive, coarse-grained, yellowish-white, light brown iron stain ($FeCO_3$?) over 15 cm near 13.8 m. Few thin, light grey quartz veins. **7430 14.0 m – 16.0 m (2.0m)** Massive, yellowish-white, coarse-grained, patchy brownish 'staining' - possible ankerite or siderite. Near 14.4 m local broken core, darker yellow, oxidized. **7431 16.0 m – 18.0 m (2.0m)** White to pale grey, massive to faintly banded at 55° to c/a near 17.0 m.

Meters	Description
2.0 – 127.75 con't	**7432 18.0 m – 20.0 m (2.0m)** Light grey to white, medium-grained. Faintly to more distinctly banded at 55°-60° to c/a. Few darker brown-orange oxidized fractures (parallel to banding) near 18.3 m. **7433 20.0 m – 22.0 m (2.0m)** Upper 50 cm is faintly banded, light grey; remainder is more massive white-grey. Few thin wavy talc seams. At 20.9 m a 1 cm wide quartz vein at 45° to c/a carries disseminated pyrite. **7434 22.0 m – 24.0 m (2.0m)** Massive, white to pale yellow. Few quartz veins, broken core over 30 cm near 22.7 m, yellow oxidized. **7435 24.0 m – 26.0 m (2.0m)** Massive, mottled , white-yellowish. 3 cm wide band with minor brownish Fe carbonate (?) at 25.9 m, at 60° to c/a. **7436 26.0 m – 28.0 m (2.0m)** Massive, mottled, white-yellowish. Broken, more oxidized core near 27.5 m. **7437 28.0 m – 30.0 m (2.0m)** Massive, mottled, yellowish. Broken core from 28.0 m to 29.7 m; no obvious fault. **7438 30.0 m - 32.0 m (2.0m)** Massive, white, coarse-grained. **7439 32.0 m – 34.0 m (2.0m)** Massive, white, coarse-grained. **7440 34.0 m – 36.0 m (2.0m)** Massive, white, coarse-grained. **7441 36.0 m – 38.0 m (2.0m)** Massive, white, coarse-grained. **7442 38.0 m – 40.0 m (2.0m)** Massive, white, coarse-grained. **7443 40.0 m – 42.0 m (2.0m)** Massive, white, coarse-grained. Few grey talc seams. **7444 42.0 m – 44.0 m (2.0m)** Massive, white, coarse-grained. Few grey talc seams. **7445 44.0 m – 46.0 m (2.0m)** Massive, white, coarse-grained. **7446 46.0 m – 48.0 m (2.0m)** Massive, white, coarse-grained. **7447 48.0 m – 50.0 m (2.0m)** Massive, white, coarse-grained. **7448 50.0 m – 52.0 m (2.0m)** Massive, white, coarse-grained. **7449 52.0 m – 54.0 m (2.0m)** Massive, white, coarse-grained. **7450 54.0 m – 56.0 m (2.0m)** Massive, white, coarse-grained. Few grey talc seams. **7451 56.0 m – 58.0 m (2.0m)** Massive, white, coarse-grained. Few grey talc seams. **7452 58.0 m – 60.0 m (2.0m)** Massive, white, coarse-grained. Few grey talc seams. **7453 60.0 m – 62.0 m (2.0m)** Massive, white, coarse-grained. Few grey talc seams, very local disseminated pyrite.

Meters	Description
2.0 – 127.75 con't	**7454 62.0 m – 64.0 m (2.0m)** Massive, white, coarse-grained. **7455 64.0 m – 66.0 m (2.0m)** Massive, white, coarse-grained clots of pyrite near 64.5 m. **7456 66.0 m – 68.0 m (2.0m)** Massive, white-grey swirly banding, few talc seams, minor fine, disseminated pyrite. **7457 68.0 m – 70.0 m (2.0m)** Massive to banded at 60° to c/a. Light grey quartz blebs, locally more concentrated pyrite, disseminated and in irregular patches over 15 cm near 69.2m; est. 5%. **7458 70.0 m – 72.0 m (2.0m)** Mottled grey to white, few talc seams, local minor disseminated pyrite. **7459 72.0 m – 74.0 m (2.0m)** Mottled to very faintly banded at ~45° to c/a, local disseminated pyrite. **7460 74.0 m – 76.0 m (2.0m)** Light grey to white, mottled to vaguely banded, medium to coarse-grained. Few 'stylolitic' talc seams. **7461 76.0 m – 78.0 m (2.0m)** White to very pale grey, massive and mottled. **7462 78.0 m – 80.0 m (2.0m)** Light grey and white mottled, few talc seams. **7463 80.0 m – 82.0 m (2.0m)** Pale grey to white, mottled, coarse-grained. **7464 82.0 m – 84.0 m (2.0m)** Mainly white to pale grey and mottled. 83.75 m to 84.0 m has thin veinlets of black mineral – looks like Fe oxide but is not hematite or magnetite; very minor pyrite with black mineral. **7465 84.0m – 86.0 m (2.0m)** Top 15 cm similar to 83.75 m – 84.0 m. 10 cm wide pale grey quartz vein at 65° to c/a at 84.4 m. Rest is white-light grey, mottled with scattered wavy talc seams. **7466 86.0 m – 88.0 m (2.0m)** White to pale grey, massive, mottled, very minor talc. **7467 88.0 m – 90.0 m (2.0m)** White to pale grey, massive, mottled, very minor talc. **7468 90.0 m – 92.0 m (2.0m)** White to pale grey to 90.6 m then 50 cm light – medium grey, banded at 45° to c/a, very minor talc and pyrite. **7469 92.0 m – 94.0 m (2.0m)** White to light grey, massive, mottled, few talc seams. **7470 94.0 m – 96.0 m (2.0m)** White to light grey, massive, mottled, few talc seams. **7471 96.0 m – 98.0 m (2.0m)** White to light grey, banded and folded, swirly talc seams and pale brownish stained bands. **7472 98.0 m – 100.0 m (2.0m)** Massive, white, mottled. **7473 100.0 m – 102.0 m (2.0m)** Massive, white to pale grey, mottled.

Meters	Description
2.0 – 127.75 con't	**7474 102.0 m – 104.0 m (2.0m)** Massive, white to pale grey, mottled, pale brownish staining. **7475 104.0 m – 106.0 m (2.0m)** Massive, white to pale grey, mottled. **7476 106.0 m – 108.0 m (2.0m)** Massive, white to very pale grey, mottled. **7477 108.0 m – 110.0 m (2.0m)** Massive, white to very pale grey, mottled. **7478 110.0 m – 112.0 m (2.0m)** Massive, white to very pale grey, mottled. **7479 112.0 m – 114.0 m (2.0m)** Massive, white to very pale grey, mottled, few talc seams. **7480 114.0 m – 116.0 m (2.0m)** Massive, white to very pale grey, mottled to 115.0 m. 115.0 m – 115.25 m is medium grey, banded at 60° to c/a, then massive to 116.0 m, minor green chlorite. **7481 116.0 m – 118.0 m (2.0m)** Massive, white, mottled. Few talc seams and discontinuous trains of chlorite. **7482 118.0 m – 120.0 m (2.0m)** White to pale grey. Faintly swirly banded at ~60°-70° to c/a, local minor pyrite. **7483 120.0 m – 122.0 m (2.0m)** Local minor pyrite. **7484 122.0 m – 124.0 m (2.0m)** Local minor pyrite. Numerous thin, cross-cutting, light grey quartz veins. **7485 124.0 m – 126.0 m (2.0m)** Local minor pyrite. Fewer quartz veins. **7486 126.0 m – 127.75 m (1.75m)** Local minor pyrite. **7487 127.75 m – 130.0 m (2.25m)** Light to medium grey, distinctly banded at ~45° to c/a, dolomitic. **7488 130.0 m – 132.0 m (2.0m)** Light to medium grey.
127.75-133.5	DOLOMITIC MAGNESITE Light to medium grey, thin-bedded and laminated; distinctly banded at ~45° to c/a. Light grey crystals of magnesite (?) in darker grey dolomite; incomplete development of dolomite to magnesite. END OF HOLE

DRILL HOLE RECORD

Hole No:	**MG-08-3**	**Property:**	**DRIFTWOOD MAGNESITE**
		District:	Golden
Commenced:	Oct. 31, 2008	**Owner:**	Tusk Exploration Ltd.
Completed:	Oct. 31, 2008	**Location:**	
Coordinates:	530578E 5639391N	**Contractor:**	
Core Size:	NQ	**Total Length:**	52.2 m
Azimuth:	210°	**Logged by:**	P. Klewchuk
Collar Dip:	-44°		
Elevation:	1380 m	**Date:**	Nov. 1, 2008
Tests at:			

Objective: Test South Limb of West Magnesite

Meters	**Description**
0 – 1.0	CASING. NO CORE.
1.0 – 6.95	MAGNESITE Mottled, white-light grey, coarse-grained; massive to faintly banded at ~80° to c/a. Few very thin, lensey, wavy seams of darker grey to grey-brown talc. Scattered blebs and thin veins of light grey quartz. Very minor fine, disseminated pyrite. **Sampling:** **7489** 1.0 m – 3.0 m (2.0 m) **7490** 3.0 m – 5.0 m (2.0 m) **7491** 5.0 m – 6.95 m (1.95 m)
6.95 – 20.4	DOLOMITE, SILTY DOLOMITE Medium blue-grey, fine-grained. Thin-bedded to laminated at ~70° to c/a. Variably brecciated with breccia matrix of quartz veins, magnesite veins and quartz-magnesite veins. Below 15.0 m core is fairly broken, locally rubbly. 0.8 cm core loss at 20.4 m contact; may be a fault but not obviously so in core. Contact at 6.95 m is sharp, bedding-parallel at ~70° to c/a.
20.4 – 31.5	MAGNESITE White to pale grey, yellowish near some fractures, mottled, medium-coarse-grained. Locally banded at 50°-60° to c/a. Thin talc seams occur in various concentrations. Few light grey quartz veins and patches noted. Local, very minor, fine disseminated pyrite. **Sampling:** **7492 20.4 m – 22.7 m (2.3m)** White to light grey, yellowish near 20.4 m; medium to coarse-grained, massive to faintly banded at 50°-60° to c/a. Few talc seams.

Meters	**Description**
20.4 – 31.5 con't	**7493 22.7 m – 24.9 m (2.2m)** Light grey to white, mottled. Swirly texture from numerous seams of talc. Yellowish near fractures near 24.4 m. **7494 24.9 m – 27.1 m (2.2m)** Massive, mottled, light grey to white. Few talc seams. **7495 27.1 m – 29.3 m (2.2m)** White to very light grey, massive, mottled, medium-grained, light grey quartz veins. **7496 29.3 m – 31.5 m (2.2m)** Light grey quartz veins. Bottom 25 cm is light to medium grey, faintly banded at 45^{o}-50^{o} to c/a.
31.5 – 39.8	DOLOMITE Similar to 6.95 m to 20.4 m interval. Medium blue-grey, thin-bedded and laminated. Healed breccia texture with veins of quartz and magnesite. Top 50 cm or so is lighter grey; looks like more pervasive partial conversion to magnesite. Below 35.7 m core is quite broken. Contact at 39.8 m in broken core but sharp. Some core loss from 37.5 m to 39.8 m, est. 60-70 cm (~30%); some or all may be at 39.8 m contact.
39.8 – 45.55	MAGNESITE White to light grey, yellowish. Massive, mottled, medium-grained. Scattered thin, light grey quartz veins. Few talc seams below 43.5 m, more concentrated in bottom 30 cm. **Sampling:** **7497** 39.8 m – 42.7 m (2.9 m) **7498** 42.7 m – 45.55 m (2.85 m)
45.55 – 52.2	DOLOMITE, minor MAGNESITE, minor SILTSTONE 45.55 m to 46.15 m is medium grey, fine-grained siltstone. 46.15 m to 52.2 m is medium blue-grey to grey dolomite similar to previous intervals. Faint to distinct magnesite veins are fairly common and small irregular patches of core are partially altered to magnesite. Few quartz veins are present within dolomite and in more magnesite-rich portions.
52.2	END OF HOLE

DRILL HOLE RECORD

Hole No:	**MG-08-4**	**Property:**	**DRIFTWOOD MAGNESITE**
		District:	Golden
Commenced:	Oct. 31, 2008	**Owner:**	Tusk Exploration Ltd.
Completed:	Nov 1, 2008	**Location:**	West Magnesite Ridge
Coordinates:	530612E 5639469N	**Contractor:**	
Core Size:	NQ	**Total Length:**	82.7 m
Azimuth:	215°	**Logged by:**	P. Klewchuk
Collar Dip:	-44°		
Elevation:	1393 m	**Date:**	Nov. 1-3, 2008
Tests at:			

Objective: Test Thickness and Grade of Magnesite

Meters	**Description**
0 m – 2.0 m	CASING. NO CORE.
2.0 m – 29.4 m	MAGNESITE, minor DOLOMITE 2.0 m to 10.5 m is quite massive, coarse-grained, white to pale grey, yellow-oxidized, particularly near broken core. Patches of white to light grey quartz up to ~8 cm across are scattered through the interval. Vague banding at ~70° to c/a is evident below 8.6 m. 10.5 m – 16.3 m is medium-light grey, more distinctly banded/bedded at 60°-65° to c/a. Darker grey bands, est. ~30% of the interval, are dolomite. Lighter grey bands are medium crystalline. Lighter grey crystals of magnesite are developed across bands; a zone of partial alteration of dolomite to magnesite. 16.3 m – 20.4 m is more massive magnesite, medium to coarse-grained but with intervals of faint banding. Scattered disseminated pyrite. 20.4 m – 22.0 m is a more quartz-rich zone with irregular patches of white quartz forming 15-20%. Iron staining is pervasive from oxidized pyrite which occurs along thin wavy bands and isolated patches. 22.0 m – 29.4 m is more massive; white to pale grey, locally slightly yellow, medium to coarse-grained. Minor fine disseminated pyrite; at 26.0 m and 28.8 m pyrite is more concentrated, occurring in thin irregular wavy veinlets.

Sampling:

7499	2.0 m – 4.0 m	(2.0 m)
7500	4.0 m – 6.0 m	(2.0 m)
8301	6.0 m – 8.0 m	(2.0 m)
8302	8.0 m – 10.0 m	(2.0 m)
8303	10.0 m – 12.0 m	(2.0 m)
8304	12.0 m – 14.0 m	(2.0 m)
8305	14.0 m – 16.0 m	(2.0 m)
8306	16.0 m – 18.0 m	(2.0 m)
8307	18.0 m – 20.0 m	(2.0 m)

Meters	Description	
2.0 – 29.4	**Sampling:**	
	8308	20.0 m – 22.0 m (2.0 m)
con't	**8309**	22.0 m – 24.0 m (2.0 m)
	8310	24.0 m – 26.0 m (2.0 m)
	8311	26.0 m – 28.0 m (2.0 m)
	8312	28.0 m – 29.4 m (1.4 m)

29.4 – 35.5 QUARTZ 'VEIN' and MAGNESITE

Semi-massive quartz (est. 60%) mixed with magnesite (est. 40%). Mottled texture. May be lower extension of massive quartz vein, ~11 m wide, mapped on surface just south of collar. Numerous rusty fractures and veins from oxidized pyrite 34.5 m to 35.5 m has more magnesite, est. 70%.

35.5 – 46.1 DOLOMITE, minor MAGNESITE

Light to medium grey and brownish-grey. Mostly banded at 45°-50° to c/a but extensively brecciated (healed) with white to light grey magnesite veins as matrix. Talc veins and argillaceous patches are present. Pyrite is relatively abundant, as metamorphic clots 1-6 mm across, developed in both dolomite and magnesite.
Change to more concentrated magnesite is gradual from ~44.6 m to ~45.4 m.

Sample:
8313 44.1 m – 46.1 m (2.0 m)

46.1 – 50.1 MAGNESITE

White to light grey, mostly massive, mottled. Faintly banded at ~50° to c/a from 46.1 m to 46.5 m. Few medium-grey talc beds, local minor disseminated pyrite.

Sampling:
8314 46.1 m – 48.1 m (2.0 m)
8315 48.1 m – 50.1 m (2.0 m)

50.1 – 57.0 QUARTZ VEINING, minor MAGNESITE, minor DOLOMITE

Massive white quartz veins occur from 50.9 m to 60.65 m and 53.8 m to 60.3 m. Most of the rest of the interval consists of a mixture of quartz and dolomite – a complex, intermixed, mottled interval. From 52.2 m to 52.7 m is light brownish grey dolomite or silty dolomite mixed with blebs of quartz. Pyrite is common locally within the quartz veins, as disseminations and as irregular veinlets. Texture is quite swirly but a lot of the fabric is at a low angle to c/a ~5°-30°.

57.0 – 68.6 MAGNESITE, minor QUARTZ

Massive and mottled with only very local faint banding at ~70°-80° to c/a. White to pale grey, mottled. Yellowish from ~60.5 m to 61.2 m near fractures in the central part of this yellowish zone.
Small blebs of pyrite (up to 3mm across) are irregularly distributed through the interval.
At 60.2 m ~5 cm of broken core is altered to talc – thinly-bedded, medium grey colour.
Few, thin, irregular seams of talc present from 60.2 m – 60.5 m.

Meters	Description
57.0 – 68.6 con't	**Sampling:** **8316 57.0 m – 59.0 m (2.0 m)** Few talc seams near 58.2 m **8317 59.0 m – 61.0 m (2.0 m)** Mostly massive, white, medium-grained talc bands at 60.2 m **8318 61.0 m – 63.0 m (2.0 m)** White to light grey, quite massive. **8319 63.0 m – 65.0 m (2.0 m)** White to light grey, quite massive. **8320 65.0 m – 67.0 m (2.0 m)** White to light grey, quite massive. **8321 67.0 m – 68.6 m (1.6 m)** White to light grey, quite massive; faintly banded at ~70° to c/a in lower-most 30 cm.
68.6 – 82.7	DOLOMITE, minor QUARTZ VEINING Light to medium grey, laminated and thin-bedded. Bedding is at ~70° to c/a from 68.6 m to ~73.0 m and more disrupted below with healed faults and swirly textures. Upper part is lighter grey and evidently partially altered to magnesite. At 73.6 m and 79.6 m narrow bands of ~10 cm of white-light grey clay indicate possible minor fault zones. Core is a bit broken locally. 75.9 m to 76.3 m is a quartz vein, massive white with swirly banding pyrite. Upper contact at ~50° to c/a, lower contact at 0° and 20° to c/a – vein is irregular.
82.7 m	END OF HOLE

DRILL HOLE RECORD

Hole No:	**MG-08-5**	**Property:**	**DRIFTWOD MAGNESITE**
		District:	Golden
Commenced:	Nov. 1, 2008	**Owner:**	Tusk Exploration Ltd.
Completed:	Nov. 3, 2008	**Location:**	West Magnesite Ridge
Coordinates:	530611E 5639465N	**Contractor:**	
Core Size:	NQ	**Total Length:**	99.4 m
Azimuth:	139°	**Logged by:**	P. Klewchuk
Collar Dip:	-49°		
Elevation:	1393 m	**Date:**	Nov. 3-4, 2008
Tests at:			

Objective: Test thickness, depth and grade of Magnesite

Meters	**Description**
0 – 0.7	CASING. NO CORE.
0.7 – 16.0	MAGNESITE White-grey, mottled, coarse-grained. Very faint banding locally at ~50° to c/a. Patches of light grey quartz are scattered through the interval. 15.0 m – 15.7 m is more pyritic with oxidized lensey veins and patches. Core is partly decomposed to sand and rose-yellow-brown stained from oxidation of pyrite.

Sampling:

8322	0.7 m – 2.9 m	(2.2 m)
8323	2.9 m – 5.1 m	(2.2 m)
8324	5.1 m – 7.3 m	(2.2 m)
8325	7.3 m – 9.5 m	(2.2 m)
8326	9.5 m – 11.7 m	(2.2 m)
8327	11.7 m – 13.9 m	(2.2 m)
8328	13.9 m – 16.0 m	(2.1 m)

16.0 – 35.6 MAGNESITE and DOLOMITE

Light to medium grey. Typically thin-bedded. Some bedding is quite distinct, some is more vague. Bedding typically at 35°-40° to c/a. Dolomite is incompletely altered to magnesite. A few thin quartz veins (6-8 mm wide) cut bedding at high angle and at 50°-60° to c/a. Thin, wavy bands of pyrite occur in concentrations locally; core is usually a bit rusty. Notable pyrite at 17.2 m (with muscovite), over 20 cm at 17.6 m, at 18.1 m, at 22.5 m, at 23.3 m with a thin quartz vein, at 25.7 m, from 25.9 m to 26.3 m, at 30.4 m, 30.8 m, at 32.8 m, disseminated from 34.3 to 34.5 m.

Sampling:

8329	16.0 m – 18.2 m	(2.2 m)
8330	18.2 m – 20.4 m	(2.2 m)
8331	20.4 m – 22.6 m	(2.2 m)
8332	22.6 m – 24.8 m	(2.2 m)

Meters	Description			
16.0 – 35.6 con't	**8333**	24.8 m – 27.0 m	(2.2 m)	
	8334	27.0 m – 29.2 m	(2.2 m)	includes 20 cm quartz vein at 29.4 m
	8335	29.2 m – 31.4 m	(2.2 m)	
	8336	31.4 m – 33.5 m	(2.1 m)	
	8337	33.5 m – 35.6 m	(2.1 m)	

35.6 – 38.2 QUARTZ VEIN ZONE, minor MAGNESITE, minor DOLOMITE
Mixed zone of quartz veining, pale grey to yellowish magnesite and medium grey dolomite. Mostly healed breccia texture. Core is mostly broken; quartz veins have associated pyrite.

Sample:
8338 35.6 m – 38.2 m (2.6 m)

38.2 – 67.8 MAGNESITE, minor DOLOMITE
White to pale grey, mottled and quite massive. Patches and veins of quartz are irregularly scattered through the magnesite.
50.6 m to 52.2 m is medium brownish grey and fairly distinctly banded (probable relict bedding) at 45°-50° to c/a. Weakly dolomitic, thin discontinuous darker brown lenses and seams within this unit are talc. Narrow zones of more concentrated, thin, irregular pyritic veinlets are scattered through the magnesite. Core is typically yellowish-stained near pyrite.

8339 38.2 m – 40.2 m (2.0 m)
Includes pods of quartz and 2 zones of pyrite lenses near 39.5 m and 39.7 m.
8340 40.2 m – 42.3 m (2.1 m)
8341 42.3 m – 44.4 m (2.1 m)
8342 44.4 m – 46.4 m (2.0 m)
8343 46.4 m – 48.4 m (2.0 m)
8344 48.4 m – 50.4 m (2.0 m)
8345 50.4 m – 52.2 m (1.8 m)
Medium grey banded zone, includes pyritic veins at 50.5 m and 50.6 m in magnesite.
8346 52.2 m – 54.4 m (2.2 m)
Thin pyrite band at 54.3 m.
8347 54.4 m – 56.6 m (2.2 m)
Concentration of pyrite over 3 cm at 56.5 m
8348 56.6 m – 58.8 m (2.2 m)
Quite massive.
8349 58.8 m – 61.0 m (2.2 m)
Quite massive.
8350 61.0 m – 63.2 m (2.2 m)
Broken core, minor pyrite at 61.4 m, pyrite and quartz over 7 cm near 62.35 m.
8351 63.2 m – 65.5 m (2.3 m)
Quite massive.
8352 65.5 m – 67.8 m (2.3 m)
Weak pyrite with quartz at 65.7 m.

Meters	**Description**

67.8 – 74.3 DOLOMITE and MAGNESITE

Medium to light grey, slightly brownish. Appears to be mainly magnesite but some is dolomite; incomplete alteration of dolomite to magnesite. Mostly thin-bedded with a few medium thick bands of light grey magnesite. Bedding indicates folding is present.
At 68.0 m bedding is at 45° to c/a; 20° at 68.6 m; 10° to 0° between 68.8 m and 70.5 m; 25° at 71.3 m; 15° at 73.5 m; 10° at 73.8 m.
3 cm wide quartz vein at 74.2 m at 35° to c/a with minor pyrite.
Darker brown talc bands are common.
Coarse disseminated pyrite is present through much of the interval.

Sampling:

8353	67.8 m – 70.0 m	(2.2 m)
8354	70.0 m – 72.2 m	(2.2 m)
8355	72.2 m – 74.3 m	(2.1 m)

74.3 – 95.8 MAGNESITE

Pale grey to white, mottled and quite massive. Faintly banded from 82.6 m to 83.1 m at 50°-60° to c/a. Numerous light grey quartz patches and veins. Strongly pyritic with ragged discontinuous veins up to 1.5 cm wide near 87.8 m (est. 10% pyrite over ~15 cm of core). Pyrite veinlets are also present from 90.1 m to 90.7 m with the strongest concentration at 90.1 m.

Sampling:

8356	74.3 m – 76.4 m	(2.1m)
8357	76.4 m – 78.5 m	(2.1m)
8358	78.5 m – 80.6 m	(2.1m)
8359	80.6 m – 82.7 m	(2.1m)
8360	82.7 m – 84.8 m	(2.1m)
8361	84.8 m – 87.0 m	(2.2m)
8362	87.0 m – 89.2 m	(2.2m)
8363	89.2 m – 91.4 m	(2.2m)
8364	91.4 m – 93.6 m	(2.2m)
8365	93.6 m – 95.8 m	(2.2m)

95.8 – 99.4 DOLOMITE

Pale grey-brown to medium blue-grey. Thin-bedded and laminated; 0° to c/a and folded at 95.9 m; 30° to c/a at 96.3 m; 15° to c/a at 97.0 m; 25° to c/a at 99.2 m. Small, indistinct light grey porphyroblasts of magnesite are locally fairly common; partial alteration of dolomite to magnesite.
A few narrow, cross-cutting white veins of magnesite are present.

99.4 m END OF HOLE

DRILL HOLE RECORD

Hole No:	**MG-08-6**	**Property:**	**DRIFTWOOD MAGNESITE**
		District:	Golden
Commenced:	Nov. 3, 2008	**Owner:**	Tusk Exploration Ltd.
Completed:	Nov. 4, 2008	**Location:**	West Magnesite Ridge
Coordinates:	530555E 5639498N	**Contractor:**	
Core Size:	NQ	**Total Length:**	100.0 m
Azimuth:	210°	**Logged by:**	P. Klewchuk
Collar Dip:	-46°		
Elevation:	1383 m	**Date:**	Nov. 4-14, 2008
Tests at:			

Objective: Test thickness, depth and grade of Magnesite

Meters	**Description**
0 – 0.7	CASING. NO CORE.
0.7 – 32.8	MAGNESITE, minor MAFIC INTRUSIVE Pale grey, white and yellowish. Generally massive, mottled texture. Locally (e.g. near 12.7 m), faint, vague banding is present at 65°-80° to c/a. Small, irregular blebs and thin veins of light grey quartz are common, scattered through the interval. Minor pyrite occurs locally, usually as fine disseminations. Core is more broken in the top 12 m. Two narrow mafic dykes are present; 22.75 m to 22.87 m and 23.5 m to 24.0 m. Narrow dyke is somewhat sheared with sharp contacts at ~70° to c/a. Lower dyke has upper contact at ~45° to c/a, lower one at 25°-30° to c/a; contacts suggest irregular bodies. Dykes are fine-grained; mineralogy is not readily distinguished, minor fine-grained pyrite is present. **Sampling:** **8366 0.70 m – 2.7 m (2.0 m)** Massive, coarse-grained. **8367 2.7 m – 4.7 m (2.0 m)** Some broken core, rubbly above 4.7 m; est. 30 cm core loss. **8368 4.7 m – 6.7 m (2.0 m)** Massive, coarse-grained. **8369 6.7 m – 8.7 m (2.0 m)** Massive, coarse-grained, minor broken core. **8370 8.7 m – 10.7 m (2.0 m)** Massive, coarse-grained. Broken core, some rubbly core below 9.2 m to 10.7 m. **8371 10.7 m – 12.7 m (2.0 m)** Quite massive, light grey to white, sheared, banded at 80°-90° to c/a from 12.5 m–12.7 m. **8372 12.7 m – 14.7 m (2.0 m)** Banded at 80° to c/a to 12.9 m then massive, medium and coarse-grained. **8373 14.7 m – 16.7 m (2.0 m)** Massive, coarse-grained.

Meters	Description
0.7 – 32.8 con't	**8374 16.7 m – 18.7 m (2.0 m)** Massive, coarse-grained. **8375 18.7 m – 20.7 m (2.0 m)** Massive, coarse and medium-grained. **8376 20.7 m – 22.75 m (2.05 m)** Massive, coarse-grained , more yellowish and more quartz toward 22.75 m. **8377 24.0 m – 26.2 m (2.2 m)** White, massive, mottled, coarse-grained. Few patches of quartz. **8378 26.2 m – 28.4 m (2.2 m)** White, massive, mottled, coarse-grained. Few patches of quartz. Broken core, yellowish near 27.5 m. **8379 28.4 m – 30.6 m (2.2m)** White, massive, mottled, coarse-grained. Few patches of quartz. Broken core, yellowish, near 29.0 m and 29.7 m. **8380 30.6 m – 32.8 m (2.2 m)** White, massive, mottled, coarse-grained. Few patches of quartz. Broken core, yellowish. Few medium grey talc seams.
32.8 – 45.35	INTERMEDIATE VOLCANIC 'FLOW' – TRACHYTE Medium grey to pale greenish-grey. Series of thin flows with wavy, irregular flow textures at ~20° to 40° to c/a. Minor alteration along a few contacts. Pale grey-green bands appear to be altered; very fine-grained groundmass with small thin, wavy to rounded to rectangular phenocrysts. Fine disseminated pyrite is present. Upper contact is wavy but sharp at ~30° to c/a. Core is quite broken, locally rubbly from 32.8 m to 34.6 m with minor core loss (20-30 cm). Lower contact is sharp at ~40° to c/a but trachyte core is broken just above contact.
45.35 – 52.45	MAGNESITE and DOLOMITE Light grey, medium grey and yellowish white. Mottled and faintly banded at 70°-80° to c/a. Some banding is wavy. Vague whiter crystals are developed within light and medium grey dolomite; incomplete alteration of dolomite to magnesite. Minor, fine-grained pyrite is present. **Sampling:** **8381** 45.35 m – 47.7 m (2.35 m) **8382** 47.7 m – 50.0 m (2.30 m) **8383** 50.0 m – 52.4 m (2.40 m)
52.45 – 65.5	MIXED ZONES; MAGNESITE and TRACHYTE Lenses or bands of brownish, talc-altered trachyte alternate with mottled to faintly banded white-yellowish-grey magnesite. **52.45 m – 53.1 m** – Light brown talc, probably altered 'trachyte' and quartz veining; cleavage/shearing at 15°-25° to c/a, some broken core. **53.1 m – 55.3 m** – Dolomite and magnesite; incomplete alteration of medium grey dolomite to lighter grey/white magnesite. Few dark grey talc seams.

Meters	Description
52.45 - 65.5 con't	**55.3 m – 56.5 m** – Sheared, talcose trachyte. Light grey-green to medium brown. Shearing/cleavage ranges from 0°-50° to c/a; later cleavage at higher angles cuts earlier cleavage at low angles. Few cleavage-parallel quartz veins (5 mm-1 cm wide) at 30°-50° to c/a. Both contacts in sheared, broken core. **56.5 m – 60.3 m** – Magnesite and dolomite, few bands of talc-altered trachyte. Magnesite is quite massive, mottled grey-white, locally faintly banded at ~60°-80° to c/a. Narrow bands of dark grey talc, presumably altered trachyte, occur at: 58.45 m (3 cm wide, at 30°-40° to c/a), 59.0 m (4 cm wide at 15° to c/a) and at 59.4 m (3 cm wide, at 40°-50° to c/a.) **60.3 m – 60.6 m** – Breccia of white magnesite matrix and elongate, ragged talc-altered fragments, 'shear' fabric at ~30° to c/a. Est. 40% magnesite, 60% talc. At 60.3 m a 3 cm band of talc-altered trachyte forms contact at 25° with overlying magnesite. **60.6 m – 65.5 m** – Trachyte; medium brown, fine-grained. Flow fabric and/or shearing at 25°-30° to c/a. Much of the core is broken, locally rubbly; some core loss at lower contact may be faulted. Disseminated pyrite occurs locally with narrow quartz veins; at 62.7 m clots of reddish garnet (?) occur in quartz vein with pyrite.
65.5 – 91.1	MAGNESITE Light grey, mottled whitish in upper 10 m. Massive to faintly banded at 60°-80° to c/a, medium-grained. Few talc seams (more concentrated in lowermost 2-3 m). Minor pyrite is present; fine, disseminated except near 68.6 m to 68.7 m where a few irregular discontinuous bands of pyrite get up to 1 cm across. 4 cm wide quartz vein at 87.8 m at 15°-20° to c/a. **Sampling:** **8384 65.5 m – 67.6 m (2.1 m)** White to pale grey; faintly banded at 80° to c/a from 65.5 m to 66.0 m, then massive with some swirly texture. **8385 67.6 m – 69.7 m (2.1 m)** Mottled, swirly to massive; local concentrations of pyrite. **8386 69.7 m – 71.8 m (2.1 m)** Mostly pale grey, mottled, minor local pyrite. **8387 71.8 m – 73.9 m (2.1 m)** Mostly pale grey, mottled to faintly banded at 70°-80° to c/a; local pyrite. **8388 73.9 m – 76.0 m (2.1 m)** Only 70 cm of core; possible core loss at 73.9 m or 75.6 m; minor broken core (may be an error in placement of footage markers), pale grey, massive and mottled. **8389 76.0 m – 78.1 m (2.1 m)** Pale grey, massive and mottled. **8390 78.1 m – 80.2 m (2.1 m)** Pale grey, massive and mottled. **8391 80.2 m – 82.3 m (2.1 m)** Pale grey, massive to faintly banded at 60°-70° to c/a. Healed fracturing/shearing at 0-30° to c/a. **8392 82.3 m – 84.5 m (2.2 m)** Pale grey, massive to faintly banded at 45°-60° to c/a; minor chlorite near 83.8 m, few talc seams.

Meters	Description
65.5 – 91.1 con't	**8393 84.5 m – 86.7 m (2.2 m)** Medium grey. Mostly faintly banded at 50°-60° to c/a, minor pyrite, few talc seams. **8394 86.7 m – 88.9 m (2.2 m)** Medium grey. Faintly to locally more distinctly banded at 50°-80° to c/a. Talc bands more common, up to 3 cm wide at 88.7 m; 5 cm wide quartz vein at 87.8 m at 20°-40° to c/a. **8395 88.9 m – 91.1 m (2.2 m)** Medium to darker grey. Narrow talc seams common. Broken, sheared core from 90.9 m to 91.1 m; some is talcose.
91.1 – 100.0	RHYOLITE Medium to darker brownish-grey, fine-grained. Thin to medium-banded with some folding evident; bands range from ~10° to 35° to c/a. Locally there is healed breccia texture. Healed shearing is fairly common at ~15°-30° to c/a. Contact at 91.1 m is sheared at ~70° to c/a, talcose; banding in rhyolite immediately below is at 25° to c/a and is cut by sheared contact.
100.0	END OF HOLE

DRILL HOLE RECORD

Hole No:	**MG-08-7**	**Property:**	**DRIFTWOOD MAGNESITE**
		District:	Golden
Commenced:	Nov. 4, 2008	**Owner:**	Tusk Exploration Ltd.
Completed:	Nov. 5, 2008	**Location:**	West Magnesite Ridge
Coordinates:	530477E 5639524N	**Contractor:**	
Core Size:	NQ	**Total Length:**	82.7 m
Azimuth:	215°	**Logged by:**	P. Klewchuk
Collar Dip:	-47°		
Elevation:	1383 m	**Date:**	Nov. 14, 2008
Tests at:			

Objective: Test thickness, depth and grade of Magnesite

Meters	**Description**
0 – 3.5	CASING. NO CORE.
3.5 – 25.3	MAGNESITE Pale grey to white, generally massive and mottled, coarse and medium-grained. Faint banding at 60°-80° to c/a is evident through most of the interval. A few wavy, irregular darker grey-brown talc seams are present, more concentrated near the upper and lower margins of the interval. At 4.2 m a larger, irregular mass of talc is ~3 cm x 15 cm and crosses core at ~20° to c/a.

Sampling:

8396	3.5 m – 5.5 m	(2.0 m)
8397	5.5 m – 7.5 m	(2.0 m)
8398	7.5 m – 9.5 m	(2.0 m)
8399	9.5 m – 11.5 m	(2.0 m)
8400	11.5 m – 13.5 m	(2.0 m)
143512	13.5 m – 15.5 m	(2.0 m)
143513	15.5 m – 17.5 m	(2.0 m)
143514	17.5 m – 19.5 m	(2.0 m)
143515	19.5 m – 21.5 m	(2.0 m)
143516	21.5 m – 23.5 m	(2.0 m)
143517	23.5 m – 25.3 m	(1.8 m)

25.3 – 35.5 DOLOMITE, minor MAGNESITE

Light grey to white and medium grey to brownish grey. Mainly massive with a mottled character to faintly to distinctly banded. A zone of partial alteration of dolomite to magnesite. Talc zones are common in the upper 1.0 m. Coarse blebs of disseminated pyrite occur in banded dolomite from 32.0 m to 34.2 m. Irregular quartz veins up to 3.5 cm wide, are scattered through the interval. Bedding at 26.0 m at 60° to c/a; at 32.2 m at 15°-20° to c/a; at 33.0 m at 60° to c/a. At 34.7 m narrow zone of broken, talcose core – minor fault and at 34.8 m 6 cm of core is a healed shear zone with fabric at 55° to c/a, parallel to bedding.

Meters	Description

35.5 – 72.0 MAGNESITE, very minor DOLOMITE

Mainly white to light grey. Generally quite massive, commonly with somewhat swirled texture and locally with vague banding at 50°-60° to c/a.
From ~48.0 m to 56.3 m core is yellowish, discoloured and carries minor pyrite in fine disseminations and small veinlets. Talc seams are more common here as well.
56.3 m – 58.2 m is medium to darker grey, more distinctly mottled and looks like incomplete alteration of dolomite to magnesite. Minor broken core with quartz veining and talc at 58.0 m to 58.1 m. Below ~68.0 m thin irregular veinlets of pale green chlorite are present, more concentrated and with minor pyrite from 69.5 m – 69.8 m.
Contact at 72.0 m is sharp but irregular and trends at ~30° to c/a.

Sampling:

143518	35.5 m – 37.5 m	(2.0 m)	
143519	37.5 m – 39.5 m	(2.0 m)	
143520	39.5 m – 41.6 m	(2.1 m)	1 cm talc band at 39.7 m.
143521	41.6 m – 43.7 m	(2.1 m)	
143522	43.7 m – 45.8 m	(2.1 m)	
143523	45.8 m – 47.9 m	(2.1 m)	
143524	47.9 m – 50.0 m	(2.1 m)	
143525	50.0 m – 52.1 m	(2.1 m)	
143526	52.1 m – 54.2 m	(2.1 m)	
143527	54.2 m – 56.3 m	(2.1 m)	
143528	56.3 m – 58.2 m	(1.9 m)	
143529	58.2 m – 60.5 m	(2.3 m)	
143530	60.5 m – 62.8 m	(2.3 m)	
143531	62.8 m – 65.1 m	(2.3 m)	
143532	65.1 m – 67.4 m	(2.3 m)	
143533	67.4 m – 69.7 m	(2.3 m)	
143534	69.7 m – 72.0 m	(2.3 m)	

72.0 – 81.7 TRACHYTE

Brownish grey, fine-grained with small elongate pale green phenocrysts. Flow texture and banding evident at ~15° to c/a. Core is quite broken and very rubbly below 79.6 m - Fault Zone with est. 1.5 m core loss.

81.7 – 82.7 MAGNESITE

White to pale grey, sheared near upper 'contact'; faulted. Faintly banded at ~35°-40° to c/a. Mostly broken core.

82.7 END OF HOLE

Note: Fault zone at ~82.5 m difficult to drill through; rods sticking and re-aiming required so hole was stopped.

529750 530000 530250 530500 530750 531000 531250 531500 531750 532000

5639750 5639500 5639250 5639000 5638750

True North
Magnetic North
N

2008 Access Trail Construction

MG-08-1
141.5m
MG-08-7
MG-08-6
MG-08-2
82.7m
MG-08-4.5
100.0m
82.7m
133.5m
MG-08-3
52.2m

WESTERN MAGNESITE

Approximate Boundary of Magnesite

2008 Access Trail Construction

EASTERN MAGNESITE

1100 1200 1220 1240 1260 1280 1300 1320 1340 1360

0 125 250m
SCALE 1:2,500

TUSK EXPLORATION LTD.	
DRIFTWOOD MAGNESITE	
DRILL HOLE LOCATION MAP	
Scale: 1:2,500	Figure: 3
Date:	Datum: Nad 83
Mapsheets: 082K088/98	magnesite_drillhole