ARIS SUMMARY SHEET

District Geologist, Nelson

Off Confidential: 89.06.13

ASSESSMENT REPORT 17538 MINING DIVISION: Golden

PROPERTY: Rok
LOCATION: LAT 50 47 13 LONG 115 40 35
UTM 11 5626750 593300
NTS 082J13E
CLAIM(S): Mining Lease 31,Rok 17,Rok 19
OPERATOR(S): Baymag Mines
AUTHOR(S): McCosh, F.D.;Schultz, B.G.
REPORT YEAR: 1988, 176 Pages
COMMODITIES SEARCHED FOR: Magnesium
GEOLOGICAL SUMMARY: The Mt. Brusilof deposit is reputed to be the largest and purest coarse crystalline magnesite deposit known in the western world. Magnesite occurs as a white to greyish, very coarse-grained crystalline rock which is quite resistant and weathers to a light buff colour. Magnesite is the dominant mineral and the amounts of dolomite and calcite vary locally.
WORK DONE: Drilling
DIAD 2706.7 m 34 hole(s);BQ
Map(s) - 1; Scale(s) - 1:500
MFILE: 082JNW001

LOG NO: 0620	RD.
ACTION:	
FILE NO:	

MR. BRUSSILOF MAGNESITE PROJECT

BAYMAG MINES CO. LIMITED

REPORT ON 1987 EXPLORATION PROGRAM

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,538

Exploration Program - Consisted of the coring, logging, sampling and assaying of 34 diamond drill holes located on the Rok 17 and Rok 19 claims in the Baymag mining lease #31.

Golden Mining Division

NTS Map 82J 13, 562700N, 593000E Latitude

Latitude 50°47'N Longitude 115°41'W

Claims owned by Baymag Mines Co. Limited

Operator - Baymag Mines Co. Limited

Consultant F.D. McCosh Resource Consultants Ltd.

Author(s) F.D. McCosh
G.B. Schultz

Date Submitted: June 13, 1988

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1.0 INTRODUCTION

1.1 Location and Access

The Mt. Brussilof Magnesite mine is located immediately north of the confluence of the Mitchell River and Assiniboine Creek approximately 35 km northeast of Radium Hot Springs in the East Kootenay District of British Columbia (Appendix A). The property is crossed by latitude 50°47'N and longitude 115°41'W.

Access to the minesite is by Provincial Highway 93 to Settler's Road in Kootenay National Park. Settler's Road leads south-southeast along the valley of the Kootenay River. At a distance of eight miles the road turns northeast off Settler's Road and trends northeast along the south side of the Cross River Valley. The gravel road continues a total distance of 14 miles along the Cross River and then along the Mitchell River to the mine area (Appendix B).

1.2 Previous Work

The property is comprised of 233 contiguous claims in the Golden Mining Division (Appendix C).

The magnesite occurence was first discovered by G.B. Leech of the Geological Survey of Canada who was conducting a mapping program in the area. Grab samples, taken during the program, assayed up to 97% magnesite. As a result of the Leech report, New Jersey Zinc Exploration Canada Ltd. staked the area and conducted a mapping and diamond drill program. Imperial Oil Enterprises also investigated the area but no additional work was preformed. Baykal Minerals Ltd. conducted a mapping program in 1969 which resulted in acquisition of additional claims to bring the total to 278. Baykal Minerals arranged with New Jersey Zinc Exploration Canada Ltd. to conduct mining on their claims.

Following the completion of field work in 1969 to 1970 which included diamond drilling programs, a production feasibility report was completed by Acres Western Limited of Vancouver for Baykal Minerals Ltd.

During 1971, Brussilof Resources Limited and Baykal Minerals Ltd. amalgamated to form Baymag Mines Co. Limited.

The property was optioned to Canadian Exploration Limited (CANEX) in 1972. CANEX conducted a field orientated program which included 2819.4 metres of diamond drilling to bring the total length drilled to date on the property to 5,255 meters. Geological mapping of specific areas was also completed.

In 1979 Baymag Mines Co. Limited., a subsidiary (purchased in 1979) of Refratechnik GmbH of West Germany, contracted Techman Ltd. and Kilborn Engineering (B.C) Ltd. to evaluate the feasibility of bringing the magnesite deposit into production. The evaluation involved surveys, percussion drilling, shallow diamond drilling and bulk sample extraction. A 100 ton sample of magnesite was extracted from a site on Rok 17 and shipped to a crusher to be reduced to a minus 10 millimetre mesh. The crushed sample was then shipped to various major equipment suppliers to be dead burnt. The dead burnt material was briquetted for further testing.

In 1981 Baymag entered into a contractual agreement with John Wolfe Construction Co. Ltd. to operate the mine and also be responsible for ore supply to the production plant at Exshaw, a facility based from Canada Cement Lafarge.

Commercial scale mining started in the second quarter of 1982 and has increased dramatically since then. The Baymag mine is an open pit operation which is run year round and currently produces well over 100,000 mtpy of high quality magnesite ore.

During 1984, eight exploration holes totaling a length of 731.5 metres of diamond drilling was completed on the Rok 17 claim. The core has been descriptively logged and just recently assayed.

1.3 Summary of 1987 Exploration Program

The exploration program was conducted in 1987 to investigate the extension of the known magnesite deposit upslope from the present pit development and further delineate and evaluate the quality and quantity of ore in the immediate vicinity of current mining operations (Appendix D).

The program was carried out under the direction of F.D. McCosh Resource Consultants Ltd. for Mr. H. Fergen of Baymag Mines Co. Ltd. The field program commenced in mid August and was completed by mid October. Thirty four diamond drill holes were cored, logged, sampled and assayed during this time.

A total of 2706.7 metres of drilling was completed recovering 1-1/2 inch diameter core. Drill holes ranged in depth from 19.8 metres to 139.0 metres.

2.0 DETAILED TECHNICAL DATA AND INTERPRETATION

2.1 Purpose

The objectives of the exploration were:

1. To investigate the extension of the deposit up slope from the presently drilled area.
2. To delineate the extent of the highly contaminated zone of ore located near the easterly limit of the drilled deposit.
3. To more closely evaluate the quality and quantity of ore in the vicinity of the current pit development.
4. To develop a more accurate interpretation of the configuration of the deposit footwall and to determine its relationship with the limestone and dolomite bed exposed in the present pit highwall.
5. To determine if a second magnesite bed is present at a reasonable depth below the current footwall.

2.2 Methodology

A local surveyor, Bruce Patterson and Associate, who was familiar with the site was contracted to survey the location of the drill holes and assist in directing the clearing contractor in development of initial access roads prior to drilling. A number of access roads were constructed during mid August by John Wolfe Construction Co. Ltd. prior to mobilization of the drill crew. As well, John Wolfe Construction provided general drill site preparation and any additional site work required to ready the drill pad prior to moving the drill onto the site. Holes located in the pit area were dilled on existing benches and roads so that development of access was not required.

H. Allen Drilling was engaged as the drilling contractor and a Boyles Bros. BBS-1 diamond coring rig was employed to carry out the drilling utilizing BQ wireline coring equipment. Drilling commenced August 25, 1987 and was completed October 13, 1987. A total of 2706.7 metres of drilling was completed with one drill crew over the 50 day period. The average daily metreage achieved during the program was 54.2 metres.

All core was descriptively logged in detail by F.D. McCosh Resource Consultants Ltd. In addition to identifying lithologic units, the core logging forms noted details of the core including alteration, mineralization and orientation of all fractures. Percent recovery for each core run, sample intervals and assay results are also noted on the form.

Once logged, the core was slabbed with the use of a brick saw. Half of the slabbed core was bagged and appropriately labelled. Periodically core was shipped to Kamloops Research and Assay Laboratory of Kamloops, B. C., where analysis was made for MgO, CaO, Fe203, Si02 and Al203 content and LOI determinations. The remaining core was placed in a core storage facility built on site.

2.3 Results

The following pages contain the relevant drill core logs and assay results for all 34 holes drilled during the 1987 drilling program.

Waste Dump

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-1
SHEET 1 OF 5

Location Kaslo B.C. | Bearing | Northing 16680.73 | Property Mount Brussilof | O.B. depth 6.8 ft (Captain bank)
Date collared August 26, 1987 | Length 293 feet (89.3m) | Easting 7653.49 | Core size BQ | Logged by FDM
Date completed August 27, 1987 | Dip 90° | Collar elev. 1500.7 | Scale of log approx 1" = 10' | Date August 27, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
OVERBURDEN 0-5.5 (Actual depth of overburden = 15.5 feet when cut bank is included) Glacial till hard clayey w/ rotted + boulders					GOLD ORE 5.5-21.0 = 16 38.0-131.0 = 93 145.0-195.0 = 50 249.0-263.0 = 14 173	1 4 5 6										
MAGNESITE (5.5-21.0) white, crystalline, high grade			10							8701001	94.8	0.43	4.20	0.19	0.08	51.62
					finely disseminated pyrite on plane @ 20° " " " " " " @ 75° 1.5cm mud infilling horizontal fracture	16	120"	115"	96	8701002	97.3	0.44	1.68	0.19	0.17	51.91
			20		Irregular subvertical mud filled fracture (1-2cm light tan clayey mud)					8701003	97.0	0.47	1.85	0.16	0.19	52.37
MAGNESITE (21.0'-38.0) white, grain size 1-10 mm, typically 2-3mm, mottled and blotched irregular black vienlets containing, very fine grained pyrite					horizontal fracture = 1cm of mud infilling mud appears to be washed in from surface huntite filled (?) fracture @ 70°		120"	115"	96	8701004	97.4	0.49	1.55	0.34	0.11	52.35
			30		healed irregular vertical fracture coated with calcite, some disseminated pyrite	26				8701005	97.0	0.57	1.68	0.17	0.26	52.13
					calcareous orangey-yellow coating on fracture @ 20° calcite rich + vuggy along thin fractures clots and irregular stringers of iron		120"	120"	100	8701006	78.6	0.54	13.8	0.29	0.30	52.20
						36				8701007	94.4	0.51	3.92	0.23	0.43	50.28
MAGNESITE (38.0-131.0 white with very slightly grey, mottled appearance, mainly due to finely disseminated pyrite, grain size 1-10 mm			40		0.5cm iron stained fracture around fracture @ 70°		120"	120"	100	8701008	96.3	0.47	2.39	0.17	0.28	52.20
						46				8701009	96.4	0.41	2.80	0.11	0.15	52.03
			50		irregular subvertical pyrite vienlet											
							120"	120"	100	8701010	97.8	0.41	1.60	0.13	0.09	52.07
					rusty irregular calcite coated fracture - disseminated clots of pyrite	56				8701011	97.3	0.41	2.19	0.29	0.06	52.14
			60													

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Structure	MINERALIZATION AND STRUCTURE	Footage Blocks	Core Recovery: Interval Length	Recov'd Length	Percent Recovery	Sample Number	Assay Results (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
Grain size increases from 5mm to 15mm between 60ft and 95ft.			60		faint banding by finely disseminated pyrite @ 65°		120"	120"	100	8701012	95.8	0.41	2.94	0.20	0.32	51.90
Roll 1 Photo 23/24					two pyrite rienlets @ 35°	76										
			70		0.5cm of white paste-like substance on horizontal fracture					8701013	94.1	0.41	2.67	0.23	0.08	52.10
					calcite-healed fracture @ 25°											
					veiny calcite rich minor disseminated pyrite		126"	118"	99	8701014	81.8	0.36	16.8	0.12	0.11	50.76
					minor iron staining on irregular fracture	76										
			80							8701015	92.4	0.30	6.58	0.12	0.15	51.40
					two rusty fractures @ 55° and 70° coated with light brown hard 1mm thick calcareous coating (ankerite?)		120"	118"	99	8701016	93.2	0.37	5.32	0.13	0.15	51.73
						96										
			90							8701017	95.4	0.40	3.36	0.21	0.34	51.70
					grey banding		120"	124"	102	8701018	97.7	0.41	1.86	0.10	0.06	52.21
					15cm of badly broken core + but fresh thin ankerite fracture coating.	96										
					thin pyrite rienlet @ 70°.					8701019	97.8	0.40	1.64	0.07	0.11	52.17
			100													
							126"	120"	100	8701020	97.8	0.44	1.27	0.25	0.04	52.33
					grey finely disseminated pyrite clot 4-10 cm	106										
			110							8701021	97.6	0.44	1.57	0.08	0.02	52.21
increased mottling due to clots of finely disseminated pyrite					2- ankerite coated (1mm thick) fractures with 5-10cm weathered fracture walls		120"	119"	99.5	8701022	97.7	0.44	1.58	0.11	0.06	52.34
					calcite coated fracture very slight iron staining @ 20°	116										
			120							8701023	96.3	0.50	2.36	0.14	0.09	52.42

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOV'D PERCENT RECOV'Y	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			120				120"	120"	100	8701024	98.9	.46	1.53	0559	1.02	52.27
						126										
			130							8701025	97.0	.44	1.89	0.28	0.43	52.10
MAGNESITE (131.0 - 145.0) white, numerous black pyrite vienlets and occasional blebs 0.5-2.0mm					very high pyrite concentrations black, fine grained.		120"	120"	100	8701026	97.6	.43	1.44	0.17	0.09	52.47
						136										
			140		two parallel calcite-coated fractures @ 15°, striations @ 45° to strike of fracture					8701027	95.3	2.07	1.55	0.28	0.26	50.81
					core weathered and slightly friable highly pyritic, weathered to limonite		120"	120"	100	8701028	95.3	1.44	1.76	0.29	0.19	51.44
					large slot of weathered calcite cut by iron stained fracture @ 20°	146										
MAGNESITE (145.0 - 199.5) white with slight orange hue, very slightly mottled,					limonite filled (1mm) fracture @ 65° slight iron staining 10 cm either side of fracture					8701029	95.6	0.06	2.80	0.12	0.09	51.5
			150													
generally hard with several soft friable, porous iron stained zones which are WATER CONDUITS					irregular limonite-filled fracture disseminated weathered pyrite blebs to 1mm		120"	120"	100	8701030	98.1	0.46	1.48	0.14	0.09	51.80
						156										
			160		calcite-coated slightly iron stained fracture @ 10° cross cut by ankerite filled fracture (1mm) @ 60°					8701031	96.7	1.06	1.76	0.19	0.03	52.09
30cm soft, friable porous orange					core badly broken, remanents of mod-filled fractures with slightly iron stained calcite coated walls (subvertical fractured?)		120"	120"	100	8701032	96.4	0.76	2.55	0.22	0.06	51.50
						166										
			170		2cm subvertical calcite vien adjacent to fracture					8701033	78.2	0.99	19.30	0.24	0.11	49.93
					irregular pyrite vienlets, strongly weathered to limonite along two vienlets @ 30°		126"	118"	99	8701034	88.9	0.93	13.29	0.20	0.15	50.50
						176										
			180		minor irregular black pyrite vienlets					8701035	96.6	0.66	1.82	0.31	0.06	51.22

Photo 19 - Drill Slack - 87-1

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
184.5-185.5 rusty porous weathered zone, WATER CONDUIT (ROLL 1 Photo 20)			180		pyrite vienlet @20°		120"	120"	100	8701036	97.1	0.84	1.52	0.16	0.11	51.95
					1cm thick ankerite infilling on fracture @ 20° with clot of pyrite (Roll 1 Photo 26)	186										
			190		irregular weathered pyrite vienlets					8701037	95.6	0.71	3.22	0.19	0.11	51.81
194.0-196.0 porous orange zone (WATER CONDUIT					2.5mm thick fresh pyrite surrounding magnesite clot appr. 8mm in diameter +rusty subvertical calcite healed fracture (ROLL 1 Photo 19)		120"	120"	100	8701038	89.6	0.87	8.12	0.13	0.45	51.08
					irregular subvertical pyrite vienlet	196										
			200		1cm thick ankerite filled fracture @ 20°					8701039	94.9	1.84	2.79	0.13	0.09	50.9
					irregular subvertical pyrite vienlet (5mm thick)											
MAGNESITE (199.5-249.0) white, crystalline, very fine grained, grains 2-10mm, marbly appearance due to pyrite which is finely disseminated. Pyrite also					irregular rusty fracture @ 70° contorted pyrite vienlets		120"	120"	100	8701040	8.40	4.72	0.65	0.20	0.30	48.5
					30cm contorted irregular black banding (pyritic?) -rusty calcite coated fracture @ 35°	206										
			210							8701041	95.9	1.04	1.41	0.26	0.15	51.9
as stringers.					slightly rusty calcite coated fracture @ 25°		120"	120"	100	8701042	97.7	0.71	1.24	0.28	0.08	52.0
						216										
			220		0.5cm thick pyrite vienlet -irregular fresh pyrite					8701043	96.1	2.14	1.20	0.19	0.08	51.26
					vienlets typically 1mm thick		120"	120	100	8701044	96.5	1.25	1.46	0.07	0.47	51.2
						226										
			230							8701045	95.5	0.84	1.58	0.21	1.45	51.35
					high concentration of pyrite stringers		120"	120"	100	8701046	94.1	4.00	1.15	0.20	0.09	51.04
						236										
238.0-242.0 faint grey banding @ 55°-60°, 0.5cm thick, 2cm spacing.			240							8701047	97.0	0.71	1.15	0.22	1.03	51.71

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-1
SH 5 OF 5

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOVERED LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			240				120"	120"	100	8701048	95.3	1.30	1.52	0.26	1.71	50.97
					247.0-248.0 grey dolomite band	246				8701049	94.8	1.06	1.32	0.30	3.19	50.80
MAGNESITE (249.0-263.5) greyish, may be slightly dolomitic					thin pyrite vienlets @ 35°		120"	120"	100	8701050	96.5	0.89	1.60	0.35	0.42	51.63
					-fine irregular pyrite vienlets	251				8701051	95.0	0.59	1.54	0.34	2.25	51.47
			260													
			FW				120"	120"	100	8701052	83.2	0.54	13.71	0.33	1.69	50.24
DOLOMITIC LIMESTONE (263.5-270.5) grey, crystalline massive with contorted irregular dolomitic vienlets 1mm thick 2-4cm apart (Roll 1 Photo 21 and 22)					contact gradational	266				8701053	50.9	6.61	39.5	3.19	3.72	45.30
			270													
LIMESTONE (270.5 - EOH) grey, thinly bedded (1cm)					bedding dipping @ 45°		120"	120"	100	NOT SAMPLED						
						276										
			280													
284.0-285.0 locally vuggy along calcite interbeds							120"	120"	100							
285.0-288.0 limestone becomes dark black and contains grains of calcite					Photo 27 Roll 1 rusty fracture @ 25° striking @ 45° to bedding	286										
			290		Photo 28 Roll 1		72"	72"	100							
288-293 limestone grey green very finely bedded					rusty vugs parallel to bedding	293										
					bedding @ 40°											
					EOH 293'											
turned																
			300													

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-02
SHEET 1 OF 6

Location RADIUM B.C. | Bearing N.1 | Northing 1690.96 | Property MOUNT BROSSEAU | O.B. depth N/L
Date collared SEPT 12, 1987 | Length 333.0 feet | Easting 7622.03 | Core size BQ (1½") | Logged by FDM
Date completed SEPT 13, 1987 | Dip 90° | Collar elev. 1500.3 | Scale of log APPROX 1"=10' | Date SEPT 12, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Lithology	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERNAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
OVERBURDEN 0-8 FEET					R6 GOOD ORE 8-37 grey, high calcium 29 163-180 orange " " 17 232-236 " " 4 246-264 high pyrite 16 264-307 grey 43 GOOD ORE 307-111 = 196 feet 111											
CASING SET TO 8 FEET					LOST CIRCULATION	3										
MAGNESITE (8.0-37.0)			10							8702001	97.0	0.71	1.61	0.45	0.23	52.00
fine grained, light grey					10.0 Mud-filled irregular horizontal fracture 10.5 Rough irregular mud filled fracture @ 15°		96"	96"	100	8702002	97.0	0.66	1.33	0.61	0.23	52.10
					14.0 " " fracture @ 35°	16										
faint grey banding @ 50°					15.0 3.5cm wide white band @ 50° No Core break parallel to banding @ 50°					8702003	96.8	0.64	1.43	0.57	0.28	52.35
			20		20.0 Clean sharp fracture @ 10°											
					24.0 3cm white band @ 50°		120"	120"	100	8702004	96.7	0.63	1.21	0.68	0.30	51.95
						26										
					28.0 Clean sharp fracture @ 15°					8702005	96.5	0.59	1.61	0.55	0.32	51.90
			30													
					31.0 2cm wide white band @ 50° 32.0 clean rough fracture @ 35°		120"	120"	100	8702006	96.0	0.63	1.54	0.89	0.47	52.15
						36										
MAGNESITE (37.0-48.5) white coarse grained			40							8702007	97.1	0.61	1.83	0.36	0.17	52.00
opaque					43.0 Mud filled fracture @ 50°		120"	120"	100	8702008	95.5	0.59	2.97	0.47	0.17	51.90
45.0 bladed white crystals in 46.0 grey matrix with very finely disseminated weathered pyrite						46				8702009	96.9	0.59	1.73	0.39	0.11	51.90
MAGNESITE (48.5-76.0)			50													
white with dark grey crystals medium grained					51.5 rusty calcite coated fracture @ 15° 52.0 magnesite, violet bordered by weathered pyrite @ 35°		120"	120"	100	8702010	97.0	0.71	1.66	0.26	0.11	52.15
54.0-54.5 grey, euhedral, unipyramidal dimensional crystals in white matrix						56										
58.0-59.0 grey grains			60							8702011	96.2	0.74	2.31	0.31	0.08	52.05

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
61.0 0.5cm infilling of white paste (talc or huntite?) on fracture at 35°			60	/	61.5 fracture @ 38°		120"	120"	100	8702012	95.5	0.70	2.94	0.32	0.09	52.05
				::	66.0 disseminated pyrite	66										
			70	::	68.5 grey grains and disseminated pyrite					8702013	96.5	0.79	2.24	0.27	0.09	52.15
72.5 creamy colored and grey grains surrounding white magnesite mass				/	70.5 grey grains and fracture @ 40 71.0 thin grey violet and subvertical fracture 72.5 disseminated pyrite and 2 fractures @ 65° 74.0 - 76.0 grey grains		120"	120"	100	8702014	96.9	0.77	1.26	0.46	0.32	52.15
						76										
MAGNESITE (76.0-84.0) coarse grained, white with			80							8702015	97.9	0.57	0.85	0.78	0.28	52.05
local grey mottled appearance, medium grained							120"	120"	100	8702016	97.1	0.63	1.38	0.36	0.17	52.00
MAGNESITE (84.0-94.0) white to cream with grey mottled appearance, medium			90	~	85.5 irregular vuggy calcite violet @ 30°	86				8702017	97.1	0.90	1.36	0.50	0.26	52.55
				)	90.0 - 91.0 irregular vuggy subvertical calcite violet											
grained				/	92.0 rough irregular fracture @ 10°		120"	120"	100	8702018	96.9	0.74	1.46	0.40	0.23	52.30
						96										
MAGNESITE (94.0-106.0) white, medium grained, occasional light grey			100	~	96.5 Irregular CPR red violet (weathered pyrite?)					8702019	97.8	0.69	1.31	0.26	0.13	52.45
mottling							120"	120"	100	8702020	97.2	0.74	1.49	0.37	0.21	52.25
				~	106.0 faint CPR red violets	106										
MAGNESITE (106.0-122.0) white, medium to coarse			110	/	108.5 magnesite violet @ 35° bordered by thin violet containing some disseminated pyrite (minor) 109.5 Smooth fracture @ 30°					8702021	97.1	0.63	1.63	0.31	0.23	52.10
grained				/	112.5 same as 108.5		120"	120"	100	8702022	97.6	0.61	1.31	0.23	0.13	52.15
				/	117.0 " " "	116										
116.0-116.5 grey grains				///	118.0 3 closely spaced fractures @ 65°					8702023	96.6	0.63	1.94	0.32	0.23	52.40
			120		119.0 same as 108.5 but several											

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			120		119.8 – 120.0 subvertical hairline fracture		120"	120"	100			See previous page				
MAGNESITE (122.0 – 163.5). white with occasional grey grains, medium grained					126.0 Straight fracture @ 30°	126				8702024	96.8	0.73	1.71	0.19	0.28	52.2
					127.0 clean " @ 20°					8702025	96.8	0.76	1.61	0.39	0.19	52.2
			130		130.0 clean fracture @ 15°											
131.0 VUGGY					131.0 calcite coated fracture @ 70°		120"	120"	100	8702026	96.7	0.79	1.51	0.30	0.25	52.1
					131.5 clean fracture @ 25°											
					136.5 grey grains and minor fine grained disseminated pyrite	136				8702027	96.6	0.90	1.58	0.33	0.17	52.1
			140		139.0 calcite coated fracture @ 30°											
					145.0 – 146.0 subvertical fracture		120"	120"	100	8702028	96.7	0.79	1.49	0.48	0.25	52.2
						146				8702029	96.0	0.81	1.74	0.56	0.36	52.0
			150													
					151.0 calcite coated fracture @ 20°		120"	120"	100	8702030	97.2	0.74	1.59	0.45	0.16	52.2
					152.0 rusty calcite vein (1mm) @ 30°											
						156				8702031	97.1	0.76	1.38	0.36	0.09	52.3
			160													
					161.0 core broken along healed fracture @ 20°		120"	120"	100	8702032	95.5	0.76	2.92	0.27	0.18	52.0
MAGNESITE (163.5 – 180.0) fine to medium grained light orange, occasional clots of pyrite ± 2mm					163.0 disseminated pyrite (minor)											
					164.0 greying and finely disseminated pyrite and fracture @ 20°											
					164.0 – 166.0 vertical sharp 1-3mm thick calcite vienlet, vuggy adjacent core stained orange	166				8702033	94.0	0.75	4.26	0.35	0.12	51.9
					167.0 – fracture @ 20° (pyrite)											
			170													
					171.0 – 172.0 subvertical fracture		120"	120"	100	8702034	95.3	0.78	2.90	0.68	0.23	52.0
						176										
178.5 – 179.0 core friable and broken			180							8702035	96.8	0.70	1.76	0.72	0.11	51.9

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HOLE NO. 87-02
SHT. 4 OF 6

Rock Types and Lithographic Description	Graphic Log Footage	Mineralization and Structure	Footage Blocks	Core Recovery: Interval Length	Recov'd Length	Percent Recov'y	Sample Number	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
MAGNESITE (180.0 – 198.0) white, fine grained with minor disseminated pyrite and grey vienlets containing minor pyrite and occasional clots of pyrite to 1 mm	180	181.0 Core break @ 65°; 184.5 " " " "; 1.6.5 " " " "; 188.0 " " " "		120"	120"	160	8702036	96.8	0.70	1.71	0.47	0.14	51.91
	190	190. 3 calcite vienlits 1mm @ 60°	186				8702037	97.1	0.65	1.38	0.37	0.03	51.81
		core lightly orange stained; 192.0 – 194.0 Numerous CPAred weathered pyritic vienlets		120"	120"	100	8702038	97.3	0.67	1.38	0.31	0.05	51.81
			196				8702039	97.7	0.66	1.40	0.31	0.11	51.7
MAGNESITE (198.0 – 246.0) grey, fine grained, minor weathering, disseminated pyrite throughout and grey irregular vienlets containing pyrite (w. altered)	200	202.5 – 204.0 friable, strongly weathered; 205.0 – 205.5 " " "; 203.0 – 207.0 high conc of disseminated pyrite		120"	120"	100	8702040	96.9	0.71	1.56	0.38	0.11	51.6
Creamy opaque			206				8702041	96.0	1.04	2.17	0.67	0.12	52.0
weathered zones containing high calcium: 200.0 – 207.5; 209.5 – 213.5; 219.0 – 237.0	210	211.0 – 211.5 Core badly broken along subvertical calcite coated fracture; 212.5 Calcite coated rusty fracture @ 20°; 214.5 Core break @ 55°; 215.5 Calcite coated fracture @ 35°		120"	120"	100	8702042	95.2	1.48	2.50	0.34	0.12	51.4
	220	219.0 – 220.0 High pyrite concentration as vienlets	216				8702043	91.6	1.24	6.40	0.23	0.11	51.4
221.0 – 224.0 coarse grained; 224.0 – 224.5 friable, strongly weathered, porous		224.5 – 225.0 orange very friable		120"	120"	100	8702044	95.5	1.12	2.74	0.24	0.11	51.7
	230	226.0 Pyrite vienlets weathered	226				8702045	97.0	0.83	1.76	0.32	0.11	52.1
232.0 – 232.5 orange, locally porous		234.5 – 236.5 highly calcareous orange core with 2mm wide subvertical calcite vien cross cutting core, vuggy, high pyrite as clots and viens		120"	120"	100	8702046	96.5	1.11	1.64	0.36	0.16	51.9
	240	236.5 pyrite around magnesite clots; 237.5 pyrite bordering magnesite vien @ 30°; 238.0 pyrite vienlet	236				8702047	97.0	1.00	8.2	0.38	0.18	51.7

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HOLE NO. 87-02
SH 5 OF 6

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'D LENGTH	PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			240		241.0 Pyrite clots to 4mm fresh 242.0 3mm thick pyrite vienlets bordering magnesite vein 244.0-245.0 fresh pyrite clots to 4mm	246	120"	120"	100	B702048	95.2	1.25	2.46	0.43	0.21	51.79
MAGNESITE (246.0-264.0) white, fine to medium grained with grey grains frequent throughout 256.5 grey band			250		247.5-248.0 grey vienlets surrounding angular clots of magnesite 248.0-251.0 subvertical clean fracture					B702049	97.5	0.92	1.33	0.25	0.14	52.0
			260		248.0-252.0 grey vienlets containing minor disseminated pyrite 254.0-256.0 1-2mm thick fresh pyrite vienlets surrounding magnesite veins and clots 257.0 fracture @ 20° 257.0-258.0 irregular grey bands	256	120"	120"	100	B702050	97.4	1.07	1.38	0.06	0.09	51.76
					262.5 disseminated pyrite 263.5 thin pyrite vienlet		120"	120"	100	B702051	96.2	1.62	1.49	0.25	0.12	51.31
MAGNESITE (264.0-307.0) light grey, fine grained			270		266.0 white coarse grained band some pink grains					B702052	96.2	1.69	1.52	0.24	0.12	51.39
					272.0 Clean fracture @ 20° 274.0 " " " 10° 276.0 " " " 10°	276	120"	120"	100	B702053	96.5	1.16	1.57	0.39	0.16	51.74
			280		277.0-279.5 grey vienlets					B702054	96.9	0.70	1.52	0.63	0.42	51.93
					282.0-285.5 grey vienlets	286	120"	120"	100	B702055	96.9	0.59	1.56	0.45	0.23	51.92
			290		287.0 rough irregular fracture @ 20°					B702056	96.0	0.63	1.61	0.93	0.35	51.66
289.5-295.0 thin faint grey vienlets every 20cm					290.5 subvertical rough irregular clean fracture. 293.5 rough fracture @ 15°	296	120"	120"	100	B702057	94.1	0.65	1.80	2.36	0.67	51.26
			300		295.0 10cm white with pinkish hue with coarse grained angular magnesite					B702058	94.4	0.54	2.10	2.05	0.46	51.1
										B702059	92.5	0.51	3.91	1.80	0.53	51.0

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HOLE NO. 87-02
SH 6 OF 6

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Lithology	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOV'Y	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
Magnesite crystals becoming slightly bladed below 301.0 but still fine grained			300		301.0 Thin pyrite rivulet					8702060	8.93	0.53	6.33	1.08	0.83	52.4
			FW		306.0 2 Fractures @ 30°											
ARGILLACEOUS (307.0 - 313.0 DOLOMITE grey, irregular, subrounded to subangular dolomite fragments in softer black argillaceous matrix			310		Contact gradational.											
MAGNESITIC (313.0 - 317.5) ARGILLITE bands (1-2cm) of massive to bladed magnesite in black, soft calcareous argillite			320		Pyrite associated with magnesite. Breaks easily @ 50° to 60°											
ARGILLITE (317.5 - 323.0) black, hard, siliceous increasingly talcaceous with depth																
TALCACEOUS (323.0 - EOH) ARGILLITE (Serpentinious?) green waxy soft matrix cut by thin argillaceous grey bands			330		(Contact gradational 327.0 quartz clot 332.0 quartz clots											
			340		TD = 333.0 feet											
			350													
			360													

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HOLE NO 87-03
SHEET 1 OF 5

Location Kaslo B.C. | Bearing N.I | Northing 16837.75 | Property MOUNT BRUSSILOF | O.B. depth 12 feet
Date collared SEPT 05, 1987 | Length 246 | Easting 7657.27 | Core size BQ (1 1/2") | Logged by FDM
Date completed SEPT 06, 1987 | Dip 90 | Collar elev. 1486.6 | Scale of log approx 1"=10' | Date SEPT 05, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'D LENGTH	PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
OVERBURDEN 0-12'			10		GOOD ORE 20-40 20 50-60 10 102-162 6 TOTAL 90ft.											
			12			12										
MAGNESITE (12.0-21.0) white, grey, mottled, friable weathered, fine grained.			20		LOST CIRCULATION 12.0-21.0 core badly broken	16	48"	42"	84	8703001	95.9	2.00	1.32	0.14	0.32	51.52
										8703002	95.9	1.10	1.94	0.32	0.32	51.59
MAGNESITE (21.0-61.0) white, medium grained, minor grey mottling below 40ft " Horizontal band of soft white pastey material (Huntite?)			30		22.5 slightly iron stained fracture @ 20° 23.5 rough calcite coated fracture @ 20° with white huntite infilling 24.5 10cm of rubbilized core 26.0-27.5 rough subvertical calcite coated fracture, partially healed.	26	120"	90"	75	8703003	97.0	0.76	1.72	0.06	0.09	51.78
										8703004	97.6	0.77	1.27	0.09	0.08	52.13
			40		36.0 10cm of pyrite vienlets 38.0 mud coated fracture @ 40° and 70° 38.5-39.5 irregular pyrite vienlets	36	120"	120"	100	8703005	97.1	0.76	1.72	0.06	0.09	52.35
										8703006	98.0	0.76	1.20	0.06	0.08	52.30
			50		42.5-44.5 irregular pyrite vienlets, slight orange staining, numerous core breaks @ 65° 47.0-51.0 numerous irregular pyrite vienlets, slight orange staining particularly on fractures @ 35°	46	120"	120"	100	8703008	96.0	1.42	2.31	0.06	0.08	51.86
					49.0 calcite healed vertical fractures 51.0 fracture @ 35° with needle like, radiating calcite crystals 54.0 pyrite vienlet	56	120"	120"	100	8703009	97.1	1.02	1.39	0.10	0.09	52.25
			60		59.0 2-rusty limonite vienlets					8703010	97.1	1.03	1.51	0.09	0.11	52.04

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			60	/	60.0 pyrite vienlet											
MAGNESITE (61.0 – 67.0) Brecciated and sheared 62.0-63.5 buff colored angular magnesite in fine grained buff matrix FAULT ZONE RELICT				0 /	61.0 pyrite bounding clot of magnesite 62.0-63.5 sheared and brecciated Rock 2 Photo 1-3 mylonized zone, healed fault(?) dipping @ 20°	160	120"	120"	100	8703011	92.8	0.80	8.68	4.60	3.40	50.20
DOLOMITE (67.0 – 81.0) hard, grey, fine grained,		/	70	/ /												
"sugary" texture, effervesces in dilute HCl if pulverized, Numerous calcite coated, rusty fractures @ 30° + 35°. Core generally in pieces less than 10 cm in length			80	/ / / / /		176	120"	120"	100							
LIMESTONE (81.0 – 93.5) hard, massive, aphanitic, numerous rusty, irregular, low angle (10°-20°) breaks every 10cm			90			86	120"	120"	100							
							180"	120"	100							
CALCAREOUS DOLOMITE (93.5 – 100.5) grey, hard, aphanitic, more calcareous than 67.0 – 81.0 Numerous core breaks @ 35°-45°			100	/ / / / /		196	96"	96"	100							
Cutting core into 10cm pieces																
MAGNESITE (100.5 – 162.0) white, medium to coarse grained, high quality, minor zones of fine grained pyrite interbedded with 10-20cm bands of pure white extremely coarse			110	X // // //	Contact gradational from 101.0 to 106.0 feet. 101.0 – 102.5 – 3cm long bladed magnesite crystals in grey dolomitic matrix. Crystals decreasing in size with depth 103.5 – 106.0 grey finely disseminated pyrite in irregular vienlets	104				8703012	81.0	0.80	8.68	4.60	1.89	48.1
						106	34"	24"	100	8703013	97.3	0.70	1.09	0.19	3.40	51.7
grained magnesite from 100 to 130 feet. Unit is very poorly fractured			120	// // // //	106.5 white talc-coating fracture @ 35° 108.5, 111.0 & 113.0 minor pyrite vienlets for 10cm 114.0 – 114.5 weathered disseminated pyrite 117.0 minor pyrite vienlets	116	120"	120"	100	8703014	97.0	0.77	1.18	0.39	0.47	52.1
										8703015	96.8	0.61	1.90	0.20	0.38	52.0

NOT SAMPLED

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOVRY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			120	X	121.0–122.5 minor pyrite vienlets		120"	120"	100	B703016	97.2	0.67	1.62	0.39	0.28	51.74
						126										
			130		129.0 minor subvertical pyrite vienlet and rough irregular fracture @ 30°					B703017	97.6	0.71	0.98	0.26	0.19	51.96
133.5 10cm pure wht to hard siliceous 135.0 20cm as above 136.0–136.5 light orange iron stained, adjacent to fracture					131.0–132.5 minor irregular pyrite vienlets almost mottled 133.0 core broken along healed fracture at 20° 136.0 thin vuggy calcite filled fracture 139.5 fracture @ 10° irregular core break		120"	120"	100	B703018	97.8	0.61	0.83	0.47	0.37	52.27
						136										
			140							B703019	97.2	0.70	1.15	0.45	0.38	52.4
144.0 2–10cm white hard bands (siliceous) 146.0 20cm pure white, hard band, siliceous?					146.0 irregular healed calcite filled fractures slight core discoloration (orange) 146.0 rough irregular core break		120"	120"	100	B703020	97.9	0.59	1.37	0.66	0.53	51.8
						146										
			150							B703021	97.1	0.61	1.15	0.45	0.42	51.8
158.5 vuggy					149.0 minor iron pyrite vienlet 151.0–152.5 slight orange discoloration in association with 1mm thick calcite healed fractures @ 35° and 20° 153.0 iron pyrite irregular vienlets 155.0 several healed 1mm thick calcite healed fractures lightly iron stained 158.0 thin healed microvuggy fracture subvertical		120"	120"	100	B703022	97.1	0.74	1.65	0.17	0.19	52.5
						156										
			160							B703023	96.9	0.80	1.94	0.07	0.09	52.0
					160.0–161.0 very vuggy fracture zone segregation with wht calcite crystals infilling		120"	120"	100							
MAGNESITE (162.0+ ?96.0) white, grey, mottled increasing with depth, medium to coarse grained					161.0–167.0 mottled (disseminated pyrite?)					B703024	97.0	0.73	1.04	0.17	0.11	51.96
						166										
			170		165.0–166.0 rusty vertical fracture, vuggy locally up to 1cm calcite translucent fracturing crystals 167.0–169.0 2–irregular subvertical vuggy calcite filled rusty fracture					B703025	93.8	0.69	4.30	0.47	0.24	51.60
					169.0–178 – calcite coated subvertical lightly iron stained fracture 171.0 disseminated rusty pyrite 172.0 rusty pyrite bordering magnesite		120"	120"	100	B703026	96.4	1.09	1.20	0.57	0.47	52.2
						176										
			180		179.0–180.0 subvertical slightly rusty fracture					B703027	96.0	0.70	1.38	0.93	6.51	51.6

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
M			180		180.5 minor pyrite surrounding magnesite clots 180.0-182.0 subvertical rust stained fracture.		120"	120"	100	8703028	94.3	0.83	1.60	2.15	0.57	51.3
						196										
			190		187.0-188.5 subvertical fracture with 1cm white siliceous material forming walls of fracture some rust staining some disseminated pyrite violets					8703029	94.1	1.15	1.06	2.05	0.66	50.98
					190-194.0 minor bladed magnesite crystals		120"	120"	100	8703030	95.3	0.77	1.44	1.65	0.53	51.33
					195.0 10cm siliceous band with disseminated pyrite & pyrite violets	206										
MIXED TRANSITION UNIT (196.0-220.0)					196.5 fractured 20° very minor disseminated pyrite					8703031	80.9	0.56	4.25	12.69	0.79	47.53
			200													
very varied lithology of interbedded light grey aphanatic dolomite with white medium to coarse grained magnesite in bands or crystals in grey (dolomitic?)					201.0 - 12cm grey white quartzite band 202.0 - subvertical 2mm fracture 202.0-203.0 grey black contorted subvertical vein of talc/serpentine(?) 204.0 - 3cm wh. to quartzite band		120"	120"	100	8703032	53.5	0.32	0.42	43.59	0.07	36.78
						216										
			210							8703033	86.9	0.64	0.36	8.86	2.38	48.5
matrix. Magnesite crystals often bladed					212.0 15cm thick quartzite band. 212.5 - translucent light grey band, black band similar to 202-203, also surrounding thin 4cm magnesite clot 216.0 vertical fracture.		120"	120"	100	8703034	84.9	0.70	0.31	12.16	1.27	48.77
						226										
			FW 220							8703035	70.5	0.46	0.35	28.95	1.15	41.61
DOLOMITIC LIMESTONE (220.0-230.0) light grey, aphanitic, with thin (1mm) irregular contorted grey violets cross cutting every 3-6cm. Violets contain minor pyrite (weathers)							120"	120"	100	8703036	81.4	0.74	11.61	2.45	3.31	46.7
						236										
			230													
ARGILLACEOUS (230.0-EOH) LIMESTONE irregular grey (rip-up clasts?) in black matrix (10-20%) soft, breaks easily					no identifiable bedding		120"	120"	100							
			240			246										

NOT SAMPLED

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HOLE NO. 87-03

SHEET 5 OF 5

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	Recov'd Length	Percent Recov'd	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			240			'	12"	12"	100	NOT SAMPLED						
						246										
			250		TD = 246											

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HOLE NO. 87-04
SHEET 1 OF 5

Location Radium B. C. | Bearing — | Northing 16801.50 | Property Mount Brussilof | O.B. depth 25'
Date collared August 23, 1987 | Length 196 feet (59.75m) | Easting 7687.08 | Core size BQ | Logged by FDM
Date completed August 26, 1987 | Dip −90° | Collar elev. 1485.5 | Scale of log approx 1" = 10' | Date August 26, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'D LENGTH	PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
OVERBURDEN (0.0–25.0') silty sandy calcareous glacial till with boulders					18.0'-25.0' rubble from boulders CASING SET TO 25'											
MAGNESITE (25.0–51.0) white, grain size 5mm, some grey clots and irregular stringers			30		fracture @ 25° slight staining, weathered " " 10° slight iron staining subvertical fracture, slightly iron-stained fracture @ 10°, slickensided, iron	31	72'	72"	100	8704001	88.8	1.00	4.89	0.90	3.89	50.27
			40		stained, some minor disseminated pyrite adjacent to fracture subvertical fracture slightly iron stained powdery calcite coating fracture @ 55° healed fracture @ 30° calcite coated, slickensided fracture @ 100°	41	120"	120"	100	8704002 8704003	95.7 94.9	0.90 0.86	1.32 1.96	0.30 0.30	1.51 1.64	51.68 51.66
			50		pyrit vienlet @ 60° healed subvertical fractures infilled with calcite mud-filled fracture	51	120"	120"	100	8704004 8704005	95.4 94.8	0.74 1.06	2.31 1.92	0.30 0.30	1.29 1.57	51.63 51.42
MAGNESITE (51.0–86.0') white, hard with frequent strongly weathered zones containing irregular limonite vienlets where core is friable and ground by drilling			60		irregular limonite vienlets core badly broken limonite vienlet @ 60° irregular limonite vienlets	61	120"	110"	92	8704006 8704007	96.5 94.7	1.06 1.77	1.58 2.28	0.06 0.37	0.46 0.62	51.73 51.61
			70		three healed, limonite coated fractures @ 15° healed limonite coated fracture @ 1/0° limonite coated fracture @ 90° core badly broken	71	120"	120"	100	8704008 8704009	94.1 95.8	2.80 2.50	2.29 1.24	.12 .08	.14 .16	51.40 51.66
LOST CIRCULATION AT 80.5'			80		two iron-stained fractures @ 10° containing limonite Core soft and friable, strongly weathered with irregular limonite vienlets up to 0.8cm thick irregular limonite vienlets	81	120"	120"	100	8704010 8704011	91.6 92.9	2.85 1.98	2.07 4.20	.06 .18	.22 .37	51.49 51.04

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			80	//	irregular limonite vienlets	81										
				//	← irregular limonite vienlets					8704012	95.0	3.64	1.08	.05	.13	57.37
				04	} core crushed to blocky		120"	120"	100							
MAGNESITE (86.0 - 131.0) white, euhedral crystals				Y	cross cutting fractures @ 10° and 35°					8704013	95.9	2.73	1.19	.02	.16	51.61
			90		coated with yellowish powdery substance non reactive to dilute HCl											
1-2 cm, frequent irregular iron pyrite vienlets above 124 feet.						91										
					Slightly iron stained healed subvertical fracture					8704014	97.6	.97	1.27	.01	.15	52.05
					Black irregular vienlets and disseminated pyrite											
					Fracture at 20°		120"	120"	100							
					Subvertical healed fracture					8704015	97.7	.65	1.48	.02	.11	52.25
			100		98.0 Pyrite vienlets, black irregular											
					Fracture @ 35° cutting fresh pyrite vienlets @ 20°	101										
					101.0 - 103.0 irregular pyrite vienlets					8704016	97.8	.68	1.20	.02	.10	52.21
					CORE breaks easily along planes @ 25°. Breaks have slippery feel											
					Vuggy calcite vienlet 2-3mm thick @ 10°		120"	120"	100	8704017	97.7	.69	1.12	.18	.13	52.1
			110		Irregular pyrite vienlets											
						111										
					Fracture @ 10° covered with white paste-like coating, poorly reactive to dilute HCl					8704018	97.8	.66	1.26	.18	.17	51.9
							120"	120"	100	8704019	94.6	.76	3.36	.39	.46	51.99
			120													
						121										
					Subvertical open fracture coated with calcite					8704020	95.4	.75	2.92	.14	.41	51.8
							108	108	100	8704021	96.8	.66	2.03	.03	.15	51.9
			130			130										
MAGNESITE (131.0 - 132.5' gray, marbled, grain size 1-2mm, numerous iron vienlets and pyrite surrounding magnesite grains 1-3cm in diameter. Also clots of pyrite up to 1cm, typically 1-2mm.					Fracture @ 35°											
					Subvertical healed fracture		114	114	100	8704022	97.2	.68	1.76	.06	.16	51.9
			140			137.5				8704023	96.1	.68	2.64	.08	.23	51.9

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-4
SHEET 3 OF 3

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'ED LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
MAGNESITE (139.5-169.0) slightly mottled with some disseminated pyrite			140		Irregular pyrite vienlet Mildly crushed core and minor fault gouge?) @ 10°, slightly stained Two fractures @ 10° and 20° striking to each other Finely disseminated pyrite vienlet 3mm thick	141	18"	20"	110							
			150				120"	120"	100	8704024	87.1	1.78	3.79	4.85	1.48	49.4
					Fracture @ 10° coated with white powdery substance 1mm thick pyrite vienlets and occasional blebs Pyrite blebs 1-3mm	151				8704025	86.6	3.07	1.47	7.32	1.94	48.9
			160		Healed calcite coated fracture @ 40° Subvertical calcite coated fracture		120"	120"	100	8704026	94.7	1.10	1.79	.88	1.20	51.4
						161				8704027	92.0	1.12	.63	3.53	2.72	50.2
					Subvertical calcite coated fracture Disseminated pyrite					8704028	93.7	1.06	1.46	2.52	1.08	51.3
							120"	120"	100	8704029	94.9	0.82	1.86	1.49	0.80	51.5
MAGNESITE (169.0-177.0) grey, crystalline, slightly calcareous, unfracture, some small vugs of calcite, minor irregular pyrite			170			171				8704030	94.3	1.27	1.75	1.17	1.89	51.1
			FW				120"	120"	100	8704031	64.3	0.73	29.4	2.62	1.84	48.4
DOLOMITE (177.0-EOH grey thinly bedded (0.5-1.5cm) soft, core breaks easily along bedding			180			181				8704032	NOT ANALYZED					
							120"	120"	100	8704033	NOT ANALYZED					
			190			191										
							60"	66"	100							
						196.0										
					EOH 196'										✓	
			200													

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HOLE NO. 87-05
SHEET 1 OF 7

Location: RADIUM B.C.	Bearing: nil	Northing: 16,956.12	Property: MOUNT BRUSSILOF	O.B. depth: 2 feet	
Date collared: SEPT 10, 1987	Length: 390 feet	Easting: 7,595.96	Core size: BQ (1 1/2")	Logged by: FDM	
Date completed: SEPT 11, 1987	Dip: 90°	Collar elev.: 1506.7	Scale of log: approx 1" = 10'	Date: SEPT 11, 1987	

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG FOOTAGE	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
OVERBURDEN (0-2') CASING SET TO 40'		GOOD ORE 2-109 107 / 347-362 15 } 122' MARGINAL ORE 147.5-243.0 95.5 / 255.0-330.0 75.0 } 170.5					8705001	96.1	0.81	1.94	0.63	0.27	51.99
MAGNESITE (2.0'-96.0') fine to medium grained white with very light grey grains, very minor finely disseminated pyrite	10	4.5 pyrite surrounding magnesite mass 5.0-7.0' subvertical calcite healed fracture 8.0' calcite filled (tan) fracture @ 60° crosscutting vertical fracture core broken 8.0-9.0'		84"	84"	100	8705002	92.4	0.61	4.32	1.54	0.51	51.84
		10.0-11.0 grey vienlets with minor disseminated pyrite 11.5 rusty fracture along pyrite vienlet 14.0 pyrite surrounding magnesite clot. 15.0 rusty irregular break with calcite	11	60"	60"	100	8705003	96.5	0.82	1.85	0.46	0.19	51.88
	20.	16.0-19.0 healed fractures @ 20°	16				8705004	96.2	0.65	2.17	0.50	0.28	52.06
		21.0 2mm coating of calcite on core break 21.5 fine grey subhorizontal vienlets 22.5 sharp core break @ 45°		120"	120"	100	8705006	96.0	0.66	2.05	0.53	0.48	52.03
	30	24.0-26.0 numerous closely spaced fractures (healed) at 10° 27.5 core break @ 20°	26				8705006	96.2	0.62	1.61	0.63	0.51	52.10
		30.0 clean fracture @ 20° 34.0-36.0 4 fractures @ 20°		120"	120"	100	8705007	95.1	0.63	2.17	0.94	0.80	52.12
Very few fractures below 36.0'	40		36				8705008	96.4	0.76	1.59	0.46	0.35	52.00
				120"	120"	100	8705009	96.3	0.80	1.75	0.40	0.25	51.94
	50	46.5-48.5 core badly broken along vertical rough fracture 49.0 to 51.0 few pyrite vienlets and some disseminated pyrite	46				8705010	96.1	0.81	2.09	0.49	0.32	51.95
		53.0 pyrite surrounding magnesite mass 53.5 pyrite vienlet 54.5-55.0 weathered pyrite around magnesite ... lets and clots		120"	120"	100	8705011	95.7	0.90	2.12	0.69	0.55	51.68
black vienlets appear greenish like serpentine where exposed in core breaks	60	57.5-59.5 pyrite vienlets and boundaries around magnesite	56				8705012	93.1	1.20	1.47	2.21	1.31	50.96

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
							120"	120"	100	8705013	45.6	0.69	1.47	1.23	0.57	51.8
						66										
			70							8705014	93.2	0.65	1.66	2.82	1.15	51.12
							120"	120"	100	8705015	96.1	0.65	1.52	0.89	0.58	51.75
						76										
			80		79.5-80.0 core badly broken along clean vertical fracture					8705016	95.9	0.70	1.54	1.00	0.57	51.72
							120"	120"	100	8705017	95.7	0.61	1.95	0.83	0.53	51.83
					84.0 Thin black vienlet @ 45°											
86.0-91.0 Core broken into 5-10cm pieces. Breaks along black vienlits exposing some iron staining					86.5 Vuggy calcite filled fracture @ 15°	86										
			90		88.0-89.0 faint thin black vienlets with iron staining					8705018	95.7	0.66	1.52	0.82	0.55	51.7
					91.0-92.0 Subvertical, clean, rough fracture		120"	120"	100	8705019	95.4	0.66	2.46	0.8	0.34	51.8
						96										
MAGNESITE (96.0-109.0 white, medium grained to coarse			100							8705020	97.1	0.72	1.63	0.46	0.23	52.1
					101.0 grey vienlet		120"	120"	100	8705021	95.1	0.66	3.15	0.45	0.27	51.91
						106										
MAGNESITE (109.0-128.5')			110		110.0 horizontal core break exposing some weathered pyrite					8705022	94.8	0.62	3.41	0.36	0.21	51.81
white to light grey frequent black irregular vienlets with associated finely disseminated pyrite fresh to lightly weathered at depth							120"	120"	100	8705023	96.8	0.91	1.42	0.51	0.44	51.66
						116										
			120							8705024	93.8	0.62	3.83	0.70	0.41	51.76

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
							120"	120"	100	8705025	92.5	1.10	4.91	0.58	0.32	51.4
						126										
										8705026	92.4	1.38	4.64	0.49	0.28	51.1
MAGNESITE (128.5-142.5)			130													
white to light grey with frequent irregular pyrite vienlets and disseminated pyrite strongly weathered to limonite throughout, fine to medium grained, cream colored below 136.0 to end of unit					136.0 -143.0 Cream colored from weathering but little pyrite		120"	120"	100	8705027	93.0	1.77	3.78	0.47	0.37	50.9
						136										
			140							8705028	91.8	1.20	5.96	0.36	0.21	51.4
							120"	120"	100							
MAGNESITE (142.5-143.0) white with frequent intervals containing dark grey to black grains in the white matrix, finely disseminated pyrite										8705029	93.7	1.22	3.76	0.38	0.28	51.1
						146										
			150							8705030	94.8	1.02	2.96	0.39	0.30	51.5
throughout (may be marginal ore), fine to medium grained.					150.5 pyrite surrounding magnesite		120"	120"	100	8705031	94.7	1.37	3.22	0.22	0.07	51.2
					154.0 pyrite vienlet											
					156.0 pyrite surrounding magnesite	156										
					157.5-158.5 pyrite vienlets					8705032	95.8	1.33	2.50	0.19	0.05	51.28
			160		166.0 pyrite vienlet											
					162.0 pyrite vienlets		120"	120"	100	8705033	94.5	1.10	3.73	0.25	0.09	51.4
						166										
					167.5 pyrite vienlet					8705034	96.5	0.95	1.97	0.30	0.05	51.68
							120"	120"	100							
					172.0 pyrite vienlets					8705035	97.0	0.93	1.69	0.17	0.05	51.75
						176										
					176.0 - 178.0 pyrite vienlets											
			180		179.5 - 184.0 thin pyrite vienlets					8705036	96.5	1.01	1.83	0.20	0.12	51.6

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: FOOTAGE	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'D LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
	180		186	120"	120"	100	8705037	96.0	1.33	7.85	0.30	0.12	51.3[illegible]
	190						8705038	94.4	0.82	3.71	0.46	0.11	51.37
			196	120"	120"	100	8705039	91.0	0.79	6.81	0.56	0.27	51.0[illegible]
	200	198.5 grey vienlets					8705040	96.4	0.77	1.83	0.37	0.19	51.5[illegible]
203.5 - 204.0 Core lightly cream colored (weathered?)		202.5 healed fracture @20° 203.5 open limonite stained fracture @20° along pyrite boundary of thin dipping magnesite vienlet	206	120"	120"	100	8705041	96.2	1.20	232	0.27	0.11	51.1[illegible]
	210	205.5 grey pyritic vienlet with 1cm. diameter pyrite clot (fresh) 209.5 Co [illegible] along grey vienlets					8705042	95.1	1.13	2.95	0.34	0.11	51.2[illegible]
		211.5 pyrite vienlet & clot 212.5 & 213.0 pyrite bordering thin magnesite vienlets 214.0 grey pyrite-bearing vienlets around magnesite clots	216	120"	120"	100	8705043	95.4	1.07	3.02	0.27	0.09	51.2[illegible]
218.5 - 226.0 core lightly cream colored (weathered)	220	217.0 - 218.5 pyrite vienlets 219.0 - 220.0 " "					8705044	96.0	1.22	1.96	0.34	0.19	51.2[illegible]
		222.0 - 222.5 rusty vertical fracture 223.0 - 223.5 creamy, friable, weathered	226	120"	120"	100	8705045	89.6	1.00	8.13	0.21	0.14	51.3[illegible]
	230	226.0 rusty pyrite vienlets surrounding magnesite 229.5 pyrite (grey) surrounding magnesite [illegible]					8705046	95.5	0.98	2.81	0.27	0.12	51.4[illegible]
			236	120"	120"	100	8705047	96.2	0.81	2.37	0.27	0.11	51.7[illegible]
235.5 - 236.5 core slightly rust stained	240	238.0 - 241.0 iron stained core and weathered pyrite vienlets					8705048	95.0	1.05	3.07	0.37	0.16	51.29

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			240		243.0 rusty irregular fracture @ 25°		120"	120"	100	B705049	95.8	1.80	1.69	0.29	0.11	50.8
MAGNESITE (243.0-255.5) white with grey mottling, high concentration of finely disseminated pyrite along vienlets and in clots (1-5mm) throughout			250			246				B705050	95.8	2.28	1.51	0.35	0.12	50.9
					253.0 irregular core break @ 20° 253.5 " " " "		120"	120"	100	B705051	94.2	2.40	2.30	0.39	0.18	50.2
MAGNESITE (255.0-276.0) white, medium grained, occasional pyrite stringers and finely disseminated pyrite			260		256.0 grey pyrite bearing vienlets surrounding magnesite clot.	256				B705052	94.1	3.47	1.66	0.26	0.11	50.3
					261.0 grey pyrite vienlets 263.0 Thin irregular healed fracture @ 35° minor disseminated pyrite 265.5 lightly stained subvertical irregular fracture		120"	120"	100	B705053	97.0	1.03	1.71	0.27	0.05	51.5
			270		266.0 - 269.0 high pyrite vienlet concentration slightly weathered.	266				B705054	97.3	1.06	1.29	0.34	0.05	51.6
					270.5 - 272.0 high concentration grey pyrite vienlets		120"	120"	100	B705055	96.6	1.54	1.29	0.31	0.07	51.2
						276				B705056	96.7	1.13	1.34	0.34	0.16	51.4
MAGNESITE (276.0-313.0) white to very light grey fine grained			280		276.2 thin grey pyrite vienlet 278.5 pyrite vienlet surrounding magnesite clot					B705057	97.2	0.93	1.29	0.29	0.11	51.6
					279.5 - thin grey pyrite vienlets 281.0 thin grey pyrite vienlet. 282.0 " " " " 283.0 " " " " 285.5 " " " " 286.0 irregular subvertical core break. 286.0 - 289.0 Minor disseminated pyrite clots 1mm - 2mm	286	120"	120"	100	B705058	97.0	0.88	1.51	0.33	0.05	51.7
			290							B705059	96.9	0.87	1.47	0.47	0.19	51.2
					292.0 Magnesite vienlet @ 35° by pyrite knuckles 293.5 Irregular grey mottling some pyrite 294.5 irregular pyrite vienlets 295.5 - 2 pyrite vienlets dipping @ 60°	296	120"	120"	100	B705060	94.1	0.88	3.59	0.67	0.48	51.2
297.0 light pinky brown colored crystals			300		298.0 Wavy irregular healed fracture @ 10° with blebs of pyrite to 3mm					B705061	90.4	0.73	6.34	1.04	0.87	50.9

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			300		300.0 irregular pyrite vienlets		120"	120"	100	8705062	91.5	0.69	2.76	2.45	2.02	50.4
						306										
			310							8705063	97.1	0.79	1.49	0.21	0.46	51.6
					312.5 subvertical fracture coated with white powdery substance		120"	120"	100	8705064	96.2	0.68	1.42	1.01	0.53	51.4
MAGNESITE (313.0-347.0 as above with minor disseminated pyrite increasing with depth.						16										
					317.5-319.0 grey mottling and faint pyrite vienlets					8705065	95.6	0.63	1.80	1.11	0.60	51.4
			320													
					321.5 2-grey pyrite vienlets @ 50°		120"	120"	100	8705066	94.9	0.66	2.78	0.88	0.42	51.4
					323.5 " " " "											
					324.0 faint grey banding	326										
					324.0 " " "					8705067	95.9	0.78	1.53	0.85	0.53	51.5
			330		329.0 irregular grey pyrite vienlet											
					331.0 faint grey band		120"	120"	100	8705068	94.9	1.04	1.59	1.36	0.93	51.2
					333.0 irregular pyrite vienlet	336										
					337.0-337.8 weathered along horizontal core break											
					337.0-338.0 concentrated folets					8705069	94.6	0.69	1.61	1.69	1.15	50.9
			340		339.0 irregular pyrite vienlets											
					341.0 irregular pyrite vienlet		120"	120"	100							
					341.0 grey band of pyrite (3mm)											
					342.5 " " (2)											
					343.0 irregular grey pyritic vienlets											
					346.0 5mm grey band with pyrite	346				8705070	96.6	0.79	1.77	0.34	0.19	51.1
MAGNESITE (347.0-362.0) grey, lightly mottled, fine grained, several pale grey bands. Below 355.0 several thin irregular chloritic vienlets					347.0 3cm dark grey-blue					8705071	90.1	0.58	4.15	2.46	1.66	50.7
					351.0 grey band											
					LOST CIRCULATION 351.0'		120"	120"	100	8705072	90.6	0.63	1.21	2.79	3.82	50.5
					354.0 1cm greenish grey wavy fine grained chloritic band.	356										
			360							8705073	87.5	0.49	0.81	4.58	2.61	49.3

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-05
SH 7 OF 7

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			360													
TRANSITION UNIT (362.0-367.5) interbedded, serpentine and magnesite, few bladed tabular crystals			FW		362.0 irregular core break exposing deeply weathered pyrite					8705074	37.5	0.59	1.56	5.15	4.27	49.4
TALCACEOUS ARGILLITE (367.5-EOH)			370	0/	Very faint occasional banding @ 55° to 65° (?)											
green, waxy, relatively soft, aphanitic					367.5-369.0 creamy, weathered clots and viens of magnesite					SAMPLED						
379.5 light white semicircular spots			380		377.0 Fine magnesite stringers at 60°-80°					NOT						
			390													
			400		TD = 390 feet.											
			410													
			420													

✓

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-06
SHEET 1 OF 6

Location: Radium B.C.	Bearing: —	Northing: 16870.80	Property: Mount Brussilof
Date collared: August 30, 1987	Length: 350 feet	Easting: 7592.25	Core size: BQ (1½")
Date completed: August 31, 1987	Dip: 90°	Collar elev.: 1473.4	Scale of log: approx 1" = 6'
O.B. depth: 10' FS on the bank	Logged by: FDM	Date: August 28, 1987	

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION

OVERBURDEN (0.0–10.0)
additional 10 feet on the bank, red silty fill at surface, silt 50%, sand 15%, clay 10%, gravel 15%, cobbles and boulders 20%

MAGNESITE (10.0'–34.5')
white, with slight orange hue (particularly 10.0–17.0', soft, friable, weathered, decreasing with depth. Grain size 1–10 mm, finely disseminated pyrite giving a slight mottled appearance

MAGNESITE (34.5'–94.5')
white with very orange tinge particularly above 60 feet. Grain size 5–15 mm

46.0–62.0 pure white bands of coarse grained magnesite 4–6 cm thick interbedded with darker grey bands containing finely disseminated pyrite. Sometimes finely disseminated pyrite

MINERALIZATION AND STRUCTURE

GOOD ORE
34.5 – 51.0 – 17.5
61.0 – 100.0 – 39.0
150.0 – 180.0 – 30.0
201.0 – 213.0 – 12.0
226.0 – 245.0 – 19.0
117.5

- calcite coated iron stained fracture @ 20°
- calcite rich
- core pulverized
- weathered clots of pyrite
- calcite filled (1 mm) fracture @ 50° and pyrite veinlets cross cutting @ 45°
- calcite-rich core badly broken
- 2 sets of fractures, one calcite coated at 35° and one cross cutting clean fracture at 35°, both are slightly iron stain
- calcite coated fracture @ 16°
- calcite coated fracture @ 85°
- core badly broken

Graphic log footage: 10, 20, 30, 40, 50, 60

CORE RECOVERY AND ASSAY RESULTS (%)

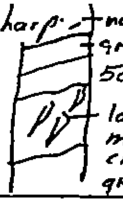
Footage blocks	Interval length	Recov'd length	Percent recovery	Sample number	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
10	60"	48"	67	8706001 (average of 3 samples)	92.0	1.71	4.59	0.54	0.96	51.32
16				8706002	96.2	1.06	2.14	0.22	0.45	52.20
	120"	108"	90	8706003	96.9	0.95	1.69	0.08	0.40	52.50
26				8706004	97.0	0.65	1.86	0.20	0.30	51.87
	120"	126"	105	8706005	93.7	0.70	4.90	0.08	0.23	51.48
36				8706006	95.8	0.65	3.35	0.05	0.17	51.59
	120"	120"	100	8706007	94.3	0.61	4.62	0.08	0.17	51.64
46				8706008	94.1	0.54	4.47	0.03	0.25	51.78
	120"	120"	100	8706009	97.3	0.87	1.92	0.04	0.84	52.03
56				8706010	96.6	0.56	2.81	0.05	0.06	51.78

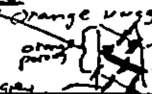
ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOVERED LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
Zones of core with slight orange tinge appear to be calcite rich			60		clean, sharp fracture @ 35°		120"	120"	100	8706011	97.8	0.61	1.76	0.04	0.04	52.05
			70			66				8706012	97.1	0.67	2.15	0.15	0.06	52.01
					Several calcite coated fractures @ 0° & 60°		120"	120"	100	8706013	96.7	0.63	2.25	0.09	0.11	52.20
					Subvertical irregular calcite filled (2mm) healed but vuggy fracture	76										
			80		pyrite bounding 0.5cm magnesite violet					8706014	96.9	0.63	2.01	0.05	0.08	52.17
					Subvertical (10°) irregular calcite filled (1-3mm) healed but vuggy fracture		120"	120"	100	8706015	98.0	0.67	1.43	0.04	0.04	52.47
					vuggy calcite filled fracture @ 25°											
					pyrite finely disseminated causing mottling at 81.5	86										
			90		violet inlets bounding magnesite					8706016	98.0	0.63	1.36	0.08	0.17	52.07
					0.5m thick calcite coated subvertical fracture		120"	120"	100	8706017	98.2	0.56	1.25	0.06	0.11	52.08
MAGNESITE (94.5-113.0) grey, mottled, increasing with depth, some localized						96										
			100		fracture @ 45°					8706018	96.8	0.81	1.46	0.21	0.45	52.09
orange colored intervals possibly indicating high calcium. Grain size 1-5mm					irregular fracture @ 35°		120"	120"	100	8706019	96.2	0.69	1.80	0.29	0.68	51.92
						106										
			110		vertical fracture @ 106ft containing 1mm film of white pasty like substance (not like Huntite) talc? greasy vitreous appearance non reactive to HCl might be ground magnesite but no sign of movement					8706020	95.8	0.76	1.13	1.10	0.64	51.16
							120"	120"	100	8706021	92.3	1.34	0.98	3.63	1.00	50.78
MAGNESITE (113.0-118.5) long bladed magnesite crystals in grey matrix transition tonite to interval below										8706022	91.0	1.29	1.40	3.43	2.31	50.43
						116										
ARGILLACEOUS (118.5-130.5) DOLOMITE			120							8706023	59.6	2.12	34.3	1.96	1.51	48.08

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'D LENGTH	PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
ARGILLACEOUS (118.5-130.5) DOLOMITE grey, hard, massive, with magnesite vienlets			120				120'	120"	100	8706024	51.9	2.82	39.0	2.41	1.64	46.75
irregular magnesit vienlets			130		125.0-127.0 core badly broken, weathered pyrite infilling fractures filled with magnesite	126				8706025	52.3	4.72	36.8	2.65	1.49	46.56
SILACEOUS MAGNESITE (130.5-150.5) grey, mottled, slight reaction to dilute HCl; highly silaceous hard; 134.5-136.0 core slightly crushed, weathered, friable appearance.			140		irregular fractures @ 20°		120"	120"	100	8706026	83.3	0.74	8.0	4.27	2.32	49.78
					calcite coated fracture @ 10°	136										
					fractures with serpentine(?) upto 5mm thick two parallel fractures @ 35°					8706027	88.1	0.77	1.16	6.32	2.66	49.8
					Silicified fracture with greenish brown soft vitreous lustre material (soapstone) 2mm thick; some iron pyrite vienlets		120"	120"	100	8706028	82.5	0.67	1.02	10.35	3.97	48.7
			150		soapstone coated fractures @ 20°	146				8706029	89.8	0.50	0.56	4.93	3.19	98.1
MAGNESITE (150.5-169.0) white fine grained (1-5mm)					Vuggy calcite vienlet 2-3mm thick contorted pyrite vienlet 0.5mm thick		120"	120"	100	8706030	91.2	0.70	1.62	3.37	2.55	50.9
			160			156				8706031	95.0	0.87	1.37	0.85	1.34	51.62
slight orange tinge					pyrite clots 1mm-5mm pyrite vienlet		120"	120"	100	8706032	97.1	0.66	1.89	0.22	0.08	52.10
					0.5mm thick pyrite vienlet	166										
			170							8706033	96.6	0.63	2.25	0.22	0.09	52.20
MAGNESITE (169.0-178.0) greyish, finegrained (1-5mm)					two fractures @ 35° & 30° striking @ 90° cross cutting horizontal pyrite vienlet		120"	120"	100	8706034	89.8	0.97	1.18	4.20	3.59	49.46
					irregular serpentine vienlet slight orange color to adjacent rock											
					serpentine vienlet irregular & pyrite clots	176										
MAGNESITE (178.0-205.5)			180							8706035	95.8	1.04	1.43	0.51	0.77	51.80

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Lithology	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	Footage Blocks	Core Recovery: Interval Length	Core Recovery: Recovered Length	Core Recovery: Percent Recovery	Sample Number	Assay Results (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
white containg several zones of high pyrite and orange iron stained porous zones, grain size 1-5mm			180		180.5'-182.5' numerous 1 mm thick pyrite coatings surrounding irregular masses of magnesite. Pyrite strongly weathered, core slightly orange		120"	120"	100	8706036	95.6	1.89	1.79	0.21	0.19	51.20
					186.0'-189.0' zone on 180.5'-181.5'	186				8706037	93.2	0.77	1.40	1.91	2.08	50.99
			190													
192.5-196.0 slight orange tinge to core					weathered disseminated pyrite		120"	120"	100	8706038	97.9	0.67	1.43	0.14	0.09	52.19
					"	196										
197.0-199.0 strong orange color vuggy porous					irregular pyrite vinlet					8706039	91.8	0.86	7.14	0.33	0.11	51.58
			200		irregular weathered pyrite vinlets and mud filled open vertical fracture											
200.5-201.5 porous, vuggy broken adjacent to fracture					5mm brown mud infilling subvertical fracture		120"	120"	100	8706040	88.5	0.93	1.23	4.82	3.55	49.51
204.0-205.0 orange hue to core					some disseminated partially weathered pyrite	206										
MAGNESITE (205.5-224.5) white fine grained (1mm-5mm)					large clots of pyrite 3-5cm in dia.					8706041	95.7	1.99	0.88	0.40	0.51	51.45
					fracture clean @ 35°											
very slightly porous and friable					subvertical fracture with pyrite disseminated pyrite, weathered		120"	120"	100	8706042	93.7	1.02	2.81	1.10	1.17	51.29
						216										
213.0-214.5 grey mottled					fresh black to gold pyrite vinlets					8706043	97.6	0.70	1.64	1.88	1.95	50.97
slight orange hue to core			220		numerous magnesite vinlets 1mm thick lined on both sides with 1mm pyrite											
					pyrite clots		120"	120"	100	8706044	97.6	0.66	1.39	0.14	0.11	52.19
					irregular pyrite vinlets											
MAGNESITE (224.5-248.0) fine to medium grained (3-7mm), fine grey mottling					7cm of waxy green soft serpentine (?)	226				8706045	43.0	0.97	1.09	0.40	0.15	51.8
			230													
					irregular clot of serpentine 2cm with 5mm clot of fresh pyrite		120"	120"	100	8706046	43.0	0.63	0.56	51.40	2.87	31.5
					irregular vien of serpentine (3-5mm)	236										
					irregular fracture @ 10°					8706047	91.8	1.03	1.32	2.25	2.45	50.8
			240		3cm irregular vinlet of serpentine 15cm of serpentine											

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG (Footage)	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
	240				120"	120"	100	8706048	86.5	1.24	11.47	0.30	0.34	51.1
				246				8706049	91.5	0.90	1.05	2.68	3.29	50.4
SILACEOUS MAGNESITE (248.0-271.0) grey salt and pepper texture thin vienlets and clots of serpentine throughout, hard	250				120"	120"	100	8706050	96.2	0.90	1.05	2.68	3.29	51.9
	260			256										
Contact sharp			261'-266' regular bands of 1-5mm viens of serpentine every 2.5cm @40°		120"	120"	100							
	1cm huntite		orange vuggy porous zone 5cm thick	266										
	270													
INTERBEDDED LIMESTONE (271.0-288.5) -AND MAGNESITE bedding on 1-2cm scale, bands of long bladed magnesite cristals decreasing with depth as bands			LOST CIRCULATION		120"	120"	100							
			banding @ 40° flattening to 50° to core axis at bottom of unit	276										
become thinner and more dolomitic. Limestone, soft, grey black, calcareous	280				120"	120"	100							
				286										
	FW													
ARGILLITE (288.5-307.0)	290													
dark grey green waxy, serpentinized, with irregularly spaced calcite-rich white vienlets 0.5-1cm thick dipping @ 45-55°					108"	108"	100							
				295										
	300		Core badly crushed & broken from drilling action											





Not SAMPLED (256–300)

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			300			302	84"	84"	100							
							48"	48"	100							
						306										
ARGILLITE (307.0-350.0)			310			310	48"	48"	100							
grey green changing to pea green with depth, soft (hardness 3-3½) waxy, irregular bands (beds?) 5-10cm thick and grey black dolomite speckled					Core breaks easily along planes @ 45°		72"	72"	100							
						316										
			320				72"	72"	100							
with white clots of magnesite occuring irregularly, but decreasing with depth						322										
							120"	120"	100	Not Sampled						
			330													
						332										
				//	thin dolomite vienlets @ 30° 50° and 60°											
						339	84"	84"	100							
			340													
						345	72"	72"	100							
			350		EOH	350	60"	60"	100							
					TD = 350'											

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-07
SHEET 1 OF 5

Location Radium B.C. | Bearing — | Northing 16875.78 | Property Mount Brassiloff | O.B. depth — FEET
Date collared SEPT 03, 1987 | Length 286.0 feet | Easting 7619.60 | Core size BQ (1½") | Logged by FDM
Date completed SEPT 04, 1987 | Dip 90° | Collar elev. 1488.3 | Scale of log approx 1" = 10' | Date SEPT 04, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Structure	Footage	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	Recov'd Length	Percent Recovery	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
					GOOD ORE NIL ASSAY RESULTS 8-75											
						8										
MAGNESITE (8.0-26.5) white, medium grained,			10				36"	18"	50							
very slight grey mottling					11.0 mud filled subvertical fracture cross cut by fracture @ 35°	11										
					13.5 mud filled subhorizontal fracture 14.5-15.0 very fine pyrite in vienlets		60	54"	96	8707001	97.3	0.67	1.11	0.30	0.30	52.40
					16.0 calcite healed fracture @ 20° 17.5 2-calcite healed fracture @ 35° 18.5 rough irregular fracture @ 20°	16										
			20							8707002	97.5	0.63	1.30	0.02	0.21	52.55
					20.0-21.0 fine grained pyrite vienlets (1-5 mm)		120"	117"	98	8707003	98.4	0.55	0.98	0.10	0.15	52.68
					26.0 minor disseminated pyrite 26.0 fracture @ 25°	26										
MAGNESITE (26.5-51.0) white, coarse grained			30		26.5-27.0 pure white band of coarse grained magnesite 29.0-30.0 minor disseminated pyrite					8707004	98.0	0.60	0.96	0.31	0.28	52.85
31.0-36.0 pure white coarse grained Magnesite					31.0 slightly iron stained fracture at 60° 33.0 minor pyrite vienlets		120"	120"	100	8707005	98.4	0.56	0.83	0.07	0.13	52.68
					34.0-35.0 pyrite vienlets 35.5-37.0 pyrite vienlets	36										
37.0-38.0 same as 31.0-36.0			40		39.0 2mm pyrite healed fracture @ 50°					8707006	97.7	0.60	1.09	0.07	0.26	52.56
					41'-46' numerous irregular fine grained pyrite vienlets		120"	120"	100	8707007	97.6	0.73	1.09	0.13	0.24	52.47
						46										
					47.5 irregular subvertical fracture 47.0-49.5 irregular fine grained pyrite vienlets					8707008	97.7	0.64	1.24	0.07	0.09	52.84
			50													
MAGNESITE (51.0-81.0) white, fine to medium grained					51.0-52.5 minor disseminated pyrite		120"	120"	100	8707009	97.1	0.69	1.68	0.22	0.06	52.61
					55.0 very minor disseminated pyrite	56										
			60							8707010	97.7	0.66	1.26	0.09	0.09	52.63

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Structure	MINERALIZATION AND STRUCTURE	Footage Blocks	Core Recovery: Interval Length	Recov'd Length	Percent Recovery	Sample Number	Assay Results (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			60		61.0 minor disseminated pyrite		120"	120"	100	8707011	98.5	0.67	0.90	0.09	0.09	52.5
					65.0 calcite coated fracture @ 35°											
					65.5 very fine grained pyrite vienlets	66										
			70							8707012	97.9	0.71	1.11	0.12	0.09	52.5
					72.0 clean subvertical irregular fracture		120"	120"	100	8707013	97.2	0.66	1.62	0.23	0.23	52.4
					72.0-76.0 minor irregular fine grained pyrite vienlets	76										
			80							8707014	93.7	0.57	4.79	0.19	0.11	52.2
					80.5 3-4mm light brown translucent calcite infilled fracture @ 40°		126"	120"	100							
MAGNESITE (81.0-120.0) white, fine grained, containing several orange, iron stained, porous, vuggy calcareous zones					81.5-84.0 numerous irregular vienlets and disseminated weathered pyrite					8707015	93.5	0.81	4.58	0.18	0.11	52.0
					84.0-85.5 1-2mm tan ankerite filled fracture @ 20° core vuggy, iron stained orange, porous 2-3cm adjacent to fracture	86										
			90							8707016	91.7	0.59	6.66	0.19	0.28	51.7
LOST CIRCULATION					2- mud filled (2cm) fractures at 20° slightly stricken @ 20° to strike		120"	120"	100	8707017	64.7	0.57	33.02	0.41	0.32	46.8
					96.5-101.5 core badly broken and rubbilized - poor core recovery	96										
			100							8707018	57.7	0.57	39.04	0.92	0.62	48.2
					96.0-108.0 mud-filled subvertical (10°?) fractures		120"	55"	4/6	8707019	56.0	0.52	41.00	0.94	0.53	47.6
						106										
			110		107.0-108.0 orange porous, subvertical parallelling but not immediately adjacent to fracture.					8707020	58.9	0.46	38.89	0.29	0.24	48.4
112.5-113.0 orange, soft, friable strongly iron stained					112.5-113.0 core crushed to sand		120"	120"	100	8707021	80.7	0.57	17.40	0.13	0.24	50.5
					114.0-116.0 slightly vuggy, iron stained pyrite vienlet @ 30°	116										
			120		116.5- irregular core break @ 35°					8707022	94.8	0.60	3.53	0.21	0.32	52.2
					119.5 minor vugs, disseminated pyrite, irregular cross cutting ankerite vien											

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
MAGNESITE (100.0'–128.0') white with light orange hue medium grained. Calcite rich.			120		121.5 vuggy orange.		120"	120"	100	8707023	95.5	0.67	2.64	0.45	0.26	51.88
					124.5 minor disseminated pyrite											
					127.0 core soft, friable, porous broken 1mm ankerite infilling on broken fracture.	126				8707024	96.4	0.66	2.26	0.23	0.08	52.22
MAGNESITE (128.0'–146.0' white to grey, lightly mottled with light orange hue throughout, medium grained. Frequent intervals of irregular fine grained pyrite vienlets. Calcite rich			130													
							120"	120"	100	8707025	96.6	0.66	2.11	0.22	0.09	52.68
						136										
			140							8707026	95.0	0.66	3.55	0.23	0.09	52.25
					142.0–143.5' Numerous fine grained pyrite vienlets		120"	120"	100	8707027	96.0	0.71	2.13	0.49	0.26	52.0
						146										
MAGNESITE (146.0–180.0) white to grey mottled, light patchy orange hue throughout most			150		150–151 minor disseminated pyrite & vienlets					8707028	96.0	0.80	2.47	0.30	0.17	51.0
of interval, coarse grained, numerous thin dark green serpentine stringers generally less than 1mm and irregular orientation					45° calcite coated fracture through 0.5cm green talc vienlets ankerite and calcite		120"	120"	100	8707029	87.4	0.71	5.45	3.45	1.35	49.78
					157.0 HUMITE mixed with crushed core	156										
					157.5–160.0 numerous irregular pyrite vienlets					8707030	91.0	0.61	3.69	2.16	1.21	51.05
			160		158.0–159.5 porous, microvuggy 159.5 calcite healed fracture @ 20°											
					161.0–164.0 3 local zones 3–10cm wide core badly broken and/or crushed, association with 4–5cm infilling of calcite cemented mud.		120"	120"	100	8707031	64.1	1.09	30.50	2.28	1.00	40.6
						166										
					167.5 – slightly iron stained calcite coated fracture @ 20°					8707032	95.0	0.61	2.59	0.90	0.49	51.32
			170													
					172.0–173.0 numerous pyrite vienlets		120"	120"	100	8707033	96.2	1.13	1.48	0.54	0.34	51.8
						176										
					176.0–176.5 " " "					8707034	95.0	0.74	3.06	0.47	0.30	51.95
			180		177.5 calcite-coated lightly iron-stained fracture @ 35°											

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
MAGNESITE (180.0 - 227.0) white with light orange staining decreasing with depth, medium to coarse grained			180		181.0 – 5cm soft friable calcareous with pyrite vein weathered.		120"	120"	100	8707035	91.5	1.13	5.74	0.36	0.23	51.62
					182.0 – 2 thin pyrite veinlets @ 35°											
					183.5-184.5 numerous pyrite veinlets	186										
					184.5-185.5 orange, vuggy, friable weathered core with 1cm ankerite infilling @ 20°					8707036	85.1	0.74	11.90	0.65	0.30	50.83
			190		187.0 3cm quartz vein @ 20° with 1-2mm ankerite veinlet coinciding with fracture											
					189.5-191.0 vuggy orange calcareous minor disseminated pyrite and veinlets		120"	120"	100	8707037	89.8	0.83	7.40	0.62	0.30	51.49
					196.0-199.0 pyrite bordering large magnesite clots	196										
			200		200.0 irregular pyrite veinlets					8707038	96.3	0.94	2.01	0.30	0.19	52.5
							120"	120"	100	8707039	97.2	0.71	1.55	0.42	0.19	52.10
						206										
			210		210.0 – pyrite disseminated and in veinlets					8707040	94.0	0.71	4.22	0.28	0.13	51.96
					211.0 -216.5 pyrite clots and veinlets and disseminated fine grains slightly weathered and friable		120"	120"	100	8707041	96.4	1.46	1.32	0.32	0.13	51.84
					216.0 rough core break @ 20°	216				8707042	96.0	1.10	2.21	0.3[illegible]	0.06	51.9[illegible]
			220		219.5-220.5 numerous pyrite veinlets											
							120"	120"	100	8707043	96.9	0.90	1.61	0.29	0.06	51.9[illegible]
					226.5 rusty limonite veinlets	226										
MAGNESITE (227.0 - 251.5) white, medium grained			230							8707044		1.33	1.16	0.22	0.06	51.63
light iron staining adjacent to some fractures					230.5 - 231.5 – first occurrence of fresh, unweathered pyrite, little fracturing		120"	120"	100	8707045	95.7	1.73	1.71	0.22	0.11	51.20
					232.0 – 233.5 Same as above	236										
			240		239.0 -239.5 as above 240.0 calcite coated fracture @ 20°					8707046	97.2	0.90	1.18	0.39	0.21	51.86

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOV'Y.	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			240	80 CA	241.0-241.5 core broken badly rusty iron staining limonite violets, calcite coating on fracture faces		120"	120"	100	870704	96.1	1.34	1.40	0.44	0.32	51.3
					241.5-246.0 siliceous pyritic limonite violets some disseminated pyrite	246										
					246.0 strongly weathered limonite violets					870704	95.7	1.54	1.34	0.86	0.57	51.2
			250		246.5-249.0 limonite violets											
MAGNESITE (251.0-267.5) fine grained, white to grey mottled				80	251.5-252.0 numerous fine grained pyrite aureoles bordering small magnesite clots		120"	120"	100	870705	86.2	1.26	1.55	5.54	4.57	47.6
254.0 8cm grey green chloritized band immediately overlying 25cm of fine grained bladed magnesite crystals. Some 1cm diameter clots of pyrite					252.5 rough rusty fracture @ 55° with irregular serpentine violet	256										
			260		256.0, 256.5, 257.0 grey waxy soft talc horizontal bands 1, 3 and 8cm thick respectively					870705	81.9	0.74	1.76	7.88	6.75	45.9
					259.0 bladed magnesite crystals slightly weathered		120"	120"	100	870705	82.3	0.83	1.60	7.79	6.27	46.2
					261.0-262.5 several chlorite bands, several irregular thicker bands containing inclusions of bladed crystals of magnesite	266										
MAGNESITE (267.5-272.0') increasing chloritized with depth, white medium grained magnesite crystals in black matrix, chloritized, waxy green stringers frequent					266.0 subvertical wispy talc infilled fracture banding horizontal to 60° to core axis					870705	72.5	0.97	1.11	15.60	7.93	
			270				120"	120"	100							
					273.0 2-3cm long bladed magnesite crystals					870705	43.8	0.74	1.14	49.60	4.42	
CHLORITIC (272.0-EOH) MAGNESITE grey black, waxy, chloritic soft bands interbedded with 1-3cm thick bands of 0.5cm bladed magnesite crystals in black chloritized matrix						276										
			280							870705	56.5	0.44	1.26	28.60	7.52	
					284.0-286.0 2-3cm white bands of magnesite in black hard siliceous matrix same inclusions as noted in magnesite		120"	120"	100	870705	35.5	0.50	10.20	44.65	8.12
					T.D. = 286.0'	286										
			290													
			300													

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HOLE NO. 87-08
SHEET 1 OF 5

Location: RADIUM B.C. | Bearing: N/A | Northing: 16802.69 | Property: MOUNT BRUSSILOF | O.B. depth: 18 FEET
Date collared: SEPT 06, 1987 | Length: 246 feet | Easting: 7652.63 | Core size: BQ (1½") | Logged by: FDM
Date completed: SEPT 07, 1987 | Dip: 90° | Collar elev.: 1471.5 | Scale of log: approx 1" = 10 FT | Date: SEPT 6-7 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'D LENGTH	PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
OVERBURDEN (0.0 – 18.0)	GOOD ORE 48.5–126.0 77.5 166.0–191.0 35.0 112.5 ASSAY RESULTS 60–105 = 45 120–165 = 45 90.											
		18										
MAGNESITE (18.0 – 23.0)	16.0–21.0 core badly broken											
white, fine grained some mud fresh to very lightly weathered	LOST CIRCULATION @ 20 FT. core badly broken		84"	84"	100	8708001	83.4	0.78	5.33	9.00	1.06	50.83
DOLOMITE (23.0 – 47.0) grey, sugary texture regular thin (1-2 mm) wavy calcite vienlets @ 40-50° every 2-5 cm. Core breaks easily along these vienlets which are occasionally iron stained	23.0 core break @ 30° 23.5–24.0 core rubbilized 28.0–29.0 core rubbilized 29.0–30.0 several mud coated (?) fractures @ 40–50°	25	108"	108"	100	NOT SAMPLED						
	32.0–33.0 core badly broken – several mud filled fractures @ 60° 34.0 rusty mud filled vertical fracture	34										
			120"	120"	100							
		44										
TRANSITION ZONE (47.0 – 48.5)	White bladed magnesite crystals in dolomitic matrix grading to grey magnesite Both upper and lower contacts sharp		120"	120"	100	8708002	95.8	1.12	1.48	0.75	0.53	51.55
MAGNESITE (48.5 – 68.0) white, fine grained	51.5 calcite coated fracture @ 20° 53.0 core broken, fracture faces rusty and calcite coated 55.0 irregular core break @ 20°	54				8708003	96.5	0.60	2.45	0.26	0.19	52.02
	56.5–57.5 8mm light grey bands every 10mm @ 70° 58.0 2mm black limestone and tan ankerite	60 @ 1150	72"	72"	100	8708004	94.2	0.53	4.81	0.16	0.09	51.90

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOVERED LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
61.0 orange stained, slightly porous, some translucent rhombs of magnesite exposed on core break			60		60.5 light grey band at 50° 62.5 irregular pyrite vienlets to blocks 63.5-64.0 3 light grey bands 2mm, 5mm, and 20mm thick @ 50° 66.0 light grey band @ 50° (Bedding?)	66	120"	120"	100	B708005	96.9	0.63	1.85	0.30	0.25	51.99
										B708006	97.4	0.63	1.51	0.26	0.08	52.25
MAGNESITE (68.0-97.0)			70													
light grey to white, medium grained					71.0 mud stained fracture @ 20° 73.0 rough core break @ 30° 75.5 fracture clean @ 60°	76	120"	120"	100	B708007	98.0	0.63	1.04	0.12	0.06	52.14
			80							B708008	97.7	0.66	1.33	0.16	0.06	52.18
					85.0 fracture clean rough @ 35°	86	120"	120"	100	B708009	97.8	0.61	1.19	0.12	0.08	52.1
			90		87.0 clean fracture @ 50° 89.0 calcite healed fracture @ 30°					B708010	98.0	0.61	0.95	0.13	0.08	52.18
					94.0 irregular pyrite vienlets 95.5-96.0 several core breaks @ 30°-45°	96	120"	120"	100	B708011	97.8	0.64	0.95	0.33	0.26	52.19
MAGNESITE (97.0-163.5 white, coarse grained, occasional pyrite vienlets			100		98.0-100.0 irregular black massive pyrite vienlets					B708012	98.5	0.54	0.77	0.15	0.08	52.1
					101.0-101.5 slight orange stained with clot of pyrite 101.5-102.5 light grey banding @ 70° and irregular pyrite vienlets thru 103.5 irregular pyrite vienlet	106	120"	120"	100	B708013	98.4	0.57	0.88	2.05	0.17	52.1
108.0-124.0 very light orange hue to core			110		107.5 rusty very porous and vuggy 108.0 fracture is filled with black infilling calcareous mud coated @ 10°					B708014	93.0	0.55	5.60	0.16	0.21	57.7
					110.0-111.5 irregular black pyrite vienlets 112.0 irregular pyrite vienlets 113.0 " " " " 114.0 " " " " 115-116.0 minor pyrite vienlets	116	120"	120"	100	B708015	98.0	0.66	1.18	0.12	0.09	52.3
			120		119.0 5mm mud infilling fracture @ 20° walls iron stained orange with adjacent pyrite vienlets					B708016	94.9	0.69	3.39	0.43	0.19	51.5

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG – Footage	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY – Interval Length	CORE RECOVERY – Recov'd Length	CORE RECOVERY – Percent Recov'ry	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
	120			120"	120"	100	8708017	96.9	0.62	1.89	0.33	0.15	51.9…
	130	120.0-129.0 Numerous pyrite vienlets bordering clots of magnesite. NOTE large nodule of strongly weathered pyrite (1cm in diameter)	126				8708018	97.1	0.74	1.32	0.23	0.32	51.87…
133.0 numerous clear grains		133.0 core broken along stained healed fractures @ 10°; 133.0-136.0 core badly broken sand size particles in places. 1.5 CM VERY WEATHERED PYRITE GRAIN IN BROKEN CORE		120"	114	95	8708019	98.5	0.62	0.87	0.13	0.11	52.2…
138.0 rusty, subvertical iron-filled fracture	140	136.0 Thin magnesite vien @ 50° bordered by pyrite; 136.0-144.0 Numerous pyrite vienlets and clots	136				8708020	97.2	1.65	0.70	0.15	0.08	51.50…
		of magnesite surrounded by pyrite; 142.5 healed irregular fracture @ 25°		120"	120"	100	8708021	97.1	1.07	1.18	0.40	0.13	51.6…
	150	146.5-148.0 irregular pyrite vienlets; 148.0 fracture @ 20°	146				8708022	96.7	0.67	1.41	0.61	0.26	51.8…
		151.5-153.0 irregular pyrite vienlets		120"	120"	100	8708023	97.4	0.50	1.05	0.48	0.19	52.2…
158.5-161.0 grey, fine grained	160	156.5-158.0 minor	156				8708024	97.7	0.51	1.27	0.25	0.11	52.3…
		160.5-162.5 subvertical fracture		120"	120"	100	8708025	96.8	0.49	2.05	0.41	0.15	51.5…
MAGNESITE (163.5-187.0) fine to very fine grained; white	170	163.5 irregular core break at 20°; 163.5-166.0 irregular black pyrite vienlets; 168.0 lightly iron stained fracture @ 20°	166				8708026	97.7	0.61	1.19	0.47	0.13	52.1…
		171.0 fracture @ 20°; 174.0 two-parallel fractures @ 10° coated with white pastey substance, unreactive		120"	120"	100	8708027	95.8	0.50	1.32	1.73	0.45	51.6…
	180	175.0-179.0 several fractures @ 35° & 45°	176				8708028	74.0	0.50	1.39	2.79	6.85	51.13…

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			180		180.0-181.0 grey irregular banding 184.0 white pastey-like coating on fracture @ 20° and associated with black Pyrite vienlets		120"	120"	100	8708029	93.7	0.50	1.29	3.35	0.76	51.10
MAGNESITE (187.0-203.0) white to grey, translucent, coarse grained			190		189.0 black pyrite(?) vienlets 190.0 " " (?)	186				8708030	88.7	0.60	1.14	7.87	0.70	49.29
			200		191.0 several closely spaced clean fractures @ 150-20° 194.5 2-3cm lighter green silaceous serpentine(?) vienlets 195.0-196.0 two thin serpentine vienlets @ 15° and 20° 198.0 4cm soft green serpentine with angular magnesite inclusions	196	120"	110"	100	8708031	89.0	0.54	1.32	7.52	0.81	49.76
SILACEOUS MAGNESITE (203.0-219.0) Bladed magnesite crystals in 2-3cm long in grey fine grained silaceous matrix (chloritized?)					198.5 core break along 0.5cm serpentine band		120"	120"	100	8708033	76.4	0.71	2.58	14.66	4.89	44.42
204.0 coarse grained bladed magnesite crystals in chloritized matrix			210		204.5-205.5 30cm green soft serpentine 207.0 5cm hard white silaceous band 207.0-208.0 badly broken ground to coarse band - fresh 208.0 irregular soft dark green vienlet 5cm thick	206				8708034	67.7	0.56	3.00	18.15	9.64	38.43
TRANSITION			FW		211.0-212.0 3-4cm grey angular blocks in white magnesite matrix	216	120"	120"	100	8708035	73.3	0.93	11.0	11.07	2.95	45.97
DOLOMITE			220							8708036	68.0	1.73	7.6	16.68	5.16	42.39
grey, fine grained, sugary texture, alternating 2-3cm thick grey and 2-3mm black horizontal bands			230			226	120"	120"	100	Not SAMPLED						
Grey bedding changing to black bands and grey bands 1cm thick			240		231.0-232.0 partially rust-stained subvertical fracture	236	120"	120"	100							

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ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
						246	120"	120"	100	NOT SAMPLED						
			250		TD = 246 FEET											

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HOLE NO. [illegible]
SHEET 1 OF 3

Location: RADIUM B.C. | Bearing: — | Northing: 16761.34 | Property: MOUNT BROSSEAU | O.B. depth: 0 feet
Drill collared: SEPT 1, 1987 | Length: 171 feet | Easting: 7687.29 | Core size: BQ (1½") | Logged by: I-DM
Date completed: SEPT 2, 1987 | Dip: 90° | Collar elev: 1472.2 | Scale of log: approx 1" = 10' | Date: SEPT 2, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Specimen	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Internal Length	Recov'd Length	Percent Recovery	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
OVERBURDEN (0.0 - 20.0)			0													
			10													
			20													
MAGNESITE (20.0 - 58.0) white, coarse to medium grained.					20.5-21.5 core badly crushed, mixed with some mud		72"	72"	100	8709001	96.8	0.92	1.34	0.14	0.34	51.83
					24.0 mud filled fractures @ 60° and 2-3mm weathered pyrite vienlets	26										
					27.0 1cm irregular magnesite vienlet bordered by 1-2mm weathered pyrite		-			8709002	97.4	0.89	1.06	0.07	0.15	52.06
			30		29' strongly weathered pyrite surrounding magnesite clot		120"	120"	100	8709003	97.5	0.71	1.09	0.07	0.19	52.34
					33.0-33.5 rough fracture @ 15°											
					36.0' rough fracture @ 20°	36				8709004	97.2	0.69	1.18	0.45	0.15	52.26
			40		39.5-41.0 numerous thin pyrite vienlets surrounding irregular magnesite masses		120"	120"	100	8709005	97.7	0.71	1.06	0.20	0.15	52.20
					43.0 rusty irregular pyrite											
					46.0 slightly yellowish subvertical fracture	47										
46.0-52.5 slightly weathered iron stained core becoming intensely weathered and friable with limonite vienlets @ 48.0-48.5					LOST CIRCULATION					8709006	96.9	1.11	1.18	0.29	0.26	51.88
			50		49.0 slightly rust stained fracture @ 20°											
51.0 core moderately weathered					50.5" subvertical slightly iron stained fracture		120"	120"	100	8709007	96.1	0.63	2.27	0.26	0.53	51.84
					54.5-55.5 3-0.5cm thick magnesite vienlets bordered by weathered pyrite	56										
					57.0-58.0 3. thin weathered pyrite vienlets.					8709008	97.2	0.71	1.29	0.16	0.23	51.95
MAGNESITE (58.0 - 82.0) fine to medium grained.			60													

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Lithology	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOV'D PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
light grey mottling, numerous irregular thin pyrite veinlets throughout, fine grained			60		60.5 clean sharp fracture @ 35° 61.6 slightly calcite coated fracture @ 30° 60.5-61.5 thin pyrite veinlet subvertical 62.0 thin pyrite veinlet @ 20° 64 to 66.0 thin sharp healed, minor calcite fractures @ 30° 67.0 fractures fluid white unreactive coating @ 20°	66	120"	120"	100	B709009	97.1	0.57	1.51	0.34	0.38	51.70
			70							B709010	97.2	0.51	1.20	0.47	0.45	51.83
					71.0 calcite coated slightly iron stained fracture @ 35°		120"	120"	100	B709011	96.8	0.54	1.26	0.18	0.26	52.16
78.5-79 core slightly weathered (yellowish)			80		76.0 white pasty like material in horizontal fracture 78.5 calcite coated slightly iron stained fracture @ 35°	76				B709012	96.6	0.60	1.99	0.34	0.49	52.01
MAGNESITE (82.0-91.0) white, fine grained					82.0 core break @ 20°, sharp 85.0 healed fracture @ 20° 88.5 white hard unreactive coating on 20° fracture	86	120"	120"	100	B709013	96.3	0.51	1.57	0.54	0.79	51.60
			90							B709014	95.1	0.49	1.29	1.63	0.91	51.60
MAGNESITE (91.0-103.5) light grey, fine grained, becoming very finely mottled below 96.0'					93.0 very minor pyrite veinlets	96	120"	120"	100	B709015	93.6	0.57	1.18	2.73	1.28	51.06
			100							B709016	95.6	0.54	1.32	1.13	0.98	51.7
					103.0'		120"	120"	100	B709017	97.0	0.51	1.23	055	0.45	51.8
MAGNESITE (103.5-116.5) white, fine grained					Subvertical fracture	106										
			110		108.5 clean sharp fracture @ 20°					B709018	97.0	0.43	1.40	0.48	0.45	52.0
					113.5 healed fracture @ 20°		120"	120"	100	B709019	97.0	0.43	1.18	0.59	0.53	51.8
					114.5 6cm thick calcite band	116										
MAGNESITE (116.5-144.5) grey mottled, medium grained increasing to coarse grained with depth, calcareous			120		116.0 4cm thick quartz rich band. 120.0 irregular contorted serpentine banded.					B709020	95.3	0.49	0.89	1.89	2.26	50.9

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HOLE NO.

SHEET 3 OF 3

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
Upper contact consists of 1-2cm band of a siliceous serpentine Joint faces are hard and siliceous 4 cm serpentine vein + cross cuts fracture			120 130		124.0 Striated fracture @ 25° through 1cm qtz. vein, striations @ 25° to strike direction. 126.6 core broken, remenant of a fracture with striated surface 128.5-129.0 minor thin (1-5mm) serpentine veinlets appear to be associated with white to pink quartz veins - very hard	126	120"	120"	100	B709021 B709022	93.4 91.3	0.4 0.46	0.76 0.78	2.37 4.97	2.46 1.97	50.9 49.3
130-138 bladed magnesite crystals 1-2cm in length. (usually indicates footwall is near			140		136.5-138.5 Minor thin serpentine veinlets in association with white to pink quartz.	136	120"	120"	100	B709023 B709024	92.9 95.6	0.63 1.09	0.92 1.20	3.72 0.70	1.17 1.21	50.1 50.8
LIMESTONE (145-162.5) grey with white veinlets increasing with depth below 149.0', bedding wavy and irregular. 1mm thick translucent calcite veinlets common Upper contact relatively sharp			FW 150 160		146.5-147.5 FAULT ZONE? rock brecciated. 30cm of white paste like material Rods struck HERE 150.0 subvertical fracture cross cutting fracture @ 35° fractures are serpentinized hard slightly rusty	146 15 161	120" 60" 120"	120" 60" 120"	100 100 100	B709025	96.1	0.60	1.26	1.20	0.57	51.6
SHALEY LIMESTONE (162.5-EOH) soft, dark grey with black calcareous irregular shale interbeds less than 1cm thick. Upper contact somewhat gradational			170		bedding at 45°	171	120"	120"	100							
			180		T.D. - 171 feet											

Not Sampled

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Location [illegible]ium B.C.	Bearing n/l	Northing 1692.[illegible]7 m	Property Mount Brussilof	O.B. depth 10.[illegible]	
Date collared August 31, 1987	Length 382	Easting 7520.63 m	Core size BQ (1½")	Logged by FDM	
Date completed Sept 1, 1987	Dip 90°	Collar elev. 1460.1 m amsl	Scale of log approx 1" = 1'	Date August 31, 1987-Se[illegible]	

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG (Footage)	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	Recov'd Length	Percent Recov'd	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
OVERBURDEN (0.0-10.0)	10	GOOD ORE: 26-50 24; 80-96 16; 141-182 41; 209-346 137; total 217	10										
MAGNESITE (10.0-23.0) yellowish white, lightly weathered, medium grained (5mm) numerous finely disseminated black pyrite [illegible] throughout		10.0-12.0 friable, iron-stained and calcite-filled fractures		72"	72"	100	8710001	97.3	0.71	1.74	0.06	0.11	52.65
	20	18.5' 1cm mud filled fracture @ 10°	16				8710002	97.6	0.71	1.32	0.03	0.19	52.07
		20'-21' 0.5cm mud filled fracture @ 10°		120"	120"	100	8710003	89.4	0.77	8.95	0.02	0.45	51.10
MAGNESITE (23.0-54.5) white, slight grey mottling, medium grained (0.5-1.0cm)	30		26				8710004	86.8	0.69	11.47	0.11	0.49	50.60
				120"	120"	100	8710005	96.0	0.69	2.35	0.02	0.23	51.60
	40		36				8710006	97.5	0.57	1.68	0.02	0.15	52.05
		42.0 irregular mud-infilled calcite coated fracture @ approximately 10°		120"	120"	100	8710007	97.5	0.63	1.46	0.05	0.15	52.09
	50		46				8710008	96.8	0.63	1.60	0.04	0.53	51.72
				120"	120"	100	8710009	97.1	0.57	1.20	0.03	0.79	51.69
MAGNESITE (54.5-61.0) white, medium grained, [illegible] numerous black iron pyrite veinlets and finely disseminated pyrite throughout	60		56				8710010	97.3	0.87	0.85	0.41	0.17	51.71

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HOLE NO. 87-10

SHEET 2 OF 7

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: MATERIAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			60													
MAGNESITE (61.0-83.5) white, medium grained (0.5-1.0cm) numerous Pyrite vienlets and several porous, vuggy iron-stained intervals representing					63'-65' soft friable slightly iron stained subvertical fracture containing mud (calcite-rich) 67' mud (calcite rich) filled fracture @ 25°	66				8710011	95.9	1.07	2.13	0.34	0.09	51.51
										8710012	96.0	0.89	2.20	0.47	0.09	51.62
WATER CONDUITS					70.0-72.5 friable, soft, vuggy, porous rusty, iron stained calcite-rich zone, parallel to sub vertical fracture		120"	120"	100	8710013	96.0	0.74	2.60	0.36	0.08	51.43
			80		73.5 rusty calcite coated fracture @ 20°	76				8710014	82.1	0.73	15.50	0.79	0.28	50.12
					5cm rusty orange iron stained zone coinciding with break @ 45°		120"	120"	100	8710015	97.4	1.06	1.25	0.30	0.06	51.89
MAGNESITE (83.5-116.0) white, coarse grained (1-3cm) locally calcareous below 96.0 feet, pyrite vienlets					83.5-85.5 grey, mottled 84.5 fine parallel clean fractures @ 28° 86.0 irregular pyrite vienlet @ 35° 86.5 thin healed iron stained calcite coated fracture @ 35°	36				8710016	97.5	0.60	1.40	0.28	0.08	51.88
			90													
every 30 cm, moderately weathered pyrite, some iron staining					91.0-92.5 fine pyrite vienlets @ 55° spaced @ 5cm, two magnesite vienlets bordered by pyrite	96	120"	120"	100	8710017	97.3	0.66	1.65	0.28	0.06	51.81
										8710018	97.7	0.49	1.46	0.28	0.08	51.69
			100													
							120"	120"	10	8710019	96.5	0.59	2.16	0.30	0.06	51.80
						106										
			110							8710020	94.9	0.71	3.50	0.28	0.08	51.99
					115.0 slightly rusty calcite-coated fracture @ 10° -116.0		120"	120"	100	8710021	96.0	0.79	2.40	0.32	0.08	51.67
						266										
MAGNESITE (116.0-182.0) light greyish white, medium to coarse grained (continued)			120							8710022	96.4	0.93	2.1	0.23	0.06	51.80

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
Greyish colored from finely disseminated pyrite, very minor visible disseminated pyrite			120	CS			120"	120"	100	8710023	96.2	0.87	2.20	0.39	0.08	51.8
			130	CS		126				8710024	96.9	1.10	1.29	0.34	0.08	51.7
				V	134.0 - 134.0 pyrite vienlets, iron staining		120"	120"	100	8710025	97.1	0.96	1.33	0.25	0.09	51.6
				MAG	135.0 - 137.0 pyrite bounding irregular masses of magnesite	136				8710026	96.9	0.67	1.60	0.24	0.15	52.2
			140	V	139.5' irregular pyrite vienlets											
				V	143.5 irregular magnesite vienlet bounded by pyrite	126	120"	120"	100	8710027	97.0	0.84	1.47	0.15	0.11	52.0
					8cm grey band of finely disseminated pyrite	136				8710028	94.6	0.74	4.06	0.14	0.11	51.5
			150	V	149.5 irregular magnesite vienlet bordered by pyrite											
				S	156-57 irregular pyrite vienlet		120"	120"	100	8710029	97.1	0.74	1.55	0.24	0.15	51.7
					158.5 rusty slightly calcitic break	156				8710030	96.4	6.87	2.06	6.22	0.17	51.7
			160													
				V	164.5 irregular clean fracture @ 35°		120"	120"	100	8710031	97.0	0.93	1.29	0.13	0.11	51.7
				V	165.0 irregular pyrite vienlets	166				8710032	97.9	0.77	1.19	0.15	0.09	51.9
			170	V	167 irregular calcite coated fracture @ 50°											
				V	171.0 - irregular pyrite vienlet		120"	120"	100	8710033	95.8	6.79	2.49	0.26	0.17	51.8
				V	172.5 " " " @ 50°											
				V	173.0 " " "	176										
			180		177.5 irregular core break @ 35°					8710034	97.4	0.89	1.16	0.19	0.11	51.7

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			180									all previous page				
MAGNESITE (182.0 - 209.0) grey, mottled, medium to coarse grained, some visible disseminated clots of pyrite			190		185.5 rusty partially calcite-coated fracture @ 10°	186	120"	120"	100	8710035	96.9	0.93	1.68	0.23	0.11	51.82
										8710036	95.0	1.40	2.35	0.26	0.17	51.4
							120"	120"	100	8710037	97.2	1.10	1.11	0.30	0.28	51.5
			200		198.0 clean rough fracture @ 10°	196				8710038	95.8	1.02	1.04	0.95	0.79	51.25
							120"	120"	100	8710039	96.6	0.86	0.84	1.20	0.99	51.17
						206				8710040	94.9	0.77	0.77	1.83	1.38	51.12
MAGNESITE (209.0 - 223.0)			210													
white, fine grained, minor disseminated fresh pyrite (1-3mm)							120"	120"	100	8710041	96.8	1.22	0.57	0.62	0.53	51.32
						216				8710042	98.3	0.89	0.69	0.21	0.08	51.75
			220													
					221.5 and 222.5 irregular pyrite veinlets		120"	120"	100'	8710043	97.4	0.86	1.16	0.18	0.09	51.68
MAGNESITE (223.0 - 245.5) white with frequent orangey pink to salmon colored calcareous(?) intervals, very					225.5 several calcite filled healed fractures @ 35°	226										
			230		227.0 + 227.5 two parallel core breaks @ 40°					8710044	98.0	1.00	0.78	0.45	0.15	51.52
*minor disseminated weathered pyrite throughout.					230.5 partially soft and friable along irregular breaks		120"	120"	100'	8710045	97.1	0.59	0.83	0.30	0.10	52.0
					231.0 - 233.5 irregular pyrite veinlets and clots 1mm - 5mm	236										
			240							8710046	96.0	1.06	0.59	0.62	0.47	51.62

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	CORE RECOVERY: Recov'd Length	CORE RECOVERY: Percent Recovery	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			240	P/F	240'-243' pyrite bounding magnesite masses, 2-3cm thick, 2 parallel breaks @ 35°		120"	120"	100'	8710047	96.0	0.73	0.98	1.05	0.81	51.52
MAGNESITE (245.5-294.5') white, fine to medium grained (0.2-1.0cm)			250		246.0 fracture @ 45° 247.0 disseminated pyrite (1-2mm)	246				8710048	96.3	1.12	0.71	0.90	0.72	51.37
					251.0 clot of pyrite		120"	120"	100'	8710049	97.7	0.63	0.59	0.43	0.38	51.92
257.0-258.5 grey mottled (disseminated pyrite)			260		256' 2mm clots of pyrite 257.5' irregular pyrite stringer 258.5 "	256				8710050	98.5	0.59	0.63	0.21	0.09	52.21
							120"	120"	100'	8710051	98.5	0.81	0.63	0.14	0.09	52.03
			270			266				8710052	98.5	0.60	0.62	0.13	0.13	51.92 dft
					276.0 fresh pyrite clots 2-10 mm		120"	120"	100'	8710053	96.0	0.64	0.76	0.20	0.24	52.23
			280			276				8710054	98.0	0.61	0.59	0.29	0.23	52.03
					281.5' irregular fresh pyrite stringers 284.0' irregular fresh pyrite stringers		120"	120"	100'	8710055	97.8	0.70	0.70	0.35	0.32	51.91
			290			286				8710056	97.7	0.92	0.60	0.23	0.28	51.84
							120"	120"	100'	8710057	96.9	0.64	1.69	0.18	0.21	52.03 ?
MAGNESITE (294.5-346.0) light grey, fine to medium grained increasing to coarse grained bottom where color is darkening			300		296.0 minor disseminated fresh pyrite 299.0-301.0 numerous irregular pyrite stringers	296				8710058	97.5	0.76	0.78	0.42	0.32	51.87

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			300				120"	120"	100	8710059	97.6	0.79	0.54	0.41	0.30	51.76
						306										
			310							8710060	97.8	0.79	0.64	0.50	0.42	51.57
					310.5-311.6 numerous fresh pyrite vienlets		120"	120"	100	8710061	97.2	0.97	0.57	0.52	0.43	51.4
					311.5-314.0 occasional fresh pyrite vienlets												
					315-316 numerous fresh pyrite vienlets	316												
			320		319.0 yellowish film, slight reaction to dilute HCl on fracture in association with pyrite vienlets					8710062	96.7	1.34	1.08	0.28	0.28	51.3
					326.0 irregular clean vertical fracture		120"	120"	100	8710063	97.5	0.69	1.06	0.22	0.23	51.6
						326										
			330							8710064	96.9	0.73	0.49	0.78	0.62	51.47
326.0-327.0 35 cm of dark green waxy soft serpentine							120"	120"	100	8710065	86.6	0.51	0.38	7.27	4.19	47.5
						336										
			340				96"	96"	100	8710066	93.4	0.77	0.52	3.33	1.42	50.7
340.0-341.0 2-4mm irregular serpentine vienlet						344				8710067	95.6	0.61	0.56	1.30	1.17	50.9
MAGNESITE (346.0-354.5 1-3mm bladed magnesite							120"	120"	100	8710068	92.3	0.71	0.94	2.76	2.51	49.91
			350													
crystals in 10% matrix of grey waxy serpentine TRANSITION ZONE.																
			FW			354				8710069	86.4	0.96	1.11	6.98	4.10	47.96
DOLOMITE (354.5-374.0) grey, salt and pepper texture fine grained with frequent black wavy, argillaceous stringers (1-2mm thick)										Not sampled						
			360				120"	120"	100							

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-10
SHEET 7 OF 7

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	CORE RECOVERY: Recov'd Length	CORE RECOVERY: Percent Recov'y	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
becoming increasing arg. laminae and finer grained with depth. Also contains white irregular, lenticular stringers			360		Bedding @ 45° to 60°	364				Sampled						
					364.0 - 366.0 slightly rusty very irregular subvertical fracture											
			370		365.0 1cm thick veinlets of magnesite		120"	120"	100							
						374				Not						
ARGILLITE (374.0 - EOH) black, calcareous, hard, aphanitic					377.0 - 378.0 thinly bedded @ 45° core like potato chips											
			380		Bedding @ 45° - 50°		96"	56"	100							
					EOH	382										
					TD = 382 feet											

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HOLE NO. 87-11.
SHEET 1 OF 6

Location [illegible]IUM B.C.	Bearing Nil	Northing 16,[illegible]0.47 m	Property MOUNT BRUSSILOF
Date collared SEPT 09, 1987	Length 346 feet	Easting 7,550.45 m	Core size BQ (1½")
Date completed SEPT 10, 1987	Dip 90°	Collar elev. 1457.8 m amsl	Scale of log approx. 1" = 10'
O.B. depth [illegible] FEET	Logged by FDM	Date SEPT 10, 1987	

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION

OVERBURDEN (0-12')

MAGNESITE (12.0-29.0)
white with frequent cream colored grains (calcite ?) moderately weathered and friable, decreasing with depth fine grained. CPR red irregular veinlets (pyrite?). common locally within the core. minor disseminated pyrite generally 0.1 mm but up to 0.1 mm in size

MAGNESITE (29.0 - 55.0)
medium to coarse.. white grains in creamy light brown matrix (calcitic disseminated fine (generally less than 1mm) pyrite in minor quantities throughout black apperance due to weathering

MAGNESITE (55.0 - 61.5)
white. medium grained

Footage: 10, 20, 30, 40, 50, 60

MINERALIZATION AND STRUCTURE

GOOD ORE

55-61.5	6.5	106.5
89.0-104.0	15.5	
183.0-201.5	18.5	
238.0-304	66.0	

12-29 high calcium
29-55 high iron
61.5-89.0 high iron
164.5-167.5 high iron and silica

13.0 irregular fracture @ 20°
12.0-14.0 irregular black veinlets consisting of finely disseminated CPR red particles adjacent core is white (pyr
15.0 2cm of mud on horizontal break
16.5-18.5 Core broken into 2cm-8cm pieces, very friable, orange, rusty calcite coated fractures @ 35°

21.0 Calcite coated fractures @ 35°-40°
23.0 CPR red irregular veinlets
25.0 calcite coated fractures @ 25° lightly rust stained.
25.0-26.5 faint irregular CPR red veinlets
27.0-28.0 Strong " " "
27.5-29.5 Core badly broken Friable to 28.5

30.0 core break 55°
32.0 1cm thick rusty orange porous calcareous zone adjacent to fracture @ 25°
37.0 fracture @ 35°
39.5-40.5 black irregular veinlets
41.0 0.5cm clots of weathered pyrite
42.0 core break at 40°
44.5-45.0 black irregular veinlets and mud coated fracture @ 40°
47.5 6.5 cm clots of pyrite (weathered
48.0 sharp clean fracture @ 25°
51.0-53.5 orange, vuggy, porous - calcareous
54.5 sharp lightly iron stained fracture @ 25°
56.0-56.5 mottling and grey bands

CORE RECOVERY AND ASSAY RESULTS (%)

Footage Blocks	Interval Length	Recov'd Length	Percent Recovery	Sample Number	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
12–16 (t?)	48"	48"	100	8711001	94.6	0.83	2.39	1.12	0.65	51.80
				8711002	95.8	0.89	2.06	0.62	0.34	50.21
	120"	108"	90	8711003	94.3	1.14	3.40	0.42	0.11	50.44
26				8711004	96.7	1.00	1.71	0.20	0.06	51.41
	120"	120"	100	8711005	95.0	0.8[illegible]	2.91	0.20	0.04	50.28
36				8711006	95.8	0.77	3.35	0.35	0.04	49.99
	120"	120"	100	8711007	96.0	0.84	2.11	0.28	0.04	50.57
46				8711008	96.0	0.76	2.16	0.2[illegible]	0.06	51.04
	126"	120"	100	8711009	95.5	0.74	3.08	0.31	0.09	51.38
56				8711010	97.4	0.64	1.62	0.25	0.06	51.18

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
												see previous page				
MAGNESITE (61.5 – 89.0) Medium grained, white with frequent black irregular bands or vienlets and dark crystals containing fine grained disseminated pyrite clots of fresh pyrite to 0.5cm common throughout section as is minor disseminate fine grained pyrite. No fractures although there is several core breaks (horizontal)			60				120"	120"	100							
						66				8711011	96.4	0.77	1.89	0.21	0.06	51.44
			70							8711012	97.1	0.89	1.52	0.28	0.06	51.73
					73.5 10cm wide rusty vuggy porous calcareous zone		120"	120"	100							
						76				8711013	94.5	1.20	3.01	0.29	0.04	51.29
			80							8711014	93.1	1.12	4.92	0.23	0.06	51.06
					81.0 light orange slightly calareous 3cm		120"	120"	100							
					87.0 fracture clean @ 38°					8711015	96.1	1.57	1.97	0.14	0.06	51.02
					86.0 subvertical healed fracture lightly iron stained	86										
			90							8711016	97.2	1.03	1.30	0.26	0.06	51.87
MAGNESITE (89.0 – 104.5) white, medium grained minor dark grey grains					90.0 rough irregular rusty calcite-coated healed fractures at 10° cross cutting, also small black dust, growing in dendritic like growth pattern through out core		120"	120"	100							
					94.0 closely spaced fractures @ 55°					8711017	97.4	0.92	2.15	0.26	0.17	51.65
					96.0 high pyrite	96										
					96.0 a 1.0" rusty hairline calcite filled fractures @ 35° with adjacent stockwork of same					8711018	96.2	0.93	2.38	0.30	0.21	51.71
			100		99.0 thin light grey bands @ 50°											
					100.0 – 101.5 numerous, irregular pyrite vienlets		120"	120"	100							
					101.5 10cm orange vuggy porous zone					8711019	94.9	1.00	4.80	0.28	0.09	51.52
MAGNESITE (104.5 – 167.0) light grey medium grained with frequent dark grey grains,						106										
					106.0 – 107.0 thick clots and vienlets of pyrite					8711020	96.2	1.16	2.41	0.44	0.23	51.18
			110													
irregular aureoles around white magnesite masses or thin magnesite vienlets. The darker material where exposed at core breaks appears very hard and has no reaction to dilute HCl even when pulverized. May be silica rich!"							120"	120"	100							
						116				8711021	95.6	1.03	2.86	2.36	0.26	51.57
			120		118.0 rusty calcite healed fracture @ 20°					8711022	95.6	0.96	2.82	0.33	0.25	51.63

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: FOOTAGE	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
Fine pyrite is associated with black grains and vienlets. Pyrite is in varying concentrations. Unit appears to have very few fractures	120	120.0 large clot of massive magnesite bordered by Pyrite and grey matrix		120"	120"	100	8711023	95.4	0.83	3.00	0.62	0.30	51.77
	130		126				8711024	93.7	1.03	3.64	0.73	0.55	51.00
		~~131.0 Sharp calcite coated rusty fracture~~ 132.5 fine hairline rusty calcite heal fracture 133.5 fracture @ 40° some rust staining 134-135 rusty calcite healed fracture		120"	120"	100	8711025	94.2	2.13	2.35	0.30	0.23	50.41
	140	137 Core break along black vienlet material hardened pyrite bearing 138.5 irregular subvertical rusty calcite healed fracture -	136				8711026	95.2	1.57	2.72	0.17	0.15	51.03
				120"	120"	100	8711027	95.5	1.10	2.60	0.62	0.26	51.37
	150		146				8711028	95.7	1.44	1.51	0.64	0.28	51.55
		151.5-152.5 strongly weathered friable zone, limonitic		120"	120"	100	8711029	94.2	1.79	2.19	0.88	0.30	51.18
	160		156				8711030	94.5	1.80	1.85	0.75	0.68	51.15
		160.5-161.5 numerous CPRred weathered pyrite viens - rock strongly weathered 162.0 - 10cm rusty, vuggy, porous associated with 3mm subvertical calcite vien		120"	120"	100	8711031	93.5	1.89	3.01	0.64	0.59	51.02
			166										
MAGNESITE (167.5 - 183.0	170	169.0-171.0 irregular rusty calcite coated subvertical fracture					8711032	93.8	1.43	2.04	0.97	1.17	51.27
fine grained, white with light orange hue, grey black vienlets with disseminated pyrite weathered to dark brownish red, locally friable zones with appearance of rehealed breccia. Unit appears weathered along bands		171 Two fractures cross cutting at 30° & 35° lower 35° one is rusty and calcite coated. 171.5 partly calcite coated fracture @15°		120"	120"	100	8711033	94.0	1.74	2.10	0.71	0.91	51.55
	180		176				8711034	91.3	1.84	5.07	0.55	0.47	51.30

Good exposure of black vienlets

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: FOOTAGE	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERNAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LO
	180	181.0–183.0 strongly weathered friable core, cross cut by rusty		120"	120"	100	8711035	90.9	0.80	4.43	1.51	1.70	51.
MAGNESITE (183.0–197.5) light grey, mottled, medium		thin calcite vienlets black vienlets weathered but core not strongly iron stained. 184.0 weathered pyrite vienlets bounding thin magnesite vienlets	186				8711036	92.0	1.26	1.88	2.20	2.10	50.
	190	189.0–190. as above											
		193.0–193.5 weathered pyrite vienlets 194.5 two fractures striking @ 90° dipping at 45 & 50° 194.5–195.5 large clot (1–2cm) of pyrite strongly weathered to limonite		120"	120"	100	8711037	93.6	1.30	1.10	1.79	1.68	51.
MAGNESITE (197.5–201.5) very fine grained, light greenish(?) hue, hard, well fractured	200	and pyrite vienlets	196				8711038	94.5	1.07	1.16	1.48	1.23	51.
MAGNESITE (201.5–236.0) light grey, fine grained occasional pyrite vienlets surrounding magnesite clots		200–201 – core badly broken along rusty subvertical calcite coated fracture and pyrite vienlet 201.5 2-calcite coated rust stained fractures @ 30° 202.0 clean sharp fracture @ 25°		120"	120"	100	8711039	95.5	1.04	1.23	0.97	0.91	51.
	210	206.0 healed clean fracture @ 10° 207.0 disseminated pyrite 1mm 210.0 calcite coated fracture	206				8711040	96.3	1.10	1.10	0.63	0.23	51.
213.5 slightly weathered core rusty pyrite vienlet		@ 20° rust stained by cross cutting pyrite vienet. 211.0 pyrite fresh surrounding magnesite clot 212.0 2-core breaks (sharp) @ 65°		120"	120"	100	8711041	95.9	1.63	1.15	0.72	0.34	51.
	220	215.0–217.0 pyrite (fresh) surrounding clots of magnesite	216				8711042	95.2	1.94	1.13	0.94	0.38	51.
		221.5 pyrite vienlets 223.5 vertical, lightly-stained fracture.		120"	120"	100	8711043	97.0	1.22	1.11	0.42	0.19	51.
	230	225.5–236.5 rusty pyrite vienlets around magnesite clots spaced at 5–10cm	226				8711044	97.0	1.34	1.11	0.26	0.23	51.
		233.5 core break @ 60° 234.5 several breaks striking perpendicular to above fracture dipping @ 45°		120"	120"	100	8711045	96.3	1.44	1.20	0.38	0.34	51.
MAGNESITE (236.0–269.0) white, medium to coarse grained	240	238.0 minor disseminated pyrite and some grey crystals	236				8711046	97.3	0.88	1.15	0.15	0.13	52.

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOVERED LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			240				120"	120"	100	8711047	98.2	0.74	1.03	0.09	0.11	52.1
				≈	243.5 grey stringlets with minor associated pyrite											
				/		246										
			250		247.0 core break @ 40°					8711048	96.0	0.89	2.38	0.43	0.15	51.9
250.0-257.0 core lightly yellowed by mild weathering 252.0 core very friable and yellowed. 257.0-257.5 grey crystals				///	250.5-253.5 0.5 to 30 cm thick magnesite stringlets bounded by grey crystals and pyrite (fine)		120"	120"	100	8711049	97.1	0.99	1.37	0.14	0.11	52.2
				≈	255.0-257.0 numerous irregular pyrite stringlets	256										
			260							8711050	97.3	1.19	1.08	0.18	0.13	51.9
				◇	262.5 thin pyrite stringlet surrounding 2-3cm wide magnesite stringlet		120"	120"	100	8711051	97.9	0.86	1.11	0.13	0.08	52.1
						266										
			270							8711052	98.0	0.70	1.61	0.20	0.17	52.18
MAGNESITE (269.0-300.5) medium grained, very light grey 271.0-272.5 several grey green fine grained bands (like serpentine but harder) containing or bordering clots							120"	120"	100	8711053	86.9	0.66	0.80	6.34	4.58	50.1
						276										
				≈	Core breaks easily along 45° even through grey bands 278.5 thick pyrite stringlets					8711054	91.7	1.00	1.44	3.12	2.14	50.62
			280													
of magnesite. Pink salmon color band immediately below, 1cm thick. Grey green bands unreactive to dilute HCl even when pulverized C.					280.0 3 thin pyrite stringlets bordering thin grey bands 281.0-288.0 magnesite veins cross cutting bedding @ 45° minor disseminated pyrite (< 1mm)		120"	120"	100	8711055	90.6	0.80	4.88	1.28	1.61	50.81
						286										
287.0-294.0 occasional thin (1-2mm) thick grey irregular stringlets associated with minor finely disseminated pyrite and larger clots (1-3mm) of fresh pyrite					287.0-287.5 vertical clean core break and healed fractures					8711056	94.8	1.03	1.68	1.22	0.83	51.43
			290		289.0-296.0 fresh wavy fractures @ 18° healed											
							120"	120"	100	8711057	95.1	1.04	1.39	1.23	0.70	51.67
					296.0-300.0 rough, irregular vertical core break	296										
			300		298.0-299.0 1-2mm clots of pyrite with some grey grains					8711058	93.2	0.81	2.00	2.25	0.79	51.00

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HOLE NO. 87-11
SHEET 6 OF 6

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	CORE RECOV'D. Length	CORE RECOVERY: Percent Recovery	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LO
MAGNESITE (300.5 - 321.5) grey to white, medium to coarse grained, bladed tabular crystals, some salmon colored crystals, minor thin wavy stringers less than 1mm thick			300				120'	120"	100	8711059	89.8	0.78	1.06	5.78	1.55	50.
						306										
			310							8711060	91.1	0.74	1.00	5.03	1.21	50.
Cross cutting core @ 10cm intervals							120"	120"	100	8711061	94.1	0.71	0.85	2.87	0.74	51.
						316										
Contact with dolomite is gradational			320		320.0 irregular serpentine vienlet crossing cutting core @ approx. 45°					8711062	93.2	0.80	0.98	2.52	1.57	50
DOLOMITE (321.5 - 334.0) specialled, light grey, fine grained to aphanite local bladed magnesite crystals occassional, few thin black vienlets irregular,							120"	120"	100							
					325.0 bladed magnesite crystals 2-3cm long	326										
			330													
Contact with limestone sharp							120"	120"	100							
			FW													
LIMESTONE (334.0 - 337.0) dark grey with thin black argillaceous irregular beds					Bedding @ 50°	337										
DOLOMITE (337.0 - 346.0)			340													
dark grey with black 1mm to 5mm argillaceous stringers which are softer than than hard dolomite					Banding @ 50° increasing to 60° at bottom of section		126"	120"	100							
						346										
					TD = 346 FEET											
			350													
			360													

Sampled — Not

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HOLE NO. 87-12
SHEET 1 OF 5

Location: Radium B.C.	Bearing: nil	Northing: 16,843.3 m	Property: Mount Brussilof	O.B. depth: 20 + 8 feet in bank
Date collared: Sept 13, 1987	Length: 296 feet	Easting: 7,584.90 m	Core size: BQ (1½ inch)	Logged by: FDM
Date completed: Sept 14, 1987	Dip: 90°	Collar elev.: 1,461.8 m amsl	Scale of log: approx 1" = 10'	Date: Sept 13/14 1987

Rock Types and Lithographic Description	Graphic Log Footage	Mineralization and Structure	Footage Blocks	Core Recovery: Interval Length	Recov'd Length	Percent Recov'd	Sample Number	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
OVERBURDEN (0-20 feet) + 8 feet in the bank	0	Good ore 54.0-71.0 17; 71.0-76.0 5											
	10												
MAGNESITE (20.0-54.0) fine grained, slightly weathered, white to creamy yellowish opaque, somewhat friable above 36.0 feet, occasional dark grey grains and clots containing fine grained (minor) pyrite	20	20.0-36.0 core broken into 2 10cm pieces	20	72"	56"	78	8712001	90.8	0.58	4.57	1.91	1.30	51.05
			26				8712002	94.5	0.70	4.17	0.20	0.08	52.00
	30			120"	120"	100	8712003	91.8	0.57	6.55	0.28	0.13	51.90
			36				8712004	93.9	0.66	4.82	0.16	0.04	51.90
41.0 10cm of core with high concentration of dark grey crystals	40			120"	120"	100	8712005	95.0	0.66	4.17	0.19	0.06	52.05
			46				8712006	94.2	0.69	4.55	0.16	0.13	52.20
MAGNESITE (54.0-71.0) medium grained, white	50	54.0 Subvertical, irregular, green thin talc veinlet; 54.5 Core break at 45°		120"	120"	100	8712007	94.9	0.61	3.54	0.37	0.23	52.00
	60		56				8712008	94.8	0.50	2.44	1.27	0.76	51.6[illegible]

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			60				120"	120"	100	8712009	95.7	0.46	2.85	0.58	0.32	
						66										
69.0 Thin dusty stained porous zone			70							8712010	95.4	0.53	2.87	0.55	0.34	
MAGNESITE (71.0 - 76.0) Coarse grained, pure white with occasional thin wisps of dark grey crystals							120"	120"	100	8712011	96.0	0.53	2.17	0.70	0.51	
						76										
MAGNESITE (76.0 - 92.0) medium grained, white to lightly orange stained with numerous dark reddish grey violets surrounding magnesite violets and clots associated with some pyrite					76.0 - 78.0 numerous dark grayish violets					8712012	96.2	1.13	2.09	0.21	0.11	
					78.5 - 79.0 Weathered disseminated limonite											
					80.0 - 81.0 numerous dark violets		120"	120"	100	8712013	94.9	0.79	3.30	0.60	0.08	
					83.0 - 86.0 numerous dark violets											
						86										
					87.5 - 89.0 numerous dark violets					8712014	92.2	0.86	5.29	0.97	0.11	
			90													
MAGNESITE (92.0 - 129.0) White to light grey, mottled medium grained					93.5 - 95.0 fine grained grey magnesite banded, sharp contact above and below (siliceous?)		120"	120"	100	8712015	93.0	0.57	2.20	2.22	1.28	
					95.0 - 96.0 coarse grained white	96										
96.0 - 108.5 occasional faint dark reddish grey bands (hematite) containing some finely disseminated pyrite					98.0 - 99.0 core badly broken due to intersection of vertical fracture					8712016	95.3	0.69	2.38	0.56	0.53	
			100		cross cut by numerous dark reddish grey violets (hematite)		120"	120"	100	8712017	96.4	0.63	2.13	0.54	0.09	
						106										
										8712018	96.7	0.51	1.79	0.78	0.09	
			110													
							120"	120"	100	8712019	96.7	0.51	1.80	0.63	0.21	
					116.5 CORE break @ 55°	116										
					117.0 - 117.5 grey mottled.					8712020	95.4	0.67	1.64	1.05	0.89	
119.5 Disseminated limonite and thin greenish talcaceous vein coinciding with fracture			120		119.5 fracture @ 30°											

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG FOOTAGE	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY INTERVAL LENGTH	CORE RECOVERY RECOV'D LENGTH	PERCENT RECOV'Y	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LO
121.0 irregular clot of greenish waxy talceous material, pinkish hue in adjacent core.	120	121.0		120"	120"	100	8712021	96.9	0.47	1.48	0.50	0.60	
			126				8712022	93.6	0.59	1.53	2.65	1.06	
MAGNESITE (129.0–146.0) fine to very fine grained, almost completely semi-translucent grains, very light grey, hard (possibly siliceous)	130			120"	120"	100	8712023	90.9	0.57	1.17	4.83	1.57	
	140		136				8712024	92.4	0.64	2.40	2.88	0.93	
				120"	120"	100	8712025	93.1	0.67	2.05	2.67	0.85	
MAGNESITE (146.0–149.0) fine grained, opaque, greyish to light yellowish white, some thin pyrite veinlets and disseminated pyrite throughout			146				8712026	92.1	1.24	1.06	3.74	1.15	
DOLOMITE (149.0–171.0) magnesitic, grey, very fine grained. 149.0–156.0 irregular white	150	150.0–151.0 numerous thick pyrite veinlets; 152.0–152.5 same as above		120"	120"	100	8712027	74.1	2.24	17.70	4.03	0.43	-
	160		156				8712028	64.1	2.59	29.0	2.25	0.55	
magnesitic stringers in grey groundmass. 156.0–171.0 totally aphanitic, grey, fewer white patches				120"	120"	100	8712029	54.9	6.13	33.0	4.61	0.34	
	170	166.5 smooth clean fracture @ 50°; 169.0–171.0 same as 150.0–151.0	166				8712030	54.0	4.59	34.6	4.37	0.55	
MAGNESITE 171.0–175.0) dolomitic, whitish grey, numerous fresh pyrite veinlets throughout		174.5–176.0 white bladed magnesite crystals		120"	120"	100	8712031	98.5	1.89	4.08	1.44	1.10	
MAGNESITE (V75.0–175.5) white, fine grained, some disseminated pyrite		175.0–175.5 rusty subvertical fracture	176				8712032	82.5	1.27	11.4	2.90	1.64	
DOLOMITE (175.5–191.0) grey, aphanitic, white stringers throughout (magnesite?)	180	177.0–181.0 rusty vuggy weathered along magnesite veinlets originally containing calcite in association with the magnesite. Pyrite veinlets often associated with vugs					8712033	45.0	2.99	42.6	2.55	0.64	

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVRY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			180		182.5-184.5 same as 177.0-181.0 184.0 - 2 fractures cross cutting @35° and 40°		120"	120"	100	8712034	95.8	0.79	1.63	0.88	0.53	
						186										
			190		189.5-191.0 bladed magnesite crystals in grey dolomitic matrix					8712035	39.2	3.86	54.1	2.35	0.81	
MAGNESITE (191.0-214.0) fine grained, light grey to darker grey mottled					191.0-193.5 numerous dark reddish grey (haematite?) grains and vienlets containing some disseminated pyrite		120"	120"	100	871203[illegible]	50.0	2.93	41.0	3.24	0.87	
					196.0 - 197.0 same as 191.0-193.5	196										
			200		198.0 " " " " 198.5 clean fracture @ 82° 199.0 same as 191.0-193.5					871203[illegible]	92.8	0.90	1.85	2.96	1.04	
200.0 10cm. zone of calcareous, slightly porous, iron stained orange					200.0 10cm calcareous		120"	120"	100	871203[illegible]	95.8	0.99	2.45	0.58	0.19	
					203.0 - 205.0 same as 191.0-193.5 203.5 - sharp clean fracture @ 45°											
					205.5 " " " " "	206										
					207.0-207.5 " " " " "					8712039	96.6	0.94	1.28	0.56	0.32	
			210		209.0 - 209.5 " " " " "											
							120"	120"	100	8712046	97.8	0.67	1.09	0.43	0.13	
MAGNESITE (214.0-240.0) medium grained, white becoming greyish below 236.0					214.0-218.0 numerous dark grey vienlets and grains	216										
			220		220.0 same as 221.0 - 221.5					8712041	96.9	1.06	1.03	0.60	0.34	
222.0-223.0 grey mottled.					221.0-221.5 - dark reddish grey vienlets containing some disseminated (minor?) pyrite		120"	120"	100	8712042	97.5	0.66	0.85	0.49	0.23	
					225.0 -225.0 Same as 221.0-221.5	226										
229.5-230.0 tinge of orange lighty rust stained core.					227.5 rusty fracture @ 35°					8712043	97.3	6.57	0.91	0.66	0.32	
			230													
232.0 - 236.5 pinkish hue to core (talcaceous?) increasing with depth					231.0 - 234.0 greyish green and vienlets.		120"	120"	100	8712044	96.4	0.60	0.94	1.02	0.74	
234.0-236.5 1mm thick irregular green waxy soft talcaceous vienlets increasing with depth. Also thin pyrite coatings around magnesite clasts					236.5 two fractures at 20° irregular waxy soft	236										
			240		238.6 10cm of talc bounded 4cm dark green 2cm pink, 3cm dark green, 2cm yellowy brown					8712045	85.4	2.23	0.71	8.38	2.63	

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HOLE NO. 87-12
SHEET 5 OF 5

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOVERED LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
MAGNESITE (240.0-244.0) fine grained grey thin irregular wavy green waxy talcaceous viorlets			240	~	241.0 pink talcaceous viorlets		120"	120"	100	8712046	84.4	0.51	0.86	11.87	1.36	
MAGNESITE (244.0-251.0) medium grained, light grey, mottled (white below 249.5)			250	/	243.5 clean fracture at 40°	246				8712047	91.2	0.63	1.05	5.41	0.93	
MAGNESITE (251.0-256.0) Coarse to medium grained grey becoming whiter with depth bladed magnesite crystals						256	120"	120"	100	8712048	81.4	0.57	0.99	14.23	1.98	
MAGNESITE (256.0-266.5) fine grained, light grey mottled			260							8712049	94.6	0.57	1.02	2.55	0.89	
				~	261.0 stringers of green waxy talcaceous viorlets		120"	120"	100							
				/	265.5 vuggy light stained along calcite vein @ 50°	266				8712050	95.0	0.57	1.59	1.80	0.88	
MAGNESITE (266.5-274.0 grey with some white crystals			270							8712051	90.0	0.67	1.42	4.96	1.98	
medium to coarse grained dolomitic transition unit			FW				120"	120"	100	8712052	90.4	0.73	1.49	4.69	1.83	-
MAGNESITIC (274.0-285.5) DOLOMITE grey matrix with white (magnesite) blebs and patches decreasing with depth. Thin talcaceous	Mc		280	///	277.5 several closely spaced fractures @ 35°	276				8712053	46.2	0.80	41.0	6.44	3.12	
Green waxy viorlets throughout particularly between 278.5 and 281.5				/	281.0 fracture @ 40°		120"	120"	100	8712054	31.0	1.37	54.3	7.36	3.54	
ARGILLACEOUS (284.5-EOH) DOLOMITE grey, aphanitic with frequent black argillaceous bands becoming			290	///	Banding @ 45°-50°	286										
thicker with depth. In lower part of unit black bands 1cm thick occur every 5cm				///			120"	120"	100							
						296										
					TD = 296 feet.											
			300													

Not Sampled

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-13
SHEET 1 OF 5

Location: RADium B.C. | Bearing: 111 | Northing: 16802.18m | Property: MOUNT BRUSSILOFF | O.B. depth:
Date collared: SEPT 07, 1987 | Length: 268 FEET | Easting: 76414.20 m | Core size: BQ (1⅝") | Logged by: FDM
Date completed: SEPT 08, 1987 | Dip: 90° | Collar elev: 1465.7 m amsl | Scale of log: approx 1"=10' | Date: SEPT 8, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	Recov'd Length	Percent Recovery	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
OVERBURDEN 0-31.5 FEET (+ 4 FEET IN THE BANK)			10		GOOD ORE 31.5-180.0 = 148.5											
			20													
			30													
						31.5										
MAGNESITE (31.5-80.0) white, medium grained, faint buff color to some grains, may be lightly weathered. Minor disseminated weathered			40		32.0-34.5 Mud filled fracture @ 20° ± 35° core broken in 5-10cm pieces		48"	48"	100	8713001	84.6	0.96	11.20	2.57	1.30	50.57
						36										
					39.5 15cm strongly weathered fractured core grounded sand, thick limonite					8713002	93.6	1.86	4.13	0.52	0.13	51.92
Pyrite and occasional vienlets throughout. 35.0-50.0 Numerous fractures @ 30°, 50°, and 70° sometimes striated @ 80° to strike.							120"	120"	100	8713003	96.0	0.67	2.85	0.33	0.09	52.14
						46										
					50.0 Disseminated pyrite strongly weathered to limonite					8713004	95.4	1.00	3.46	0.29	0.06	52.34
direction. Fracture surfaces frequently lightly iron stained. Mud infilled 35.0 - 45.0 Core typically 10-20cm in length					51.0 rusty 1mm thick calcite vein cross cut by fracture @ 25°		120"	120"	100	8713005	95.2	0.76	3.34	0.30	0.06	52.12
						56										
					57.5 - 58.5 irregular weathered pyrite vienlets 57.5 Rough fracture @ 20°, covered with patchy brown calcite					8713006	94.4	0.70	4.55	0.30	0.11	52.1

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOVERY PERCENT	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			60		63.5 Smooth clean fracture @ 45°		120"	120"	100	8713007	89.5	0.66	9.68	0.32	0.11	52.0
					65.0 thin calcite violet/orange @ 20°	66										
					65.5 clean fracture @ 20°											
					67.0+67.5 two core breaks @ 45°					8713008	93.1	0.63	5.45	0.22	0.06	51.9
			70		68.0 fracture @ 35° crosscutting ankerite veinlet											
					69.0 [illegible] fracture at 20°											
					70.0 1mm thick ankerite violet infilling		120"	120"	100							
					71.0 fracture @ 20° orange band					8713009	91.0	0.54	7.25	0.47	0.28	51.8
					74.5 3mm thick ankerite infilling wavy healed fracture @ 40°	76										
					76.0 – 81.0 Core dicing to 2cm long pieces					8713010	96.8	0.54	1.57	0.32	0.06	52.3
MAGNESITE (80.0 – 180.0) white, medium grained					82.5 Soft, friable, porous, lightly iron-stained.		120"	120"	100	8713011	96.1	0.60	1.99	0.29	0.11	52.2
					86.5 – 88.0 core dicing	86										
			90							8713012	97.0	0.61	1.80	0.20	0.06	52.3
91.0 – 94.5 core weathered and very friable adjacent to subvertical joints					91.0 – 94.5 subvertical mud-filled fractures, core badly broken		120"	120"	100	8713013	95.9	0.66	2.92	0.35	0.13	52.0
					95.5 Smooth clean fracture @ 45°	96										
					96.0 – 96.5 mud filled (3-4mm) subvertical fracture					8713014	96.2	0.60	2.21	0.63	0.34	52.2
			100		99.0 mud-filled fracture @ 60°											
							120"	120"	100	8713015	97.0	0.57	1.66	0.30	0.09	52.3
						106										
			110		108.5 mud filled horizontal fracture					8713016	97.7	0.53	1.54	0.32	0.15	52.1
					111.5 – 113.0 core strongly weathered friable badly broken		120"	120"	100	8713017	97.5	0.47	1.46	0.29	0.09	52.3
					112.0 – 114.0 thin ankerite violet @ 20° in fracture faces	116										
					116.5 – 118.5 core weathered, some pyrite alteration, light orange											
			120		118.0 pyrite violet					8713018	96.7	0.57	2.22	0.24	0.11	52.2

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	CORE RECOVERY: Recov'd Length	CORE RECOVERY: Percent Recovery	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LO
			120				120"	120"	100	8713019	97.5	0.63	1.53	0.24	0.08	52.
					124.0 Thin pyrite vienlets bording subhorizontal clot of magnesite	126										
127.0-135.0 Core broken into 5cm to 15cm pieces along horizontal drilling breaks										8713020	97.4	0.59	1.62	0.23	0.06	52.
			130		130.0 - 130.5 Core badly broken associated with rusty pulverized fracture		120"	110"	92	8713021	96.8	0.50	1.92	0.42	0.15	52.
					134.0 - 136.0 3-4mm of mud infilling fracture @ 20°	136										
			140		139.0 1mm calcite cement mud infilling fracture @ 20°					8713022	96.7	0.46	1.92	0.55	0.18	52.
							120"	120"	100	8713023	97.1	0.53	1.36	0.48	0.26	52.
					145.0 pyrite irregular vienlets	146										
			150		146.0 mud filled (1-2mm) rusty fracture @ 20°					8713024	96.3	182	0.87	0.56	0.58	51.2
					150.5 - 151.5 iron pyrite vienlets		120"	118	99	8713025	97.3	0.74	1.16	0.39	0.40	52.3
					156.5 core pulverized	156										
			160							8713026	98.0	0.52	1.02	0.05	0.13	51.4
					161.0 - 166.0 numerous irregular pyrite vienlets		120"	120"	100	8713027	98.0	0.60	1.12	0.12	0.15	51.9
166.0 - 168.5 core broken into pieces less than 5cm in length. along horizontal					165.0 two thin mud filled healed fractures @ 20° Core yellowish adjacent to fractures (calcite?)					8713	97.8	0.53	1.33	0.06	0.11	51.7
			170				120"	120"	100	8713	98.3	0.55	1.29	0.10	0.09	52.9
drilling breaks - Practically unfractured below 168.5						176										
			180		179.5 Disseminated Pyrite					8713030	97.3	0.60	0.76	0.14	0.11	52.6

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
MAGNESITE (180.0-236.0) grey, mottled, fine grained, thin minor iron pyrite vienlets every 30 cm.			180				120"	120"	100	8713031	96.0	0.77	1.44	1.20	0.76	
						186										
			190							8713032	96.0	0.74	1.42	1.19	0.87	
					190-191.5 subvertical fractured with minor disseminated weathered pyrite		120"	120"	100	8713033	94.6	0.69	1.66	2.24	0.55	
					191.5 10cm of irregular pyrite vienlets	196										
			200							8713034	95.9	1.22	1.38	0.78	0.26	
					200.0-205.0 fresh irregular pyrite vienlets		120"	120"	100	8713035	93.6	2.06	1.54	2.45	0.79	
					207.0 3-4 closely spaced horizontal fresh pyrite vienlets	206										
			210							8713036	78.0	0.79	1.83	10.70	5.49	
					211.0 clean fracture @ 25°		120"	120"	100							
					212.0 0.5cm horizontal serpentine band					8713037	74.8	0.63	1.59	12.31	8.12	-
					215.0 clean fracture @ 35°	216										
214.5-220.0 orange weathered ferrous zone crosscut by numerous calcite vienlets			220							8713038	81.2	0.74	7.95	6.10	3.48	
					220.5 - 2-3cm thick bands of green waxy serpentine		120"	104"	87							
					222.5-225.0 irregular subvertical fracture, rusty stricked parallel to strike					8713039	78.3	0.74	2.47	12.42	3.78	
						226										
MAGNESITE (236.0-239.0) large bladed crystals of			230							8713040	72.8	1.03	3.94	13.88	6.00	
magnesite in grey dolomitic matrix							120"	120"	100	8713041	63.6	1.97	4.14	21.27	8.31	38.5
						236										
			FW		2					8713042	53.8	1.84	11.36	23.77	8.12	35.9
DOLOMITE (239.2-262.0)			240													

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
grey, massive			240		240–240.5' vuggy core		120"	120"	100	Not Sampled						
					243.0 large clot of magnes. (1cm) with regular clots of serpentine	246										
			250		243.5 rusty magnesite coated break @ 40° 244.0 4cm band of magnesite											
					262.0 – irregular break @ 35°		120"	120"	100							
					253.0 " " " "											
					256.5 Thin calcite filled healed fracture	256										
			260		260.0 Very thin calcite filled subvertical fracture		72"	72"	100							
					260.5–261.5' Core badly broken	262										
SERPENTINE (267.0 – EOH) green, waxy, soft																
					TD = 268.0 FT											

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HOLE NO. 87-14 SHEET 1 OF

Location: Radium B.C.	Bearing: —	Northing: 16767.77 m	Property: Mount Brussilof
Date collared: August 28, 1987	Length: 206 feet (62.8 m)	Easting: 7650.09 m	Core size: BQ (1½")
Date completed: August 28, 1987	Dip: 90°	Collar elev.: 1464.4 m amsl	Scale of log: approx 1" = 10'
O.B. depth: 12 feet + 25 feet in bank	Logged by: FDM	Date: August 26, 1987	

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	FOOTAGE	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
OVERBURDEN (0.0–12.0) Silty sandy glacial till, light grey brown, 40% silt, 25% sand, 10% clay, 15% gravel, 10% cobbles and boulders	10	Good ore 12–156 = 144	12										
MAGNESITE (12.0–156.0) white, pure high grade grain size 5–10 mm		clean fracture @ 20°; core broken along thin (… m) pyrite veinlet @ 50°	16	48"	48"	100	8714001	97.1	0.66	2.11	0.07	0.11	52.19
	20	two clean parallel fractures 25 cm apart @ 25°		120"	120"	100	8714002	83.4	1.00	2.70	28.0	3.40	40.83
		0.5 mm pyrite along boundary of magnesite; 3 mud coated fractures @ 70°; irregular pyrite veinlets 2–4 mm thick; several closely spaced slightly ironstained fractures @ 70°	26				8714003	93.5	0.94	0.99	1.79	2.31	50.85
22.0–30.0 Coarser grains to 25 cm	30	strongly weathered 0.5 cm pyrite veinlet; numerous irregular pyrite veinlets 5–10 cm apart					8714004	86.8	0.93	10.00	0.52	0.76	51.13
			36	120"	120"	100	8714005	91.6	0.83	2.21	2.14	2.66	50.61
	40	39.0 Porous iron stained zone					8714006	98.0	0.92	1.05	0.06	0.11	52.01
		either side of fracture @ 70°; 42.0 core slightly crushed; 43.0 porous iron stained zone	46	120"	120"	100	8714007	98.1	0.66	1.26	0.04	0.08	52.07
	50						8714008	96.2	0.61	1.13	1.53	0.28	51.50
			56	120"	120"	100	8714009	83.2	0.96	0.99	7.34	6.61	46.55
57.0–58.0 slightly iron stained porous zone	60	2 mm thick ankerite vein @ 35°; cross cutting open fracture @ 75°; sharp fracture at 60°; 2 pyrite veinlets @ 35°					8714010	95.9	0.80	1.32	0.58	1.13	51.42

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-14

SHEET 2 OF 4

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERED LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
63.0-64.0 soft friable, orange stained along fractures @ 50°			60	///			120"	120"	100	8714011	98.0	0.49	1.26	0.18	0.19	52.03
						76										
										8714012	98.2	0.49	1.29	0.35	0.07	51.92
			70													
				/	71.0 pyrite vienlet @ 35°		120"	120"	100	8714013	97.9	0.49	1.37	0.30	0.07	51.95
				/	74.5 clean fracture @ 35°											
				/	76.0 clean fracture @ 20°	78										
										8714014	97.8	0.49	1.29	0.26	0.07	51.73
			80													
85.0-88.0 faint orange hue to core				/			120"	120"	100	8714015	97.8	0.46	1.57	2.09	0.07	51.76
				/	85.0 fracture @ 40°	86										
88.0-101.0 grain size					87.5 3cm thick dolomite vein					8714016	96.3	0.46	2.66	0.82	0.38	51.86
			90													
becomes smaller (1mm-3mm) slight greyish color				/			120"	120"	100	8714017	96.5	0.49	1.31	0.55	0.91	51.74
				/	93.0 dolomite healed fracture subvertical	96										
				/	98.5 clean fracture @ 40°					8714018	97.1	0.43	1.18	0.65	0.38	51.99
			100													
grain size increased to 5-15mm							120"	120"	100	8714019	97.7	0.43	1.20	0.14	0.26	52.01
						106										
109.0-111.5 fine grained light greyish			110							8714020	97.4	0.43	1.20	0.47	0.19	52.2
					93.0-93.5 occasional pyrite vienlet		120"	120"	100	8714021	97.0	0.46	1.46	0.34	0.38	52.15
					95.0 fracture @ 20°	116										
116.0-117.0 fine grained, light greyish										8714022	97.7	0.43	1.20	0.23	0.19	52.01
			120													

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOV'D PERCENT	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			120				120"	120"	100	8714023	97.9	0.49	1.20	0.18	0.19	52.1
					125.5 pyrite vienlet @ 20°	126										
			130		127.0–127.6 irregular pyrite vienlets					8714024	97.0	0.49	1.23	0.17	0.68	52.01
					130.0–131.5 irregular pyrite surrounding magnesite masses		120"	120"	100	8714025	97.6	0.54	1.23	0.32	0.15	52.1
			140			136				8714026	96.8	0.46	1.12	0.11	0.07	52.5
					141.0–142.5 numerous irregular 0.5cm pyrite vienlets		120"	120"	100	8714027	97.7	0.77	1.06	0.06	0.15	52.27
					142.5 clean fractures @ 20°											
					143.0 3 pyrite vienlets (1–2mm)	146										
			150		147.0 subvertical pyrite vienlet					8714028	98.5	0.54	0.84	0.07	0.15	52.07
					irregular grey black pyrite bands		120"	120"	100	8714029	96.0	0.51	0.95	1.27	0.76	51.6
					143.0 4cm grey band.											
					154.5 fracture @ 35° surrounded by 4cm slight orange	152										
MAGNESITE (156.0–172.5) white with grey mottling..					155.0 "											
			160		156.0 1mm calcite vienlet @ 35° slightly wavy					8714030	94.5	0.80	1.20	1.66	1.40	51.2
partially due? to disseminated Pyrite and pyrite vienlets					158.5 core breaks irregularly @ 35°		120"	120"	100	8714031	88.8	0.63	2.04	3.74	3.78	49.7
167.0–169.5 slight pink hue to core.					167.0 soft 1cm grey glassy vien @ 20° serpentine(?)	166										
			170							8714032	93.8	0.83	1.37	1.76	1.62	50.93
							120"	120"	100	8714033	81.2	0.92	11.75	3.00	2.34	49.24
DOLOMITE (172.5–184.0) grey with white magnesite intergrowths, highly calcareous			--		gradational contact over 25cm	176	--	--	--							
177.0–177.0 large bladed magnesite crystals					174.0–176.0 clots of pyrite 1–3mm											
			180							8714034	58.6	2.00	26.6	7.60	3.93	43.52

Form E Shannon, 8-87

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-1

SHEET 4 OF 4

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			180				120"	120"	100							
LIMESTONE (184.0 - EOH) irregularly bedded grey limestone with					pseudo bedding from 0°-45°	186										
			190													
wavy thin interbeds of black calcareous shale and irregular white calcite dots, occasional rusty core breaks							120"	120"	100	Not Sampled						
						196									✓	
			200													
					EOH		120"	120"	100							
					TD = 206 feet	206										
			210													
			220													
			230													
			240													

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-15
SHEET 1 OF 3

Location: Radium B.C.	Bearing: —	Northing: 16,100.23 m	Property: Mount Brussilof
Date collared: Oct 2, 1987	Length: 143 feet	Easting: 7647.17 m	Core size: BQ (1½ inch)
Date completed: Oct 3, 1987	Dip: 90°	Collar elev: 1425.6 m amsl	Scale of log: 1" = 10'
O.B. depth: nil	Logged by: FDM	Date: Oct 3, 1987	

Rock Types and Lithographic Description	Footage	Mineralization and Structure	Footage Blocks	Interval Length	Recov'd Length	Percent Recov'y	Sample Number	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
Casing set to 2 feet		maintained circulation throughout	2										
MAGNESITE (2.0 – 24.5) white with numerous grey black grains throughout, opaque, lightly weathered except adjacent to vertical fracture. Core badly disced into 1-5 cm pieces		There may be no ore in this hole					8715001	96.0	0.60	1.30	0.36	0.51	51.64
	10			108	108	100	8715002	97.3	0.65	1.22	0.39	0.24	51.85
from 2.0'–11.0' and rubbilized 11.0'–17.0'		11.0–17.0 vertical fracture with 5 mm of mud infilling, core moderately weathered and friable 14.0–17.0	11	60'	34"		8715003	92.7	0.66	5.0	0.92	0.49	51.41
	20.		16				8715004	95.9	0.59	2.18	0.73	0.34	51.61
		22.0 calcite coated fracture @ 20°; 23.0 " " " "		120	116	97	8715005	96.6	0.72	1.48	0.57	0.36	51.69
MAGNESITE (24.5–47.0) white to very light grey, lightly to very lightly weathered except adjacent to vertical fractures. Predominantly opaque medium grained	30	24.0 calcite healed fracture @ 20°; 26.0 26.5 rubbilized, calcite coated fracture surfaces; 26.5 clean fracture @ 50°; 28.5 clean fracture @ 55°; 28.5 – 31.0 grey black grains	26				8715006	96.6	0.82	1.49	0.60	0.34	51.67
28.5–33.0 – core yellowed and slightly friable		30.5 1 cm calcareous mud infilling irregular subvertical fracture; 32.0 rusty rough fracture @ 150; 33.5 two fractures @ 35° and 0°		120"	120"	100	8715007	96.4	0.70	1.60	0.64	0.28	51.80
	40	37.0 fracture @ 50°; 39.5 calcite coated fracture @ 20°	36				8715008	96.6	0.49	1.52	0.60	0.28	51.86
44.5–46.0 Core lightly yellowed calcareous		41.5 rusty calcite coated fracture @ 20° cross cutting clean fracture @ 50°; 46.0 mud-coated fracture @ 20° cross cutting horizontal break with white paste-like substance (HUNTITE?)	46	120"	120"	100	8715009	96.6	0.56	1.62	0.58	0.30	51.76
MAGNESITE (47.0 – 63.5) white with grey mottling, medium to coarse grained, fresh	50	49.0 mud filled break crosscutting fracture @ 40° also fracture @ 30°					8715010	95.9	0.46	2.45	0.55	0.34	51.16
		52.5 mud coated fracture @ 30° crosscutting rusty calcite coated fracture @ 50°		120"	120"	100	8715011	89.9	0.49	7.0	1.26	0.83	51.02
54.0–55.0 core lightly weathered, calcareous, thin calcite vienlets	60	54.0 mud filled fracture @ 30°; 57.0 " " " " "	56				8715012	95.8	0.49	2.09	0.81	0.59	51.17

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ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOV'RD	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
							120"	120"	100	8715013	97.3	0.50	1.17	0.56	0.32	
MAGNESITE (63.5-72.0) medium grained light grey with white to very light pinkish coarse grained bands, numerous clots and thin veinlets of green waxy serpentine			70			66				8715014	96.2	0.59	0.87	1.14	6.81	
							120"	120"	100	8715015	97.4	0.53	0.79	0.64	0.44	
MAGNESITE (72.0-79.0) white to very light pink with grey mottling fine grained, fresh			80		75.0 clear fracture @ 40°	76				8715016	98.0	0.43	0.83	0.47	0.22	
MAGNESITE (79.0-91.5) medium to fine grained white with with grey grains yellowed by light weathering					80.0-82.0 mud filled vertical fracture		120"	120"	100	8715017	88.5	0.49	9.5	0.77	0.38	50.74
			90		83.0-83.5 mud filled fracture @ 10°; 83.5-84.0 very calcareous; 86.0 thin brown ankerite veinlet @ 25°; 87.0 vuggy calcite healed fracture @ 40°; 89.5 irregular calcite veinlet	86				8715018	94.2	0.50	3.2	1.03	0.59	
MAGNESITE (91.5-105.5) grey to light grey, fine grained fresh, silaceous					92.0 irregular 1mm thick vuggy calcite veinlet @ 20°		120"	120"	100	8715019	88.0	0.50	9.4	0.97	0.51	-
			100		95.0 fracture @ 60°; 95.5 " " 65°	96				8715020	93.8	0.59	4.3	0.79	0.38	
					102.5 two parallel striking fractures crosscutting @ 50° and 40°		120"	120"	100	8715021	94.2	0.69	1.92	1.81	0.68	51.24
MAGNESITIC DOLOMITE (105.5-115.0) dark grey, very fine grained to aphanitic, hard			110		105.5-106.0 fine grained bladed white magnesite crystals in black matrix; 107.5 calcite coated fracture @ 30°; 108.5 5mm calcite cemented mud infilling fracture @ 30°	106; 110	48"	48"	100	8715022	44.1	0.86	40.6	8.60	7.61	44.25
(silaceous), or argillaceous 107.5-110.0(?) breccia like, subangular light grey fragments surrounded by darker vuggy matrix					most of core lost between 110.0 & 116.0		72" core	18" tube rock	25 didn't	NOT SAMPLED						
LIMESTONE (115.0-125.5) grey, aphanitic, vigorous reaction to dilute HCl, cross cut by numerous rusty, irregular calcite veinlets, hard siliceous			120		116.0-117.0 rusty vertical fracture sharp	116; 118	24"	24"	100	8715023	56.5	0.59	36.9	4.42	0.61	42.81

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HOLE NO. 87-13
SHEET 3 OF 3

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Footage	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	CORE RECOVERY: Recov'd Length	CORE RECOVERY: Percent Recov'ry	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
difficult to distinguish throughout unit due to rubbilized nature of core but has appearance of recemented breccia/light grey subangular particles in darker muddy packstone	120	125.0 fracture at 40°	123.5	66"	66"	100	B715024	523	1.32	33.5	9.08	2.77	40.66
LIMESTONE (125.0-EOH), aphanitic, large (0.5mm) clots of fine-grained pyrite	130	126.0-128.0 numerous planar 1-5mm thick white calcite vienlets @10° 128.5-130.0 core rubbilized rusty	130	78"	72"		B715025	48.5	1.31	32.8	12.32	3.96	40.56
and pyrite vienlets, rusty open fractures throughout, vigourous reaction to dilute HCl no apparent bedding Breccia-like as unit above 125.0-128.0		130 - mud coated fracture @20° 131.0 rusty fracture @30° 132.0 fracture @30°	133	36"	36"	100	Not Sampled						
		135.0-136.0 vertical sharp fracture.	136	36"	30"								
	140	137.0 rusty smooth fracture @30° 138.0 fracture @30°	139	36"	36"								
		138.0 - 140.0 rusty subvertical fracture 141.0 rusty mud coated fractures @20° and 60°	143	44"	44"								
	150	TD = 143 feet.											
	160												
	170												
	180												

ASSAY RESULTS (%)

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HOLE NO. 87-16
SHEET 1 OF 2

Location Nadiom B.C. Bearing — Northing 16,69.57 m Property Mount Bassilof O.B. depth 0 feet
Date collared SEPT 03, 1987 Length 110 FEET Easting 7,724.49 m Core size BQ (1½") Logged by FDM
Date completed SEPT 03, 1987 Dip 90° Collar elev. 1471.2 m ams/ Scale of log Approx 1"=10' Date SEPT 04, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Symbols	MINERALIZATION AND STRUCTURE	Footage Blocks	CORE RECOVERY: Interval Length	Recov'd Length	Percent Recovery	Sample Number	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
OVERBURDEN (0-20.0')			0		NO ORE											
			10													
			20													
			30													
CASING SET TO 32'						32										
MAGNESITE (20.0-56.5) white to light orange, fine to medium grained, weathered, friable, strongly stained, limonite common.			40		36.5 15cm of pulverized core	40	168"	60"	36	SAMPLED						
					41.0-46.5 core badly broken	46	60"	48"	80	NOT						
			50			51										
					52.0-56.5 core badly broken		66"	48"	80							
						56										
MAGNESITE (56.5-78.5) white, becoming grey with depth, mottled appearance			60		58.5-59.0 thick 1-2cm weathered Pyrite vienlet					8716001	42.7	4.35	1.44	0.87	0.26	50.81

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HOLE NO. 87-16

SHEET 2 OF 2

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOVERY PERCENT	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	L
			60		61.5 disseminated pyrite 62.0 slightly stained fracture @35° 63.5 rusty disseminated pyrite 65.0 subvertical calcite filled joint		120"	120"	100	8716002	95.0	2.14	1.54	0.67	0.30	5
			70			66				8716003	94.8	1.86	1.88	1.24	0.47	5
small needle shaped crystals			FW		70.5 rough fracture @ 20° 73.0 slightly stained fracture @20°		120"	120"	100	8716004	95.6	0.70	1.68	1.44	0.43	5
						76				8716005	90.2	0.61	2.25	4.16	1.79	4
DOLOMITE (78.5-96.0)			80		Contact Gradational											
black, hard silaceous?) irregular 3-4cm calcite stringers throughout			90		core breaks easily @ 90°		120"	120"	100							
						86										
							120"	120"	100	SAMPLED						
LIMESTONE (96.0-EOH) black, thinly bedded 2cm			101		Core breaks easily @ 50°-60°	96				NOT						
soft, thin stringers of waxy black talc (hardness <3) stringers seperating beds							120"	120"	100							
			110			106										
					T.D. = 110.0ft	110	48"	48"	100							

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HOLE NO. 87-17
SHEET 1 OF

Location KAMLOOPS B.C. | Bearing nil | Northing 16,843.49 m | Property MOUNT BRUSSILOFF | O.B. depth 6 feet
Date collared SEPT 14, 1987 | Length 306 feet | Easting 7,547.35 m | Core size BQ (1½") | Logged by FDM
Date completed SEP 18, 1987 | Dip -90° | Collar elev. 1424.0 m amsl | Scale of log approx 1"=10' | Date SEPT 16-18

RIG BREAK DOWN

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
OVERBURDEN 0-0-6.5					Poor hole all the way down except 53.0-87.0 = 34.0, 150.0-163.0 = 13.0, total o/c 47.0	6										
MAGNESITE (5.5-10.5) fine grained grey			10		5.5-9.0 core broken into 5 to 20cm pieces; 7.0-8.0 Numerous pyrite veinlets as magnesite vein wall linings		60"	60"	100	8717001	94.8	1.69	2.23	0.56	0.34	51.31
MAGNESITE (10.5-35.0) fresh, white, coarse grained occasional pyrite vienlets 1-5mm thick throughout					12.0 Thick pyrite vienlet	11.0	60"	60"	100	8717002	95.4	2.13	1.63	0.43	0.21	51.24
			20		18.0 3-sharp core breaks @ 20°; 19.5 10cm zone of thin pyrite	16				8717003	97.6	1.07	1.16	0.27	0.11	51.85
					20.5-21.5 thin pyrite vienlets; 25.5 2-3mm thick pyrite vienlet; 24.5 " " " "		120"	120"	100	8717004	96.2	1.43	1.90	0.16	0.06	51.43
			30		27.5-28.5 Thick pyrite vienlets 0.5-1.0cm thick	26				8717005	91.6	5.83	1.35	0.13	0.06	51.03
					29.5-30.0 Numerous 1mm-5mm thick pyrite vienlets; 33.5 Subvertical fracture		120"	120"	100	8717006	93.6	4.23	1.37	0.18	0.06	51.13
MAGNESITE (35.0-53.0) fresh, medium grained, white numerous grey vienlets						36				8717007	95.8	1.10	2.58	0.29	0.11	51.48
surrounding magnesite clots or individual grains			40		40.0 rusty fracture @ 65°		120"	120"	100	8717008	96.9	1.17	1.37	0.23	0.08	51.79
			50			46				8717009	97.3	0.79	1.64	0.22	0.08	51.94
					52.5 clean sharp fracture @ 20°		120"	120"	100	8717010	97.4	0.74	1.68	0.22	0.08	52.00
MAGNESITE (53.0-82.0) as above with only occasional grey vienlets			60			56				8717011	97.0	0.66	1.49	0.32	0.19	52.08

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOVRY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LO
			60	X	67.5 clean sharp wavy fracture @ 20°		120"	120"	100	8717012	96.9	0.81	1.59	0.38	0.21	52.0
						66										
			70		69.0 " " " " " "					8717013	96.3	0.81	1.78	0.46	0.21	52.1
							120"	120"	100	8717014	97.0	0.73	1.63	0.34	0.15	52.2
						76										
			80							8717015	95.5	0.69	3.27	0.34	0.19	52.0
MAGNESITE (82.0 - 87.0) fresh, white, coarse grained							120"	120"	100							
					87.5 fracture @ 60°	86				8717016	96.0	0.56	2.60	0.34	0.19	52.0
MAGNESITE (87.0 - 122.5) medium grained, very										8717017	95.9	1.14	1.75	0.42	0.63	51.7
			90													
lightly weathered, numerous minor irregular reddish brown (haematite ?) vienlets throughout with occasional zones of high vienlet concentration					93.5 - 96.0 high concentration of reddish brown vienlets		120"	120"	100	8717018	96.5	0.90	1.87	0.32	0.44	51.9
very minor disseminated pyrite <1mm throughout					97.0 cms of reddish brown vienlets	96										
			100		97.5 - 98.5 high conc of reddish brown vienlets					8717019	96.5	1.06	1.68	0.41	0.23	52.0
					98.0 rough break @ 20°		120"	120"	100	8717020	96.7	0.83	1.61	0.30	0.19	52.2
					101.0 reddish brown vienlets	106										
			110		108.0 " " "					8717021	97.1	0.87	1.78	0.07	0.29	52.1
					109.0 - 110.5 " " "		120"	120"	100	8717022	96.5	0.87	1.80	0.36	0.27	52.3
						126										
			120		117.5 1-2mm weathered clots of pyrite 118.5 - 119.0 reddish brown vienlets					8717023	95.7	1.46	1.85	0.36	0.25	51.5

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION

MAGNESITE (122.5–150.5)
moderately weathered, light orange iron stained, extremely high concentration of dark reddish brown weathered irregular iron bearing (haematite) vienlets surrounding individual crystals and zones of magnesite, medium grained

140.0–142.0 band of white medium grained magnesite very light orange but not dark reddish brown grains or vienlets

MAGNESITE (150.5–163.0)
fresh, white with occasional zones of grey vienlets (pyrite?) surrounding crystals and masses of magnesite, medium grained

MAGNESITE (163.0–216.0)
very lightly weathered
medium grained, numerous reddish brown vienlets (haematite) throughout, grey

MINERALIZATION AND STRUCTURE

121.5–125.0 reddish brown vienlets
122.0–123.0 fresh clots of pyrite 1-3mm
123.5 clean smooth fracture @ 25°
135.5–137.0 porous vuggy core
137.0 Fracture @ 40°
146.0 15cm band of grey black crystals
150.5 healed fracture @ 15°
thick grey black mottling
150.5–151.0 boundaries containing finely disseminated pyrite
?.0 healed fracture @ 40°
?2.0 core break at 25°
155.0 dark reddish brown vienlets
154.0–156.0 grey black grains in white magnetic matrix
156.5–157.5 grey grains and grain walls of magnesite vienlets, minor disseminated pyrite
161.5–162.5 grey black grains minor disseminated pyrite
163.5–166.0 dark reddish brown grains and vienlets, visible disseminated pyrite
165.5 core broken along lightly rust stained fracture @ 10°
169.0–173.0 dark reddish brown grains some disseminated pyrite
178.5 clean sharp fracture @ 18°
179.5 light creamy coating on fracture @ 140

CORE RECOVERY AND ASSAY RESULTS (%)

Footage	Footage Blocks	Interval Length	Recov'd Length	Percent Recov'd	Sample Number	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
120		120"	120"	100	see previous pg		5.				
	126				8717024	96.2	1.52	1.70	0.23	0.09	51.
130		120"	120"	100	8717025	96.0	2.00	1.54	0.14	0.07	51.
	136				8717026	93.4	2.09	3.88	0.27	0.05	51.
140		120"	120"	100	8717027	95.9	1.43	1.37	0.83	0.06	57.
	146				8717028	95.9	1.39	1.71	0.82	0.13	51.
150		120"	120"	100	8717029	96.3	1.16	1.48	0.56	0.15	51.
	156				8717030	97.1	1.23	1.11	0.29	0.08	51.
160		120"	120"	100	8717031	94.5	0.94	3.12	0.63	0.34	51.
	166				8717032	96.7	1.02	1.31	0.51	0.19	52.
170		120"	120"	100	8717033	96.3	1.18	1.38	0.62	0.23	52.
	176				8717034	96.8	0.96	1.24	0.37	0.15	52.
180											

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOVERY PERCENT	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LO
			180		179.0 – 182.0 dark brownish grey crystals		120"	120"	100	8717035	97.0	0.98	1.36	0.37	0.13	52.
184.0 – 192.5 dark reddish brown grains					184.0 – 185.0 Core broken along intrusion with subvertical fracture	186										
					187.0 Subvertical minor rust stained fracture					8717036	96.6	1.16	1.40	0.43	0.25	52.
			190				120"	120"	100	8717037	97.3	0.83	1.28	0.43	0.15	52.
					196.0 irregular core break @ 15°	196										
					198.5' calcite coated fracture @ 20°					8717038	97.3	0.69	1.28	0.36	0.17	52.
			200													
203.5 – 205.5 dark reddish brown grains					201.0 coarse grained weathered fracture adjacent to fracture @ 20°		120"	120"	100	8717039	97.2	0.70	1.26	0.31	0.13	52.
					202.5 fracture @ 15°	206										
210.5 – 213.5 numerous black grains and violets			210							8717040	97.3	0.70	1.23	0.32	0.11	52.
					212.0 slightly rust stained fracture @ 20°		120"	120"	100							
215.0 – 217.0 same as 210.5 – 213.5					212.0 – 213.5 core broken along subvertical fracture											
					214.0 – 215.0 as above					8717041	98.0	0.98	0.71	0.29	0.13	52.
					215.0 calcite coated fracture	216										
MAGNESITE (216.5 – 233.5) fine to medium grained, white					218.5 Thin black veins and grains											
			220		219.0 subvertical fracture core broken					8717042	97.7	0.64	1.13	0.39	0.11	52.
opaque							120"	120"	100							
223.0 10cm grey mottled						226				8717043	97.8	0.72	1.16	0.23	0.08	52.
										8717044	97.6	0.66	1.07	0.37	0.11	52.
			230		229.8 very rusty fracture @											
					229.0 – 231.0 core badly fractured by subvertical fractures and fractures @ 20° both thinly filled with calcite		120"	120"	100	8717045	94.8	0.44	1.04	3.22	0.13	50.
					231.0 – 237.5 slightly weathered.											
MAGNESITE (233.5 – 250.0) unusual mixed unit containing several zones of white bladed magnesite crystals in grey to			Roll 2 Photos 12 & 13		234.5 pinkish hue to coarse bladed crystals	236										
					235.0 – 236.5											
					239.0 10cm friable broken with 2 cm anhydrite vein											
			240		239.5 – 240.5 very friable broken weathered with remarkable vein					8717046	86.1	0.57	1.24	3.45	3.02	48.

Core appears shattered →

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	FOOTAGE	MINERALIZATION AND STRUCTURE
black matrix 235.5-236.5 thin (1-3mm) black argillaceous bands every 2 cm, Seperate bands of bladed crystals in grey matrix. Could be recrystallized. Shear zone (Solution Breccia?) Core broken into 3-5cm pieces	240 250	241.0 Cream colored non-calcareous coating (silaceous ?) on fracture @ 50°, strongly striated parallel to strike
MAGNESITE (250.0-260.5) fine grained, mottled, greyish white, increasing grey with depth, frequent thick bands of fresh pyrite	260	260.0-261.5 irregular bands of pinkish coarse grained magnesite (bands approx. 4cm wide)
MAGNESITE (260.5-276.5) as above with much less pyrite except @ 272.5	270	262.5-266.0 subvertical healed fracture 266.0 fracture @ 20° 271.0 calcite crystals on fracture @ 20° 270.0 rusty irregular core breaks 272.5 4cm of thick pyrite vienlets 274.0 rusty limonite coated fracture @ 20°
MAGNESITE (276.5-289.5) fine grained, grey, speckled becoming darker with depth 281.0-283.0 weathered, rusty pyrite stringers. Core very friable between 282.0-283.0 (possible porous zone ?) Hole started making water near bottom.	280 Run 2 PHOTO 14 FW 290	277.5 weathered friable core adjacent to horizontal core [illegible] 278.0 white fibrous mineral on rusty subvertical fracture 278.5-279.5 bands of white coarse grained magnesite 286.0-289.5 fine grained white bladed crystals in dark grey matrix
DOLOMITE (289.5-EOH) grey aphanatic, with irregular white stringers of magnesite (?) becoming argillaceous (thin black stringers) below 303.5	300	Thin wavy dark vienlets

Core recovery

Footage blocks	Interval length	Recov'd length	Percent recov'd
246	120"	80"	66
256	120"	120"	100
266	120"	120"	100
276	120"	120"	100
286	120"	114"	95
296	120"	120"	100

Assay results (%)

Sample number	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
8717047	94.3	0.94	1.67	1.81	0.93	51.5
8717048	91.8	2.03	1.44	2.42	1.28	50.9
8717049	85.6	10.0	1.30	1.37	0.83	50.7
8717050	77.1	17.9	1.34	1.85	0.74	49.6
8717051	95.0	0.89	1.20	1.62	0.93	51.8
8717052	93.0	1.01	1.04	3.15	1.17	50.7
8717053	91.1	2.55	0.97	3.44	1.41	49.7
8717054	95.2	0.74	2.33	1.19	0.35	51.51
8717055	93.2	1.28	1.28	2.45	1.23	50.7
8717056	89.3	1.58	1.58	5.11	2.19	49.6
NOT SAMPLED						

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HOLE NO. 87-17

SHEET 6 OF 6

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	CORE RECOV'D Length	CORE RECOV'D Percent	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			300				120"	120"	100	NOT SAMPLED						
LIMESTONE (303.0 - 306.0) light grey, dolomitic, slightly argillaceous (thin stringers				~	stringers wavy @ ≈ 40°											
			303		TD = 306.0											

Form C Division, B.C.

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Bladed crystal zones indicate close to steeply dipping limestone beds

HOLE NO. 87-18
SHEET 1 OF 4

Location	RADIUM	Bearing	—	Northing	16,777.82 m	Property	MOUNT BRISCOE
Date collared	SEPT 18, 1987	Length	216 feet	Easting	7,605.55 m	Core size	BQ (1½")
Date completed	SEPT 19, 1987	Dip	90°	Collar elev.	7,452.7 m amsl	Scale of log	approx 1" = 10 feet
O.B. depth		Logged by	FDM	Date	Sept 19-20, 1987		

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION

OVERBURDEN 0-6.0

MAGNESITE (6.0-30.0)
white fine grained with occasional thin coarse grained bands, opaque

28.0-28.5 coarse grained band
30.0 coarse grained band bounded by dark reddish brown vienlets

MAGNESITE (30.0-72.0)
White, fine grained with occasional thin coarse grained bands and occasional dark reddish brown subparallel stringers and a few irregular pyrite vienlets

53.0-54.5 calcareous orange porous interval with strongly weathered pyrite vienlets

GRAPHIC LOG — FOOTAGE

10, 20, 30, 40, 50, 60

MINERALIZATION AND STRUCTURE

GOOD ORE 6.0-30.0 = 24.0
145.0-157.0 = 12.0
36.0 feet

MARGINAL ORE 30-72.0

17.0 Core break @ 40°

25.5-27.0 Strongly weathered orange rust stained core 3mm calcite vien @ 30°, core broken and friable

28.0 Calcite healed fracture @ 30°

30.0-31.0 Coarse to very coarse bladed crystals bounded above and below by grey band (pyrite?)

31.0 Calcite coated fracture @ 10°

31.5-32.5 thin discontinuous dark reddish brown subparallel stringers @ 65°

32.5-33.5 as above but flatter @ 40°

35.0 2-3mm thick weathered pyrite vienlets

36.0 as above cross cutting @ 30° and 60

36.0-39.0 pyrite vienlets bounding coarse grained intervals to 25cm thick

43.0 5cm orange calcareous interval cross cut by fracture @ 60°

45.0-48.5 dark reddish brown clots and stringers @ 40°-60°

49.0 20cm thick pyrite vienlets lightly weathered

50.0-52.0 dark reddish brown grains and vienlets

53.5 Calcite filled fracture @ 35°

54.0-55.0 thin weathered subvertical pyrite vienlets

57.0-57.5 dark reddish brown vienlets

FOOTAGE BLOCKS, CORE RECOVERY AND ASSAY RESULTS (%)

Footage blocks	Internal length	Recov'd length	Percent recovery	Sample number	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
6										
				8718001	96.6	0.71	1.49	0.95	0.25	51.7
	120"	120"	100	8718002	96.7	0.66	1.37	0.86	0.35	52.0
16				8718003	98.0	0.52	1.27	0.25	0.06	52.1
	120"	120"	100	8718004	97.5	0.58	1.25	0.30	0.04	523
26				8718005	97.2	0.49	1.55	0.35	0.15	52.1
	120"	120"	100	8718006	97.7	0.66	1.13	0.28	0.08	52.2
35				8718007	97.7	0.69	1.18	0.26	0.08	52.1
	120"	120"	100	8718008	97.1	0.58	1.64	0.29	0.11	52.23
46				8718009	96.6	1.30	1.28	0.35	0.15	51.7
	120"	120"	100	8718010	94.8	0.75	3.70	0.29	0.11	52.1
56				8718011	97.3	0.74	1.42	0.22	0.06	51.5

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	Recov'd Length	Percent Recov'ry
			60		64.0-65.0 1-5mm thick lightly weathered pyrite vienlets		120"	120"	100
68.0-69.0 very friable rusty core.			70		66.0-69.0 lightly to strongly weathered pyrite vienlets associated with coarser grained magnesite	66	120"	115"	97
					71.0 fracture @ 60° crosscutting one @ 10° some calcite coating				
MAGNESITE (72.0-84.5) extremely weathered, fine grained, strongly iron stained, very friable			80			76			
73.5-83.0 entirely crushed to sand. Some limonite vienlets visible in intact core					72.0-83.0 Core crushed to sand rusty, calcareous		120"	62"	49
MAGNESITE (84.5-98.0) white but commonly iron-stained medium to coarse grained, numerous pyrite vienlets			90		86.0 large clots of limonite to 3cm; 90.0 3-0.5cm pyrite vienlets @ 40°	86			
commonly in bands of sub-parallel discontinuous vienlets, unit is weathered to strongly weathered					90.0-91.0 same as 95.0-97.5 @ 45°; 91.0 striated (at 30° to strike) fracture @ 30°; 95.0-97.5 subparallel discontinuous pyrite vienlets at 30°; 97.5-98.0 calcareous; 98.0 5cm as above; 98.0-98.5 white opaque coarse grained	96	120"	92"	74
DOLOMITIC MAGNESITE (98.0-105.0)			100		99.0 fracture @ 45°; 99.5-100.0 same as 98.0-98.5; contact sharp				
0.5cm long bladed magnesite crystals in grey black matrix, many calcite coated fractures					101.0 calcite coated fracture @ 30°; contact gradational	104	96"	96"	100
MAGNESITE (105.0-108.5) white to gray fine grained						106	24"	24"	100
DOLOMITIC MAGNESITE (108.5-113.5)			110		contact sharp				
faint (1.0-1.5cm) white magnesite crystals in grey matrix, dolomitic. numerous thin green wavy, irregular calcareous vienlets					contact gradational		120"	120"	100
MAGNESITE (113.5-145.0) white, medium to fine grained numerous zones of grey mottling with associated fine grained disseminated pyrite			120		116 fracture @ 30° striated @ 10° to strike; 116.5 fracture @ 60°; 120.0 calcite coated fracture @ 20°	116			

SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
8718012	97.3	0.83	0.99	0.34	0.17	51.28
8718013	96.8	1.78	0.93	0.12	0.06	51.09
8718014	91.0	0.79	7.15	0.42	0.19	50.48
8718015	87.0	7.88	3.62	0.55	0.19	49.51
8718016	96.3	1.28	1.86	0.24	0.06	51.77
8718017	93.0	5.30	0.96	0.30	0.08	50.44
8718018	95.6	2.30	1.44	0.29	0.19	50.78
8718019	94.0	2.56	1.62	0.87	0.53	50.34
8718020	84.6	0.98	1.73	7.71	3.99	47.61
8718021	95.6	0.90	0.96	1.50	0.70	51.31
8718022	85.9	1.01	1.39	6.26	4.60	47.64
8718023	94.7	0.74	1.60	1.52	1.08	51.21

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			120				120"	120"	100	8718024	97.6	0.94	1.09	0.28	0.19	51.8
LOST CIRCULATION 128'					126.5-129.0 yellowish weathered zone cut by several thin calcite vienlets and pyrite vienlets and disseminated grains, friable vuggy	126				8718025	93.5	2.84	2.94	0.35	0.19	50.48
			130													
131.5-132.5 same as 126.5-129.0							120"	126"	100	8718026	96.1	2.60	1.28	0.06	0.08	51.03
135.0-135.5 same as 126.5-129.0 with less calcite and pyrite					137.0 calcite coated fracture @ 10°	136										
			140		138.0 core strongly rust stained along sharp fracture @ 30° core broken					8718027	95.8	1.92	1.82	0.08	0.04	51.22
					139.0-141.0 trash and weathered pyrite vienlets		120"	120"	100							
					142.0-143.0 same as 138.0					8718028	97.0	1.20	1.62	0.10	0.08	51.78
					144.5 rusty calcite coated fracture @ 60											
MAGNESITE (145.0-159.5) white, course grained grading through medium to fine						146										
			150							8718029	97.8	0.47	1.41	0.09	0.08	52.07
grained below 153.0, fresh to very fresh except lower 2.5 feet which is yellowed porous and contains 1-2mm grains of weathered pyrite							120"	120"	100	8718030	98.6	0.45	0.99	0.09	0.08	52.18
						156										
					159.5 mud and stones infilling fracture contact sharp @ 30°					8718031	95.0	0.88	2.59	0.63	0.32	51.74
~~MAGNESITE (159.5-166.5)~~ course bladed (2cm) white magnesite crystals in black carbonaceous shaley, matrix calcareous			160		160.0 1cm calcite vienlet adjacent to fracture @ 30° healed with calcite cemented mud. contact gradational		120"	120"	100	8718032	84.7	0.37	4.05	7.52	2.36	48.8
						166										
MAGNESITE (166.5-182.0 transition to unit above			170							8718033	89.1	0.39	6.94	7.43	1.46	49.47
course grained white magnesite crystals in grey matrix becoming lighter in color with depth, grading into course magnesite - euhedral crystals some with salmon color. Bladed crystals decrease in size with depth to fine grained at bottom of unit. Pyrite vienlets common below 173.5 usually bounding					173.0-175.5 rusty, weathered calcareous, calcite vienlets @ 10°		120"	120"	100	8718034	92.9	1.36	1.97	2.58	1.01	50.69
						176										
					176.0-176.5 1mm thick fresh pyrite vienlet					8718035	88.8	3.93	2.93	3.02	0.76	49.06
			180													

magnesite clots

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HOLE NO. 87-18

SHEET 4 OF 4

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			180		186.5 - 182.0 Coarse grained wh.t opaque band, slightly yellow from weathering along rough subvertical fracture						sec	previous		page		
MAGNESITE (182.0 - 189.5) light grey thin green waxy vienlets					186.5 2-core breaks @ 30° and 40°	186				B718036	91.6	0.77	2.86	2.81	1.45	50.69
			190							B718037	95.4	0.57	0.99	1.59	1.03	51.17
MAGNESITE (189.5 - 196.5) greyish white, medium grained, light green, semi-translucent talcaceous grains					192.0 Calcite coated lightly stained fracture @ 30° 193.0 lightly stained fracture @ 20° with some calcite coating 195.5 pink grains		120"	120"	100							
			FM							B718038	92.7	0.47	1.02	3.94	1.35	50.65
DOLOMITE (196.5 - EOH) grey black, aphanitic					Contact very sharp although top 5 feet contains coarse bladed white magnesite crystals	196										
			200													
green wavy banding below 214.0							120"	120"	100	SAMPLED						
						206										
			210				60"	60"	100	NOT						
						211										
							60"	60"	100							
						214										
			220		TD = 206 feet											
			230													
			240													

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HOLE NO. 87-19
SHEET 1 OF 5

Location Salmo BC | Bearing 41°30' | Northing 16 818.59 m | Property Mount Brussilof | O.B. depth
Date collared Oct 7, 1987 | Length 286 feet | Easting 7,520.10 m | Core size BQ (1½ inch) | Logged by FDM
Date completed Oct 8, 1987 | Dip -70° | Collar elev 1,424.7 m amsl | Scale of log 1"=10' | Date October 9, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Internal Length	Recov'd Length	Percent Recovery	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
Fill (0-3.0)																
Overburden (3.0-12.0)					Good Ore 213.5-259.5 = 46 ft											
			10													
Casing set to 12 feet						12										
Magnesite (12.0-51.0) wht, fine grained, fresh with several thin (30cm) weathered, iron stained, friable intrusks, disseminated pyr. throughout, grey black grains common					14.5-16.0 lightly weathered, yellowed. 14.0-16.0 thin pyrite vienlets		48"	48"	100	8719001	93.2	4.08	1.76	0.54	0.24	50.56
						16										
			20		21.0 fracture @ 30°, 35° and 0°					8719002	93.4	3.05	2.62	0.47	0.12	50.14
					20.0-24.5 thin pyrite vienlets 22.5 fracture at 15°		120"	120"	100	8719003	93.2	4.40	1.82	0.15	0.08	50.57
					22.5-23.5 Strongly weathered, friable crushed pursuit											
					23.5 fracture @ 20°	24										
					24.0 " @ 30°											
					27.0 fracture rough @ 60°					8719004	96.2	0.53	2.28	0.51	0.16	51.73
			30		29.0 healed fracture @ 30° 30.0 fracture @ 80°											
33.0 two fractures @ 50° and 120° 32.5 fracture @ 35°					31.0 two recalled fractures @ 30° and one @ 45° 32.0-33.5 lightly weathered, yellowed thin pyrite vienlets		120"	120"	100	8719005	95.6	1.51	2.21	0.38	0.12	50.84
						36										
					37.5-38.0 thin pyrite vienlets 37.5-39.0 fractures @ 40°, 45°, 55° and 70°					8719006	96.2	0.79	2.01	0.57	0.22	51.51
			40													
42.5-43.0 yellow orange calcareous clasts					40.0 fracture @ 20°		120"	120"	100	8719007	96.2	0.70	1.94	0.56	0.22	51.72
45.0-46.0 thin pyrite vienlet					43.5 rough fractures @ 20° and 150°											
					45.0 fracture @ 40°	46										
					46.0 fracture @ 20°					8719008	96.8	0.82	1.75	0.23	0.08	51.74
			50		50.0 two fracture @ 30° and 60°											
Magnesite (51.0-53.5) light yellowish to orange, fine grained, slightly friable, porous limonite vienlets					51.0 fracture @ 20°		120"	120"	100	8719009	95.4	1.50	1.91	0.58	0.24	51.59
						56										
Magnesite (53.5-60.0) light orange, fine grained friable, porous, lightly to moderately weathered					57.5 fracture @ 20°					8719010	96.2	1.74	1.36	0.22	0.06	51.22
			60		58.0 pyrite vienlets weathered 58.5 calcite coated fracture @ 20°					8719011	97.1	0.87	1.43	0.32	0.06	51.93

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ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Footage	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	CORE RECOVERY: Recov'd Length	CORE RECOVERY: Percent Recov'ry	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
	60	63.5 fractures @ 20° and 30° crosscutting		120"	120"	100	8719012	95.9	2.05	1.65	0.28	0.08	51.20
MAGNESITE (65.5-68.5) fine grained, yellowed, lightly to weathered, dissemenated pyrite (1-2mm)		65.5 orange, strongly weathered friable; 67.0 fracture @ 30°	66				8719013	96.8	0.96	1.72	0.22	0.04	51.87
MAGNESITE (68.5-82.0)	70												
white, fine grained, fresh Minor disseminated pyrite				120"	120"	100	8719014	96.8	0.86	1.69	0.40	0.08	51.77
		75.5-76.5 numerous clots of pyrite veinlets	76										
	80	78.5 break @ 10°					8719015	95.9	1.13	2.14	0.39	0.16	51.39
		80.5 numerous clots of pyrite (2-3mm) 82.		120"	120"	100							
MAGNESITE (82.0-89.0) fine grained, light orange to orange, friable, porous moderately calcareous, weathered, limonite vienlets and disseminated pyrite throughout WATER CONDUIT		82.0 ankerite vienlet 3mm @ 30°					8719016	88.8	2.05	8.3	0.34	0.16	51.27
			86										
MAGNESITE (89.0-102.5)	90												
white, fine grained, fresh, numerous discontinuous grey black stringers, disseminated pyrite throughout		90.5 pyrite vienlet; 92.0 pyrite vienlet; 92.5 fracture @ 25° irregular		120"	112"	93	8719017	95.5	2.51	1.48	0.16	0.06	51.47
		95.0-96.0 clots of pyrite to 1cm	96										
	100	97.0-98.0 numerous pyrite vienlets					8719018	92.8	4.37	2.18	0.34	0.06	50.78
		100.0-102.0 numerous thick pyrite vienlets		120"	120"	100							
MAGNESITE (102.5-111.0) fine to medium grained, lightly weathered, yellowish occasional weathered pyrite vienlets		103.5 fracture @ 50°; 104.5-106.5 grey black grains; 105.0 pyrite vienlet					8719019	97.5	0.92	1.20	0.22	0.04	51.96
	110	106.0 fracture @ 40°; 109.0 rough break @ 50°; 109.5-111.0 grey black vienlets and grains	106				0719020	97.9	0.65	1.18	0.22	0.06	52.06
MAGNESITE (111.0-126.0) white, fresh fine grained to medium grained, with frequent intervals containing grey black grains and stringers with associated fine grained pyrite		110.5-111.0 black grains; 113.5-114.5 pyrite vienlet		120"	120"	100	8719021	96.1	1.57	1.61	0.28	0.06	51.49
	120	117.5-119.0 numerous grey black grains; 120.0 grey black grains	116				8719022	96.0	1.56	1.68	0.24	0.14	51.52

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOV'D PERCENT	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			120		120.5 grey black grains		120"	120"	100							
					122.0 rough break @ 40°					8719023	96.8	0.69	1.96	0.24	0.14	
					124.5 fracture @ 35°											
					126.5 – 132.0 numerous grey black grains with associated pyrite	126										
			130							8719024	95.4	2.08	1.89	0.19	0.14	
					131.0 irregular fracture @ 20°		120"	120"	100							
					134.0 pyrite violets					8719025	96.5	1.37	1.51	0.16	0.08	
					135.0 fracture @ 35°											
					135.5 – 138.0 grey black grains	136										
					137.0 two fractures @ 25° striking @ 45° to each other					8719026	97.0	1.09	1.33	0.19	0.12	
			140													
					141.0 fracture @ 20°		120"	120"	100							
					143.0 – 143.5 grey black streaks					8719027	96.9	0.76	1.48	0.35	0.16	
					145.0 – 146.0 grey black grains	146										
			150		149.5 – 150.0 grey black violets					8719028	96.3	0.67	2.04	0.38	0.20	
					154.0 fracture @ 35°		120"	120"	100							
					155.5 – 156.0 grey black grains					8719029	96.4	0.47	2.09	0.54	0.34	-
						156										
			160		159.5 – 160.5 grey black grains					8719030	97.6	0.61	1.46	0.23	0.11	
							120"	120"	100							
										8719031	96.6	0.73	1.72	0.43	0.32	
						166										
										8719032	97.0	0.52	1.76	0.20	0.12	
			170		170.0 fracture @ 20°											
							120"	120"	100							
					174.5 fracture @ 20°					8719033	97.7	0.59	1.37	0.09	0.11	
						176										
					178.0 fracture @ 30°											
			180		178.0 – 180.0 grey black grains					8719034	97.4	0.76	1.22	0.19	0.20	

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOV'D PERCENT	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			180		181.5 – 182.0 3 rough fractures @ 20° 182.0 – 182.5 grey black graining		120"	120"	100	8719035	97.2	0.72	1.23	0.37	0.20	51.81
						186										
MAGNESITE (186.0 – 196.0) fine grained, fresh, white with black grains and stringers					187.0 – 188.0 irregular subvertical fracture					8719036	97.2	0.96	1.30	0.11	0.16	51.56
			190													
throughout, disseminated pyrite and pyrite discontinuous stringers throughout					192.0 two fractures @ 25° crosscutting 193.0 fracture @ 30° rusty		120"	120"	100	8719037	92.3	5.30	1.47	0.24	0.20	50.52
						196										
MAGNESITE (196.0 – 213.5) fine grained, grey with w.l.g										8719038	96.8	1.96	1.02	0.24	0.16	51.41
			200													
coarse grained bands to 10cm frequent intrusions of thin black bands, pyrite veinlets common every 20-30cm, disseminated pyrite common					201.0 – 201.5 pyrite veinlets		120"	120"	100	8719039	95.8	2.25	1.08	0.27	0.21	51.27
					205.0 – 206.0 irregular subvertical fracture	206										
										8719040	96.3	1.74	1.20	0.25	0.18	51.41
			210													
							120"	120"	100	8719041	94.9	2.26	1.38	0.65	0.36	51.07
MAGNESITE (213.5 – 240.0) as above with only rare black banding and occasional coarse grained bands						216										
					217.5 fracture @ 30°					8719042	96.2	0.67	1.73	0.56	0.45	51.76
			220													
					221.0 yellowed 221.5 fracture @ 25° 223.0 fracture @ 30° 224.0 " " 10° 225.5 fracture @ 20°		120"	120"	100	8719043	96.3	0.48	1.7.	0.59	0.53	51.79
						226										
227.5 sugar calcite crystals										8719044	95.7	0.44	2.23	0.68	0.62	51.71
			230		228.0 fracture @ 30° 228.5 " " 30°											
					234.0 fracture @ 40°		120"	120"	100	8719045	97.3	0.54	1.50	0.35	0.20	51.81
					235.5 fracture @ 40°	236										
										8719046	95.4	0.61	1.61	1.08	0.89	51.73
			240													

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HOLE NO. 87-19

SHEET 5 OF 5

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
MAGNESITE (240.0 – 259.5) grey, fine grained, with numerous black grains			240		243.0 iron stained minor pyrite veinlets 244.0 fractures @ 40°, 50°, 30° 245.0 fracture @ 40° 245.0 fracture @ 40°		120"	120"	100	8719047	94.6	0.63	2.10	1.48	0.98	51.2
						246										
			250							8719048	90.3	0.50	1.23	5.08	2.28	49.5
252.0 – 254.0 grey dolomitic band with very fine grained bleeded magnesite crystals 255.0 – 255.0 same as above					253.5 fracture @ 50° 254.0 light pinkish hue		120"	120"	100	8719049	86.5	1.16	2.09	8.42	1.19	48.9
						256										
DOLOMITIZE (259.5 – 286.0)			FW 260		258.0 fracture @ 45° 259.0 " " "		60"	60"	100	8719050	20.0	2.45	0.90	59.4	15.3	11.79
SERPENTINE interbedded thin (in mm's) to thick (in cms) bands of grey siliceous dolomite in grey green waxy serpentine bands appear banded, horizontal					occasional fractures @ 55-60 Core broken into 3-10cm pieces	261										
							60"	50"	83	8719051	93.2	0.50	1.98	2.76	1.02	51.16
			270			266										
						270	48"	48"	100							
							72"	72"	100	SAMPLED						-
			280			276										
							60"	60"	100	NOT						
281.0 5cm rhomb of calcite with quartz crystal (vug?)				1	284.0 – 285.0 smooth vertical fracture	281										
							60"	60"	100							
					TOTAL DEPTH 286 feet	286										
			290													
			300													

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HOLE NO. 87-20
SHEET 1 OF 6

Location RADIUM B.C. | Bearing nil | Northing 16,785.17 m | Property MOUNT BRUSSILOFF | O.B. depth nil
Date collared SEPT 20, 1987 | Length 336 feet | Easting 7,561.25 m | Core size BQ (1½") | Logged by FDM
Date completed SEPT 22, 1987 | Dip 90° | Collar elev. 1,431.6 m amsl | Scale of log approx 1"=10' | Date SEPT 21, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'RD. LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
LOST CIRCULATION AT TOP OF HOLE CASING SET TO 6 FEET						6										
MAGNESITE (6.0–22.0) fresh, white, fine grained, fine pyrite as vienlets to 1cm			10							8720001	94.0	2.88	1.95	0.55	0.19	50.63
thick, as clots to 1cm in diameter and disseminated throughout Core breaks are common but Core appears to have few if any natural fractures			20			16	120"	120"	100	8720002	92.0	5.65	1.40	0.36	0.13	50.80
										8720003	94.7	3.28	1.37	0.19	0.15	52.00
MAGNESITE (22.0–75.0) fresh, white, medium grained, pyrite as vienlets to 1cm thick, as clots to 1cm in diameter and disseminated throughout Core breaks are common			30			26	120"	120"	100	8720004	94.0	3.64	1.26	0.35	0.20	51.49
										8720005	94.4	3.51	1.34	0.20	0.12	51.36
but Core appears to have few natural fractures			40			36	120"	120"	100	8720006	94.1	3.35	1.32	0.15	0.07	51.52
										8720007	92.4	4.73	1.37	0.30	0.20	57.19
			50		42.5–44.0 thick pyrite vienlets 47.0–47.5 thick pyrite vienlets	46	120"	120"	100	8720008	80.3	15.9	1.29	0.34	0.13	49.70
										8720009	86.1	11.4	1.35	0.21	0.12	50.74
			60		55.0–57.0 thick pyrite vienlets 58.0–61.0 thick pyrite vienlets	56	120"	120"	100	8720010	91.2	5.8	1.48	0.47	0.21	51.14
										8720011	76.2	21.4	1.21	0.26	0.13	49.11

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-20

SHEET 2 OF 6

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			60	X			120"	120"	100	8720012	90.0	7.6	1.19	0.38	0.20	51.08
						66										
			70							8720013	96.8	1.92	1.21	0.18	0.13	51.68
				X			120"	120"	100	8720014	92.2	5.6	1.21	0.31	0.10	51.37
MAGNESITE (75.0–110.0) fresh, white, opaque, bladed crystals common, medium					76.0 thin pyrite vienlets	76										
			80		78.5 thin pyrite vienlets					8720015	96.6	1.13	1.39	0.34	0.20	52.18
to coarse grained, frequent dark grey grains, occasional thin pyrite vienlets surrounding magnesite masses. Minor disseminated pyrite					82.0–83.0 thin pyrite vienlets		120"	120"	100	8720016	96.5	1.58	1.24	0.13	0.13	51.72
			90			86				8720017	97.1	0.78	1.29	0.07	0.08	52.12
					91.0 thin pyrite vienlet		120"	120"	100	8720018	97.5	0.79	1.37	0.11	0.07	52.1
					96.0 pyrite vienlet surrounding magnesite clot and vein	96										
			100		98.0 thin pyrite surrounding 15cm dia. magnesite clot					8720019	96.7	1.33	1.35	0.19	0.08	51.89
					99.0–106.0 grey grains with finely disseminated pyrite and thin pyrite vienlets		120"	120"	100	8720020	95.7	1.91	1.45	0.29	0.12	51.92
					104.0 1–2mm thick pyrite vienlet	106										
			110		106.5 2mm thick pyrite vienlet surrounding magnesite clot					8720021	97.1	1.04	1.31	0.22	0.08	51.98
MAGNESITE (110.0–125.0) fresh, white, fine grained					108.0–109.0 dark reddish brown weathered pyrite fracture											
					110.0–119.0 frequent thick pyrite vienlets surrounding clots and veins of magnesite		120"	120"	100	8720022	83.5	13.9	1.42	0.26	0.12	50.24
						116										
			120		119.0–121.0 thin black pyritic vienlets and disseminated pyrite					8720023	88.0	9.0	1.39	0.38	0.20	50.59

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			120				120"	120"	100	8720024	45.0	1.58	1.39	0.84	0.59	51.20
MAGNESITE (125.0 – 155.0) fresh, medium grained, white, with frequent light grey grains, White below 146.0			130		127.0 numerous 2-3mm thick pyrite vienlets surrounding magnesite clots	126				8720025	94.3	2.64	1.58	0.47	0.29	51.32
					131.0 – 133.0 thick pyrite vienlets and clots		120"	120"	100	8720026	87.8	9.2	1.50	0.38	0.21	50.51
					136.0 – 138.0 thin pyrite vienlets spaced @ 10cm	136				8720027	95.0	1.72	1.31	1.13	0.08	51.94
			140													
					141.5 – 143.0 Numerous thin pyrite vienlets		120"	120"	100	8720028	93.3	4.24	1.36	0.44	0.21	51.04
					145.0 – 147.0 11 pyrite vienlets spaced at 12cm and some disseminated pyrite	146				8720029	96.0	1.52	1.64	0.42	0.15	51.42
			150													
							120"	120"	100	8720030	97.7	0.88	1,18	0.30	0.09	51.81
MAGNESITE (155.0 – 173.0) white, fresh, fine grained with coarse grained bands,						156										
			160							8720031	82.8	13.9	1.70	0.41	0.17	49.29
Numerous pyrite vienlets 1-3mm thick and clots to 5mm					161.5 lightly rust stained fracture @ 20°		120"	114"	95	8720032	82.3	9.4	6.8	0.38	0.21	44.93
167.0 2cm clot of fine grained pyrite					162.0 calcite rich crosscut by vertical smooth mudfilled fracture	166										
			170		162.0 – 166.0 weathered to strongly weathered 165.0 – 166.0 Core crushed, limonite					8720033	95.0	2.43	1.77	0.46	0.17	51.43
					170.5 – 171.5 lightly yellowish calcareous		120"	120"	100	8720034	96.9	0.54	1.63	0.44	0.13	52.17
					172.0 wispy calcite veins											
MAGNESITE (173.0 – 198.0) White, fresh, medium grained					176.0 Fracture, clean, @ 45°	176										
			180		176.5' Rough core break @ 65°					8720035	96.5	0.43	2.05	0.51	0.21	52.42

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
			180		181.0 – 181.5 2 fractures @ 30° cross cut by fracture at 60°		120"	120"	100	B720036	96.0	0.40	2.59	0.55	0.22	52.21
					181.5 – 182.0 2 – 5mm calcite veins very vuggy with calcite crystals growing in vugs											
					184.0 Calcareous yellowed cross-cut by fracture @ 40° and 0°	186										
			190		183.5 Core break @ 60°					B720037	97.3	0.43	1.48	0.80	0.19	51.97
					193.0 Calcite coated fracture @ 45°		120"	120"	100	B720038	97.0	0.49	1.76	0.56	0.24	52.29
					194.5 – 196.5 Yellowed calcareous cross cut by fracture @ 45°	196										
					196.5 – 201.0 yellowed calcareous					B720039	97.3	0.47	1.64	0.35	0.13	52.22
MAGNESITE (198.0 – 252.0')			200		199.5 – 201.5 faint grey black banding @ 30°											
fresh, fine to medium grained, light grey speckled					201.0 Calcite coated fracture @ 30°		120"	120"	100	B720040	97.5	0.44	1.61	0.34	0.11	52.48
					202.5 – 204.5 Numerous healed fractures @ 20° @ 40°	206										
			210		209.5 Core break @ 50°					B720041	96.7	0.39	1.20	0.84	0.43	52.2
					215.0 – 216.0 lightly yellow		120"	120"	100	B720042	96.7	0.37	1.14	0.83	0.50	51.91
					216.0 – 220.0 Numerous fractures @ 10° @ 30°	216										
			220							B720043	96.2	0.37	1.85	0.94	0.37	51.93
					220.5 – 222.0 lightly yellowed calcareous porous		120"	120"	100	B720044	95.8	0.36	1.70	1.86	0.56	51.94
					222.0 2 – fractures @ 20°											
					223.0 lightly yellowed, fractured @ 30°	226										
					226.5 " " @ 60°					B720045	97.6	0.32	1.11	0.65	0.22	52.34
			230		229.0 Cross cutting fractures @ 40, 45°											
					230.0 – 236.0 Several fractures @ 45°, some calcite healed		120"	120"	100	B720046	96.9	0.32	1.54	0.67	0.22	52.11
						236										
			240		238.0 and 238.5 Calcite healed fracture @ 45°					B720047	97.2	0.29	1.26	0.70	0.30	52.25

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOV'Y PERCENT	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			240		241.0 Fracture clean @ thin calcite veins @ 350 over 10cm, slightly yellowed		120"	120"	100	8720048	96.8	0.32	1.74	0.69	0.22	52.18
					243.0 Cross cutting healed fracture @ 30 and 45°	246										
					245.5 and 246.5 fracture @ 35°					8720049	95.5	0.32	3.67	0.60	0.21	52.43
			250		245.0 - 251.0 faint then discontinous grey bands subparallel											
					250.0 fracture @ 20°		120"	120"	100							
MAGNESITE (252.0 - 264.0) white, opaque, fresh, very coarse grained, chalk-like apperance					252.0 - 256.5' yellowed, calcareous throughout					8720050	53.6	0.12	43.0	1.48	0.56	47.11
						256				8720051	49.7	0.11	43.3	4.59	1.32	45.71
			260				120"	120"	100	8720052	57.1	0.16	38.7	2.55	0.73	47.00
MAGNESITE (264.0 - 268.5) white, fine grained, fresh						266				8720053	90.4	0.31	3.7	3.89	1.03	50.58
			270													
MAGNESITE (268.5 - 273.5 fresh, wh.G, opaque very coarse grained chalk appearance but harder					273.5-274.5cm thick light green fat vein and club @ 60° - 70°		120"	120"	100	8720054	48.6	0.17	41.7	6.84	1.90	46.02
MAGNESITE (273.5 - 289.0 fresh, medium grained, white with 30% grey grains						276				8720055	87.6	0.37	6.1	4.15	1.21	50.43
			280													
							120"	120"	100	8720056	95.9	0.35	1.77	1.24	0.47	51.79
					285.0 2 core breaks @ 35°	286										
					286.5 healed fracture @ 20°					8720057	97.3	0.48	1.62	0.04	0.47	51.39
			290													
MAGNESITE (289.5 - 300.5 fresh, light grey fine to medium grained					291.5 12cm dark grey band with white magnesite crystals and thin black banding (lower 20cm)		120"	120"	100	8720058	94.7	0.35	1.95	1.66	0.78	50.67
					293.0 fracture @ 40°, clean, sharp	296										
										8720059	94.7	0.42	1.54	2.28	0.76	50.61
			300													

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: FOOTAGE	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
MAGNESITE (300.5 - 309.5) white with 30% black grains, fresh, fine grained	300	303.5 - clean sharp fracture @ 40°		120"	120"	100	8720060	94.1	0.39	3.49	0.81	0.27	50.8[illegible]
		305.5 - 306.0 healed subvertical fracture; 308.0 calcite filled thin vuggy fracture @ 40°	306				8720061	95.9	0.39	2.52	0.86	0.27	51.00
MAGNESITE (309.5 - 313.5) white, fresh, fine grained	310; FW	314.0 Gray dolomitic band cross cutting [illegible] 1 mm thick green waxy talcaceous [illegible] lighter grey band 20cm thick		120"	120"	100	8720062	97.6	0.41	1.54	0.06	0.31	51.61
DOLOMITIC MAGNESITE (313.5 - 321.0) variable transition unit, grey white, mottled, fine grained with some grey aphanitic siliceous dolomitic bands (Solution Breccia)	320	317.0 [illegible] core break; 318 2 cross cutting fractures @ 40° strike parallel.	316				8720063	83.8	0.86	12.2	1.11	1.01	47.09
ARGILLACEOUS DOLOMITE (371.0 - EOH) grey aphanitic, slightly calcareous, interbedded with thin black argillaceous stringers, some 1 to 5mm thick magnesite stringers between argillaceous bands. Argillaceous bands spaced at 3cm increasing to 7 to 8 cm with depth	330	Bedding at 40° flattening to 35°		96"	96"	100	NOT SAMPLED						
		Core breaks easily along argillaceous bands. Difficulty was experienced in drilling this unit due to jamming in the tube resulting from badly broken core intersected by subvertical fractures	324	54"	54"	100							
			328.5	30"	30"	100							
			331	60"	60"	100							
		TD = 336.0	336										
	340												
	350												
	360												

F.D. McCosh Resource Consultants Ltd

HOLE NO. 87-21
SHEET 1 OF 5

Location RADIUM B.C. | Bearing — | Northing 16,749.16 m | Property MOUNT BRUSILOFF | O.B. depth 6 FT
Date collared SEPT 19, 1987 | Length 278 feet | Easting 7,602.98 m | Core size BQ (1½") | Logged by FDM
Date completed SEPT 20, 1987 | Dip 90° | Collar elev. 1,438.5 m a.m.s.l. | Scale of log 1" = 10' | Date SEPT 20/21 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Structure	MINERALIZATION AND STRUCTURE	Footage Blocks	Core Recovery: Interval Length	Recov'd Length	Percent Recovery	Sample Number	Assay Results (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
FILL (0.0 - 6.0)					GOOD ORE 56-66 = 10.0 103.5-130.0 = 26.5 152.0-181.0 = 29.0 65.5											
CASING SET TO 6FT						6										
-MAGNESITE (6.0 - 23.0) white to light yellow, fine			10							8721001	96.0	1.50	1.37	0.55	0.25	51.78
grained, light to moderately weathered with localized zones of intense weathering, disseminated dots and grains of pyrite common							120"	66"	53	8721002	95.5	2.50	1.31	0.34	0.19	51.56
						16										
					18.0 Thick limonite along horizontal break					8721003	96.0	2.08	1.33	021	0.13	51.79
			20													
					21.0 moderate to strongly weathered 21.5 10cm intensely weathered thick limonite vienlet		120"	120"	160	8721004	96.0	2.08	1.24	0.35	0.21	51.90
						26										
MAGNESITE (23.0 - 56.0) whit medium grained bladed crystals in yellowish and pinkish matrix moderately to extremely							60"	60"	100	8721005	94.8	2.74	1.22	0.46	0.30	51.61
						31										
weathered.					3		60"	14"	24	8721006	95.5	2.57	1.27	0.19	0.25	51.81
						36										
							72"	12"	16	8721007	95.6	1.31	1.91	0.48	0.38	51.98
			40		31.0 - 46.0 Core either ground to sand or lost altogether											
						42				8721008	96.0	1.85	1.45	0.28	0.15	51.79
							48"	2"	4							
						46				NO CORE TO SAMPLE						
			50													
54.0 - 55.5 fine grained band.					54.0 numerous pyrite veins		120"	45"	36	8721009	97.7	0.81	1.21	0.26	0.13	52.24
53.0 - 56.0 transition from strongly weathered to fresh					53.5 " " "											
					55.0 single pyrite vienlet	56										
MAGNESITE (56.0 - 66.0). white, coarse grained, fresh			60							8721010	97.3	0.98	1.12	0.14	0.40	52.23

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	Footage Blocks	Core Recovery: Interval Length	Core Recovery: Recov'd Length	Core Recovery: Percent Recovery	Sample Number	Assay Results (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			60				120"	120"	100	8721011	94.5	2.67	1.43	0.40	0.38	51.75
						66										
MAGNESITE (66.0-98.0) course grained, white					66.0-67.0 strongly weathered pyrite vienlets, core friable and weathered					8721012	96.0	1.52	1.63	0.27	0.25	52.02
			70													
with numerous (more than 50% of unit) moderately to strongly weathered zones associated with numerous vienlets of pyrite weathered to limonite					71.0-71.5 same as 66.0-67.0		120"	96"	80	8721013	93.6	2.60	2.04	0.77	0.49	51.88
						76										
					77.5-78.0 same as 66.0-67.0 78.0-79.0 numerous fresh pyrite vienlets					8721014	96.0	1.27	1.42	0.22	0.70	52.25
			80													
					80.0-84.0 same as 66.0-67.0 84.0-86.5 numerous fresh pyrite vienlets		120"	120"	100	8721015	94.8	2.83	1.37	0.43	0.26	51.38
						86										
					86.5-88.0 same as 66.0-67.0 88.0-91.0 rusty moderately weathered					8721016	92.9	3.72	2.63	0.20	0.16	50.83
			90													
LOST CIRCULATION @ 92.0 ft					91.0-94.0 same as 66.0-67.0		120"	120"	100	8721017	95.7	1.92	1.46	0.41	0.16	51.75
						96										
										8721018	94.1	1.02	3.04	1.29	0.31	51.05
MAGNESITE (96.0-103.5)			100													
white, fresh, coarse grained							120"	120"	100	8721019	97.6	0.65	1.30	0.35	0.16	51.98
MAGNESITE (103.5-130.0) white to very light grey, medium to fine grained					104.0-108.0 black grains containing some fine grained disseminated pyrite	106										
					108.5 white paste like substance (HUNTITE?) 109.0 core strongly weathered yellow calcareous		48"	48"	100	8721020	96.6	0.68	1.71	0.58	0.21	52.16
			110			110										
107.5 rusty weathered along core break					110 fracture @ 30° some ground core, trace of huntite		72"	72"	100	8721021	96.0	0.62	1.92	1.12	0.38	51.83
					114.5 2 fractures @ 30°, one yellowed with calcite	116										
					116.0 1cm white paste like substance (HUNTITE?) 116.5 fracture @ 45°					8721022	96.8	0.62	1.97	0.80	0.28	52.17
			120													

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	CORE RECOVERY: Recov'd Length	CORE RECOVERY: Percent Recovery	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
			120		121.0 4 cm hard white band. cross cut by rusty fracture @ 30°		120"	120"	100	8721023	97.4	0.75	1.23	0.38	0.20	51.99
					121.5 7 cm hard white band.											
					123.5 - 124.0 4 black veinlets containing fine grained pyrite core slightly deformed	126										
					128.0 40° mud filled fracture cross cut by vertical sharp fracture					8721024	96.3	0.57	1.49	1.04	0.38	51.84
			130													
MAGNESITE (130.0 - 152.0) medium to coarse grained light grey weathered orange to yellow with several zones of intensely weathered rock coinciding with high intensity of pyrite					128.5 rusty broken core. 130.0 rusty irregular break @ 20° containing fine powdery crystal coating		120"	120"	100	8721025	93.4	4.56	1.24	0.40	0.15	51.46
					130.5 - 131.5 moderately weathered rusty core crosscut by subvertical fracture	136										
					132.5 - 136.0 moderately weathered numerous pyrite veinlets some bounding magnesite clots					8721026	92.0	4.42	1.96	0.71	0.35	51.47
veinlets weathered to limonite					140.0 - 140.5 moderate to strongly weathered core crosscut by numerous pyrite veinlets weathered to limonite		120"	120"	100	8721027	95.8	1.42	1.58	0.53	0.35	51.96
					141.0 - 141.5 extremely friable weathered, rusty to H2O	146										
146.0 3 fractures at 20°, 40° and 20° all cross cutting					143.5 - 146.0 ground and very friable core several cross cutting fractures					8721028	96.9	1.05	1.23	0.29	0.15	52.38
			150													
					149.0 2 fractures @ 20° + 40° cross cutting		120"	120"	100							
MAGNESITE (152.0 - 181.0) white to light grey, medium to coarse grained fresh					151.5 - 157.0 numerous fractures					8721029	97.5	0.59	1.35	0.16	0.13	52.33
						156										
			160							8721030	98.0	0.47	1.23	0.16	0.10	52.43
							120"	120"	100	8721031	97.7	0.47	1.43	0.24	0.18	52.31
						166										
168.5 fracture @ 45°					168.0 - 168.5 fine grained, extremely friable, rust stained, very calcareous, facies					8721032	96.0	0.50	1.71	0.89	0.71	52.14
			170													
					173.5 clean sharp fracture @ 50°		120"	120"	100	8721033	97.5	0.51	1.46	0.29	0.12	52.31
						176										
			180							8721034	98.1	0.44	1.01	0.10	0.12	52.4

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ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: FOOTAGE	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
	180			120"	120"	100		see	previous	page			
MAGNESITE (181.0 -234.0) light grey, fine grained with occasional intervals of subparallel slightly darker grey bands with varying orientations		185.5-186.0 numerous thin cross cutting calcite yellowing the core and core break @60°					8721035	96.5	0.44	1.23	1.06	0.43	51.23
	190	187.5 sharp fracture @ 30° coated with fine brown powdery crystals	186				8721036	97.8	0.36	1.26	0.29	0.16	52.49
194.5-195.5 2-3mm parallel discontinuous dark grey bands @ 50°				120"	120"	100	8721037	97.5	0.38	1.40	0.29	0.18	52.39
199.0-201.0 Coarse grained interval	200	197.0-198.0 darker grey interval	196				8721038	95.6	0.36	2.33	1.12	0.61	51.90
				120"	120"	100	8721039	95.1	0.42	3.07	0.79	0.26	51 99
	210	207.0 mud coated lightly rust stained fracture @ 30°	206				8721040	93.2	0.39	5.00	0.60	0.30	52.09
213.0-215.5 2-3mm discontinuous grey subparallel bands @40		210.5 0.5cm white silaceous band @45° 211.5 core crushed and broken along weathered, mud filled fracture @ 30°		120"	120"	100	8721041	97.1	0.36	1.45	0.67	0.30	52.22
	220	219.0 fracture @ 60° mud coated	216				8721042	96.7	0.35	1.20	1.17	0.31	52.56
222.0-227.0 medium to coarse grained zone				120"	120"	100	8721043	97.1	0.36	1.55	0.19	0.25	51.90
225.5-226.5 irregular discontinuous subhorizontal band. 230.5-232.0 light grey increasing	230		226				8721044	96.0	0.44	2.00	0.86	0.39	51.64
to dark grey band with fine grained bladed magnesite crystals	FW			120"	120"	100	8721045	93.5	0.67	1.58	2.58	1.16	50.61
LIMESTONE (234.0 - EOH) grey, aphanitic, frequent black argillaceous bands (1-10mm thick) occasional thin white stringers of magnesite. Increasing calcite content with depth	240	Banding @ 40° decreasing to 20° below 242.0	236				Not SAMPLED						

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ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
frequent thin calcite stringers			240			241.5				NOT SAMPLED (241.5–278)						
Banding @ 25°							60"	60"	100							
						246.5										
245–249 graphitic shaley				\	248.0 polished, striated (@ 45° to strike) fracture @ 20° and	248	18"	18"	100							
			250	\	fracture @ 30°		72"	72"	100							
						254										
Banding @ 50°						257	36"	36"	100							
						258.5	18"	18"	100							
				\	257.0 polished fracture @ 20°											
			260				42"	42"	100							
				|	260.5–262.0 subvertical fracture	262										
Banding @ 50°					266.5 striated (@ 60° to strike) fracture @ 40°		84"	84"	100							
			270	|	268.5 subvertical fracture	269										
						272.5	42"	42"	100							
							66"	66"	100							
						278										
			280		T.D. = 278 feet											
			290													
			300													

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SHEET 1 OF 4

Location Kitimat B.C. | Bearing nil | Northing 16,728.42 m | Property MOUNT BRUSSILOFF | O.B. depth nil
Date collared Sept 25, 1987 | Length 204 feet | Easting 7,626.96 m | Core size BQ (1½ inch) | Logged by FDM
Date completed | Dip 90° | Collar elev. 1,430.0 m amsl | Scale of log approx 1"=10' | Date Sept 26, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Structure	MINERALIZATION AND STRUCTURE	Footage Blocks	CORE RECOVERY: Internal Length	Recov'd Length	Percent Recovery	Sample Number	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			10													
CASING SET TO 14 FEET						14										
MAGNESITE (14.0 - 47.0) white to lightly yellowed (where slightly weathered) with light orange staining in			20		14.0 light to moderately weathered several 1mm thick pyrite veinlets and Bounding 16.0-17.0 Pyrite veinlets and fragments & clots 17.0 dark reddish brown grains	16	24"	16"		8722001	95.0	1.01	2.80	0.79	0.23	51.52
moderately weathered zones, medium grained, faint dark reddish brown (haematite?) veinlets and grains common					21.0-22.5 moderately weathered, orange, friable, crosscut by 2 mud-filled fractures @ 20°		120"	120"	100	8722002	96.0	0.62	1.98	0.66	0.19	51.72
					25.5 fracture @ 20° 26.5 " " " 28.0 slightly rusty calcite-coated fracture @ 30°	26				8722003	95.2	0.56	3.18	0.08	0.56	52.09
			30				120"	120"	100							
					31.0-32.5 moderately weathered, light orange fractures 5-10cm apart @ 30°, 70°, 80°, 45°, 30°					8722004	97.3	0.56	1.47	0.06	0.33	51.88
					35.5 fracture @ 25° 37.5 " " 45°	36				8722005	97.0	0.97	1.41	0.17	0.12	52.14
			40		37.5-38.5 light orange, moderately weathered friable 38.5-40.0 light orange, pyrite veinlets											
					lightly weathered fractures @ 26° and 46° 41.0 fracture @ 35°		120"	120"	100	8722006	96.7	1.01	1.44	0.35	0.14	52.10
					44.5 fracture @ 60° bounded by 5cm orange, calcareous porous											
					46.0-46.6 two lightly stained fractures @ 90° and 20° minor calcite coating	46										
MAGNESITE (47.0-77.5)			50		48.5 two fractures @ 35° 49.0 fracture @ 35°					8722007	96.0	0.97	1.77	0.60	0.21	51.88
medium grained, light grey to white, yellowed, lightly weathered with several strongly weathered zones friables and crossed by numerous limonite zones. Grey black grains and veinlets frequent throughout except 60.0-66.0					51.0 " " " 53.0 strongly weathered to thick sand core, ground 53.0-54.0, 45° thick limonite 54.0-56.0 strongly yellowed.		120"	120"	100	8722008	92.6	4.54	1.84	0.08	0.31	51.13
					56.0 strongly weathered	56										
			60		59.0-59.5 strongly weathered.					8722009	95.9	1.68	1.38	0.06	0.54	51.38

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'ED LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			60		60.5 fresh 2mm thick pyrite vienlet 61.0 - 65.0 strongly weathered		120"	120"	100							
					64.5 rough fracture @ 20°											
65.0 - 66.0 coarse grained angular magnesite in orangey yellowed stained aphanitic matrix						66				8722011	92.6	1.18	1.65	0.31	0.12	51.84
			70		69.0 10cm light orange, friable slightly calcareous											
70.0 two fractures @ 40°					70.0 - 72.0 irregular weathered pyrite vienlets		120"	120"	100							
71.0 - 78.0 high concentration of black vienlets with associated thin wavy pyrite stringers					71.0 - 71.5 orange friable, porous calcareous					8722012	94.4	1.52	2.06	1.05	0.33	51.27
					77.0 rusty fracture @ 20°	76										
MAGNESITE (75.0 - 97.0)			80		77.5 mud filled fracture @ 60° 79.0 two fractures @ 20° and 40°					8722013	65.0	0.62	29.8	3.75	0.14	48.40
as above except whiter and coarser grained					81.0 lightly yellowed, wavy, fracture @ 20°		120"	120"	100							
					82.0 as above but healed					8722014	94.7	0.63	3.15	0.78	0.23	51.93
					83.0 lightly rust stained fracture @ 35°	86										
			90		89.5 two rough fractures @ 30°					8722015	96.8	0.58	1.64	0.41	0.16	51.77
93.0 calcite coated fracture @ 30° cross cutting thin ankerite vienlet @ 90° core orange and calcareous					91.0 orange calcite healed fracture @ 30° crosscut by 2 thin fractures @ 30°		120"	120"	100							
					94.0 two parralleling fractures @ 30° and 45°					8722016	96.6	0.63	1.79	0.55	0.17	51.80
					96.0 clean small fracture @ 25° cross cutting subparallel calcite coated fracture	96										
MAGNESITE (97.0 - 107.5)			100		98.5 - 99.0 thin subvertical calcite healed fractures					8722017	95.7	0.58	1.74	1.05	0.39	51.78
medium grained, grey, fresh					101.0 calcite coated lightly stained fracture @ 10		120"	120"	100							
						106				8722018	96.8	0.52	1.36	0.55	0.29	51.87
MAGNESITE (107.5' - 121.0			110													
white, coarse grained, fresh opaque. 114.5 - 116.5 - numerous dark reddish brown to grey black vienlets					112.5 calcite cemented mud infilling fracture @ 40°. 5cm of fracture walls, orange, porous, buggy (WATER CONDUIT) also 3cm thick calcite vien subparalleling fracture		120"	120"	100							
						116				8722019	97.0	0.47	2.10	0.31	0.14	51.43
			120							8722020	97.9	0.55	1.31	0.11	0.08	51.58

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	FOOTAGE	STRUCTURE	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	INTERVAL LENGTH	RECOV'D LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
	120				120"	120"	100		see	previous		page		
MAGNESITE (121.0–132.5) fine grained, white, fresh			123.0 – Same as 112.5					8722021	97.2	0.44	1.88	0.21	0.10	51.44
		\\	127.5 – fracture @ 50° 128.0 " " 55°	126				8722022	97.1	0.46	1.65	0.25	0.12	51.10
	130				120"	120"	100							
MAGNESITE (132.5–170.5) fine to medium grained with occasional bands of coarse grained (to 20cm thick), light grey to dark grey where coarse.		\	134.0 rough fracture @ 35° 134.0–135.0 core lightly yellow (?)					8720023	96.4	0.42	2.33	0.25	0.14	52.02
	140			136				8720024	96.7	0.43	1.68	0.43	0.27	51.83
frequent thin dark grey bands becoming greyer with depth			142.0 subvertical mud-filled irregular fracture cross cut by fracture @ 20° whose walls are orange calcareous porous for 2cm		120"	120"	100	8720025	92.9	0.46	5.1	0.65	0.39	51.64
	150		147.0 clean sharp fracture @ 30° 147.5 brownish irregular veinlet 149.0 mud coated fracture @ 35°	146				8720026	96.6	0.56	1.52	0.51	0.21	51.91
		|	153.5 6mm of mud infilling sharp fracture at 20°		120"	120"	100	8720027	94.6	0.53	3.62	0.59	0.21	52.16
	160	=	157.5 rough core break @ 60° 158.5 clean sharp fracture @ 55°	156				8720028	95.3	0.48	2.82	0.62	0.33	52.00
		–	160.5 clean sharp fracture @ 65°		120"	120"	100	8720029	97.4	0.46	1.38	0.59	0.17	51.98
168.0–170.5 increasing greyer as footwall is approached	170		168.0	166				8720030	96.2	0.56	1.22	1.20	0.45	52.22
ARGILLITE (170.5–174.0) black, aphanitic, with 50% white 1–2mm equigranular magnesite in very fine grained crystals. Shaley bands 1–2mm thick, magnesite becoming breccia-like angular fragments		=	172.0 fracture @ 60° 172.5 " " 75°		120"	180	100	NOT SAMPLED						
ARGILLACEOUS DOLOMITE (174.0–182.0) 30% light grey replaced dolomite particles in black matrix	180		178.5–179.5 2–3mm long bladed magnesite crystals. Also calcite veinlets, vugs, no distinguishable bedding	176	72"	60"	84							

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HOLE NO. 87-22

SHEET 4 OF 4

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			180													
DOLOMITE (182.0-186.0) light grey angular particles in slightly darker grey matrix with white blebs & shell stringers					No distinguishable bedding	182										
LIMESTONE (186.0-194.5 as above but angular particle fainter (calcite replacement							120"	120"	100							
more complete) Reaction to dilute HCL as unit becomes more calcareous with depth			190			192				NOT SAMPLED						
ARGILLACEOUS (194.5-EOH) LIMESTONE black, arg, flaccous, calcite stringers common					no distinguishable bedding		120"	120"	100						✓	
			200		Cut by sharp fractures towards bottom of hole	202										
						204	24"	24"	100							
					TD 204 FEET											
			210													
			220													
			230													
			238													

Form E Revised, 8-82

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-23
SHEET 1 OF 3

Location: Radium B.C. | Bearing: — | Northing: 16,863.89 m | Property: Mount Brussilof | O.B. depth: 12 feet
Date collared: Oct 3, 1987 | Length: 440 feet | Easting: 7,475.99 m | Core size: BQ (1½ inch) | Logged by: FDM
Date completed: Oct 4, 1987 | Dip: 90° | Collar elev: 1,426.4 m amsl | Scale of log: 1" = 10' | Date: Oct 6, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Internal Length	Recov'd. Length	Percent Recovery	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
					Good Core 27.0-40.0 130 51.0-71.0 200 211.0-235.5 24.5 249.5-412.0 167.0 219.5											
			10													
CASING SET TO 14 FEET						14										
MAGNESITE (4.0-27.0) fine to medium grained, light grey, mottled, frequent thin pyrite viemlets, lightly					14.0-16.0 Moderately weathered, colour yellowish brown	16	24"	24"	100	8723001	87.6	1.51	9.2	0.78	0.34	50.15
			20		16.0 mud filled fracture 16.5-17.5 white sugary medium to coarse grained band 17.5 calcite coated fracture @ 35°											
weathered, calcareous					21.0 rusty fracture @ 35°		120"	120"	100	8723002	91.3	3.43	3.67	0.87	0.20	49.68
						26										
MAGNESITE (27.0-46.0) fine to medium grained			30							8723003	94.1	1.02	3.34	0.85	0.26	51.24
fresh, light grey, minor fine grained clastic inclusions Pgr. 5, several smooth core breaks @ 90°					33.5 smooth sharp fracture @ 20° 34.0 " " " @ 70°		120"	120"	100							
						36										
			40							8723004	94.2	1.44	2.73	1.04	0.36	50.91
MAGNESITE (40.0-51.0) fine to medium grained, light grey fresh, thick (to 0.5 cm) viemlets of fine grained pyrite, also clots to 2.3 mm							120"	120"	100	8723005	87.3	8.0	3.63	0.38	0.16	48.90
						46										
										8723006	91.1	3.60	4.05	0.62	0.22	49.58
			50		51.0 smooth fracture @ 40°		120"	120"	100							
MAGNESITE (51.0 - 67.5) fine to medium grained, light grey, only occasional pyrite viemlets, disseminated pyrite										8723007	94.3	1.48	3.06	0.67	0.22	51.08
						56										
			60		60.0 0.5cm clots of pyrite					8723008	93.8	1.06	4.35	0.33	0.16	51.19

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOVERED LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			60				120"	120"	100	8723009	94.2	1.32	3.46	0.43	0.16	51.04
						66										
MAGNESITE (67.5-71.0), white, fresh, coarse grained with some black grains and veinlets, some fine grained pyrites veinlets and clots			70							8723010	95.4	0.99	3.11	0.17	0.08	51.44
MAGNESITE (71.0-125.0) white & light grey, fresh, frequent intervals of intense thick veinlets of fine grained pyrite, minor disseminated pyrite in 1-2 mm clots throughout					73.0-76.0 thick pyrite veinlets		120"	120"	100	8723011	91.9	5.0	2.23	0.45	0.24	50.20
						76										
			80							8723012	95.2	2.24	1.83	0.26	0.16	51.13
					81.5 rough fracture @ 10° 82.0 " @ 15° 82.0-84.0 thick pyrite veinlets and clots		120"	120"	100	8723013	92.9	2.09	3.27	0.83	0.28	50.65
						86										
					86.0 rough fracture @ 15° 87.5 " @ 15° 88.0-89.0 thick pyrite veinlets					8723014	92.2	4.49	2.35	0.43	0.12	50.34
			90													
					90.5-93.5 thick pyrite veinlets		120"	120"	100	8723015	92.2	4.74	2.17	0.23	0.07	50.38
						96										
					96.5-99.0 pyrite veinlets frequent 99.0 rusty rough fracture @ 10°					8723016	94.1	3.26	2.01	0.11	0.05	50.63
			100													
					102.5 thick pyrite veinlet 103.0 fracture @ 15° 104.0 " " " and thick pyrite veinlet 105.0 thick pyrite veinlet		120"	120"	100	8723017	93.1	4.77	1.49	0.09	0.18	50.88
						106										
			110		109.5-112.0 thick pyrite veinlets					8723018	93.1	4.56	1.43	0.33	0.21	50.89
					111.0 rough fracture @ 20° 113.0-114.0 thick pyrite veinlets		120"	120"	100	8723019	85.8	11.7	1.26	0.40	0.21	50.11
						116										
			120							8723020	91.8	5.70	1.43	0.45	0.18	50.67

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			120		121.0 – 123.5 thick pyrite vienlets surrounding magnesite clots		120"	120"	100	8723021	87.1	10.6	1.34	0.18	0.12	50.1
MAGNESITE (125.0 132.5) white, fine grained			130			126				8723022	96.4	1.04	1.33	0.49	0.57	51.7
130.5 – light blue mica chlorite					132.0 – 133.5 light pink coarse grained crystals		120"	120"	100							
MAGNESITE (132.5 – 153.5) white, fresh, fine grained frequent thin to thick, fine grained pyrite vienlets and clots from (0.2mm to 3mm)			140			136				8723023	94.4	4.09	1.11	0.16	0.09	51.3
			150			146	120"	120"	100	8723024	91.6	6.3	1.49	0.18	0.07	50.8
					150.5 rusty calcareous, small vugs		120"	120"	100	8723025	91.8	6.0	1.33	0.17	0.07	50.9
MAGNESITE (153.5 – 160.0) medium to coarse grained, white, fresh, thin vienlets of fine grained pyrite every 10-20cm			160			156				8723026	91.3	4.12	3.74	0.23	0.07	49.5
							120"	120"	100	8723027	96.3	1.45	1.74	0.16	0.09	51.5
MAGNESITE (160.0 – 190.0) white, fresh, fine grained, several intervals of thick fine grained pyrite vienlet associated with grey grains			170		163.5 – 167.0 thick fresh vienlets of fine grained pyrite often surrounding clots of magnesite 168.5 – 170.5 same as 163.5 – 167.0	166	120"	120"	100	8723028	91.6	6.0	1.52	0.32	0.14	50.8
										8723029	86.2	11.1	1.70	0.17	0.05	50.0
					174.5 rough break @ 20° 176.0 – 177.0 same as 163.5 – 167.0	176	120"	120"	100	8723030	85.8	12.0	1.22	0.18	0.05	50.3
			180		178.0 thick pyrite vienlets					8723031	87.2	10.6	1.28	0.23	0.05	50.3

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOV'D PERCENT	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			180		179.0 – 181.0 sand as 163.5 – 167.0		120"	120"	100							
					182.5 0.5cm clot of pyrite											
					182.5 – 183.5 thick pyrite enclosing clot of magnesite	186										
188.5' slightly rust stained fractures										8723032	88.5	9.4	1.45	0.33	0.09	50.54
			190		187.5 – 190.0 thin pyrite veinlets and numerous grey black grains					8723033	93.6	4.03	1.39	0.33	0.07	51.16
MAGNESITE (190.0 – 197.0) fine to medium grained creamy, very lightly weathered minor finely disseminated pyrite - slightly calcareous							120"	120"	100							
					195.5 fracture @ 45°					8723034	96.9	1.07	1.41	0.27	0.09	51.91
					194.5 core break @ 76°	196										
MAGNESITE (197.0 – 211.0) white, fresh fine grained										8723035	95.6	2.41	1.39	0.28	0.09	51.39
			200													
With numerous thick (1-2cm) violets and clots of fine grained pyrite to 0.5cm and dark grey grains							120"	120"	100							
					204.0 fracture @ 60°					8723036	79.3	17.9	1.47	0.23	0.07	49.54
					206.0 rusty calcite coated fracture @ 10°	206										
										8723037	90.8	6.9	1.48	0.20	0.09	50.88
			210													
					210.0 – 211.0 rough fracture @ 15°		120"	120"	100							
MAGNESITE (211.0 – 235.5) fine grained to very grained white to light grey, fresh, occassional faint grey grains					211.0 – 212.0 3-fractures @ 35°					8723038	85.6	11.4	1.49	0.44	0.23	50.22
					215.0 2-cross cutting fractures @ 40° + 20°	216										
										8723039	96.9	1.18	1.74	0.02	0.05	51.60
			220													
							120"	120"	100	8723040	97.7	0.70	1.10	0.21	0.05	52.09
					226.5 – 228.5 2mm thick pyrite violet	226										
					228.0 fracture @ 35°					8723041	93.4	4.24	1.13	0.20	0.08	51.10
			230													
					231.0 rough fracture @ 20°		120"	120"	100	8723042	97.1	0.65	1.51	0.20	0.06	51.70
MAGNESITE (235.5 – 239.0) fine to very fine grained light grey with numerous thick thin pyrite violets						236										
					237.0 smooth fracture @ 15°					8723043	90.1	7.4	1.57	0.18	0.10	50.26
			240													

see next page

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERED LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
MAGNESITE (239.0 – 249.5) white, coarse to medium grained pyrite vienlets common fresh except 244.5 – 248.5 which is iron stained and slightly calcareous			240		240.0 – 243.0 thick grey bands 244.5 – 248.5 iron stained orange 2mm calcite vienlets @ 15°	244	120"	120"	100	8723044	92.0	1.78	2.12	0.36	0.25	50.03
			250							8723045	92.9	1.89	1.47	0.21	0.13	50.84
MAGNESITE (249.5 – 256.0) White will grey, black vienlets and grains, fresh, medium to fine grained with some coarse grained bands 10 – 15cm thick of light						256	120"	120"	100	8723046	96.6	0.79	1.44	0.43	0.27	51.68
MAGNESITE (256.0 – 270.5) fine to very fine grained, fresh, light grey to grey; occasional thin grey black vienlets with some pyrite			≈60		259.0 healed fracture @ 40° 258.6 – 259.0 pyrite vienlets and clots					8723047	96.3	1.60	1.41	0.26	0.15	51.31
					262.0 fracture @ 60° 263.0 – 264.5 pyrite vienlets	266	120"	120"	100	8723048	96.5	1.30	1.51	0.30	0.10	51.36
			270		267.0 smooth fresh fracture @ 60° 268.0 " " " @ 80° 269.5 grey black vienlet					8723049	96.9	0.64	2.01	0.17	0.08	52.01
MAGNESITE (270.5 – 296.0) fine to very fine grained, light grey to grey with thin (1cm) bands of white medium to coarse interval, occasional black grains and vienlets					271.0 – 272.5 thin pyrite vienlets 273.5 – 274.5 pyrite vienlet	276	120"	120"	100	8723050	94.4	2.09	2.27	0.72	0.13	50.60
			280							8723051	97.6	0.54	1.21	0.30	0.19	52.03
					283.0 smooth fracture @ 60°	286	120"	120"	100	8723052	97.4	0.40	1.30	0.29	0.21	52.00
			290		287.5 fracture @ 60° 290 fracture @ 70°					8723053	96.9	0.47	1.74	0.43	0.25	51.93
						296	120"	120"	100	8723054	97.2	0.48	1.59	0.26	0.15	51.98
MAGNESITE (296.0 – 301.0) Coarse grained white opaque with interbands of fine to medium grained light grey intervals with dark grey banding			300							8723055	97.6	0.61	1.14	0.24	0.13	51.96

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
MAGNESITE (301.0 – 321.0) fresh, fine grained, white with frequent fresh thin (1mm) tide grey black subparallel bands.			300				120"	120"	100							
						306										
			310		308.0 – 312.0 intense thin (1-1mm) black subparallel banding					8723056	97.8	0.58	1.32	0.11	0.04	51.94
										8723057	97.0	0.73	1.54	0.27	0.08	51.90
							120"	120"	100	8723058	97.3	0.50	1.66	0.16	0.10	51.88
					316.5 – 317.5 irregular subvertical fracture	316										
			320		318.5 fracture @ 35°					8723059	96.7	0.36	2.26	0.28	0.08	51.93
MAGNESITE (321.0 – 341.0) fresh, light grey, fine grained					322.0 two fractures @ 20° crossed by fracture @ 60°		120"	120"	100	8723060	96.9	0.36	1.76	0.50	0.19	51.58
					323.0 fract. @ 15° crossed by fract.	326										
					324.0 fracture @ 20°											
					326.0 " " 30°											
			330		329.0 3 fractures @ 50°, 20° & 0°					8723061	95.8	0.39	3.06	0.46	0.10	51.85
					329.5 fracture rough @ 20°		120"	120"	100							
335.5 – 336.5 white coarse grained aplite					333.5 Subvertical rough fractures crosscut by fracture @ 20°	336				8723062	96.9	0.37	2.03	0.28	0.13	52.02
			340		337.0 fractures at 20°, 40° and vertical					8723063	92.2	0.36	1.53	4.16	1.17	50.97
					340.0 fracture @ 40°											
MAGNESITE (341.0 – 371.0) fresh, fine grained, light grey to grey with 20-30% grey black grains					342.0 pyrite c lots (2mm)		120"	120"	100	8723064	94.3	0.41	1.70	2.48	0.65	51.06
						346										
			350		349.5 fracture @ 10°					8723065	96.2	0.30	1.48	1.35	0.33	50.96
					351.0 fracture @ 60°		120"	120"	100							
					352.0 healed fracture @ 10°											
					353.5 fracture @ 15°											
					354.0 fracture @ 30°	356										
			360		359.5 fracture @ 40°					8723067	96.0	0.32	1.39	1.51	0.44	51.49

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			360	\	360.5 fracture @ 30°		120"	120"	100	8723068	96.9	0.32	1.36	0.90	0.29	51.7
						366										
										8723069	98.1	0.41	1.18	0.16	0.04	52.0
			370		gradational to lower unit											
MAGNESITE (371.0-377.0) white, opaque, coarse grained					3		120"	120"	100							
					374.0 fracture @ 35°					8723070	97.8	0.40	1.05	0.48	0.02	51.6
					375.0-376.0 calcareous, large vugs	376										
										8723071	94.3	0.43	4.01	0.89	0.04	51.23
MAGNESITE (379.0-412.0			380		gradational to upper unit											
fine grained, grey with numerous 20-30% black to grey black grains				//	280.5 two fractures @ 35°		120"	120"	100							
					281.0 cross cutting fractures @ 20° and 45°					8723072	95.9	0.41	1.12	1.90	0.63	51.5
						386										
			390	/	389.5 fracture @ 55°					8723073	96.0	0.40	1.13	1.44	0.62	51.4
				/	391.5 fracture @ 50°		120"	120"	100							
										8723074	95.1	0.40	1.41	2.04	0.59	51.3
						396										
			400		398.5 fracture @ 55°					8723075	95.8	0.41	1.22	1.63	0.47	51.6
					403.5 light orange altered band.		120"	120"	100							
					404.0 fracture @ 60°					8723076	95.8	0.41	1.22	1.66	0.52	51.5
						406										
				/	407.0 fracture @ 35°											
			410	V	408.5 fracture @ 45° cross cutting fracture @ 35°					8723077	93.4	0.4	3.71	1.37	0.49	51.12
					contact gradational											
TRANSITION UNIT (412.0-423.5 fresh, white coarse grained bladed magnesite crystals in black argillaceous matrix, occasional argillaceous bands @ 30°-50°				~	412.5 serpentine green waxy mineral		120"	120"	100							
				=	413.0-415.0 km wavy subhorizontal magnesite veinlet	416				8723078	79.9	0.07	1.82	14.16	2.31	46.7
			420								sec	next	page			

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HOLE NO. 8723

SHT 8 OF 8

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			420 FW				120"	120"	100	8723079	66.9	0.66	2.42	22.05	6.9	
DOLOMITE (423.5 – 432.5) grey, siliceous, sugary texture with occasional intervals of medium grained blebby magnesite crystals			430		424.5 two fractures @ 25° and 30° 425.0 slickensided (down dip) fracture @ 30°	420				8723080	26.1	0.83	2.10	59.70	9.3	
							108"	108"	100	8723081	17.2	0.34	1.47	73.18	6.9	
ARGILLITE (432.5 – EOH) black, aphanitic, soft, waxy steeply dipping foliation (close spaced bedding surfaces @ 45° nunerous fractures @ 35° and 50°			440		433.0 two cross cutting fractures both @ 50°! 435.0 two subparallel fractures @ 50° 435.0 two fractures @ 40 – and 50°	435										
						440	60"	60"	100	8723082	23.9	1.40	0.84	57.48	5.3	
					TOTAL DEPTH = 440 feet											

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HOLE NO. [illegible]
SHEET 1 OF 8

-Location MADIUM O.C. | Bearing — | Northing 16,808.80 m | Property MOUNT BRUSSILOFF | O.B. depth —
Date collared SEPT 28, 1987 | Length 465 feet. | Easting 7,511.22 m | Core size BQ (1½ inch) | Logged by I=DM
Date completed SEPT 30, 1987 | Dip 90° | Collar elev. 1,423.1 m amsl | Scale of log 1"=10' | Date SEPT 30 / Oct 1, 198

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
					GOOD ORE: 145.5-267.0 = 121.5 277.5-287.0 = 9.5 358.5-439.0 = 79.5 209.5											
OVERBURDEN 0.0-24.0 feet			10													
			20													
CASING SET TO 24'						24										
MAGNESITE (24.0-52.0) fine grained, grey generally fresh, pyrite vienlets and disseminated pyrite throughout			30		27.5 two horizontal mud-filled breaks	26	24"	32"	133	8724001	90.6	4.78	4.00	0.49	0.14	48.67
			40		31.0 2.5cm thick pyrite vienlet 34.0 - two 1.5cm thick pyrite vienlets 34.5 - 5cm strongly weathered with thick limonite vienlet 35.5 clean sharp fracture @ 70°	36	120"	120"	100	8724002 8724003	86.1 91.3	10.9 5.7	2.03 2.05	0.35 0.22	0.12 0.12	49.44 50.06
			50		42.5 moderately weathered along fracture @ 30° 46.0 10cm porous, yellowed moderately weathered calcareous 47.0 thick pyrite stringers 50.0 clean sharp fractures @ 50°	46	120"	120"	100	8724004 8724005	93.4 89.8	3.86 8.1	1.95 1.56	0.35 0.27	0.18 0.12	50.32 50.29
50.0 - 51.5 medium to coarse grained white intrusive.							120"	120"	100							
MAGNESITE (52.0 - 61.5) white, fine grained, fresh, disseminated pyrite 1-2mm common			60		59.5 fracture @ 50°	56				8724006 8724007	96.7 97.5	1.31 0.63	1.51 1.23	0.12 0.48	0.04 0.06	51.39 51.73

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	FOOTAGE	MINERALIZATION AND STRUCTURE
	60	
MAGNESITE (61.5-74.0) white with light to dark patches, thin (1-2mm) pyrite vienlets frequent throughout occasional thin gray banding locally, fresh		66.0-67.0 dark grey patches and vienlets with some pyrite
	70	69.0-71.0 same as 66.0-67.0
		71.0 smooth sharp clean fracture@75°
		74.0 rusty fracture @20°
MAGNESITE (74.0-81.0) as above but lightly yellowed by weathering		75.0 fracture @30°
		75.5 fracture@45° with fresh pyrite
		78.0 rusty fracture @20°
	80	
MAGNESITE (81.0-91.5) fine grained, orange, strongly weathered, calcareous, porous friable ("WATER CONDUIT") limonite · vienlets throughout		84.0 - fracture @60° with 0.5cm calcite cemented mud infilling
		85.5 fracture @ 40°
		86.0-87.0 rusty subvertical fractures
	90	88.0-89.0 core badly crushed and broken
MAGNESITE (91.5-96.5) yellowed, medium to coarse grained, light to moderately weathered, calcareous		93.0 highly calcareous, orange, friable strongly weathered with 5mm cement as cemented mud vienlet @30°
		94.5 1cm long black bladed crystals
		95.5 very rusty fracture@40°
MAGNESITE (96.5-131.0 white, fresh, medium grained thin pyrite vienlets (1-2mm thick)		96.5 clean smooth sharp fracture@35°
		97.0 - clean sharp fracture@40°
	100	
common throughout, silvery grey vienlets and patches often associated with disseminated pyrite common		
		108.5-109.0 thick pyrite vienlets
	110	
		112.0 thick pyrite vienlet
		117.0 rough break @65°
	120	

FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
	120"	120"	100		See	previous	page			
				8724008	93.0	5.23	1.10	0.10	0.04	51.01
66				8724009	96.7	1.44	1.07	0.17	0.04	51.46
	120"	120"	100	8724010	97.1	1.14	1.10	0.20	0.08	51.5
76				8724011	89.9	7.3	1.88	0.26	0.08	49.9
	120"	120"	100							
				8724012	92.1	1.34	5.7	0.28	0.16	51.5
86				8724013	94.9	2.73	1.74	0.24	0.06	51.5
	120"	115"	96							
				8724014	97.0	0.62	1.88	0.22	0.06	52.1
96				8724015	96.7	1.31	1.56	0.14	0.04	51.4
	120"	120"	100	8724016	97.7	0.66	1.22	0.10	0.02	52.1
106				8724017	95.0	3.18	1.25	0.18	0.02	51.4
	120"	120"	100	8724018	96.3	1.96	1.23	0.21	0.02	51.4
116				8724019	98.2	0.55	1.14	0.11	0.02	51.2

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'D LENGTH	PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			120				120"	120"	100	8724020	95.9	2.50	1.02	0.25	0.06	51.04
					127.5 rough fracture @ 45°	126										
			130		129.0 - 131.0 very thick pyrite violets					8724021	92.4	5.80	0.98	0.24	0.04	50.76
MAGNESITE (131.0 - 145.0) white, fresh, medium grained.					131.5 fracture @ 40°		120"	120"	100							
					133.0 lightly stained fracture @ 20°					8724022	97.9	0.59	1.10	0.27	0.04	51.96
					137.0 5mm thick pyrite violets	136				8724023	97.6	0.97	0.94	0.19	0.04	51.54
			140		141.0 - 145.0 core broken into 5-10cm long pieces		120"	120"	100							
					145.5 2mm thick fresh pyrite violet					8724024	94.4	0.46	4.16	0.20	0.06	50.95
MAGNESITE (145.0 - 164.5) fine grained, fresh, white to light grey						146				8724025	97.16	0.72	1.15	0.29	0.04	51.70
			150													
151.0 - 152.5 grey black grains and stringers 152.5 - 154.5 white opaque coarse grained.							120"	120"	100	8724026	96.9	0.49	1.92	0.37	0.06	51.72
						156				8724027	96.2	0.53	2.51	0.56	0.10	51.85
			160													
160.5 - 161.0 coarse as 152.5 - 154.5					163.5 two closely spaced fractures @ 20°		120"	126"	100	8724028	96.8	0.57	1.70	0.53	0.14	51.93
MAGNESITE (164.5 - 168.0) fresh, white coarse grained. dark grey gatches and violets below 166.0					164.0 two crossing fractures @ 20° and 30° cross cut by fracture @ 60°	166				8724029	97.4	0.56	1.21	0.27	0.08	51.87
			170		170.0 - fracture clean, sharp @ 30°											
MAGNESITE (168.0 - 192.0) fresh, light grey, fine to medium grained with thin coarse grained bands 10-20cm thick bands, occasional intervals with grey black grains					170.0 - 172.5 core discing 2-4cm pieces		120"	120"	100	8724030	96.8	0.50	1.75	0.55	0.18	51.82
						176										
			180							8724031	97.5	0.46	1.15	0.58	0.18	51.94

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	FOOTAGE	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
	180	181.0 clean, sharp fracture @50°	186	120"	120"	100	8724032	97.4	0.57	1.47	0.27	0.06	52.0
	190	190.0 two parallel fractures @70°					8724033	97.1	0.56	1.35	0.51	0.14	51.8
Lost Circulation 192' MAGNESITE (192.0 - 204.0) fresh, white, fine grained.		192.0 fresh disseminated pyrite 192.0 - 194.0 coarse grained bands and silver grey veinlets 194.0 3cm coarse grained band with yellowish, calcareous 195.0 fracture @50°	196	120"	120"	100	8724034	97.3	0.60	1.52	0.35	0.08	51.83
	200	200.0 smooth fracture @15°		120"	120"	100	8724035	97.3	0.47	1.42	0.34	0.08	51.99
MAGNESITE (204.0 - 267.0) fresh, white to light grey fine grained with thin 2cm white bands occasionally	210	206.0 smooth fracture @40° 207.0 smooth fracture @75° 208-209.5 coarse grained opaque band thin vuggy calcareous line.	206				8724036	97.1	0.41	1.66	0.43	0.10	51.88
		210.0 white, opaque, coarse grained band	216	120"	120"	100	8724037	97.1	0.62	1.47	0.42	0.06	52.0
	220	217.5 smooth fracture @50° 218.0 " " @60°					8724038	97.1	0.53	1.66	0.50	0.12	52.0
		221.0 - 223.5 thin vague grey banding @50°	226	120"	120"	100	8724039	96.9	0.43	2.03	0.38	0.06	51.9
229.5 bladed translucent crystals growing freely in large vug cross cutting core	230	227.5 - 228.0 white opaque coarse grained band					8724040	98.0	0.43	1.05	0.42	0.06	52.1
			236	120"	120"	100	8724041	97.5	0.46	1.16	0.62	0.20	51.96
237.0 - 240.0 medium to coarse grained	240	236.5 smooth clean fractures @50°					8724042	96.5	0.44	2.07	0.58	0.16	51.8

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	CORE RECOVERY: Recovered Length	CORE RECOVERY: Percent Recovery	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			240				120"	120"	100	8724043	97.0	0.44	1.01	0.46	0.08	51.96
				/	245.5 fracture @ 60°	246										
247.0 - 248.0 medium to coarse grained white opaque			250							8724044	97.1	0.51	1.10	0.73	0.22	51.09
							120"	120"	100	8724045	97.6	0.51	1.11	0.42	0.10	51.9
						256										
			260							8724046	97.9	0.44	0.99	0.41	0.10	52.0
							120"	120"	100	8724047	97.6	0.43	0.98	0.52	0.20	52.04
265.0 - 267.0 lightly yellowed by weathering						266										
MAGNESITE (267.0 - 277.5)			270	Δ Δ						8724048	88.7	0.44	7.4	2.51	0.45	51.90
coarse grained, lightly yellowed by slight weathering, occasional grey grains, unusually translucent above 273.5'. Core generally badly broken above 277.0				Δ Δ Δ Δ Δ	271.0 - 277.0 particularly yellowed, opaque, vugs		120"	120"	100	8724049	89.5	0.51	5.6	3.00	0.65	51.67
						276										
MAGNESITE (277.5 - 287.0			280							8724050	97.3	0.46	4.8	0.48	0.20	51.91
fine grained, fresh, grey with frequent 10cm thick white, opaque coarse grained bands.				/	287.0 wavy fracture @ 35°		120"	120"	100	8724051	96.7	0.43	2.93	0.27	0.18	51.92
						286										
MAGNESITE (287.0 - 297.0			290		289.5 - 290.0 fine grained grey band					8724052	93.2	0.42	1.56	0.28	0.12	51.64
as above but coarse grained bands lightly yellowed (may be slightly green serpentinous content			290.0		291.0 light pinkish grains in coarse grained band 291.0 fracture @ 50° 292.5 clean fracture @ 50°		120"	120"	100	8724053	94.4	0.40	1.26	0.08	0.12	51.84
						296										
MAGNESITE (297.0 - 312.5) same as 277.5 - 287.0			300							8724054	96.2	0.46	1.19	0.11	0.12	52.0

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'RD LENGTH	CORE RECOV'RY PERCENT	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			300				120"	120"	100		See previous page					
303.5-305.0 Coarse grained opaque, wh. & light tinge pink					305.0 wavy fracture @ 35°					8724055	97.8	0.42	1.56	0.05	0.08	52.10
						306										
			310							8724056	97.7	0.42	1.26	0.26	0.16	52.21
311.0-317.0 Coarse grained opaque wh.					311.0 smooth fracture @ 20°		120"	120"	100							
MAGNESITE (312.5-337.0) fine to medium grained, fresh, light grey to grey					312.5-314.0 fairly closely spaced parallel smooth fractures @ 60°											
					315.0 smooth clean fracture @ 20°	316				8724057	97.6	0.37	1.19	0.54	0.20	52.05
			320													
							120"	120"	100	8724058	97.3	0.39	1.17	0.69	0.32	51.89
						326										
328.0-329.0 white to creamy coarse grained band										8724059	95.7	0.37	1.14	1.92	0.55	51.79
			330													
					330.0 smooth fracture @ 20°		120"	120"	100							
					331.5 fracture @ 20° striated parallel to dip					8724060	97.1	0.37	1.09	0.95	0.28	52.03
					335.0 10cm coarse grained band	336										
MAGNESITE (337.0-349.5)					337.0-339.0 medium to coarse grained band, opaque					8724061	98.3	0.41	0.91	0.29	0.12	52.17
			340		338.0 large bladed crystals											
wh. & fresh fine grained with coarser grained bands					340.0-340.5 as above		120"	120"	100							
338.0-341.0 core broken into 2-5cm pcs					341.0-342.0 faint grey banding					8724062	98.3	0.39	0.94	0.30	0.14	52.21
					341.5-347.5 coarse grained band opaque	346										
348.0-349.5* same as 338.0-341.0					348.5 10cm opaque coarse grained band					8724063	98.5	0.37	0.97	0.07	0.08	52.15
			350		349.0-350.5 coarse grained opaque band											
MAGNESITE (349.5-358.5) white, opaque, medium to coarse grained, well broken (5 to 10 cm pieces)							120"	120"	100	8724064	98.5	0.37	0.96	0.06	0.06	52.23
356.0-358.5 orange cream colored, thin bands (? calcareous ?) translucent						356										
					357.0-357.5 possible large vug free growing translucent crystals					8724065	98.5	0.36	1.00	0.07	0.08	52.17
MAGNESITE (358.5-370.0			360								See next page					

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ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			360				120"	120"	100	8724066	98.3	0.42	0.99	0.07	0.08	52.1
						366										
			370							8724067	98.5	0.33	1.06	0.07	0.06	52.2
MAGNESITE (370.0 - 383.5) white with light grey banding fine to medium grained				/	374.0 faint grey banding @ 50°		120"	120"	100	8724068	98.4	0.35	1.09	0.07	0.08	52.2
						376										
			380	//	378.0 10cm coarse grained black crystals					8724069	98.2	0.36	1.01	0.07	0.06	52.2
					383.0 faint grey banding @ 60°		120"	120"	100	8724070	98.2	0.35	0.99	0.14	0.12	52.0
MAGNESITE (383.5 - 399.0) white to light grey, fresh, fine to medium grained						386										
			390	)	390.0 irregular subvertical break					8724071	99.6	0.37	1.21	0.43	0.18	52.1
					391.0 faint grey banding		120"	120"	100	8724072	97.5	0.37	1.14	0.49	0.12	52.5
						396										
				/	398.0 faint grey banding and fracture @ 60°					8724073	97.8	0.37	1.30	0.27	0.14	52.1
MAGNESITE (399.0 - 438.0			400													
white, fresh, medium grained				/	404.0 rough break @ 50°		120"	120"	100	8724074	97.4	0.31	1.48	0.34	0.14	51.5
				Δ	405.5 core pulverized	406										
			410							8724075	97.2	0.31	1.20	0.72	0.20	52.0
				///	412.0 - 414.0 several breaks @ 60° to 70°		120"	120"	100	8724076	96.9	0.34	1.21	1.12	0.14	51.7
						416										
			420		416.0 - 419.0 coarser grained.					8724077	97.4	0.37	1.17	0.51	0.16	52.1

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	Footage Blocks	Core Recovery: Interval Length	Core Recovery: Recov'd Length	Core Recovery: Percent Recovery	Sample Number	Assay Results (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
Core well broken into 5-10cm pieces in this unit			420				120"	120"	100	B724078	97.7	0.47	0.95	0.69	0.20	51.30
						426										
			430							B724079	96.4	0.49	2.09	0.69	0.14	51.18
							120"	120"	100	B724080	97.9	0.37	1.19	0.16	0.04	51.40
						436										
										B724081	97.3	0.33	1.62	0.41	0.14	51.65
TRANSITION (438.0 - 454.0)			440													
UNIT white, medium grained bladed crystals in dark grey to black matrix with numerous clots and vienlets of browny green, waxy translucent serpentine Bands of very dark black matrix with bands of crystals in matrix			450				120"	120"	100	B724082	68.3	0.78	5.0	15.0	2.65	45.53
						446										
										B724083	90.6	0.68	1.45	4.29	2.47	49.66
			FW		450.0 several black argillaceous bands @ 30-40°		120"	120"	100	B724084	80.4	0.88	0.81	12.92	3.96	45.53
SERPENTINE (?) (454.0 - 461.0) Grey, soft, waxy, talcaceous vertical foliation very distinct grading into serpentine unit numerous white magnesite stringers cross cutting						456										
					456.0 - 457.5 core rubblized	57.5	18"	9"	50	B724085	40.5	1.65	3.05	38.15	15.2	22.62
			460		460.5 - 461.0 1-3cm quartz bands		12"	12"	100							
SERPENTINE (461.0 - 465.0) Green waxy, talcaceous, soft						461										
						463	24"	18"	75	Not Sampled						
						465	24"	18"	75							
					TD = 465.0 Feet											
			470													
			480													

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HOLE NO. 87-25
SHEET 1 OF 6

Location Kaslo B.C. | Bearing — | Northing 16,773.91 | Property Mount Brussilof | O.B. depth —
Date collared October 1, 1987 | Length 336 | Easting 7,545.47 | Core size BQ (1½ inch) | Logged by FDM
Date completed October 2, 1987 | Dip 90° | Collar elev. 1,425.8 | Scale of log 1" = 10' | Date October 2, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Structure	MINERALIZATION AND STRUCTURE	Footage Blocks	CORE RECOVERY: Interval Length	Recov'd Length	Percent Recov'y	Sample Number	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
					Good ore 92-305 = 213 feet	4										
MAGNESITE (4.0 - 10.0) white, medium grained finely disseminated pyrite common			10				120"	110"	92	8725001	96.4	0.69	2.08	0.32	0.08	51.99
MAGNESITE (10.0 - 17.5) yellowed, lightly weathered, coarse grained blocky pyrite violets throughout, calcareous						14				8725002	94.8	1.94	2.62	0.21	0.06	51.14
						16	24"	22"	92							
MAGNESITE (17.5 - 21.5) medium grained, fresh			20		18.0 - 21.0 large lens clots of fine grained pyrite					8725003	90.3	5.66	3.12	0.27	0.08	49.38
moderately weathered below 19.5 and 21' disseminated pyrite throughout							120"	96"	80							
MAGNESITE (21.5 - 33.0) light to dark orange, fine grained strongly weathered, friable, porous numerous limonite and weathered pyrite violets and disseminated calcareous			30			26				8725004	69.2	2.51	27.1	0.56	0.26	48.08
										8725005	92.2	4.23	2.70	0.27	0.08	50.62
							120"	112"	94	8725006	93.6	2.95	2.65	0.33	0.08	51.01
MARMITE (33.0 - 60.5) fine to medium grained fresh to very lightly weathered with several strongly weathered intervals numerous 1 - 10cm thick of fine grained pyrite violets from			40		34.5 - 36.5 rusty calcite coated sharp subvertical fracture 35.0 - 39.0 strongly weathered calcareous friable 39.5 rusty calcite coated	36				8725007	95.0	2.91	1.40	6.34	0.10	50.92
					weathered subvertical fracture 42.0 20cm strongly weathered iron stained friable calcareous 42.5 rusty rough stained fracture @30°		120"	120°	100	8725008	93.5	4.19	1.58	0.37	0.14	50.94
			50		49.5 sharp smooth fracture @30°	56				8725009	82.2	15.5	1.22	0.30	0.08	49.47
					51.0 - 53.5 moderately to strongly weathered locally friable adjacent to limonite seams		120"	120"	100	8725010	88.2	10.1	1.29	0.26	0.04	49.9
						56										
			60							8725011	85.0	13.3	1.59	0.23	0.08	49.3

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-23

SHEET 2 OF 6

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERED LENGTH	CORE RECOVERY PERCENT	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			60		66.0 calcite coated fracture @ 40°		120"	120"	100	8725012	93.0	5.4	1.35	0.20	0.10	50.68
					67.0 rusty vuggy healed fracture @ 40°	66				8725013	93.8	4.6	1.18	0.28	0.16	51.02
MAGNESITE (68.5-81.0) fresh white with occasional grey black patches and grains usually with associated fine grained pyrite, medium grained with several coarse grained intervals			70													
							120"	120"	100	8725014	97.6	0.95	1.07	0.18	0.06	51.71
						76										
			80							8725015	97.6	0.75	1.24	0.20	0.04	51.84
MAGNESITE (81.0-94.5) white, fine grained fresh with several intervals containing numerous vinlets of fine grained pyrite							120"	120"	100	8725016	75.3	20.6	2.10	0.27	0.04	48.15
						86										
			90							8725017	96.4	1.38	1.71	0.29	0.14	51.62
					91.0 rough fracture @ 35°		120"	120"	100	8725018	88.2	9.5	1.82	0.21	0.06	49.9
MAGNESITE (94.5-101.5) white, fresh, fine grained.						96										
			100							8725019	97.2	0.67	1.38	0.16	0.04	52.10
					100.5 clean fracture @ 40°											
MAGNESITE (101.5-137.5) white, fresh, fine grained, with coarse grained bands to 10 cm long, with occasional thin black vinlets or grains					101.5 clean fracture @ 30°		120"	120"		8725020	98.1	0.52	1.24	0.12	0.04	52.11
					105.5 two cross cutting fractures @ 20 and 40°	106										
			110							8725021	96.6	0.54	3.32	0.20	0.12	52.03
					110.5 calcite healed subvertical fracture		120"	120"	100							
115.0-116.5 grey black grains and vinlets					111.5 subvertical fracture cross cutting fracture @ 20° both calcite coated					8725022	97.5	0.57	1.57	0.20	0.12	52.16
					112.0-113.0 lightly yellowed, calcareous	116										
					114.0 subvertical fracture calcite healed -115.0											
119.5 to 122.0 faint grey black bandings			120							8725023	97.6	0.54	1.52	0.30	0.16	52.2

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	Recov'd Length	Percent Recov'y	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			120				120"	120"	100	8725024	97.7	0.49	1.34	0.23	0.10	52.0
					125.5 sharp smooth fracture @ 10°	126										
					126.5 rough break @ 35°					8725025	97.3	0.54	1.34	0.48	0.29	52.0
			130		129.0 dark reddish brown viaried with fine disseminated pyrite											
							120"	120"	100	8725026	97.6	0.49	1.31	0.26	0.10	52.1
					135.5 two rough fractures @ 20° and 30°	136										
										8725027	97.4	0.59	1.31	0.20	0.04	52.2
MAGNESITE (137.5-149.0)			140							8725028	97.7	0.59	1.34	0.25	0.19	52.2
white, fresh, finegrained							120"	120"	100	8725029	97.8	0.53	1.35	0.20	0.10	52.1
					145.0 - 147.0 healed fracture @ 10°	146										
					147.0 core break @ 35°					8725030	97.4	0.78	1.35	0.25	0.17	52.1
					148.5 - 149.5 healed subvertical fracture intensity calcite healed rusty fracture @ 10°											
MAGNESITE (149.0 - 203.5)			150													
fine to medium grained, fresh, white with locally speckled and banded intervals							120"	120"	100	8725031	97.4	0.53	1.38	0.22	0.14	52.4
					155.0 - 157.0 calcite healed subvertical fracture	156										
					157.5 smooth fracture @ 20°					8725032	97.5	0.49	1.54	0.21	0.10	52.7
			160		159.0 calcite filled fracture @ 20° and clean fracture @ 55°											
					161.0 calcite healed fracture @ 10°		120"	120"	100	8725033	97.3	0.46	1.56	0.27	0.14	52.8
					164.0 fracture @ 30°	166										
			170		168.0 - 171.0 several fractures @ 20°, 35° and 50°					8725034	97.3	0.50	1.65	0.29	0.10	52.6
					173.5 healed fracture @ 20°		120"	120"	100	8725035	97.2	0.63	1.56	0.33	0.12	52.2
						176										
					176.0 smooth fracture @ 60°											
					177.5 " rough break @ 35° & 70°					8725036	97.3	0.54	1.59	0.30	0.16	51.9
			180		178.5 rough break @ 35° & 70°											
					179.0 calcite coated fracture @ 20°											

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			180				120"	120"	100	8725037	96.8	0.59	1.99	0.23	0.08	52.33
						186										
			190	/	190.0 fracture @ 65° smooth					8725038	98.1	0.49	1.18	0.18	0.06	52.18
194.5 - 197.5' light grey banding				///	191.0 3 closely spaced fracture @ 65° smooth		120"	120"	100	8725039	97.3	0.42	1.52	0.46	0.18	52.13
				/	196.5 smooth fracture @ 65°	196										
			200	////	197.5 - 200.5 eight smooth fractures @ 65°					8725040	96.9	0.47	1.80	0.37	0.14	52.07
				/	207.0 rough break @ 45°		120"	120"	100	8725041	97.1	0.46	1.70	0.29	0.12	
MAGNESITE (203.5 - 244.0 - fresh, fine grained with frequent coarse grained opaque intervals and bands				/	208.0 fracture @ 50°	206										
			210							8725042	97.6	0.40	1.52	0.15	0.06	
light grey in fine grained intervals, white in coarse grained zones							120"	120"	100	8725043	97.3	0.36	1.72	0.17	0.10	
				/	214.0 yellowed calcareous	216										
219.5' 2cm wh. to pasty-like infill, (fluorite?) horizontal break			220	=	215.0 fracture @ 70° smooth					8725044	98.2	0.37	0.98	0.38	0.16	
				/	224.5 smooth calcite coated fracture @ 15°		120"	120"	100	8725045	97.1	0.36	1.10	0.93	0.28	
				//	227.0 two smooth fractures @ 20° and 30°	226										
			230							8725046	96.7	0.36	1.07	0.98	0.36	
232.5 10cm grey blue grains				X	234.0 two cross cutting fractures @ 30° and 35° striking parallel		120"	120"	100	8725047	96.1	0.35	2.92	0.19	0.06	
234.0 same as 232.5						236										
			240							8725048	98.5	0.35	0.88	0.20	0.08	

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOV'Y	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			240				120"	120"	100	8725049	98.4	0.33	0.81	0.35	0.10	52.3
MAGNESITE (244.0 - 271.0) fresh, fine grained, light grey with occasional black speckled						246										
			250	/	249.0 rough fracture @25°					8725050	98.1	0.37	0.95	0.24	0.12	52.3
or faintly banded intervals 251.0 - 252.0 black grains 252.5 - 253.0 dark grey banding 255.5 grey black grains				/ 41	249.5 rough break @ 40° 251.0 smooth fracture @ 30°		120"	120"	100	8725061	98.3	0.42	0.88	0.25	0.10	52.2
						256										
			260							8725062	98.0	0.39	1.03	0.30	0.10	52.0
				/	262.5 sharp fracture @ 10°		120"	120"	100	8725053	97.6	0.39	1.22	0.37	0.16	52.2
				/	264.0 fracture @ 25°											
				/	265.5 rough fracture @ 20°	266										
				//	267.0 two fractures @ 25° and 50°											
			270	///	269.0 two subparallel fractures @ 25° and 30°					8725054	97.7	0.35	1.26	0.45	0.18	52.4
MAGNESITE (271.0 - 275.5) white, fine grained, fresh 273.0 is 5cm yellowed calcareous				///	270. Subparallel fractures @ 20° and 30°		120"	120"	100							
				/	272.0 fracture @ 30°					8725055	97.8	0.35	1.44	0.26	0.08	51.9
				/	273.0 " " 40°											
				/	273.5 - 274.0 three closely spaced fractures @ 30°	276										
MAGNESITE (275.5 - 281.0) fresh, white with grey bands				/	277.0 two smooth fractures @ 60°					8725056	98.3	0.32	1.15	0.27	0.08	52.0
			280	//	280.0 Sharp subparallel fractures @ 30° and 40°											
MAGNESITE (281.0 - 297.0) fresh, light grey, very fine grained with occasional fine grained interval speckled with 3% black grains				/	281.0 - 283.0 very fine grained sugary		120"	120"	100							
				/	285.5 - 286.5 black grains					8725057	97.5	0.44	1.23	0.48	0.14	51.9
				/	286.0 fracture at 40°	286										
				/	286.5 - 287.5 very fine grained sugary											
				/	286.5 fracture @ 45°											
				/	288.0 fractures @ 30° and 40°					8725058	97.7	0.61	1.30	0.23	0.06	51.9
				/	289.0 - 289.5 black grains											
				/	291.0 " " " "		120"	120"	100							
				/	292.0 - 292.5 core rubbilized											
				/	293.0 - 293.5 black grains											
TRANSITIONAL UNIT (297.0 - 306.0) fine to very fine grained, speckled with dark grey grains, grey hard, siliceous, dolomitic magnesite (?)				/	293.5 - 294.0 very fine grained, grey, hard, (Siliceous)											
				/	295.0 fracture @ 40° chatter marks	296										
				/	296.0 down dip, creamy opaque surface fracture @ 40°											
			300	/	297.5 5cm white pasty material on fracture @ 40°					8725060	95.8	0.35	1.60	1.54	0.49	51.7
					298.0 intersecting fractures @ 45° and 50°											

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HOLE NO. [illegible]

SHEET 6 OF 6

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'RD LENGTH	CORE RECOV'RY PERCENT	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
/				///	299.5 – 301.0 covered c closely spaced fractures @ 50°		120"	120"	100		see previous page					
			FW							8725061	96.3	0.41	1.29	1.25	0.44	51.8
DOLOMITIC (3c60 – EOH MARINESITE grey, silaceous, hard, very fine grained, fresh, sugary					Contact gradational.	306										
			310							8727062	56.2	0.28	38.6	3.38	0.77	47.86
texture, 0.5mm thick wavy vienlets of calcite(?) or serpentine				///	313.0 – 313.5 rusty c closely spaced fractures @ 40°		120"	120"	100							
						316										
			320													
				/	320.5 core break @ 70°		120"	120"	100							
				//	325.0 two fractures @ 30° and 40°	326				Not Sampled						
			330													
331.0 – EOH thin (1mm) wavy, subparallel white and grey bands							120"	120"	100							
						336										
			340		T.D 336 feet											
			350													
			360													

Form D. Division, 8-87

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HOLE NO. 87-26
SHEET 1 OF 8

Location RADIUM B.C. | Bearing — | Northing 16,845.77 | Property MOUNT BROSILOE | O.B. depth —
Date collared Oct 5, 1987 | Length 456 feet | Easting 7,461.70 | Core size BQ (1¾ inch) | Logged by FDM
Date completed Oct 6, 1987 | Dip -90° | Collar elev. 1,418.4 | Scale of log 1" = 10' | Date Oct 8, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
FILL (0-2.0)																
OVERBURDEN (2.0-12.0)					GOOD OFE 12.0-81.5 = 69.5 113.0-121.5 = 8.0 186.5-228.5 = 142.0 250.0-377.5 = 27.5 297.0											
			10													
CASING SET TO 10 feet																
MAGNESITE (12.0-23.0) wh to light grey, fine grained frosh, with coarse grained wh, opaque bands 5-10cm thick, thick to thin grey bands				~	12.5 thin pyrite vienlets		48"	48"	100	8726001	93.2	3.55	1.90	0.22	0.12	51.2
				~	14.0 pyrite vienlet	16										
				=	15.0-15.5 two pyrite vienlets											
			20	X	17.5 thin pyrite vienlet					8726002	96.3	0.88	1.49	0.73	0.21	52.2
				~	21.5 pyrite vienlet (light pinkish hue to core)		120"	120"	100							
				=	22.0 thick pyrite vienlet											
MAGNESITE (23.0-56.0) light grey, frosh fine grained occasional grey bladed crystals some minor disseminated pyrite				~	24.0 pyrite vienlet	26										
				1	26.5-27.5 rusty vertical fracture					8726003	95.3	1.36	2.68	0.14	0.05	51.9
			30													
(less than 1mm) occassional grey black patches and grains				~	30.0 thick pyrite vienlet		120"	120"	100							
				~	31.0 pyrite vienlets					8726004	94.0	2.22	3.10	0.06	0.05	51.1
				~	33.0 single inch of pyrite (0.5cm)											
				~	34.5-37.0 thin pyrite vienlets	36										
										8726005	93.0	2.62	3.67	0.14	0.11	50.9
			40													
							120"	120"	100	8726006	95.7	0.98	2.91	0.10	0.07	52.1
						46										
48.0-48.5 medium grained bladed crystals				/	48.0 smooth fracture @ 60°					8726007	96.0	1.02	2.03	0.37	0.18	52.0
			50													
							120"	120"	100							
				=	54.0 two fractures @ 65°					8726008	94.2	0.74	3.0	1.33	0.17	51.7
						56										
MAGNESITE (56.0-75.6) light grey, fine to medium grained, with occasional coarse grained crystals	LL		100	~	57.0-58.0 some medium grained bladed crystals					8726009	92.3	3.97	2.46	0.64	0.13	50.4
				=	58.5-59.5 pyrite vienlets											

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOV'Y PERCENT	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
fresh, frequent grey bladed crystals occasional grey black grains			60	~	62.5 pyrite violet		120"	120"	100	8726010	95.6	0.81	1.84	1.14	0.22	51.67
				/	66.5 fracture @ 60°	66				8726011	96.3	0.73	1.66	1.05	0.15	51.9
			70				120"	120"	100	8726012	95.1	1.02	1.63	1.58	0.28	51.6
					74.0 - 77.5 medium grained bladed crystals											
MAGNESITE (75.5-81.5) fresh, coarse grained, bladed crystals white			80		77.5 black bladed crystals 79.5 light pinkish hue 3cm grey siliceous fine grained band.					8726013	95.7	1.52	1.53	1.08	0.11	51.5
MAGNESITE (81.5-113.0) light grey, fine to medium grained fresh, numerous pyrite - violets throughout.			90		81.5-84.5 few of pyrite violet 86.0 subvertical irregular fracture		120"	120"	100	8726014	96.0	1.50	1.51	0.58	0.11	51.4
										8726015	77.4	19.3	1.53	0.70	0.07	49.
			100				120"	120"	100	8726016	82.4	13.2	1.51	0.72	0.17	49.8
										8726017	79.5	16.9	1.52	0.75	0.13	49.
			110				120"	120"	100	8726018	92.7	4.18	1.38	0.92	0.09	51.0
										8726019	87.7	9.2	1.49	0.67	0.07	50.
							120"	120"	100	8726020	90.0	7.0	1.61	0.53	0.06	50.
MAGNESITE (113.0 - 121.5) white fresh, fine grained with numerous coarse grained bands and intervals to tens of centimeters					116.0 smooth fracture @ 35° 117.5 rough break 35°					8726021	94.5	2.91	1.41	0.59	0.11	51.1
			120							8726022	94.9	0.90	3.13	0.39	0.06	51.7

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: FOOTAGE	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
	120			120"	120"	100		See previous page					
MAGNESITE (121.5-135.5) fine grained, light grey, fresh numerous pyrite veinlets and some disseminated clots of pyrite to 2mm		125.0 fracture @ 30°					8726023	85.8	11.4	1.44	0.51	0.17	49.7
	130	126.5 two fractures @ 30° and 50° with subparallel strikes; 130.0 fracture @ 30	126				8726024	91.1	5.9	1.67	0.49	0.27	50.28
		131.0 subvertical fracture; 135.5 bright orange stained fracture		120"	120"	100	8726025	92.2	5.2	1.51	0.25	0.09	50.6
MAGNESITE (135.5-140.5) fine grained, light grey, fresh minor disseminated pyrite less than 1mm numerous fractures	140	136.0 orange calcite coated fracture @ 35° crosscutting fracture @ 50° @ 45°; 135.5-140.5 numerous fractures @ 30°, 40° and 50° core in 2-10cm pieces	136				8726026	94.3	3.3	1.50	0.19	0.09	50.7
MAGNESITE (140.5-186.5) light grey to grey, fine grained, fresh several intervals of thick pyrite veinlets, minor disseminated pyrite.		141.0 fracture @ 70°; 142.0 rusty cross cutting fractures at 30° 45°; 142.5 fracture @ 60°; 144.5 fracture @ 40°		120"	120"	100	8726027	87.2	9.9	1.47	0.18	0.09	49.9
	150	145.0 fracture @ 30°; 145.5 " " 45; 146.5 irregular subvertical fracture; 147.0-149.0 several fractures @ 50° and [illegible]	146				8726028	80.9	16.3	1.43	0.20	0.10	48.9
		149.5 fracture @ 35°; 154.0 two fractures @ 40° striking @ 90° to each other		120"	120"	100	8726029	79.6	17.6	1.39	0.24	0.14	48.9
	160	158.0 fracture @ 30°; 158.0 slightly rusty fracture @ 20°	156				8726030	84.1	13.2	1.49	0.14	0.12	49.5
		cross cutting fracture @ 35°; 163.5-164.0 core pulverized yellowed calcareous		120"	120"	100	8726031	85.4	12.1	1.44	0.10	0.10	49.75
	170	167.5-168.0 three fractures @ 45°; 169. core yellowed calcareous	166				8726032	92.8	5.1	1.42	0.11	0.09	50.68
		170.0-171.0 fracture @ 10°; 173.5 rusty pyrite veinlets cross cutting fracture @ 35°		120"	120"	100	8726033	96.4	1.64	1.28	0.12	0.10	51.23
173.5-180.0 several breaks in core along steeply dipping pyrite veinlets @ 10°-20°	180	180.0 fracture @ 20°	176				8726034	94.3	3.28	1.36	0.23	0.14	51.05

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ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	Recov'd Length	Percent Recov'ry	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			180		181.0 subvertical fracture 182.5 several subvertical fractures flaking at different angles 184.0-186.0 extremely high pyrite concentrations (30-40%)		120"	120"	100	8726035	88.7	9.0	1.31	0.19	0.09	50.3
MAGNESITE (186.5-241.0) fine to medium grained white and light grey alternating intervals occasional thin grey banding in white intervals, increasing medium to coarse grained below 233.5' (gradational to lower unit			190			186				8726036	79.8	17.5	1.36	0.20	0.10	49.1
							120"	120"	100	8726037	93.5	2.90	2.75	0.23	0.17	49.8
			200			196				8726038	95.4	0.77	2.91	0.22	0.19	51.6
							120"	120"	100	8726039	96.7	0.58	1.93	0.05	0.22	51.6
			210			206				8726040	97.6	0.47	1.28	0.10	0.17	51.9
					212.5 clean fracture @ 20°		120"	120"	100	8726041	97.4	0.43	1.61	0.12	0.19	51.9
			220			216				8726042	97.1	0.43	1.78	0.08	0.36	51.8
							120"	120"	100	8726043	97.1	0.45	1.90	0.10	0.26	51.8
			230			226				8726044	97.6	0.45	1.52	0.06	0.17	51.9
231.5-232.5 numerous grey black vienlets					232.0 fracture @ 70° 235.5 grey black vienlets @ 40°		120"	120"	100	8726045	96.0	0.48	3.06	0.05	0.14	51.8
			240		236.5 fracture @ 60° 236.0-237.0 numerous grey black vienlets	236				8726046	92.3	0.42	6.48	0.10	0.17	51.5

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			240				120"	120"	100		see previous page					
MAGNESITE (241.0 - 328.5) very fine grained to - to ground light grey interbedded with white medium to coarse grained bands, occasional intervals					246.5 smooth fracture @ 50°	246				8726047	96.9	0.41	2.00	0.05	0.24	51.92
					246.5 - 249.5 faint pinkish hue to cure in coarse grained zone					8726048	98.1	0.35	1.17	0.04	0.10	51.92
			250													
of thin grey subparallel bands or dark grey wisps surrounding white magnesite masses					250.0 fracture @ 50°		120"	120"	100	8726049	91.6	0.37	7A	0.05	0.12	51.45
					251.0 fracture @ 35°											
					252.5 " @ 40°											
					256.0 two cross cutting fractures @ 50° and 10°	256										
			260							8726050	96.1	0.39	3.02	0.07	0.20	51.79
							120"	120"	100	8726051	98.0	0.40	1.27	0.02	0 22	51.93
						266										
			270							8726052	97.9	0.40	1.15	0.24	0.15	52.18
							120"	120"	100	8726053	96.1	0.38	2.31	0.83	0.10	50.71
					274.0 subvertical fracture											
					275.0 two fractures @ 15°	276										
					276.0 fractures @ 0° and 20°					8726054	96.9	0.49	1.74	0.30	0.38	51.71
			280													
					281.0 0.5cm white pasty (huntite)		120"	120"	100	8726055	97.0	0.40	1.73	0.49	0.12	51.60
					282.0 smooth fracture @ 10°											
					284.0 - 286.0 rough subvertical fracture	286										
			290							8726056	96.6	0.54	1.66	0.75	0.10	51.60
							120"	120"	100	8726057	97.6	0.49	1.12	0.40	0.10	51.42
					296.0 rusty calcareous fracture @ 10°	296										
			300		299.5 as above @ 65°					8726058	97.5	0.50	1.59	0.50	0.06	52.02

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	POOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOV'D PERCENT	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			300				120"	120"	100	8726059	97.4	1.09	1.08	0.12	0.06	52.03
					306.5 rusty calcareous	306										
			310		308.0 clean fracture @ 40°					8726060	98.0	0.42	1.06	0.10	0.06	51.82
316.0 calcareous				//	313.5 two fractures @ 60° and 150° striking @ 90° to each other		120"	120"	100	8726061	98.1	0.43	1.16	0.25	0.06	51.76
					316.0 fracture @ 90°	316										
			320		317.0 two fractures @ 40° & 60° striking @ 45° to each other					8726062	96.7	0.45	1.38	1.04	0.23	51.52
				Y	317.5 fracture @ 30°											
					321.0 calcite coated fracture @ 40°		120"	120"	100	8726063	97.5	0.49	1.31	0.30	0.06	51.99
					322.5 calcareous cross cut by fracture @ 20°											
					323.0 fractures cross cutting @ 20° and 60° striking parallel	326										
										8726064	98.1	0.45	1.24	0.17	0.04	52.08
MAGNESITE (328.5 - 350.0)			330													
grey speckled w/ll dk grey black grains, fine grained fresh							120"	120"	100	8726065	97.8	0.47	1.31	0.07	0.14	51.93
						336										
			340	//	338.0 two fractures @ 70° and 75°					8726066	97.2	0.44	1.44	0.51	0.14	51.84
				///	341.0 fracture @ 30°		120"	120"	100							
				/	341.5 " " 40°					8726067	96.3	0.47	1.78	0.96	0.14	51.82
				—	343.0 fracture @ 55°											
					344.0 clean fracture @ 10° striking @ 45° to 55° fracture	346										
			350	/	348.0 smooth fracture @ 40°					8726068	96.8	0.47	1.44	0.90	0.14	51.95
MAGNESITE (350.0 - 371.0) light grey, fine grained, f. sl				/	350.5 fracture @ 10°		120"	120"	100							
				/	351.5 fracture @ 50°					8726069	97.6	0.44	1.40	0.14	0.16	51.96
				/	353.5 fracture @ 10°	356										
				//	357.0 two parallel fractures @ 10°											
			360	/	359.0 fracture @ 70°					8726070	97.6	0.40	1.33	0.11	0.29	51.87

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOVERED LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			360	/	361.5 fracture @ 30°		120"	120"	100	8726071	97.5	0.42	1.24	0.37	0.19	51.94
				X	363.0 two fractures @ 30° cross cutting but parallel structure											
					363.5 rough fracture @ 30°	366										
			370	/	368.5 fracture @ 20°					8726072	96.8	0.40	1.24	0.98	0.17	51.84
				//	369.5 two fractures @ 20°											
MAGNESITE (371.0 - 377.5) white, coarse grained, fresh				/	371.0 light pink hue		120"	120"	100	8726073	97.3	0.44	1.11	0.62	0.19	52.05
				/	375.0 irregular fracture @ 20°											
					376.5 thin pyritic violets	376										
MAGNESITE (377.5 - 430.0)			380	/	378.5 rough fracture @ 15°					8726074	98.0	0.58	1.11	0.11	0.16	51.81
				X	379.0 fracture @ 90° striking @ 0° to 15° fracture											
grey, fine grained speckled texture, some black grains, fresh, occasional white mpaque coarse grained bands unit				X	380.0 two fractures @ 20° strike 30° different		120"	120"	100	8726075	96.6	0.37	1.30	0.84	0.58	51.82
				/	381.0 " " " 20° & 90° strike 20° different											
				/	380.0 - 386.0 unit well fractured with fractures @ 20° & 90°											
				/		386										
				/	388.5 pinkish hue					8726076	97.5	0.38	1.08	0.45	0.23	52.05
			390	//	389.5 two fractures @ 50° & 60°											
				/	391.0 two fractures @ 40° & 90° with thin wispy violet @ 30°		120"	120"	100	8726077	97.3	0.47	1.19	0.48	0.33	51.94
				/	391.0 - 392.0 fractures @ 20°, 30° & 50°											
				/	393.5 irregular subvertical fracture	396										
				/						8726078	97.0	0.40	1.16	0.76	0.37	51.92
			400	/	399.5 fracture @ 70°											
				/	402.0 light pinkish hue		120"	120"	100	8726079	97.2	0.38	1.02	0.68	0.37	51.88
				/	403.5 irregular fracture @ 30°											
				/	405.5 irregular fracture @ 30°	406										
				/	407.0 fracture @ 70°					8726080	97.8	0.39	1.52	0.11	0.10	52.13
408.0 - 411.0 thin orange violets @ 60°			410	/												
							120"	120"	100	8726081	95.3	0.50	3.21	0.46	0.10	51.89
415.0 thin yellow violets @ 70°				X	415.0 two fractures @ 30° crosscut by fracture @ 20°	411										
416.0 - 417.0 coarse grained																
417.0 thin orange thin violets @ 60°			420	/	419.0 fracture @ 70° a long range violet					8726082	96.3	0.40	2.53	0.13	0.23	51.96

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ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	Recov'd Length	Percent Recov'y	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			420		421.0 two fractures @ 30° crosscutting but striking parallel 421.5 rough fracture at 70° 424.5 two rough fractures @ 15°		120"	120"	100	8726083	97.6	0.38	1.31	0.13	0.33	52.0
			430		426.0 smooth fracture @ 55°	426				8726084	95.9	0.41	1.27	0.93	1.05	51.65
MAGNESITE (430.0 – 440.5) grey fine grained with frequent white medium to coarse grained bladed crystals, light pinkish hue due to talc					433.0 serpentine veinlet green waxy		120"	120"	100	8726085	78.5	0.62	0.72	17.9	1.20	47.43
			440		436.5 fracture @ 30° 438.0 " " "	436				8726086	86.0	0.72	1.49	9.52	1.18	48.81
TRANSITION (440.5 – EOH) UNIT medium to coarse grained white bladed magnesite crystals in black to grey black fine grained matrix, thin argillaceous stringers 2-5mm thick cross cut core every					Many argillaceous stringers appear to be polished or slickensided		120"	120"	100	8726087	70.8	0.56	1.34	21.0	5.3	42.85
			450			446				Not Sampled						
3-4 cm appear to dip 70°-90° to core axis							120"	120"	100							
			460		Total Depth 456 feet	456										
			470													

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HOLE NO. 87-27
SHEET 1 OF 3

Location: RADIUM B.C.	Bearing: nil	Northing: 16,645.73 m	Property: MOUNT BRUSSILOF
Date collared: SEPT 28, 1987	Length: 144 feet	Easting: 7,627.47 m	Core size: BQ (1½ inch)
Date completed: SEPT 29, 1987	Dip: 90°	Collar elev.: 1,388.9 m amsl	Scale of log: approx 1" = 10'
O.B. depth: nil	Logged by: FDM	Date: Sept 28, 1987	

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: FOOTAGE	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
MAGNESITE (2.0-15.0) fine to medium grained, white with occasional coarse grained bands, fresh		2.0-9.0 irregular thin dark grey to black vienlet; 7.0 rough core break @ 60°					8727001	97.2	0.59	1.59	0.16	0.16	52.07
	10	9.5 rough fracture @ 50° crosscutting	10	48"	48"	100	8727002	96.1	0.71	1.95	0.39	0.29	52.33
		mud coated fracture @ 70°; 11.0 mud coated rough fracture @ 100; 14.0 thin grey black vienlet		96"	96"	100	8727003	97.3	0.53	1.43	0.22	0.19	52.11
MAGNESITE (15.0-36.0) fresh, light grey, very fine to fine grained, occasional	2.	bordering 3cm coarse grained band; 14.5 - same as above; 15.5 [illegible]; 17.0 fracture @ 40° orange weathered [illegible]; 17.5 " " 70°; 18.0 two fractures @ 30°	16 / 1(1cm				8727004	94.8	0.52	3.33	0.60	0.35	51.81
medium to coarse grained band		19.3 rough fracture @ 45; 21.0 fracture @ 20°		120"	120"	100	8727005	96.7	0.50	1.48	0.41	0.37	52.13
	30	27.0 two rough core breaks @ 30°; 27.0-28.5 thin grey banding	26				8727006	97.6	0.46	1.30	0.21	0.14	52.06
		31.0 rough core break @ 40°; 33.0-37.5 thin grey banding		120"	120"	100	8727007	97.4	0.43	1.14	0.63	0.12	52.11
MAGNESITE (36.0-40.5) fresh, light grey, medium grained	40		36				8727008	97.5	0.45	1.33	0.29	0.16	52.22
MAGNESITE (40.5-48.0) fresh, white, coarse grained, opaque		core broken into 5-15cm pieces		120"	120"	100	8727009	97.8	0.40	1.00	0.08	0.08	52.27
	50		46				8727010	98.3	0.36	0.95	0.17	0.10	52.1
MAGNBISE (48.0-87.0) fresh, fine to medium grained, white to very light grey with intervals of thin regular parallel grey banding, frequent thin bands of white coarse grained material		51.0 10cm coarse grained band; 53.0 rough core break @ 30°; 53.5 13cm coarse grained band		120"	120"	100	8727011	98.1	0.38	1.17	0.08	0.10	52.0
	60	56.0 4cm coarse grained band; 57.0 12cm coarse grained band; 58.5 15cm coarse grained band	56				8727012	98.4	0.40	1.08	0.08	0.14	52.1

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG FOOTAGE	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LO
	60	61.0-63.0 63-70-1 cm coarse grained bands		120"	120"	100	8727013	98.6	0.40	0.92	0.04	0.06	98
	70	65.0 faint grey banding; 66.0 - 68.0 numerous grey to dark grey grains	66				8727014	98.5	0.46	1.13	0.12	0.14	98.
		71.0 faint grey banding; 72.0-73.5 coarse grained band		120"	120"	100	8727015	97.0	0.35	2.08	0.21	0.13	51.3
	80	74.0-77 - faint grey banding and thin coarse grain units	76				8727016	98.5	0.38	0.87	0.08	0.13	51.6
		84.0 - 85.0 clear grain coarse grained band		120"	120"	100	8727017	96.8	0.38	2.45	0.09	0.18	51.4
MAGNESITE (87.0-103.5) fresh, fine grained, light grey, occasional thin pyrite veinlet and minor disseminated pyrite	90	87.5 mud coated fracture at 50° paralleling orange 2mm thick vuggy calcite veinlet; 89.5 calcite healed fracture @ 40°	86				8727018	97.0	0.41	2.19	0.10	0.28	51.2
				120"	120"	100	8727019	97.2	0.38	1.58	0.29	0.25	51.2
	100	97.0 grey veinlet @ 15°; 98.5 subvertical slightly weathered pyrite veinlet	96				8727020	97.6	0.46	1.25	0.23	0.25	51.9
MAGNESITE (103.5 - 111.0) fine to medium grained fresh, white, occasional pyrite veinlets and minor disseminated pyrite		102.0 1mm thick pyrite veinlet surrounding white magnesite clot		120"	120"	100	8727021	96.9	1.03	1.19	0.47	0.21	51.2
		109.0 - 111.5 light orange staining	106				8727022	94.3	0.38	3.88	0.59	0.39	51.
	110	110.0 2mm thick tan ankerite veinlet vuggy adjacent core porous					8727023	96.9	0.47	1.92	0.13	0.36	51.8
MAGNESITE (111.0 - 125.5) fine to medium grained white and grey speckled, minor 1mm clots and stringers of pyrite		111.0-111.0 subvertical ankerite veinlet; 113.5 fracture @ 50° crosscut by thin calcite veinlet @ 90°		120"	120"	100	8727024	97.6	0.58	1.31	0.17	0.15	51.7
	120	114.5 thin lacy orange stained; -115.0 white veinlets, orange staining; 116.0 - 117.5 calcareous, porous, orange; 120.0 rough core break @ 30°	116				8727025	95.0	0.37	3.79	0.55	0.18	51.5

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ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	Recov'd Length	Percent Recov'y	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
			120		121.0 – 125.5 minor pyrite clots and stringers 125.5 thick pyrite surrounding thin magnesite veinlet		120"	120"	100	8727026	96.3	0.38	1.35	1.06	0.38	51.62
MAGNESITE (125.5 - 129.5) fine grained, grey with 10-30% black grains					128.5' rusty pyrite veinlets 129.0 strongly weathered with rusty pyrite veinlets	126				8727027	96.1	1.18	1.44	0.58	0.26	51.06
MAGNESITE (129.5 - 134.0) fresh, fine grained, white, 133.5 - 134.0 grey			130 FW		130.5 – 131.0 orange, slightly calcareous, porous, pyrite veinlets 132.0 thin calcite veinlets, orange porous 133.0 – 133.5 large calcite veinlets orange porous	porous	120"	120"	100	8727028	92.6	0.84	5.00	0.83	0.44	51.05
LIMESTONE (134.0 - EOH grey, aphanitic, strong reaction to dilute HCl					134.0 – 136.0 well broken along vertical fractures and calcite coated surfaces (bedding?) @ 55° increasing to 60°-65° with depth below 136.0	136				Not Sampled						
			140		Core broken into 2-12 cm pieces Fractures infilled with calcareous cemented mud	144	96"	96"	100							
					TD = 144 feet											
			150													
			160													
			170													
			180													

Form: E. Shannon, 8-82

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75.0 - 119.5 - 44.0 = 90.5

HOLE NO. 87-28
SHEET 1 OF 3

Location Adam B.C. | Bearing — | Northing 10,609.40 m | Property Mount Brassilore | O.B. depth N/A
Date collared Sept 28, 1987 | Length 136 FEET | Easting 7,660.94 m | Core size BQ (1⅛ inch) | Logged by FDM
Date completed Sept 28, 1987 | Dip 90° | Collar elev. 1,387.8 masl | Scale of log 1" = 10' | Date Sept 30, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	BLOCK FOOTAGE	CORE RECOVERY: INTERVAL LENGTH	RECOV'D LENGTH	PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
CASING SET TO 2 FEET						2										
MAGNESITE (2.0 - 6.0) fresh, fine grained grey speckled					2.0-9.0 Core well broken		48"	36"	75	B728001	98.1	0.36	1.13	0.34	0.19	51.9
MAGNESITE (6.0 - 30.0) white, fresh medium to fine grained			10		7.0 white opaque 10cm coarse grained 9.0 " " 7 cm " " 9.0 rough core break @ 30° bladed crystals	6				B728002	97.8	0.38	1.27	0.17	0.14	51.9
					14.0 - 15.5 wh. to course grained band 15.5 - 17.0 thin dark reddish brown violett	16	120"	120"	1000	B728003	98.2	0.38	1.27	0.07	0.08	52.1
			20							B728004	97.6	0.42	1.41	0.04	0.04	52.0
					23.0 27.0 thin grey black violets some light rust staining adjacent to violets 30.5 - 31.5 same as 23.0 - 27.0	26	120"	120"	100	B728005	93.7	0.39	5.1	0.11	0.06	52.9
			30							B728006	97.3	0.43	2.09	0.11	0.01	52.4
MAGNESITE (30.0 - 38.5) light grey, fresh, fine grained					30.0 - 32.0 subvertical calcite vein (1mm 35.0 1cm white paste-like infilling on horizontal break, powdery when dry	36	120"	120"	100	B728007	96.2	0.42	2.46	0.35	0.18	51.9
MAGNESITE (38.5 - 48.5) white, fresh, medium grained			40		39.0 calcite coated rough fracture @ 40°					B728008	97.5	0.37	1.53	0.30	0.14	52.0
					41.0 calcite rock exposed on break. 44.0 fracture @ 35° 45.0 " " " 47.0 " " " calcite-coated	46	120"	120"	100	B728009	97.1	0.36	2.04	0.14	0.06	52.0
46.0 - 51.0 yellowed, lightly calcareous										B728010	97.7	0.32	1.83	0.10	0.04	52.05
MAGNESITE (48.5 - 52.5) very lightly weathered, fine grained, white to lightly yellowed, calcareous			50													
					52.0 yellowed calcite crystals on 70° fracture		120"	120"	100	B728011	97.4	0.47	1.67	0.21	0.12	51.98
MAGNESITE (52.5 - 61.0) very lightly weathered, medium grained, grey, speckled, lightly yellowed and locally calcareous thin calcite veinlets common, occasional small vugs					52.5 pyrite cubes from 1mm to 10mm 55.0 calcite vein @ 40° 56.0 pyrite cubes to 1.0cm.	56				B728012	97.4	0.63	1.50	0.23	0.06	52.0
			60							B728013	97.4	0.71	1.25	0.30	0.10	51.9

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	Footage	MINERALIZATION AND STRUCTURE	Footage Blocks	Interval Length	Recov'd Length	Percent Recov'ry	Sample Number	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
				120"	120"	100		see previous page					
MAGNESITE (61.0-81.5) lightly weathered fine grained, some thin medium grained intervals, yellowed, calcareous disseminated pyrite		63.0 core rubbilized, iron stained; 65.0 light orange staining, porous adjacent to subhorizontal fracture					8728014	97.6	0.56	1.15	0.32	0.18	52.0
68.0-70.0 yellow, lightly weathered calcareous 1-2cm pyrite [illegible]	70	65.0-66.0 large clots of small pyrite cubes; 66.0 rough sharp fracture @ 10°; 68.0 vugs, iron staining	66				8728015	96.7	0.85	1.48	0.36	0.18	51.8
MAGNESITE (70.0-81.5) fresh, fine grained, light grey with thin white bands		71.0-75m fresh pyrite clots 2-8mm		120"	120"	100	8728016	96.2	1.85	1.29	0.25	0.12	51.1
	80		76				8728017	97.5	0.46	1.59	0.17	0.08	52.0
MAGNESITE (81.5-95.0) fresh medium to coarse grained, opaque white with numerous finer grained dark grey grains		81.5 - 6cm yellowed friable; 82.5 calcite filled fracture @ 20° and fresh fracture @ 25°		120"	120"	100	8728018	97.0	0.39	1.51	0.64	0.22	51.8
	90	85.5 rough break @ 40°; 87.0 fracture @ 35°; 87.5 serpentine veinlet @ 35°	86				8728019	97.0	0.37	1.39	0.75	0.22	51.8
		92.5 smooth fracture @ 45°; 94.5 rough fracture @ 15°		120"	120"	100	8728020	96.0	0.36	1.59	1.20	0.42	51.6
MAGNESITE (95.0-119.5) white, fresh medium to fine grained	100	96.0 sharp fracture @ 15°; 99.5 brownish black veinlets	96				8728021	96.4	0.37	1.86	0.60	0.34	51.71
		101.0 rough fracture @ 30°		120"	120"	100	8728022	87.9	0.36	8.5	2.00	0.65	50.7
	110	106.0 " " " 20°	106				8728023	97.4	0.37	1.40	0.46	0.20	51.8
				120"	120"	100	8728024	96.8	0.34	1.29	0.82	0.48	51.6
	(FW?) 120	116.5 clean, sharp fracture @ 10°	116				8728025	88.6	0.46	6.4	3.13	0.85	50.1

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ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
MAGNESITIC (115.5 - EOH) DOLOMITE light grey becoming darker with depth particularly below 135.0, very fine grained, sugary texture, siliceous. Thin wavy 1mm thick white bands interspersed with 2mm thick grey bands. Thin black irregular veinlets every 10cm (segregation stringers?)			120	/	120.5 small sharp fracture @ 35°		120"	120"	100	8724026	48.4	0.26	47.2	1.91	0.04	47.3
				/	123.0 two fractures @ 20° and 35°	126										
			130	/	129.0 small sharp fracture @ 35°											
				//	131.0 two fractures @ 35° and 50° 133.0 three smooth fractures @ 45° 133.5-134.5 fine grained magnesite & fig. white quartz veinlets to 1cm 134.5-135.0 white quartz veinlets to 1cm	/	120"	120"	100							
						134				not Sampled						
					TD 136 FEET										✓	
			140													
			150													
			160													
			170													
			180													

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HOLE NO. 87-29
SHEET 1 OF 4

Location Adium B.C. | Bearing — | Northing 10,182.81 m | Property Mount Brussilof | O.B. depth —
Date collared Sept 26, 1987 | Length 216 FEET | Easting 7,588.44 m | Core size BQ (1½ inch) | Logged by FDM
Date completed Sept 27, 1987 | Dip 90° | Collar elev. 1,387.7 m amsl | Scale of log approx 1" = 10' | Date Sept 27, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
CASING SET TO 6 FEET						6	—	—	—	—	—	—	—	—	—	—
MAGNESITE (6.0 – 24.0) fine to medium grained with coarse grained intervals			10							8729001	97.6	0.41	1.30	0.31	0.30	51.31
fresh, white							120"	96"	80	8729002	97.8	0.37	1.42	0.06	0.15	51.94
17.0 – 18.5 white opaque coarse grained band			20			16				8729003	94.4	0.40	4.56	0.11	0.23	51.72
21.0 – 21.5 same as 17.0 – 18.5'					23.0 1mm thick tan ankerite vein		120"	120"	100	8729004	90.7	0.46	7.94	0.18	0.21	51.54
MAGNESITE (24.0 – 76.5) fine grained, pale light grey, fresh			30		25.5 rough curve break @ 45° and dark grey band 25.5 irregular dark grey band (6 cm)	26				8729005	96.9	0.62	1.49	0.11	0.16	51.91
34.5 8cm light orange porous 38.0 calcite filled fracture @ 40°			40		30.0 grey black vein surrounding white magnesite clot. 34.5 – two 1mm thick calcite veins @ 45° 36.0 rough mud filled fracture @ 45° 37.0 calcite coated fracture @ 40° and mud coated fracture @ 20° 39.5 – 40.0 dark reddish black 1mm thick violets bordering thin magnesite violet		120"	120"	100	8729006	97.5	0.52	1.38	0.17	0.08	51.97
					41.0 rough curve break @ 30°	36				8729007	96.6	0.44	1.56	0.72	048	51.63
			50		46.0 subvertical rough curve break, cross cutting small clear fracture @ 10° 47.0 sharp mud coated fracture @ 10° and sharp clear fracture @ 50°	46	108"	108"	100	8729008	97.0	0.46	1.49	0.53	0.43	52.04
										8729009	97.2	0.41	1.44	0.49	036	51.76
51.0 thin weathered pyr to violet surrounding magnesite clot 53.0 irregular thin weathered, pyrite violet			60		50.5 2 – fractures @ 55° and 20° 51.0 2 fractures @ 55° and 15° 52.0 fracture at 10° x 55° 52.0 – 55.0 core badly broken along fracture @ 10° 55.0 fracture at 30° 55.5 fracture @ 60° 57.5 " " " " 58.5 " " " 50°	55				8729010	95.7	0.54	1.93	1.12	0.51	51.8
										8729011	97.2	0.44	0.83	0.95	0.36	51.7

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HOLE NO. [illegible]
SHEET 2 OF 4

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: FOOTAGE	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
64.0-69.0 white, medium grained with grey banding 0.5-1.0cm thick every 2 cm	60	63.0 fracture @ 40°	65	120"	120"	100	8729012	98.0	0.39	0.96	0.31	0.14	51.98
	70						8729013	98.2	0.35	0.91	0.23	0.12	5203
		73.0 7mm of calcareous tan mud infilling sharp fracture @ 10°	75	120"	120"	100	8729014	95.5	0.35	3.74	0.31	0.20	51.62
MAGNESITE (76.5-89.0 coarse grained, white, fresh	80	77.0-77.5 lightly weathered orange crossed by sharp mud coated fracture @ 20°; 79.0-80.0 grey medium grained band	80	60"	53"		8729015	86.3	0.35	12.0	0.54	0.32	51.23
with some grey fine to medium grained intervals		80.0 mud coated fracture @ 15°; 81.5-85.0 medium grained grey grains 30% adjacent to 0.5cm orange stained calcite vein; 85.0 thin tan ankerite vein @ 50°; 85.5 mud filled wavy fracture @ 25°		72"	(78)"		8729016	96.4	0.35	2.48	0.24	0.15	51.98
86.5 4cm orange porous calcareous adjacent to calcite healed fracture @ 20°	90	89.0 rough cut break @ 30°; 89.5 white medium grained band 1cm	86				8729017	91.6	0.39	6.9	0.42	0.19	51.82
MAGNESITE (89.0-106.0) fresh, fine grained grey with occasional large clots or bands of white magnesite		91.5 as above; 92.0 healed subvertical fracture; 93.0 as above but coarse grained; 94.5 same as 93.0		120"	120"	100	8729018	97.0	0.33	1.07	1.09	0.12	52.09
	100	97.0 fracture @ 35°; 97.5 fracture @ 30°; 99.0 clean sharp fracture @ 20°	96				8729019	97.7	0.36	0.94	0.37	0.15	5206
		102.0 several 1-2cm thick medium grained bands		120"	120"	100	8729020	98.0	0.36	1.10	0.36	0.15	5258
MAGNESITE (106.0-119.8) fresh, medium grained, white with thin grey bands,	110		106				8729021	98.0	0.36	1.20	0.21	0.07	52.12
5cm thick white coarse grained bands common		110.5-111.0 grey black grains		120"	120"	100	8729022	98.5	0.35	0.92	0.19	0.05	52.21
	120		116				8729023	97.1	0.33	1.87	0.18	0.05	52.16

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ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
MAGNESITE (119.8 - 125.0) medium grained, white and grey grains			120		124.5-125.0 subvertical irregular frac pyrite veinlet		120"	120"	100	8729024	97.5	0.84	1.07	0.20	0.12	51.73
MAGNESITE (125.0 - 127.0) white coarse grained						126				8729025	98.3	0.35	0.88	0.09	.05	52.22
MAGNESITE (127.0 - 153.0) fine to medium grained, grey mottled			130							8729026	97.3	0.35	1.45	0.37	0.22	52.08
with frequent 5cm thick white coarse grained bands.							120"	120"	100	8729027	98.2	0.33	1.05	0.12	0.07	52.16
136.0 - 136.5 faint grey banding					135.0 rough fracture @ 15°	136										
			140		138.5 grey black vienlets bordering thin magnesite vienlet					8729028	98.0	0.32	1.04	0.19	0.12	52.16
							120"	120"	100	8729029	97.9	0.32	1.15	0.22	0.12	52.14
						146										
			150		148.5 grey banding					8729030	98.0	0.33	1.10	0.23	0.22	52.14
					151.0 black vienlets		120"	120"	100	8729031	97.5	0.32	1.18	0.47	0.27	52.11
MAGNESITE (153.0 - 181.5) fine to medium grained, grey mottled and grey black grains					153.0-155.0 rough, clean, irregular subvertical fracture											
					155.0 subhorizontal mudcoated fracture	156										
			160		158.0 same as 153.0 159.0 pyrite vienlets, minor 159.0 fracture @ 35°					8729032	96.5	0.45	1.29	0.62	0.72	52.14
					167.0-164.5 healed subvertical fracture		120"	120"	100	8729033	96.8	0.42	1.27	0.79	0.29	52.05
					165.0 clean fracture @ 20°	166										
					167.0 as above											
			170		169.0 1-3mm thick fresh pyrite vienlet					8729034	96.6	0.62	1.40	0.71	0.20	51.83
					174.0 finely disseminated pyrite along healed fracture		120"	120"	100	8729035	97.0	0.57	1.29	0.66	0.24	51.94
						176										
			180							8729036	93.1	0.38	4.9	0.82	0.20	52.03

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	Recov'd Length	Percent Recov'ry	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
			180				120"	120'	100		See	previous		page		
TRANSITION UNIT (181.5-183.5)			FW		181.5-182.5 dolomitic marl, grey calcareous transitional [illegible] zone; 182.5-183.5 white opaque with brownish grey partings, very vuggy hard											
LIMESTONE (183.5-206.0) grey, sugary texture, vigorous reaction to dilute HCl, occassional very thin white calcite healed fractures, thinly bedded					185.0 bedding @ 50°	186										
			190				60'	60'	100							
					190.0 bedding @ 60°	191										
					195.0 bedding @65°											
			200		200.0 bedding @ 70°											
					205.0 bedding @70°											
ARGILLACEOUS (206.0-211.0) LIMESTONE			210		bedding @ 70°											
interbedded grey limey and black shaley units thinly bedded. (0.5 to 2cm)					no apparent bedding											
LIMESTONE (211.0-215.5) grey aphanitic, numerous calcite veinlets to 3cm					bedding @ 60°											
ARGILLACEOUS (215.5-[illegible]) LIMESTONE same as 211.0 to 215.5 but very thinly bedded 1-5mm					TD 216 FEET											
			220													
			230													
			240													

observation drill still [illegible]

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HOLE NO. 87-30
SHEET 1 **OF** 3

Location: Radium BC — Bearing: — — Northing: 16,604.81 m — Property: MOUNT BRUSSILOF — O.B. depth: nil
Date collared: Oct 10, 1987 — Length: 156 feet — Easting: 7,619.22 m — Core size: BQ (1½ inch) — Logged by: FDM
Date completed: Oct 10, 1987 — Dip: 90° — Collar elev.: 1,394.7 m amsl — Scale of log: 1" = 10' — Date: October 11, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: Footage	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	CORE RECOVERY: Recov'd Length	CORE RECOVERY: Percent Recov'y	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
CASING SET TO 2 FEET						2				NOT SAMPLED						
FILL 2.0-36.0							60"	60"	100							
						7	36"	16"	45							
			10			10	60"	10"	20							
						16	60"	6"	10							
			20			21	60"	2"	3							
			30			26	120"	8"	7							
						36										
MAGNESITE (36.0-43.0) fine to medium grained, white speckled grey to grey black, fresh			40	\	41.0 rough calcite coated fracture @ 20°		120"	120"	100	8730001	97.7	0.44	1.07	0.37	0.20	52.07
MAGNESITE (43.0-58.0) medium grained, white, opaque, occasional grey grains, locally slightly weathered, some yellowing			50	\ \ \	43.0 core rubbilized along vertical mud filled fracture; 43.5 fracture @ 30°; 44.0 1cm of mud in fracture @ 45°; 48.0 1cm white pastey (Huntite?) in filling on horizontal break	46	--			8730002	98.1	0.35	1.37	0.10	0.10	52.36
										8730003	97.4	0.46	1.58	0.38	0.14	52.07
				\ ■	50.5 rough fracture @ 20°; 51.0 1cm cube of fine grained pyrite		120"	120"	100	8730004	97.1	0.52	1.75	0.28	0.09	52.03
					56.0 rusty mud filled subvertical fracture	56										
MAGNESITE (56.0-67.0) fine grained, grey, fresh			60							8730005	96.9	0.95	1.20	0.41	0.15	51.70

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ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	FOOTAGE	MINERALIZATION AND STRUCTURE
	60	65.5 thin pyrite veinlet
MAGNESITE (67.0 - 73.0) white, opaque coarse grained	70	68.0 rough vertical break cross cutting fracture @ 50°
occasional fine grained grey bands, yellow patches (light staining?) large clots of pyrite throughout (1-2cm)		70.0 fracture @ 60° 73.0-73.5 grey black veinlets
MAGNESITE (73.0 - 96.0) fine grained white to very light grey, with medium grained white opaque bands to 15cm occasional	80	74.5 fracture @ 55° 75.0 smooth fracture @ 70° 75.5 rough fracture @ 30° 78.5 7.5cm white pasty (kaolite?)
pyrite disseminated in clots 1mm to 5mm and grey black veinlets with some associated fine grained pyrite	90	84.0 brown ground rock on fracture @ 60 86.0-87.0 several closely spaced calcite healed fractures @ 30° 88.0 fracture @ 30°
		90.0 fracture @ 40° 91.5 fracture @ 40° 92.0 " @ 30° 92.0-93.0 mud filled vertical fracture rough 95.0-96.0 core rubblized, yellowed, calcareous, lightly weathered
MAGNESITE (96.0 - 117.0) medium grained light grey to grey	100	
with grey black grains, lightly weathered, slightly calcareous 104.5 moderately weathered, friable 105.5 fracture @ 20°	110	100.0-100.5 thin weathered pyrite veinlets 101.0 two fractures @ 30° and one @ 45° calcite coated 102.5-103.0 weathered pyrite envelope around magnesite clots 105.5 weathered pyrite veinlet, calcareous 107.0 fracture @ 60°, calcareous 108.5 weathered friable pyrite envelopes and veinlets
		111.0 clean fracture @ 70° 112.5 & 112.5 fractures @ 60° 112.5- pyrite envelope around magnesite 114.5-116.5 vertical fracture calcite coated
MAGNESITE (117.0 - 137.0) as above but finer grained	120	118.0 calcite coated fracture @ 30° 118-119.0 15° fracture calcite coated 120.0 fractures @ 30° and 35° striking approx perpendicular, calcite coated

FOOTAGE BLOCKS	INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RY	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
	120"	120"	100			see	previous	page		
				8730006	97.0	0.43	1.32	0.81	0.32	51.90
66				8780007	91.8	1.61	5.32	0.58	0.10	50.87
	120"	120"	100							
76				8730008	96.8	0.43	1.40	0.70	0.34	51.88
	120"	120"	100	8730009	97.2	0.96	1.37	0.18	0.07	51.65
86				8730010	97.3	0.53	1.43	0.27	0.14	52.08
	120"	120"	100	8730011	97.6	0.47	1.25	0.40	0.22	52.27
96				8730012	95.9	0.52	2.73	0.43	0.17	51.83
	120"	87"	74	8730013	96.8	0.83	1.58	0.42	0.17	51.87
106				8730014	96.4	0.47	1.90	0.62	0.27	52.01
	120"	120"	100	8730015	95.3	0.62	2.24	1.06	0.41	51.89
116				8730016	94.9	0.75	1.99	1.34	0.58	51.73

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-30
SHEET 3 OF 3

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOV'D LENGTH	CORE RECOV'D PERCENT	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
123.5-124.0 vertical rough fracture			120		121.0-122.0 fractures @ 20°, 50° and 60° calcite coated fractures 122.0-123.0 vertical calcite coated fracture 125.0-126.0 weathered pyrite stringers	1 126	120"	120"	100	8730017	96.3	0.61	1.21	1.03	0.46	52.0
			130		127.2 rough breaks @ 45° and 55° 128.2 " " @ 30° 129.5 subvertical rough fracture					8730018	96.0	0.87	1.84	0.81	0.44	51.9
			FW		131.0 fracture @ 20° 133.0 rough fracture @ 20° 133.5 fracture @ 25° + 3cm clots pyrite 134.5 healed fractures @ 30° 136.0 fracture @ 20°	134	120"	120"	100	8730019	95.4	2.00	1.37	0.78	0.27	51.4
MAGNESITIC DOLOMITE (137.0-140.0) grey, siliceous, very fine grained, sugary			140		137.0 calcite coated fracture @ 40° 138.5 subvertical rough fracture					8730020	67.4	0.64	27.5	3.33	0.65	49.1
DOLOMITE (140.0-144.0) dark grey dolomitic angular breccia in black calcareous argillaceous matrix becoming increasingly calcareous with depth					141.5 fracture @ 60°		120"	120"	100	8730021	34.5	1.83	41.2	15.60	6.2	39.4
LIMESTONE (144.0-EOH) grey, packstone particles 2-3cm no apparent bedding vigourous reaction to dil. HCl			150		147.0 fracture @ 45° 148.0 " " 45°	146				8730022	9.7	1.24	49.7	17.00	1.40	40.8
some pyrite stringers					150.5 fracture @ 50° 154.0 rough fracture @ 45°	156	120"	120"	100							
			160		TOTAL DEPTH 156 feet											

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HOLE NO. 87-51
SHEET 1 OF 6

Location RADIUM B.C. Bearing — Northing 16,954.14 m Property MOUNT BRUSSILOF O.B. depth —
Date collared October 9, 1987 Length 336 feet Easting 7,630.24 m Core size BQ (1 1/2 inch) Logged by FDM
Date completed October 10, 1987 Dip 90° Collar elev. 1,522.4 m ams/l Scale of log 1" = 10' Date October 10, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Structure	MINERALIZATION AND STRUCTURE	Footage Blocks	CORE RECOVERY: Internal Length	Recov'd Length	Percent Recovery	Sample Number	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
CASING SET TO 6 FEET					GOOD OPE 6-130 = 124 266-284.5 = 18.5 142.5	6										
MAGNESITE (6.0-37.5) fine grained, white with light grey patches			10		9.0 3cm of mud on fracture @60°		72"	68"	94	8731001	93.4	0.47	3.30	1.84	0.52	50.41
					11.0 four vertical fractures @90° to each other crossed by fractures @30° all mud coated	12	48"	38"	79	8731002	95.7	0.50	1.80	1.42	0.40	50.76
			20		16.0 vertical fracture 16.5-17.0 core rubbilized 19.5 rusty calcite-coated fracture @60° crossed by fracture @20	16				8731003	95.9	0.47	2.25	0.99	0.33	50.71
			30		20.0-20.5 core rubbilized 22.0 irregular rough fracture @10° 23.5-24.5 mud and calcite filled subvertical fracture 24.5-26.0 numerous closely spaced fractures @50°, 70° and 90° all mud filled 28.0 calcite coated fracture @65° 29.0 black grains	26	120"	110"	92	8731004	95.4	0.55	2.82	0.76	0.25	50.43
					31.0 black grains 34.5 smooth fracture @70° 35.0 yellow calcite coated fracture @50°	36	120"	120"	100	8731005	96.2	0.54	2.23	0.64	0.21	50.72
										8731006	96.5	0.54	2.14	0.57	0.19	51.75
										8731007	96.9	0.54	1.61	0.47	0.15	51.86
MAGNESITE (37.5-47.0) white to buff, medium grained			40		39.5-40.5 clean subvertical fracture					8731008	97.5	0.42	1.47	0.31	0.10	51.85
fresh except adjacent to vertical fracture					41.5-44.5 irregular subvertical fracture infilled with calcite, yellowish	46	120"	120"	100	8731009	97.4	0.42	1.54	0.30	0.13	51.51
MAGNESITE (47.0-80.0) medium grained,			50							8731010	95.3	0.43	2.05	1.00	0.81	51.53
light grey, with occasional white coarse grained bands 5-10cm thick, fresh 53.5-55.5 grey black grains					53.5 rough fracture @50° 53.5-54.5 rough, irregular subvertical fracture clean	56	120"	120"	100	8731011	95.9	0.49	2.17	0.61	0.50	52.05
			60		58.7-59.0 thin grey banding @60°					8731012	97.4	0.53	1.55	0.28	0.17	51.9

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LO
61.0 – 62.0 coarse grained. 64.0 – 69.0 core lightly yellowed			60		63.5 rough clean fracture @ 15° 66.0 fractures @ 25°, 30° and vertical 68.0 fracture @ 30° 68.0 – 69.0 core badly broken along slightly rusty rakib worked fracture	66	120"	120"	100	8731013	96.5	0.55	2.25	0.36	0.19	51.6
			70							8731014	96.8	0.69	1.79	0.36	0.23	51.8
71.0 5cm white coarse grained						76	120"	120"	100	8731015	94.1	0.61	4.12	0.38	0.33	51.5
			80							8731016	96.3	0.61	1.73	0.58	0.40	51.8
MAGNESITE (80.0 – 97.5) medium to fine grained, white fresh.					80.0-81.0 healed closely spaced (5mm) subvertical fractures vuggy calcitic	86	120"	120"	100	8731017	96.1	0.62	2.03	0.59	0.40	51.7
90.0 5cm coarse grained			90		88.0-89.5 grey black grains					8731018	97.0	0.55	1.83	0.27	0.15	51.8
						96	120"	120"	100	8731019	97.0	0.53	1.61	0.28	0.31	51.7
MAGNESITE (97.5-130.0) – medium grained, fresh, white with grey black grains and plates throughout with 5-10cm white coarse grained bands increasing in frequency and in thickness (to 20-30cm)			100							8731020	96.7	0.54	1.84	0.48	0.34	51.4
										8731021	97.3	0.76	1.50	0.29	0.15	51.9
						106	120"	120"	100	8731022	96.4	0.76	2.27	0.14	0.23	51.9
			110							8731023	97.1	0.58	1.54	0.35	0.19	51.8
						126	120"	120"	100	8731024	97.5	0.63	1.48	0.23	0.04	51.9
			120							8731025	96.8	0.92	1.65	0.22	0.08	51.9

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOVERED LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			120				120"	120"	100	8731026	95.0	0.57	3.31	0.45	0.27	51.5
						126										
			130							8731027	95.8	0.54	2.23	0.68	0.50	51.63
MAGNESITE (130.0-146.0) medium grained with coarse grained bands, white with occasional lightly yellowed zones (calcareous?), local intervals of numerous black grains with associated fine grained disseminated pyrite, occasional coarse grained bands							120"	120"	100	8731028	89.2	0.63	9.3	0.17	0.06	51.23
					137.0-138.5 thick clots and vienlets of pyrite	136										
			140							8731029	61.9	2.42	34.4	0.30	0.17	46.5
					142.5-144.5 rusty subvertical irregular fracture		120"	120"	100							
					143.5-146.0 thin rusty pyrite vienlets and black grains	146				8731030	81.4	6.79	16.8	0.26	0.16	50.6
MAGNESITE (146.0-162.5) white to very faint yellow, opaque					1460-147.0 fracture @ 10°											
					147.0 fracture @ 60°											
					148.0 " " "											
					149.5 subvertical fracture											
			150							8731031	95.2	0.66	3.5	0.13	0.08	52.85
coarse grained, very lightly weathered (yellowish), becoming banded with fine grained intervals toward the bottom, occasional thin reddish brown vienlets with associated fine grained disseminated pyrite					152.0 irregular subvertical fracture		120"	120"	100							
					153.5-154.5 numerous black vienlets and fine pyrite vienlets rusty crosscut by two rough fractures @ 15° with minor gouge(?)					8731032	93.0	0.81	4.5	0.71	0.44	51.6
					156.5 rusty thin pyrite vienlets	156										
					155.0 fracture @ 30°					8731033	87.6	0.59	10.6	0.44	0.22	51.3
			160													
					161.0-162.5 dark grey grains and very thin pyrite vienlets rusty		120"	120"	100	8731034	76.1	0.44	22.2	0.34	0.22	50.4
MAGNESITE (162.5-198.0) white to faint yellow fine to medium grained, very lightly weathered. occassional intervals containing numerous grey black grains with associated					162.5 grey black grains and thin pyrite vienlets					8731035	91.2	0.70	6.7	0.51	0.34	51.82
					163.5-164.0 light grey	166										
					166.5 fracture @ 60°											
					164.5-166.0 grey black grains											
					166.0 fracture @ 80°					8731036	91.9	0.90	6.1	0.19	0.14	51.0
			170													
fine grained pyrite and clots of pyrite to 0.5cm. 1730 1.5cm calcite band.					171.0 rusty calcite coated fractures @ 0° and 50°		120"	120"	100							
					172.0-174.5 numerous grey black grains with pyrite	176				8731037	63.8	1.36	33.1	0.36	0.28	49.0
					176.5-178.5 grey black grains and fresh pyrite clots and stringers											
			180		179.0-180.5 grey black grains and finely disseminated pyrite					8731038	66.7	1.41	30.6	0.29	0.18	49.1

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	FOOTAGE	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	INTERVAL LENGTH	RECOV'D LENGTH	PERCENT RECOV'Y	SAMPLE NUMBER	MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
	180	181.0 fracture @ 50° 181.0 – 182.0 subvertical slightly rusty fracture 182.5 fracture along rusty pyrite vienlet @ 20° 182.5 – 184.0 yellow orange patches calcareous 184.0 locally porous		120"	120"	100	8731039	59.9	0.74	38.4	0.26	0.20	49.11
		187.0 clots of pyrite 190.0 rusty fracture @ 40°	186				8731040	63.4	1.25	34.2	0.35	0.18	49.02
	190	191.0 vuggy calcite filled fracture @ 30° 191.0 – 193.0 vuggy calcite filled subvertical fracture 195.5 thin rusty pyrite vienlet 195.5 – 196.0 vuggy calcite filled fracture @ 10°		120"	120"	100	8731041	60.5	0.64	37.7	0.40	0.14	49.40
		198.0 – 198.5 black grains and finely disseminated pyrite	196				8731042	75.6	1.40	21.7	0.41	0.18	49.98
MAGNESITE (198.0 – 225.0 medium to fine grained, first white minor disseminated pyrite and occasional clots to 1-2 mm. creamy blotches throughout	200	203.0 0.5 cm vugs 204.0 – 204.5 large clots of fresh pyrite 205.0 – 205.5 " " " " "		120"	120"	100	8731043	71.5	0.79	26.9	0.22	0.16	50.32
		208.5 fracture @ 46° 210.0 large clots of pyrite	206				8731044	63.9	0.78	34.3	0.32	0.28	49.65
	210	211.0 " " " " 212.0 rough fracture @ 40° 212.5 – 213.0 wavy subvertical fracture 214.5 irregular stringers of pyrite		120"	120"	100	8731045	57.0	0.79	40.7	0.40	0.34	49.71
			216				8731046	61.5	0.44	36.5	0.34	0.32	50.04
	220	221.0 smooth fracture @ 60° 223.5 – 225.0 healed subvertical fracture 225.5 large clots of pyrite		120"	120"	100	8731047	54.7	0.44	43.5	0.36	0.36	49.4[illegible]
MAGNESITE (225.0 – 234.0 white, fine grained, frequent grey black grains with associated		226.0 – 227.0 1cm open vugs with calcite crystals 228.5 rough fracture @ 20°	226				8731048	54.7	1.13	42.5	0.33	0.32	48.41
fine grained pyrite, also thin pyrite vienlets and clots to 0.5cm.	230	230.5 – 231.0 subvertical fracture 232.0 rough fracture @ 20° crossed by vertical rusty calcite coated fracture 234.0 rusty fracture @ 30° 235.0 10cm yellowed calcareous		120"	120"	100	8731049	75.9	1.34	21.7	0.08	0.20	49.84
		239.0 vuggy calcareous	236				8731050	67.5	0.54	30.5	0.39	0.42	49.9[illegible]
MAGNESITE (239.0 256.0	240								sre	fed	fsc		

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'RD LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
fine to very fine grained, white, fresh local creamy patches (calcareous)			240		241.0 fracture @ 50° 241.0–243.0 yellow small wispy healed fractures 243.0 – 10cm grey band		120"	120"	100	8731051	18.4	0.50	29.9	0.26	0.32	50.02
						246										
			250							8731052	57.3	0.50	40.6	0.21	0.40	49.17
							120"	120"	100	8731053	61.9	0.54	36.4	0.32	0.32	49.51
						256										
MAGNESITE (256.0 – 266.0) fine to medium grained, white					257.5 – 258.0 creamy 258.0 rusty fracture @ 30°					8731054	53.2	0.87	44.7	0.08	0.36	48.26
			260													
frequent black and patches containing finely disseminated pyrite					261.0 fracture @ 70° 264.0 fracture @ 50°		120"	120"	100	8731055	61.3	0.87	36.8	0.05	0.34	49.0
						266										
MAGNESITE (266.0 – 284.5) fine to very fine grained, white					268.0 rusty pyrite vienlets 270.5 fracture @ 30°					8731056	56.8	0.43	40.6	0.29	0.75	48.8
			270													
fresh. only very occasional black grains with associated fine grained pyrite					271.0 fracture @ 30°		120"	120"	100	8731057	59.5	0.48	37.9	0.50	0.59	49.0
					275.5 – 277.5 rusty subvertical fracture	276										
			280							8731058	67.8	0.50	30.6	0.08	0.46	49.7
					281.0 rusty fracture @ 30°		120"	120"	100	8731059	73.8	0.56	23.6	0.66	0.60	50.10
MAGNESITE (284.5 – 288.5) fine grained white with light orange patches lightly weathered some grey grains					286.0 fracture @ 15°	286										
					288.0 two closely spaced fractures @ 10°					8731060	90.9	0.59	6.6	0.85	0.71	51.30
MAGNESITE (288.5 – 292.5)			290													
light orange, porous, friable, calcareous moderately weathered (WATER CONDUIT)							120"	120"	100	8731061	89.5	1.23	5.4	1.80	1.48	50.76
MAGNESITE (292.5 – 319.5) fine grained, fresh, very light grey with numerous black to grey black vienlets with high pyrite concentration					296.5 – 297.5 subvertical fracture	296				8731062	82.2	5.96	4.26	4.03	2.98	47.14
			300							8731063	90.0	6.5	2.34	0.35	0.20	49.8

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
303.0 ±2cm band of grey siliceous dolomite			300				120"	120"	100	8731064	88.0	3.60	1.64	3.45	2.77	
					306.0 fracture @ 45°	306										
			310							8731065	95.1	1.17	1.36	1.23	0.87	
							120"	120"	100	8731066	95.1	1.21	1.29	1.22	0.88	
						316										
318.0-319.5 light pinkish patches -- ±:			FN		gradational contact					8731067	93.2	1.15	1.06	2.20	1.70	
			320													
INTERBEDDED (319.5-EOH) DOLOMITE AND MAGNESITE bands: grey siliceous aphantic dolomite - ne bands of bladed white medium grained magnesite both in bands. Magnesite-crystals very fine grained					319.5-329.5 banding variable ± dipping at 250-45°		120"	120"	100	8731068	73.1	0.67	0.93	13.58	11.0	
						326										
			330													
and banding much less pronounced above and below 333.0 Disseminated or thin veinlets of Pyrite common. Frequent Serpentine veinlets above 325.0					329.5-334m banding dipping steeply @ 20° 334.5-335.0 core badly broken (possible fault?)		120"	120"	100							
						336										
			340		TOTAL DEPTH 336 feet											
			350													
			360													

Form C Brown, 6-77

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-32
SHEET 1 OF 2

Location Radium B.C. | Bearing — | Northing 16,585.81 m | Property Mount Brussilof | O.B. depth nil
Date collared Oct 11, 1987 | Length 96 feet | Easting 7689.75 m | Core size BQ (1½ inch) | Logged by FDM
Date completed Oct 11, 1987 | Dip 90° | Collar elev. 1,404.9 m ams | Scale of log 1" = 10 feet | Date October 12

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'RD. LENGTH	PERCENT RECOV'RD	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
CASING SET TO 2.0 feet						2										
MAGNESITE (2.0-31.0) very light grey, fine to medium grained fresh, with 10-15cm white opaque medium to coarse grained bands					2.0-5.0 core rubblized		48"	36"	63	8732001	89.9	0.50	2.40	3.91	2.61	40.67
					6.0 calcite coated fracture @ 10°	6										
					7.0 fracture @ 50°					8732002	97.7	0.45	1.26	0.30	0.12	52.55
			10		7.5 subparallel fractures @ 30° & 60°											
					7.0 rusty fracture @ 45°											
11.0-12.0 yellowed calcareous					11.0 fractures @ 20° & 45° (subparallel)		120"	120"	100							
13.0-13.5 orange calcareous					12.5 calcite coated fracture @ 60°					8733003	97.2	0.42	1.60	0.26	0.09	52.15
					13.5 mud coated fracture @ 40°											
					14.0 fractures @ 60° and 100											
					14.5 clean fracture @ 20° and mud filled fracture @ 45°	16										
			20		19.5 pyrite veinlets					8734004	97.8	0.45	1.28	0.24	0.04	52.23
22.5-23.0 yellowed calcareous					22.5 mud coated fracture @ 40°		120"	120"	100							
					23.0 mud coated fracture @ 20° crossed by fracture @ 40°					8732005	97.7	0.49	1.27	0.32	0.04	52.10
25.5 calcite coated fracture @ 30° crossing horizontal mud filled break					24.0-25.0 irregular rough subvertical fracture	26										
			30		26.0-28.0 core rubblized		60"	40"	67	8732006	97.8	0.46	1.20	0.27	0.14	52.52
					30.0-31.0 core rubblized, subvertical fracture	31										
MAGNESITE (31.0-76.0) grey, fine to medium grained, speckled texture increasing					32.5 fracture @ 60°											
					33.0 rough fracture @ 60°					8732007	97.0	0.43	1.07	0.69	0.41	52.32
					35.0 fracture @ 30°											
					34.5 15cm very fine grained siliceous band smooth fracture @ 15° and 2cm mud on subhorizontal fracture		120"	120"	100							
Jacy black grains with depth.					36.5 rough fracture @ 20° subparallel to core					8732008	97.0	0.45	1.17	0.90	0.26	52.52
38.0-39.0 lightly yellowed, calcareous			40			41										
40.5 weathered, friable, limonite veinlet					fracture @ 50° core to 36.5	42	12"	12"	100							
					42.5 rusty subvertical fracture		48"	48"	100	8732009	96.7	0.82	1.23	0.45	0.30	52.38
44.5-48.0 disseminated weathered pyrite						44										
					46.0 subvertical fracture											
			50							8732010	97.4	0.66	1.05	0.36	0.18	52.32
52.0-54.0 lightly yellowed					51.0 hooked fracture @ 20°		120"	120"	100							
					51.5 fracture @ 50° crosscutting weathered pyrite veinlet					8732011	97.6	0.53	0.99	0.41	0.14	52.56
					53.5 smooth fracture @ 60°											
56.0 calcite coated fracture @ 40°					56.0 10cm yellowed, moderately weathered friable	56										
58.0-10cm weathered friable crossed by fractures @ 50° and 20°			60		57.0 calcite coated rusty fracture @ 50° and 60°											
					57.5-58.0 two fractures @ 20°					8732012	97.3	0.46	1.35	0.27	0.28	52.43

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: MATERIAL LENGTH	CORE RECOV'RD LENGTH	CORE RECOV'RY PERCENT	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
60.0-61.5 strongly weathered, friable porous, cut by fracture @ 30°			60	/	59.0-61.0 several fractures @ 50°		120"	120"	100							
63.5-65.0 strongly weathered friable, porous numerous 3mm thick limonite veinlets				//	60.0-60.5 rusty calcite coated subvertical fracture											
65.5-67.0 as above but moderately weathered				//	65.0 fracture @ 50°											
				//	66.0 two fractures @ 40° and 50°	66										
			70	/	68.5 fracture @ 60°					8732013	93.9	3.07	1.77	0.29	0.37	52.18
				///	70.0 fresh pyrite vienlets		120"	120"	100							
				///	71.0 smooth fracture @ 25°											
				///	71.5 fracture @ 65°											
				///	72.5 fracture @ 20°											
			FW(?)	///	74.0 white pasty coated on fractures @ 20° max 10°	76										
DOLOMITE (76.0-96.0) grey, silaceous, very fine grained, sugary texture, irregular cloth and				/	74.5 fracture @ 45°											
			80	/	77.5-78.0 numerous 1cm clots of pyrite and/or envelopes surrounding magnesite					8732014	41.6	0.81	53.2	2.17	0.46	46.39
stringers of magnesite, no apparent bedding, very sharp regular fractures				///	81.0 two fractures @ 35° and 30° striking @ 80° to each other		120"	120"	100							
				///	82.5 healed fracture @ 30°											
84.0-85.5 thin wavy bandings				///	84.5 subparallel fractures @ 30° and 40°											
				///	84.5-85.0 thick frosl pyrite veinlets	86										
				///	86.0 cross cutting fractures @ 50° & 60°											
			90	///	88.0 fractures @ 40° & 60° striking @ 45° Looselotter											
				///	89.5 fractures @ 60° and 45°		120"	120"	100							
				///	90.5 fractures @ 20° and 35° striking @ 90°											
				///	91.5 subparallel fractures @ 40° and 60°											
				///	92.0 fractures @ 75°											
				///	92.5 fractures @ 40° and 75°	96										
					95.5 fracture @ 50°											
					Total depth 96 feet											
			100													

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HOLE NO. 87-33
SHEET 1 OF 2

Location Radium B.C. | Bearing — | Northing 16,615.89m | Property Mount Brussilof | O.B. depth —
Date collared Oct 12, 1987 | Length 65 feet | Easting 1,712.71 m | Core size BQ (1½ inch) | Logged by FDM
Date completed Oct 12, 1987 | Dip 90° | Collar elev. 1,421.1 m amsl | Scale of log 1" = 10' | Date Oct 13, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	Footage	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: Interval Length	Recov'd Length	Percent Recovery	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
CASING SET TO 10 feet			10		18" rubbilized grey fine grained 24" weathered moderately	10										
MAGNESITE (10-17.5 fine grained, fresh, grey speckled with grey black grains) S102					10.5 fractures @ 20° & 35° str. ring @ 45° to each other 12.5 same as above 13.0 fracture @ 40° 14.0 weathered pyrite vein 6"		72"	107"	150	8733001	90.0	0.50	6.8	2.03	0.67	52.59
					14.5 two fractures @ 35° striking @ 90° to each other 15.5 fracture @ 40° 17.0 fractures @ 40° striking at 45° to each other	16				8733002	96.7	0.38	1.41	0.82	0.41	52.68
MAGNESITE (17.5-32.0) fine to medium grained white			20		18.0 rough fracture @ 20° 19.0 fracture @ 35°											
to light grey speckled with 20-30% grey black grains					21.0 cross cutting fractures @ 20° and 35° 24.5 fracture @ 30° 26.0 fracture @ 30° striking @ 45° to above fracture 27.0 fracture @ 45°		120"	120"	100	8733003	97.0	0.70	1.59	0.37	0.14	52.2
			30			26				8733004	97.2	0.40	1.33	0.59	0.12	52.2
DOLOMITIC MAGNESITE (32.0-41.0) very fine grained, sugary texture, siliceous, grey					33.5 5cm white siliceous band.		120"	120"	100	8733005	45.5	0.34	52.2	0.56	0.36	48.3
					35.0 fracture @ 30°	36										
					37.0-39.0 calcareous solution breccia core rubbilized.	38	24"	24"	100	8733006	36.8	0.44	58.3	2.20	1.34	47.1
			40													
MAGNESITE (41.0-45.5 TRANSITION UNIT white, fine to medium grained changing to bladed crystals in grey siliceous dolomitic matrix					43.5 coarse grained calcite		96"	86"	88	8733007	86.3	0.66	11.0	0.42	0.46	51.29
					45.0 fracture @ 40° cross cutting fracture @ 20° rusty	46										
LIMESTONE (45.5-51.0) very fine grained, vigourous reaction to dilute HCl, grey					46.0 weathered pyrite veinlets											
			50				72"	72"	100	8733008	4.7	0.22	94.3	0.42	0.22	44.2
						52										
LIMESTONE (51.0-EOH) grey black, very fine grained, with black argillaceous, carbonaceous beds 1-5mm thick. Vigorous reaction to dilute HCl.					54.0 Bedding @ 60°	55	36"	26"	72	8733009	10.3	1.44	72.3	11.0	3.98	40.3
						56.5	18"	12"	67							
					57.0 Bedding @ 50°	57.5	12"	8"	67							
			60													

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ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOV'RD	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
							90"	90"	100							
65.0 5cm grey gouge (fault?) rods stuck					Bedding @ 40° TOTAL DEPTH 65 feet	65										
			70													

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 84-34
SH 1 OF 3

Location Kaslo B.C. | Bearing | Northing 161,634.40 m | Property Mount Brussiloff | O.B. depth 46.1 (335 ft.11)
Date collared Oct 13, 1984 | Length 146 feet | Easting 7,593.18 m | Core size BQ (1 1/2 inch) | Logged by FDM
Date completed Oct 13, 1984 | Dip 90° | Collar elev 1,394.3 m ams l | Scale of log 1"=10' | Date October 14, 1987

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	Alteration	FOOTAGE	Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	RECOV'RD LENGTH	PERCENT RECOVRY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOi
FILL (0-35.5)					Good Ore 53.0-105.5											
LOST CIRCULATION FROM TOP			10													
CASING SET TO 14 FEET						14										
						16	24"	5"	21							
			20													
							120"	20"	17							
						26										
			30				60"	10"	17							
						31										
							60"	26"	43							
MAGNESITE (35.5 - 53.0 white, frost to lightly weathered, yellowed intervals, fine grained.			40	/	38.0-39.0 fracture @ 20° healed with tan (calcite) 38.5 rough break @ 50°	36				BT34001	93.6	0.42	3.77	1.42	0.35	51.81
				/	42.0 sharp fracture @ 20°		120"	120"	100	BT34002	95.8	0.41	2.29	1.15	0.13	51.90
				/	43.0 " " " " "											
				/	44.0 " " " " "	46										
				/	47.5 " " " " "					BT34003	96.1	0.39	1.49	1.61	0.15	52.13
			50	/	48.5 fracture @ 15°											
51.0-53.0 strongly yellowed				/	49.0 fracture @ 30° 51.0 calcite coated fracture @ 20° 53.0 pyrite clot moderately weathered slightly fractured		120"	120"	100	BT34004	96.2	0.44	1.41	1.00	0.51	51.80
MAGNESITE (53.0-105.5) white and grey, fine grained w.t. numerous white coarse grained bands 5-25 cm thick occasional grey black grains lightly yellowed locally				/	53.0 fracture @ 10°											
				/	56.0 healed subvertical fracture	56										
			60	/	56.0-60.0 most Core lost due to tube misaligned					BT34005	97.7	0.35	1.10	0.36	0.24	52.00

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOV'RY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
			60				120"	90" core tube mistake		8734006	97.6	0.35	1.01	0.74	.02	52.11
					66.0-68.0 healed subvertical fracture	66										
			70		68.0-71.0 calcite healed subvertical fracture					8734007	97.2	0.35	1.44	0.49	.09	52.11
73.5 two closely spaced fractures @ 20°				B	71.0 smooth fracture @ 40° 71.5 reddish brown (pyritic) violet surrounding magnesite clot 72.0 smooth break @ 30°		120"	120"	100	8734008	95.9	0.38	2.02	1.27	0.18	52.07
				B	73.0 two fractures @ 60° striking @ 45° to each other 76.5 reddish brown violet surrounding magnesite clot.	76										
			80							8734009	97.0	0.38	1.33	0.63	0.29	52.04
81.5 - 25cm coarse grained				N	85.0 thin reddish brown violet (pyritic)		120"	120"	100	8734010	95.1	0.39	3.04	0.85	0.22	51.86
						86										
			90							8734011	98.1	0.41	0.96	0.37	0.13	52.13
91.5 20cm white coarse grained with grey black violets surrounding				/	95.0 fracture @ 30°		120"	120"	100	8734012	97.2	0.44	0.84	1.12	0.31	52.22
					97.5 reddish brown thin violet	96										
			100							8734013	97.7	0.35	0.78	0.79	0.11	52.09
101.5 25cm of white coarse grained							120"	120"	100	8734014	97.9	0.35	0.88	0.56	0.15	51.50
					103.5-104.5 grey black violets surrounding magnesite clots	106										
MAGNESITE (104.5 - 111.0) dark grey speckled, fine grained fresh										8734015	97.8	0.33	1.18	0.37	0.07	52.08
			110													
MAGNESITE (111.0 - EOH) ~fine to medium grained white and grey, fresh frequent grey black grains occasional pyrite violets ~ 1% minor disseminated pyrite							120"	120"	100	8734016	97.5	0.38	1.21	0.56	0.15	51.87
						116										
			120							8734017	97.3	0.38	1.14	0.61	0.16	52.24

F.D. McCosh Resource Consultants Ltd.

HOLE NO. 87-31

SHEET 3 OF 3

ROCK TYPES AND LITHOGRAPHIC DESCRIPTION	GRAPHIC LOG: Rock Type	GRAPHIC LOG: Alteration	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: Structure	MINERALIZATION AND STRUCTURE	FOOTAGE BLOCKS	CORE RECOVERY: INTERVAL LENGTH	CORE RECOVERY: RECOV'D LENGTH	CORE RECOVERY: PERCENT RECOVERY	SAMPLE NUMBER	ASSAY RESULTS (%): MgO	Fe_2O_3	CaO	SiO_2	Al_2O_3	LOI
120 122.0-123.0 white coarse grained					124.0-125.0 thin reddish brown vein	126	120"	120"	100	BT34018	97.2	0.38	1.01	0.71	0.44	52.48
130										BT34019	95.8	0.48	1.89	0.91	0.48	51.77
130.0-131.5 white coarse grained					131.0-132.0 numerous green black veinlets 132.5-133.5 thick (2-3m) pyrite veinlets in coarse grained band. 134.5 fracture @ 70° - stratabound 45° to dip	136	120"	120"	100	BT34020	97.2	1.15	1.03	0.33	0.13	51.82
138.5-139.5 discontinuous veinlets of pyrite 137.0 " subparallel grey black bands					137.5 clots of fresh pyrite 139.0 " " weathered pyrite					BT34021	94.6	1.02	2.61	0.93	0.42	51.92
140 140.0-146.0 " " " "					140.5 fracture @ 10° 144.0 fracture @ 60° 145.0-146.0 subvertical fracture.	146	120"	120"	100	BT34022	96.0	0.41	2.28	0.80	0.13	51.91
150					TOTAL DEPTH 146 feet RODS STUCK IN HOLE HOLE TERMINATED											

2.4 Preliminary Interpretation

A brief summary of terrain and subsurface conditions encountered during the execution of 1987 Exploration Program is presented herein. The summary is qualitative and represents a preliminary assessment of geological conditions which could have an effect on the continued exploitation of the resource.

The terrain in the new drilling area above and to the northeast of the present pit is steep. The overburden is on the average approximately 6.0 metres thick but decreases along slope from 10 metres in the southeast to zero in the northwest. The overburden depth locally can be very erratic. For example more than 6.0 metres of overburden was encountered in DH 87-24 yet bedrock is exposed in the bench face only a few metres away. The overburden consists of a silty boulder till. The till is extremely hard when dry and had to be ripped on some occasions to facilitate construction of drill sites and access. However, when wet the low permeabilty till becomes saturated on the surface resulting in very poor trafficability. The till is highly calcareous and should be segregated from the ore in the mining operation.

The drilling in the new area above the current pit has encountered considerably more reserves of magnesite than was originally envisioned in the feasiblity study. The limited number of previously drilled holes penetrating the footwall, the presence of a dolomite bed (now exposed in the highwall), and a sharp fold in the footwall surface, coincident with the limit of the previous drilling, resulted in an erroneous interpretation of the actual footwall configuration. Present drilling indicates that the thickness of the deposit in the new area is in the order of 75 - 100 metres, thinning to zero at the extreme southeast end of the deposit. In addition, surface outcroppings indicate that the ore continues laterally several more hundred metres both along and upslope.

There is considerable tonnage of high quality magnesite in the upper part of the northwestern half and the lower portion of the new drilling area. To the southeast the quality of the ore appears to decrease.

Infill drilling (drill holes 87-15 to 87-25) has confirmed the presence of a thick zone of high iron contamination extending from the surface. This zone is 50 metres wide and 30 to 60 metres thick extending down to at least the bottom of the current pit. This high iron zone is partially exposed in the highwall as the extremely weathered caprock. Elsewhere the iron is unweathered and is present in the form of thick, fresh, fine grained pyrite veinlets and disseminated clots. Present product specifications exclude this material as ore. However, evaluation of laboratory results may indicate that considerable reserves could be realized if iron beneficiation was considered.

Drilling results (DH 87-28 to DH 87-30 and DH 87-34) indicates that magnesite extends 50 to 60 metres below the floor of the current pit. Although some of this magnesite in this area may meet product specifications, high silica and alumina contents can be expected as the footwall is approached.

Two holes (DH 87-32 and DH 87-33) drilled in the end wall indicate that very little ore meeting current product specifications is present in that area.

Porous, vuggy, calcareous zones were commonly encountered during the drilling. These zones represent water conduits within the rock. In general, drilling fluid circulation was lost in these zones. However water in these zones can be under artesian conditions as was the interval intersected in DH 87-10. Since completion, this hole has been producing 150 - 200 litres per minute. Some consideration will have to be given to pit slope drainage as the pit expands into this area.

A 10 metre thick silaceous dolomite bed was encountered in DH 87-03, 87-06 and 87-08. This unit appears to be continuous between drill holes and is located 30 metres above the actual footwall.

The footwall rocks are very variable ranging from grey silaceous dolomite to black argillaceous limestone. Numerous holes intersected soft green waxy chloritic argillite. The chlorite is very high in silica and can down-grade reserves considerably, where present as veinlets in the magnesite.

The dolomite is hard, brittle and generally poorly fractured and probably will present few stability problems where encountered in the pit. However, the argillaceous limestone is extremely blocky. Core recovery in areas of the footwall consisting of this material was very poor with the bit continually plugging and blocking. Generally good core recovery was obtained in the green waxy material due to its soft but poorly fractured nature. Both the limestone and the argillite could present potential pit stability problems.

2.5 Conclusions

1. The tight density of the infilling drilling (25 metre spacing) carried out in the 1987 program was justified considering the erratic nature of the contaminant zones. The wider 50 metre spacing in the new drilling area is satisfactory to evaluate overall reserves, but tighter drill hole spacing is required for detailed mine planning.

2. The exploration program was executed within budget and on schedule. Exceptionally good weather, long 14 hour shifts on the rig and core sampling with a saw rather than a core splitter, further enhanced the expeditious completion of the program.

3. Additional reserves of high quality magnesite have been identified by the 1987 exploration program. The deposit extends beyond the 1987 exploration area both laterally along the slope and up the slope.

3.0 ITEMIZED COST STATEMENT

Total Costs incurred during the 1987 exploration drilling program were:

1. H. Allen Drilling	$144,936.13
2. Kamloops Research and Assay Laboratory Ltd.	63,125.00
3. B. Patterson and Associate	5,860.00
4. John Wolfe Construction	40,516.00
5. F.D. McCosh Resource Consultants	26,215.90
Overall Total	$280,653.03

For an itemized cost statement see table 3.0-1

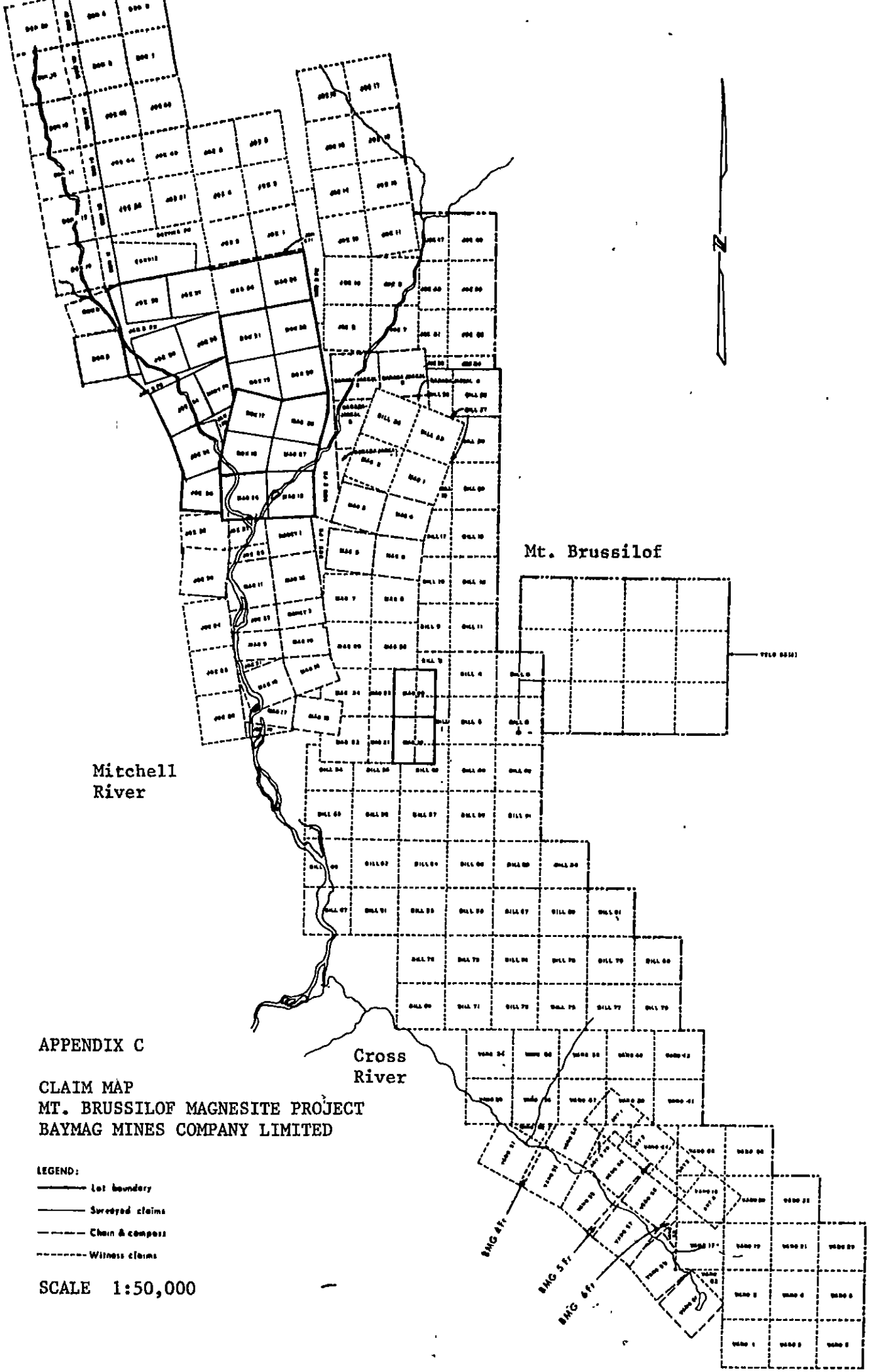
TABLE 3.0-1

Item	Unit	Unit Cost	Quantity	Total Cost
1. H. Allen Diamond Drilling				
(a) Drilling	foot	$ 16.00	8880	$142,080.00
(b) Drilling Fluid	pail	$100.00	16	$ 1,600.00
(c) Core Box Const.	box	$ 7.00	15	$ 105.00
(d) Equipment	per item	cost +10%	----	$ 1,151.13
Subtotal				$144,936.13
2. Kamloops Research and Assay Laboratory Ltd.				
(a) Assay Costs	sample	$ 45.00	1403	$63,125.00
Subtotal				$63,125.00
3. John Wolfe Construction Company Ltd.				
(a) Service Diamond Drill Rig	lump sum	$17,500.00	lump sum	$17,500.00
(b) Road Construction				
i) D8H Cat	hour	$ 100.00	48	$4,800.00
ii) D9G Cat	hour	$ 132.00	138	$18,216.00
Subtotal				$40,516.00
4. M. Bruce Paterson and Associate				
(a) Professional Surveying Fees and Expenses	hour	-----	condit.sum	$5,860.00
Subtotal				$5,860.00
5. F.D. McCosh Resource Consultants Ltd.				
(a) Professional Services	day	$400.00	58	$23,200.00
(b) Personal Expenses	per item	-----	condit.sum	$3,015.90
Subtotal				$26,215.90
Grand Total				$280,653.03

4.0 AUTHORS QUALIFICATIONS

F.D. McCosh, P.Eng.
F.D. McCosh Resource Consultants Ltd.
- program supervision, descriptive core logs and geological interpretation and conclusions.

Brandin Schultz, B.Sc. Geology
Mining Geologist
Baymag Mines Co. Ltd.
- application and report compilation.



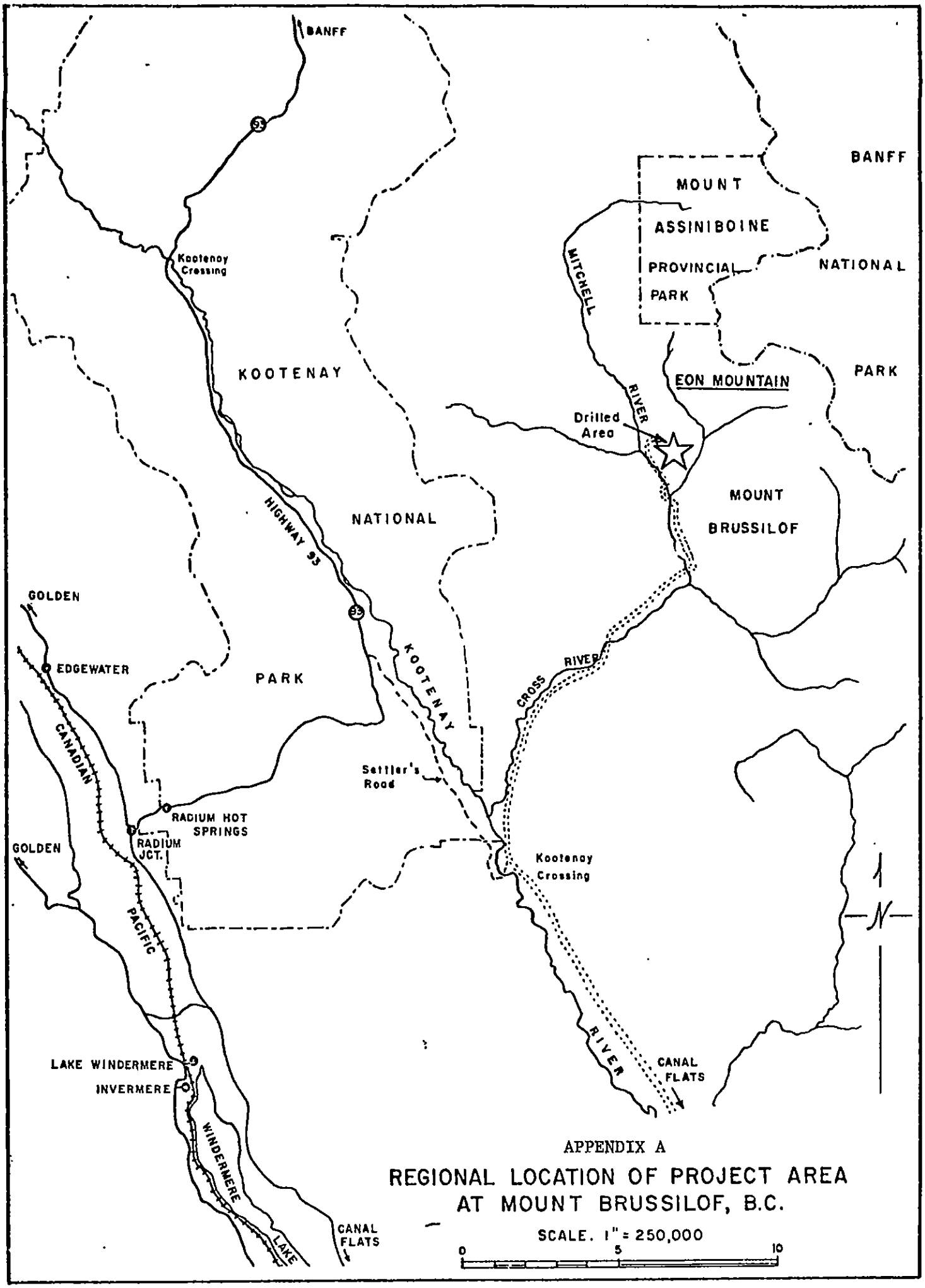
APPENDIX C

CLAIM MAP
MT. BRUSSILOF MAGNESITE PROJECT
BAYMAG MINES COMPANY LIMITED

LEGEND:

- Lot boundary
- Surveyed claims
- Chain & compass
- Witness claims

SCALE 1:50,000

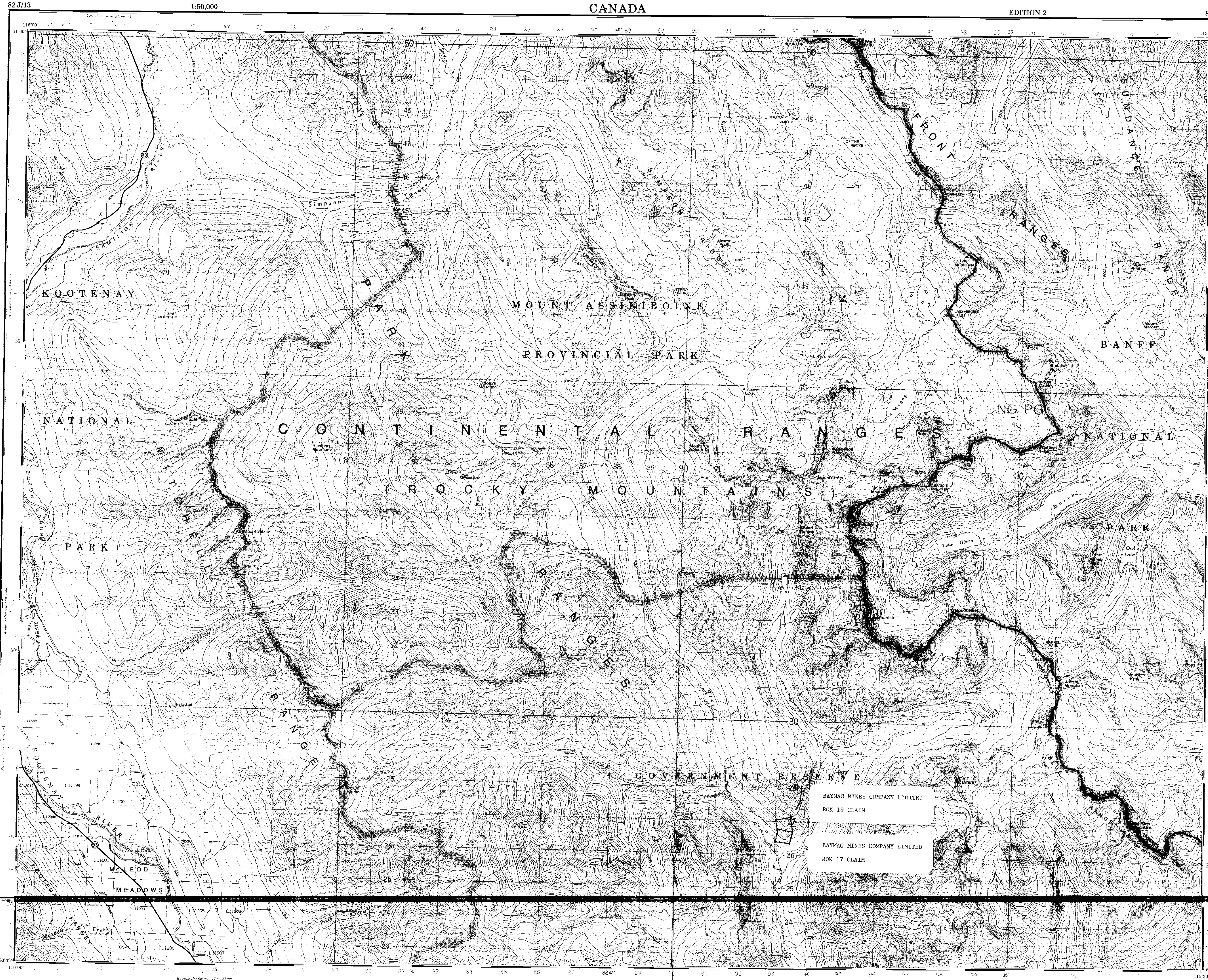


APPENDIX A

REGIONAL LOCATION OF PROJECT AREA AT MOUNT BRUSSILOF, B.C.

SCALE. 1" = 250,000

Military users, refer to this map as: Référence de cette carte pour usage militaire	SERIES A 721 SÉRIE
	MAP 82 J/13 CARTE
	EDITION 2 MCE ÉDITION



CONVERSION SCALE FOR ELEVATIONS
ECHELLE DE CONVERSION DES ÉLÉVATIONS

ONE THOUSAND METRE
ZONE 11
QUADRILLAGE DE MILLE MÈTRES

GEOLOGICAL BRANCH ASSESSMENT REPORT

17,538

TABLEAU D'ASSEMBLAGE DU SYSTÈME NATIONAL DE RÉFÉRENCE CARTOGRAPHIQUE

82 N/1	82 O/4	82 O/3
82 K/16	82 J/13	82 J/14
82 K/9	82 J/12	82 J/11

INDEX TO ADJOINING MAPS OF THE NATIONAL TOPOGRAPHIC SYSTEM

Produced by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES. Updated from aerial photographs taken in 1972. Culture check 1975. Information current as of 1975.

Copies may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa or your nearest map dealer

Roads	Routes		
hard surface, all weather	pavée, toute saison	dual highway / 2 chaussées séparées	more than 2 lanes / plus de 2 voies
hard surface, all weather	pavée, toute saison	2 lanes / 2 voies	less than 2 lanes / moins de 2 voies
loose or stabilized surface, all weather	gravier aggloméré, toute saison	2 lanes or more / 2 voies ou plus	less than 2 lanes / moins de 2 voies
loose surface, dry weather and unclassified streets	de gravier, temps sec et rues hors classe		
cart track	de terre		
trail, cut line or portage	sentier, percée ou portage		

FOR COMPLETE REFERENCE SEE REVERSE SIDE POUR UNE LISTE COMPLÈTE DES SIGNES, VOIR AU VERSO

MOUNT ASSINIBOINE
BRITISH COLUMBIA-ALBERTA

Scale 1:50,000 Échelle

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

ÉQUIDISTANCE DES COURBES 100 PIEDS
Élévations en pieds au-dessus du niveau moyen de la mer
Système de référence géodésique nord-américain, 1927
Projection transverse de Mercator

Établie par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. Mise à jour à l'aide de photographies aériennes prises en 1972. Vérification des ouvrages en 1975. Renseignements à jour en 1975

Ces cartes sont en vente au Bureau des Cartes du Canada, ministère de l'Énergie, des Mines et des Ressources, Ottawa, ou chez le vendeur le plus près

MOUNT ASSINIBOINE
82 J/13
EDITION 2

BAYMAG PLANT

PLAN SHOWING 1987 EXPLORATION DRILLING, MINERAL CLAIM BOUNDARIES AND PREVIOUS EXPLORATORY DRILLING.

SCALE 1:500

Legend.

1987 Diamond Drill Holes shown thus ⊠ 87-1A
1984 " " " " " O.D.D. Hole No.3 (84)
1986 Percussion Drilling (ALCOA) " O.P.8
Others " OD44, C9, B6, etc

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,538

UPPER ACCESS ROAD
ROK 19 MC.
WASTE DUMP
ROAD
HAUL
UPPER
HAUL ROAD
MARY FRAC.
ROK 17 MC
MAIN PIT
WORKING AREA
BENCH
MIDDLE HAUL ROAD M.C.
LOWER HAUL ROAD

JANUARY 1988

M. BRUCE PATERSON & ASSOC.
B.C. LAND SURVEYORS
INVERMERE, B.C.