

WORK CARRIED OUT

ON

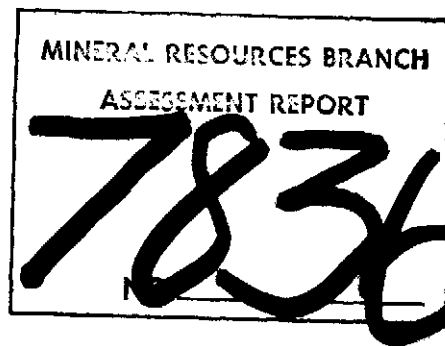
THE SV #1, #2, #3, #4, #5 and #6 CLAIMS

KAMLOOPS MINING DIVISION

MAP 92 I-6E

LAT. $50^{\circ} 22' N$
LONG. $121^{\circ} 02' W$

NORSEMONT MINING CORPORATION
(Formerly Lorado Mining Corp.)



Egil Livgard
Livgard Consultants Ltd.,
Vancouver, B.C.

February, 1980

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INTRODUCTION

The work described herein was carried out during the summer and fall of 1979 on the SV Claims in the Highland Valley for the owner Norsemont Mining Corporation, formerly Lorado Mining Corporation.

The work was carried out by various contractors under the supervision of Egil Livgard B.Sc. P.Eng. on behalf of the company.

The program was carried out, supervised and paid for by Norsemont Mining Corporation following an agreement with Lornex Mining Corporation whereby Lornex reimbursed Norsemont for the exploration expenses and thereby acquired an interest in the Claims under an option agreement.

PROPERTY AND LOCATION

The Property consists of 9 staked claims as follows:

SV #1	Rec. No.		with	20	units
SV #2	"	"	"	15	"
SV #3	"	"	"	16	"
SV #4	"	"	"	12	"
SV #5	"	"	"	20	"
SV #6	"	"	"	3	"
SV #8	"	"	"	5	"
SV #9	"	"	"	16	"
SV #10	"	"	"	2	"
TOTAL				109	Units

The claims are contiguous and extend over 7,000 meters north-south from the junction of Skuhost and Skuhun Creek and north to the south boundary of the Lornex claims at a point about 2,200 meters south and east of Pemainus Lake.

The claims are in the Kamloops Mining Division on map sheet 92 I/6E and are in the name of Lorado Mining Corporation Ltd. The name of the Company has been changed to Norsemont Mining Corporation Ltd.

ACCESS

The claims can best be reached from the Merritt-Spencers Bridge Highway. A good dirt road leaves this highway at a point 22.5 km south of Spencers Bridge. The dirt road extends eastward 16 km to the claim ground and northward on the east side of Skuhost Creek across the claims. About 7,250 metres of drill access road have been built to various parts of the property.

TOPOGRAPHY

The lowest part of the claims is on the southern end at the Skuhun-Skuhost junction where the elevation is about 1,000 metres. Skuhost Creek bisects the property and the slopes both east and west are moderate to steep (32°). Several flat gravel benches are found in the valley. The slope to the east reaches a plateau at 1,500 metre elevation. There is a corresponding plateau on the west side at an elevation of about 1,600 metres.

HISTORY

The claimground has been staked several times in the past and various types of surveys were carried out on a variety of claims on parts of the present SV claims.

- On the east plateau on the present SV #2 claims survey upon survey was carried out (a good example of how not to conduct an exploration program)

Assessment Report	550	1 P survey
"	"	1081 Fracture Density
"	"	1828 Magnetic survey
"	"	2327 Tectonic aerial survey
"	"	3193 Mag. and E.M. Survey
"	"	3728 " " "
"	"	4328 Mag. survey

All these surveys essentially discovered nothing.

- On the south end of the claims Cominco carried out an IP survey and minor geochemical soil survey. The IP survey - Assessment report 2085 - showed low resistivity along the creeks. The IP survey is about 1,000 metres south of Diamond Drill Hole #8 described in this report
A magnetic survey - Assessment Report 3187 - shows a low magnetics response covering roughly the same area shown by the drilling described in this report to be altered (argillic) and extending south along the east side of Skuhost Creek.
- On the northern part of the claims, SV #1 and #2, an IP survey - Assessment Report 1898 - shows scattered areas of plus 3.0 milliseconds chargeability response. The best "anomaly" occurs in an area now known to have 200-300 feet of overburden and with electrode spacing of 400 feet no response should have been seen.
- On the central and north part of the claims Rio Tinto Canadian Exploration carried out soil surveying and IP survey during 1966. Of special interest is the work on the northwest part of the SV group. Only minor work was done here and only one IP line using 800' spacing was run. This line shows chargeabilities of 3.0 to 4.0 milliseconds over a distance of 1,600 feet. Three soil survey lines southeast of the IP lines show about 250 PPM in the soil over an area 1,000' by 400 feet. It is difficult to evaluate this limited work particularly knowing that the overburden may be 200-300 feet deep. These results lie where the B.C. Department of Mines has projected a Bethsaida - Bethlehem intrusive contact and therefore may be considered a target for mineralization in the highland valley.

WORK DURING 1979

TRENCHING: 358m³

27 trenches were excavated mainly on SV #5 claim. The first trenches traced a mineralized shear over a length of 300 metres. It is 1.5 metres wide and contains up to 1.0% copper. Trenching further northwest failed to pick up the shear but moderate argillic alteration showed up.

(The designations weak-moderate-intense argillic alteration are those used at Lornex where weak is that with partial destruction of the plagioclase - moderate that with full destruction of the plagioclase and intense that with destruction of all feldspar).

The trenching was continued north in generally 5-10 feet of overburden until on the south end of claims SV #3 and #4 the overburden deepened to in excess of 20 feet.

The trenching showed a large area 300 m by 500 m of altered, shattered, fractured and faulted Bethsaida rocks.

The alteration consisted of argillic grading from weak to moderate. The rocks showed increasing shattering to the north. In some trenches (5.5, 5-6) large amounts of zeolite was found in fractures.

The southern and southwest trenches showed less alteration and shattering (weak argillic) but more copper staining (malachite). Minor copper staining was noted in most trenches.

ACCESS ROADS:

7,250 metres of drill access roads were put in. Some of these roads were improvements of previous cat trails. The roads were the width of the cat blade and only of sufficient quality for drill access.

PERCUSSION DRILLING:

Percussion drilling on SV #3 in the Skuhost creek valley was not successful in finding bedrock. The holes were short due to trouble with boulders. Five holes were drilled for a total of 245 feet.

Percussion drilling on the eastern plateau was carried out largely on SV #4. The holes were spaced at about 400 metres. This drilling outlined an area on west 1/3 of SV #5 and the south end of SV #2 which shows weak and perhaps moderate argillic alteration over more than 2,500 metres north-south and 600 metres east-west. No copper values of interest were found. The location of the holes are noted on the accompanying map and specific information on the holes is in the appendix.

DIAMOND DRILLING:

The core is stored at the Lorne mine,
10 diamond drill holes were drilled during the year for a total of 3,195 feet.

On the west side of Skuhost Creek Hole #1 was drilled to 250 feet through clay and boulders. At 250 feet sand and water under pressure was encountered and the hole was abandoned.

Hole #2 was drilled 450 metres southwest of #1. It had problems with heavy ground and broken equipment and was abandoned at 110 feet. Hole #2A was drilled a short distance away and intersected bedrock at 142 feet. The rock was tentatively identified as Skeena variety granodierite. The rock has weak argillic alteration. The last 30 feet of the hole showed shattered rock and the hole had to be stopped at 192 feet.

Hole #3 was drilled 200 metres southwest of #3. It encountered bedrock at 121 feet. The rock type was tentatively identified as Skeena variety. The rocks show weak argillic alteration at the top and increasing to moderate to intense toward the bottom. The hole was drilled to 400 feet.

Hole #4 (260' depth) was drilled 575 metres south of Hole #3. Bedrock was encountered at 86 feet. The rock was identified as Skeena variety. Most of the rock showed very weak argillic alteration. Some sections were not altered. Minor potassic alteration was noted. Minor copper staining was noted.

Hole #10 (300' depth) was drilled 450 metres south of #4. Bedrock was encountered at 52 feet. The rock was tentatively identified as Skeena variety but it is coarser grained and has a higher mafic content than the rocks to the north.

Hole #9 was drilled 990 metres south of #19. No bedrock was encountered to 300 feet.

Hole #6 was drilled in the Skuhost Creek valley and reached 480 feet without encountering bedrock.

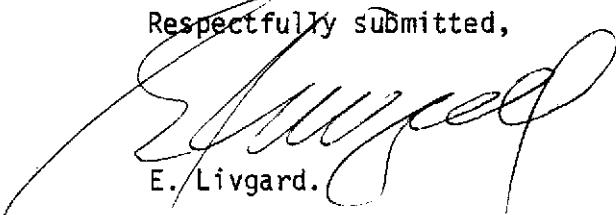
Hole #5 (298' depth) was drilled on the east side of the creek on the east centre of SV #3. Bedrock was encountered at 177 feet. The rock was identified as Bethsaida phase of the Guichon Batholith. The rock shows weak to moderate argillic alteration. Minor copper and molybdenum staining was noted in the hole.

Hole #7 (281' depth) was drilled 550 metres south of Hole #5. It cut bedrock at 161 feet. The rock was Bethsaida Phase. The rock shows weak argillic alteration. Short sections of intense shattering were cut. Minor copper staining was noted.

Hole #8 (318' depth) the hole cut bedrock at 169 feet. The rocks are Bethsaida Phase and show intense to moderate argillic alteration. Gauge zones with hematite staining were noted.

CONCLUSIONS: The trenching and percussion drilling outlined a very large area of altered Bethsaida Phase. Minor copper only was found. The alteration is encouraging. The main copper showings lie in less shattered rock toward the south of the alteration. More than one mile of ground to the south to Skuhun Creek has no outcrops and no drill holes have tested the ground. This is considered a good target for further exploration.

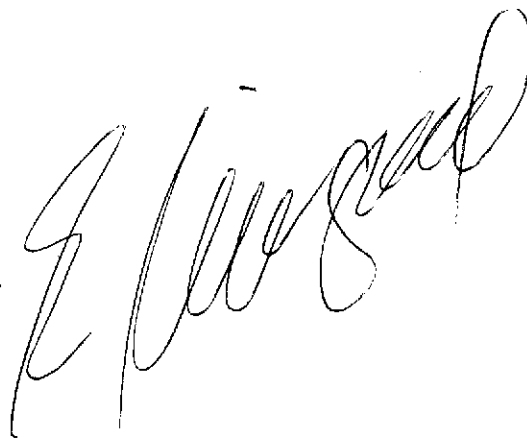
Respectfully submitted,

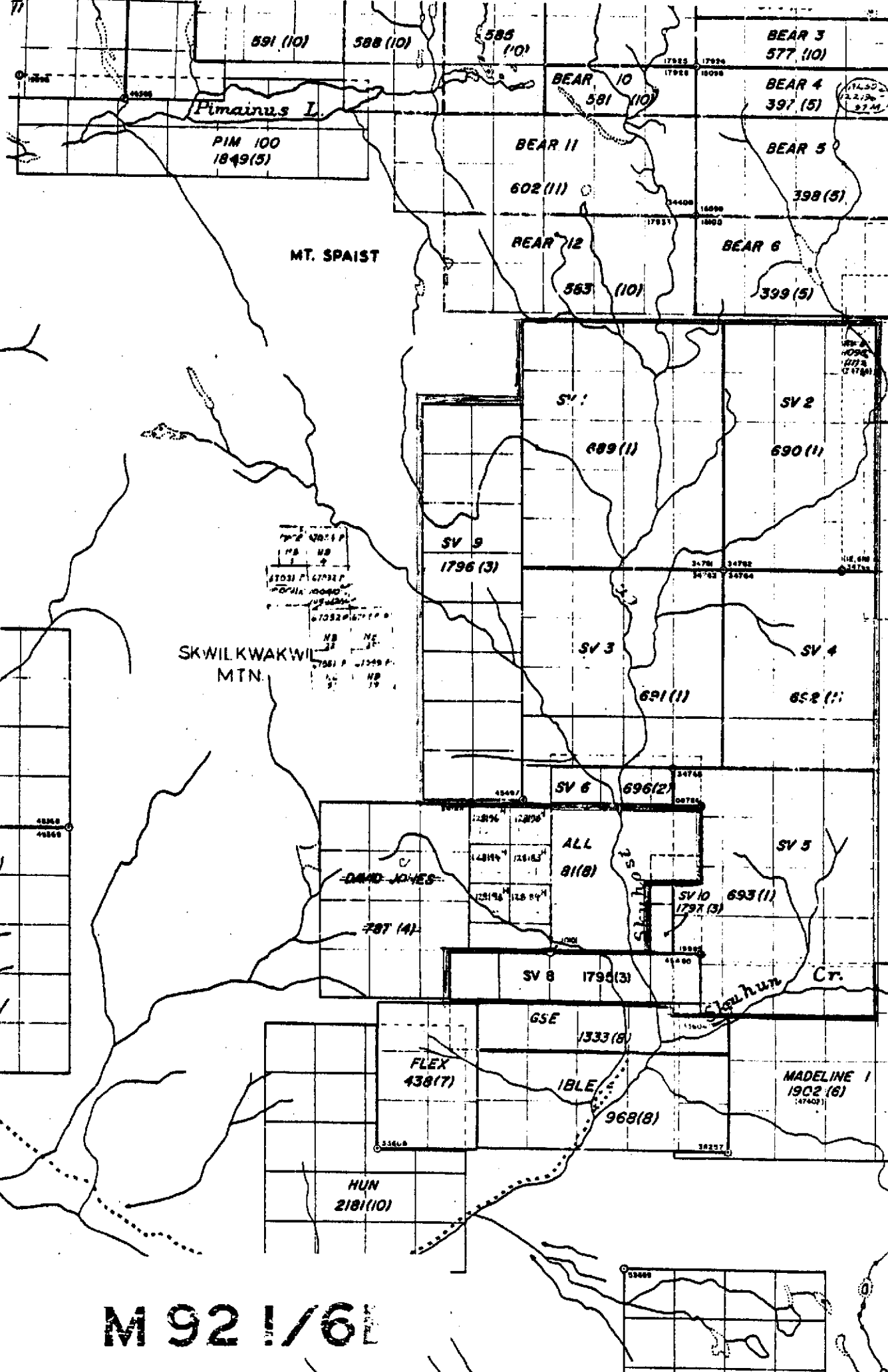


E. Livgard.

DECLARATION OF COSTS

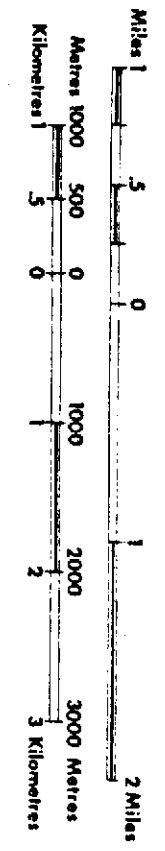
Diamond Drilling (Allan Drilling, Merritt) B.Q. Core	\$ 63,802.00
Cat Costs Road and Trenching (Pooly Bros. Merritt)	17,897.63
Percussion Drilling (Miller & Horning, Kamloops)	11,827.50
Accomodation and Meals (Kinikinic Homestead)	2,897.14
Supervision and sampling E. Livgard P.Eng.) K. Petersen) A. Krogstad)	12,799.42





LEGEND

- CHOWN-GRANTED MINERAL CLAIM
- REVERTED C.G. MINERAL CLAIM
- FORFEITED MINERAL CLAIM
- VERIFIED LEGAL CORNER POST
- LEGAL SURVEY
- LEGAL CORNER POST & TAG NUMBER OVER



Province of British Columbia
 Ministry of Energy, Mines and Petroleum Resources

M 92 1/6

SEE MAP 92 1/7 W
 ALAMO 1
 ALAMO 2

MT. SPAIST

SKWILKWAKWI
 MTN.

Pimainus I.

591 (10)

588 (10)

585 (10)

BEAR 3
577 (10)

BEAR 4
397 (5)

BEAR 10
581 (10)

BEAR 11
602 (11)

BEAR 5
398 (5)

PIM 100
1849(5)

BEAR 12
563 (10)

BEAR 6
399 (5)

ALAMO 2
85(4)

SV 1
689 (1)

SV 2
690 (1)

SV 9
1796 (3)

SV 3
691 (1)

SV 4
652 (1)

SV 6
696(2)

SV 5
693 (1)

DAVID JONES

ALL
8(1)

SV 10
1797 (3)

787 (4)

SV 8
1795(3)

Slough Cr.

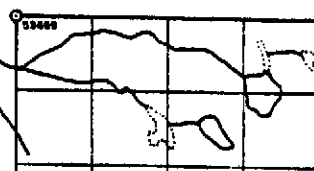
GSE
1333(8)

FLEX
438(7)

IBLE
968(8)

MADELINE 1
1902 (16)

HUN
2181(10)



TRENCHES

A1 C B)
 A2) 1978
 A3)
 A4)

	<u>Length</u>	<u>Depth (max)</u>	<u>M³</u>	
5-1	36m	1.5m (x½)	27	
2	33	1.5 "	25	
3	67	1.0 "	33	
4	40	3	60	
5	44	2.5	55	
6	55	2.5 (tot)	137	
7	28	2	28	
8	34	4	68	
9	30	5	75	
10	36	3.5	63	
11	50	6	150	
12	20	2	20	
13	34	4.5	76	
14	40	2	40	
15	40	3.5 (tot)	140	
16	30	2.5	75	
17	36	4.5	62	
18	28	3	42	
5-19	47	3.5	82	<u>1,358 m³</u>
4-1	50	5	125	
2	45	5	112	
3	40	5.5	110	
4	23	4	46	
5	52	6	156	<u>549 m³</u>
3-1	40	7.5	15-	
2	40	4	80	<u>230 m³</u>

PERCUSSION DRILLING

<u>Hole</u>	<u>Overburden</u>	<u>Depth(total)</u>		
24	35'	-		
2A	50'	-		
25	50'	-		
25A	50'	-		
18	60'	-		
79-1	20	120'	Moderate	Alteration
2	80	100	"	"
3	60	140	Weak	"
4	70	200	"	"
5	80	240	"	"
6	20	170	Fresh	
7	20	200	"	
8	80	250	Light	Alteration
9	80	190	Moderate	"
10	80	-		
11	70	-		
12	70	-		
14	50	-		
32	80	200	Moderate	Alteration
33	50	-		
34	80	160	"	"

2,535 Total Footage

WORK ON EACH CLAIM

			<u>Apportioned Cost</u>
SV #1	D.D.H. #1)		
	#2, #2A) 952'		\$ 19,040.00
	#3)		
	Percussion #18 60'		694.00
	Road 500 m.		1,035.00
Between	Percussion 79-8)		
SV #1 and #2	79-34) 410'		2,620.00
	Road 300 m.		621.00
SV #2	Percussion 79-7 200')		
	79-9 190') 510'		3,259.00
	79-11 70')		
	79-33 50')		
	Road 650 m.		1,755.00
SV #3	Road 2,500 m.		5,175.00
	D.D.H. #4 260')		
	" #5 298')		
	#6 480') 1,619'		32,800.00
	#7 287')		
	#10 300')		
	Percussion #24 35')		
	#24A 50')		
	#25 50')		
	#25A 50') 606'		4,264.00
	79-12 70')		
	79-14 50')		
	32 200')		
	Road 350 m.		725.00
SV #4	Road 2,350 m.		4,865.00
	Percussion 79 #1 120')		
	2 100')		
	3 140')		
	4 200') 1,050'		6,710.00
	5 240')		
	6 170')		
	10 80')		

WORK ON EACH CLAIM (cont'd)

SV #5	Trenching 8 days	\$ 4,500.00
	S.S.H. #8 318' (300)	6,000.00
SV #6	Road 600 m.	1,242.00
	D.D.H. #9 300'	6,000.00

LIVGARD CONSULTANTS LTD.

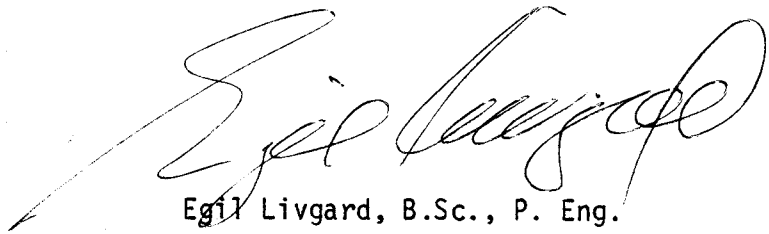
VANCOUVER, B.C.

CERTIFICATE

I, EGIL LIVGARD, of 1990 King Albert Avenue, Coquitlam, British Columbia:

1. I am a consulting geological engineer.
2. I am a graduate of the University of British Columbia, B.Sc., 1960. Geological Science.
3. I am a Member of the Association of Professional Engineers of the Province of British Columbia.
4. From 1960 to 1970 I was engaged in mining and exploration geology in Canada and Norway for various companies, and since that time I have been a consultant to the Mining Industry in B.C.
5. My report is based on the personal examination of the property and on information compiled from materials as referred to in the report.
6. I am a Director of Norsemont Mining Corporation and I own 84,000 common shares beneficially.

DATED at Vancouver, British Columbia, this 18th day of February, 1980



Egil Livgard, B.Sc., P. Eng.

Vancouver, B.C.

DIAMOND DRILL RECORD

Section: _____
 Lat: _____
 Dep: _____
 Azimuth: _____
 Dip: 90°
 Collared: _____
 Completed: _____
 Length: 192' 142' OVERBURDEN

Core Size: BR
 Elevation: _____
 Dip Tests: _____
 Date Logged: FEB 2 1973

Claim No.: SVE1
 Logged By: E LYGARD
 Remarks: _____

Rock Types and Alteration							Graphic Log	Mineralization and Structures				Footage Blocks	Specific Gravity	Recovery		Assay Results					Estimated Grade							
Qtz.	Plag.	K-Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance	Rock Type/Alteration	Footage	Structure	L to Core Axis			Width of vein	Mineralization and Fracturing (Type)	Remarks	Core	Sludge	Sample Number	% Total Cu		% Soluble Cu		% Mo		Cpy		
																	%	%	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2
							SKELTON VARIETY? LIGHT ARGILLIC CLT	142			00			SH-LOZ CELULITE (LIGHT PINK) BY FRAC FILLING														
							↓ INTENSE TO MODERATE ARGILLIC	152			300																	
							↓ LIGHT ARGILLIC	157			30°	1" MUP																
							↓ LIGHT ARGILLIC	162						CORE FRAGMENTED 1/4 TO 2"	167													
								171					2" APLITE		172													
								172					MODERATE CELULITE															
							MOD INTENS ARGILL K-FELD	173																				
								178																				
								179			45°		CELULITE															
								180						FAULT?	186													
							END OF HOLE	192						↓ HOLE SQUEEZED	192													

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
7836
 No. _____

NORSEBOND MINING CORP.

LORNE MINING CORPORATION LIMITED

DIAMOND DRILL RECORD

Hole No: D.D.H # 3

Section: _____

Lat: _____

Dep: _____

Azimuth: _____

Dip: 90°

Core Size: 3/8"

Elevation: _____

Claim No.: SV CLAIM # 1

Logged By: E. LINGARD

Collared: _____

Dip Tests: _____

Date Logged: NOV 6th / 79

Remarks: _____

Completed: _____

Length: 400' 0 B121'

Rock Types and Alteration							Graphic Log	Mineralization and Structures				Footage Blocks	Specific Gravity	Recovery		Assay Results						Estimated Grade				
Qtz.	Plag.	K-Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance	Rock Type Alteration	Footage	Structure	L to Core Axis			Width of Vein	Mineralization and Faulting (Type)	Remarks	Weight (Grams)	Sample Number	% Total Cu		% Soluble Cu		% Mo		Cpy	
																	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2
																	%	%	Core	Sludge	Combined		Combined		Combined	
			15-20%				SKENARD LIGHT ARGILLAC	121	70°																	
								122	45°	1/2"			GG (ZINC?)													
								123	35°	5'			FAULT-CLAY SAND TO 1' FROM													
							CHALCOTITE	133	35°	1 1/2"			CLAY SANDY FERT													
								134	35°	4"																
								140																		
								143	1/2" CORE				SAND-CLAY FRAGM.													
								144																		
								153			2"		SAND CLAY REAG													
							CHALCOTITE	154			2 1/2"		SAND REAG.													
								157			4"															
								160																		
								161					CLAY SAND													
								162																		
								170																		

MINERAL RESOURCES BRANCH
ALBERTA REPORT
7836
NO.

Rock Types and Alteration							Graphic Log		Mineralization and Structures			Recovery		Assay Results					Estimate															
Plag.	K-Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance	Rock Type Alteration	Footage Structure	L to Core Axis	Width of Vein	Mineralization and Faulting (Type)	Remarks	Footage Blocks	Specific Gravity	Weight (Grams)		Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy									
															Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2								
															%	%	Core	Sludge	Combined	Combined	Combined	Py	Ox											
						SCREENS LIGHT FERRUGINEOUS		180																										
						CHL CHL		201 203	45°	1"	DISSOLVED MALACHITE STAIN																							
								210																										
								220																										
								224 227 230	45° 10°	1"	Rf of.	FRAGMENTED 1/2-1" MINOR CLAY-SAND																						
								235 240	10° 10°	1/2"	H.M. ST. GALUZE																							

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
7836
 NO. _____

Rock Types and Alteration							Graphic Log			Mineralization and Structures					Recovery		Assay Results						Estimate										
Plag.	K-Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance	Rock Type Alteration	Footage Structure	L to Core Axis	Width of Vein	Mineralization and Faulting (Type)	Remarks	Footage Blocks	Specific Gravity	Weight (Grams)		Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy								
															Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2									
															%	%	Core	Sludge	Combined	Combined	Combined	Py	Ox										
						SKEENA LIGHT TO MODERATE ARGILLIC			250	10°	1/2"	SANDY																					
							CHL	255	18°	1/4"	RTZ CALC.																						
								261	20°	2"	SANDY SAND																						
								263	18°		HEM. ST.																						
								270	10°																								
								272		2"	CLAY SAND																						
								273		6"	"																						
							CHL	277																									
							MOD.	280	60°		FINE CLAY SAND CLAY																						
							ARGILLIC	280	55°	2 1/2"	CLAY SAND																						
								287																									
								290																									
								293	15°	4"	SANDY SAND																						
								300																									
								301	70°	2"	SANDY																						
								305	40°																								
								310																									

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7836
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Rock Types and Alteration							Graphic Log	Mineralization and Structures				Footage Blocks	Specific Gravity	Recovery		Assay Results						Estimate	
Plag.	K. Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance		Rock Type Alteration Footage Structure	L to Core Axis	Width of Vein	Mineralization and Faulting (Type)			Remarks	Core %	Sludge %	Sample Number	% Total Cu	% Soluble Cu	% Mo		Cpy	
															Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2	
																					Py	Ox	
						MODERATE TO INTENS ALKALIC	311			SANDY GANOE							315						
							315			SHATTERED							S						
							318			CORE BROKEN 1/2-1"													
							322																
							325																
							328																
							330																
							335																
							337																
							340																
							345				2' CORE												
							348																
							350																
							351																
							352																
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							354																
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							356																
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							364																
							365																
							367																
							369																
							370																
							371																
							375																
							379																
							380																

ALTERATION INCREASES TOWARD THE END

LIGHT AREA TO

LIGHT TO OCC MED. AREA

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7836
NO.

Rock Types and Alteration							Graphic Log		Mineralization and Structures						Recovery		Assay Results						Estimate					
Plag.	K. Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance	Rock Type Alteration	Footage Structure	L to Core Axis	Width of Vein	Mineralization and Faulting (Type)	Remarks	Footage Blocks	Specific Gravity	Weight (Grams)		Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy			
															Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2		
															%	%	Core	Sludge	Combined	Combined	Combined	Py	Ox					
						MS ALTERATION TO INTENS. ARGILLIC	382 03		1'		GRAM. SANDY					380	30											
						APLITE	387 390 8700	700	2"		SECC.					370												
						APLITE	394 47		2"							S												
						END	400									400												

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
7836

NORDEMENT MINING COOP

LORNEX MINING CORPORATION LIMITED

1 of 3

DIAMOND DRILL RECORD

Section: _____

Hole No: #4

Lat: _____

Dep: _____

Azimuth: _____

Claim No.: SV CL # 3

Dip: 20°

Core Size: BR

Elevation: _____

Logged By: E. WILKINSON

Collared: _____

Dip Tests: _____

Date Logged: NOV 7TH 1977

Remarks: _____

Completed: _____

Length: 2386' 260'

Rock Types and Alteration							Graphic Log	Mineralization and Structures				Footage Blocks	Specific Gravity	Recovery		Assay Results						Estimated Grade				
Qtz.	Plag.	K-Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance	Rock Type/Alteration	Footage	Structure	L to Core Axis			Width of vein	Mineralization and Faulting (Type)	Remarks	Weight (Grams)	Sample Number	% Total Cu		% Soluble Cu		% Mo		Cpy	
																	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2
																	%	%	Core	Sludge	Combined		Combined		Combined	
			15-20%				SHOWN TO FRESH TO LIGHT GR. LIGHT AND INCREASING K FELD INTER.		90				LEAD 5-6" SPACING													
							↓		100				INCREASING SPACING													
									110																	
									120																	
									130																	

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
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Rock Types and Alteration							Graphic Log	Mineralization and Structures				Footage Blocks	Specific Gravity	Recovery		Assay Results						Estimate				
Plog.	K. Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance	Rock Type Alteration Footage Structure	L to Core Axis	Width of Vein	Mineralization and Faulting (Type)	Remarks			Weight (Grams)		Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy		
														Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2	
														%	%	Core	Sludge	Combined		Combined		Combined		Py	Ox	
						SCREEN RD LIGHT TO MOD. ARG. LIGHT K-FELD INTRUD CONT. OF MATIC	137		1"	SAND SS		137														
							141		2"	GREEN GANSE FRAGT SANDY	3.5' CORE	141														
						MOD ARG.	151					151														
							155					155														
						LIGHT ARG DEC. MINOR MOD.	159		1"	GANSE	2.5' CORE	159														
							162					162														
							166					166														
							170					170														
							170-6					170-6														
							175-6		1"	FRAG. M		175-6														
							179				MINOR EPID	179														
							180																			
							182		1'	MOD ARG.																
							190																			
							200																			

MINERAL RESOURCES BRANC...
 ASSESSMENT REPORT
7836
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Rock Types and Alteration							Graphic Log		Mineralization and Structures				Recovery		Assay Results						Estimate						
Plog.	K. Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance	Rock Type Alteration	Footage Structure	L to Core Axis	Width of vein	Mineralization and Faulting (Type)	Remarks	Footage Blocks	Specific Gravity	Weight (Grams)		Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy		
															Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2	
															%	%	Core	Sludge	Core	Sludge	Core	Sludge	Py	Ox			
							204	30"	2'		1.5' core	204															
						1-10% ZBLUR IN FRACT	200	20"																			
							210	30"																			
							222						214														
							224	28"	1/8"	GL.			219														
							224.5	25"	6"	GL SAND	2 3/4' core	221															
						STRONG CHL	225	10"					225														
							230						227														
							237.5						1 1/2' core 5.5'														
						MOD-STRONG ALTA.	238.5						1 1/2' core 2'	234.5													
						FRESH	242						236.6														
							250																				
						END	260																				

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
7836
 NO. _____

NORSE MOUNT MINING CO. LTD

LORNEX MINING CORPORATION LIMITED
DIAMOND DRILL RECORD

Section: _____

Lat: _____

Dep: _____

Dip: *90°*

Core Size: *DQ*

Elevation: _____

Claim No.: *SY#3*

Logged By: *E. LINGARD*

Collared: _____

Dip Tests: _____

Date Logged: *APR 23 1980*

Remarks: _____

Completed: _____

Length: *298'*

177' OVERBURDEN

Hole No: *DDH #5*

Rock Types and Alteration							Graphic Log	Mineralization and Structures				Footage Blocks	Specific Gravity	Recovery		Assay Results						Estimated Grade						
Qtz.	Plag.	K. Spar	Mafics	Accessories	Texture	Hardness		Rock Name Appearance	L to Core Axis	Width of Vein	Mineralization and Faulting (Type)			Remarks	Core	Sludge	Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy			
																	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2		
																											%	%
							<i>BETWEEN 100 LIGHT TO MODERATE PERCILLIC</i>	<i>177</i>																				
								<i>177</i>	<i>15°</i>																			
								<i>197</i>			<i>191 FRAGMENTED SPALL TO 1"</i>																	
							<i>LIGHT PERCILLIC</i>	<i>202</i>			<i>LITTLE OR NO CORE LOSS</i>																	
								<i>207</i>			<i>LITTLE FRAG</i>																	
								<i>217</i>																				
								<i>217</i>	<i>14 TO GAUGE</i>																			
								<i>220</i>		<i>220 SAND - CLAY</i>																		
								<i>222</i>																				
								<i>227</i>																				

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
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Rock Types and Alteration							Graphic Log Rock Type Alteration Footage Structure	Mineralization and Structures					Recovery		Assay Results						Estimate				
Flag	K. Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance		L to Core Axis	Width of Vein	Mineralization and Faulting (Type)	Remarks	Footage Blocks	Specific Gravity	Weight (Grams)		Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy	
														Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2
														%	%			Combined	Combined	Combined	Combined	Combined	Py	Ox	
						BETHSIDA MODERATE TO INTENSE ARILLIC	233 234 235 236 237			62-64 AND INTENS. ALT. FRAGMENTED MINOR BRIGHT YELLOW (Mo ₂) STAIN															
						Moderate to light ARILLIC	243 1/2 to 40 244			FRAGMENTED SAND TO 4"															
							50-60 257																		
						X-FELDSPATHIC	258 259 260 261 262	0°		60 MINOR MALLACITE STAIN															
							40° 45° 277																		
						Moderate to Intense ARILLIC	284 287																		
							0° 297			FRAGMENTED SCORLS															

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
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NORDE MONT MINING CORP.

LORNE X MINING CORPORATION LIMITED

DIAMOND DRILL RECORD

Hole No: DDT #7

Section: _____

Lat: _____

Dep: _____

Azimuth: _____

Dip: 90°

Core Size: B.D.

Elevation: _____

Claim No.: SU # 3

Logged By: E LINDARD

Collared: _____

Dip Tests: _____

Date Logged: FEB 8 / 80

Remarks: _____

Completed: _____

Length: 281'

161' OVERBURDEN

Rock Types and Alteration							Graphic Log	Mineralization and Structures				Recovery	Assay Results						Estimated Grade								
Qtz.	Plagg.	K-Spar	Mafics	Accessories	Texture	Hardness		Rock Name Appearance	L to Core Axis	Width of Vein	Mineralization and Faulting (Type)		Remarks	Footage Blocks	Specific Gravity	Weight (Grams)		Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy	
																Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2		
																										%	%
							BETHSAB LIGHT TO MODERATE ARGILLIC	161	10°		166 V. MINOR AZURITE																
							INTENSIFIED ARGILLIC	171	20°																		
								171	45-50°																		
								181																			
							INCREASING LIGHT ACT.	182																			
								191			187 V. MINOR AZURITE																
								197	10°																		
								201	10°		V. MINOR AZURITE																
									30° 45°																		
								211																			

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

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Rock Types and Alteration							Graphic Log Rock Type Alteration Footage Structure	Mineralization and Structures				Remarks	Footage Blocks	Specific Gravity	Recovery		Assay Results						Estimate		
Plag.	K-Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance		L to Core Axis	Width of vein	Mineralization and Faulting (Type)	Weight (Grams)				Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy		
											Core				Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2
										%	%	Core	Sludge	Combined		Combined		Combined		Py	Ox				
						BETHSARDA 2445 1) ARGILLIC	21																		
						MODER. ARGILLIC	22																		
							23																		
						INTENS ARGILLIC	25	40°	1/8" MUD																
						INTENS ARGILLIC	26	20°																	
							250																		
							251																		
							261	20°																	
						INTENS ARGILLIC	262																		
						LIGHT TO FRESH ARGILLIC	267																		
							271																		
							275																		
							281			1/4-2" FRAGM HOLE SQUEEZING															
						END OF HOLE																			

MINERAL RESOURCES BRANCH
 ANALYTICAL REPORT
7836
 NO. _____

NORRIMONT MINING CORP

LORNE MINING CORPORATION LIMITED

DIAMOND DRILL RECORD

Hole No: D.P.H. 4. B

Section: _____

Lat: 150°E AND 50'S OF SV#5 LCP

Dep: _____

Azimuth: _____

Dip: 90°

Core Size: BR

Elevation: _____

Claim No.: SV#5

Logged By: E. LIVESARD

Collared: _____

Dip Tests: _____

Date Logged: FEB 27 1980

Remarks: _____

Completed: _____

Length: 318'

OVERBURDEN 169'

Rock Types and Alteration							Graphic Log	Mineralization and Structures				Recovery	Assay Results						Estimated Grade									
Qtz.	Plag.	K-Spar	Mafics	Accessories	Texture	Hardness		Rock Name Appearance	Rock Type/Alteration	Footage	Structure		L to Core Axis	Width of Vein	Mineralization and Faulting (Type)	Remarks	Footage Blocks	Specific Gravity	Weight (Grams)	Sample Number	% Total Cu		% Soluble Cu		% Mo		Cpy	
																	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2		
																	%	%	Core	Sludge	Combined		Combined		Combined		Py	Ox
							BETHUNDI	169			100			1/2-4" FERROMIN	169													
							MORE INTENSE ARGILLIC							INCREASING FERROMIN	6'													
							MAFIC CHARACTER	179							179													
															4'													
								189						FAULT	189													
							CAUSE CLAY SAND								4'													
							HEMATE STAINING								4'													
							APLITE DYKE	177							177													
							MORE INTENSE ARGILLIC	203																				
								207																				
								209																				
							LIGHT TO MODERATE K-FELDSPATHIZATION				100																	
								219																				

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
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Rock Types and Alteration							Graphic Log	Mineralization and Structures				Footage Blocks	Specific Gravity	Recovery		Assay Results						Estimate				
Flag	K-Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance		Rock Type Alteration	Footage	Structure	L to Core Axis			Width of Vein	Mineralization and Faulting (Type)	Remarks	Core %	Sludge %	Sample Number	% Total Cu	% Soluble Cu	% Mo		Cpy		
																	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2		
																	Core	Sludge	Combined		Combined		Combined		Py	Ox
						<u>BETHSIDA</u>	219																			
						MODERATE TO INTENSE ARSILIC ALTERATION																				
						INTERMITTENT LIGHT K-FELDSPATH	229																			
						INTENS TO MOD. ARSILIC	230																			
						INTENS	235					236 MINOR GRAUSE														
						ARSILIC	239																			
						INTENS TO MODERATE ARSILIC	244																			
						MODERATE INCREASING TO INTENS ARSILIC	250																			
						INTENS ARSILIC	257																			
						INTENS ARSILIC	267																			
						FAULT	269																			
						LARGE CLAY SAND MINOR HEMATITE STAIN	279																			
						SAND - 1" FRAG	289																			

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
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Rock Types and Alteration							Graphic Log		Mineralization and Structures				Recovery		Assay Results						Estimate																
Gr ⁿ	Plag.	K-Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance	Rock Type Alteration	Footage Structure	L to Core Axis	Width of Vein	Mineralization and Faulting (Type)	Remarks	Footage Blocks	Specific Gravity	Weight (Grams)		Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy											
																Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2										
																%	%	Core	Sludge	Combined	Combined	Combined	Py	Ox													
							BETHSAYOIB INTENS ALT.	289					SAND-1" REGR																								
							INTENS ARGILLIC ALT.	290	0-10"																												
							MINOR ZONITES ON FRACT	291	25-30" 450																												
								307																													
								308																													
							END of hole	310																													

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
 7836

Notre-Dumont Mining Corp.

LORNE MINING CORPORATION LIMITED
DIAMOND DRILL RECORD

Hole No: #10

Section: _____

Lat: _____

Dep: _____

azimuth: _____

Dip: 90°

Core Size: 32

Elevation: _____

Claim No.: SV CLAIM # 3

Logged By: E. LUGARD

Collared: _____

Dip Tests: _____

Date Logged: Nov 7 1977

Remarks: _____

Completed: _____

Length: 0 to 52' 300'

Gtz.	Rock Types and Alteration							Graphic Log Rock Type/ Alteration Footage Structure	Mineralization and Structures				Footage Blocks	Specific Gravity	Recovery		Assay Results						Estimated Grade					
	Plag.	K. Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance		L to Core Axis	Width of Vein	Mineralization and Faulting (Type)	Remarks			Weight (Grams)		Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy			
															Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2				
																									%	%	Core	Sludge
			20-25%			SKARMAED FRESH DCC. WHIT DCC. OR LIGHT GRN. HIGHER MARIC CONTENT THAN HOLCS NORTH (#3,4) MED GR MARIC PERHAPS GRAVATION TO VALLEY	60		DR. FRACT. 4" - 8" SPALL			57																
												61																
							70					67																
												71																
												77																
							80					81																
							85		5% EPICLASE		25' COCC																	
							89		6" SAND FRAG																			
							90					89																
							92S	50"		BROWN GRAPE		93																
							93			SAND & SLAG																		
							99																					
							100					99																

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
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Rock Types and Alteration							Graphic Log	Mineralization and Structures				Footage Blocks	Specific Gravity	Recovery		Assay Results						Estimate															
Ch.	P. #	K. Spar	Mafics	Accessories	Texture	Hardness		Rock Name Appearance	L to Core Axis	Width of Vein	Mineralization and Faulting (Type)			Remarks	Weight (Grams)		Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy												
							Core					Sludge	Core		Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2														
							%					%	Core		Sludge	Combined		Combined		Combined		Py	Ox														
								110																													
							111	1"		10% EPID																											
							112																														
							115				4' CORE	115																									
							120					120																									
								16'		4 1/2 - 2" FRAGM.	2' CORE																										
							130																														
							131	1"		CG, SAND 1" FRAG.		131																									
							132			MINOR LHM. STAIN																											
							140																														
							145	6"		2% EPID		141																									
							150																														
							151	6'		0-10% EPID		151																									
							157																														
							159																														
							160	5'		CG & 1" FRAG.		160																									
							170																														

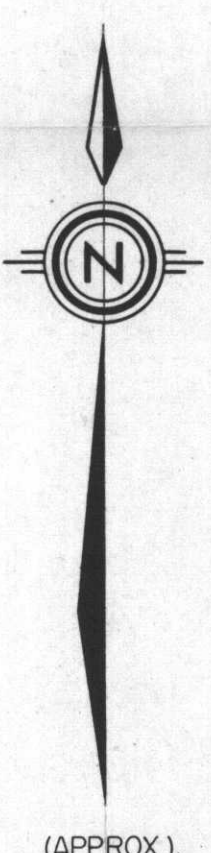
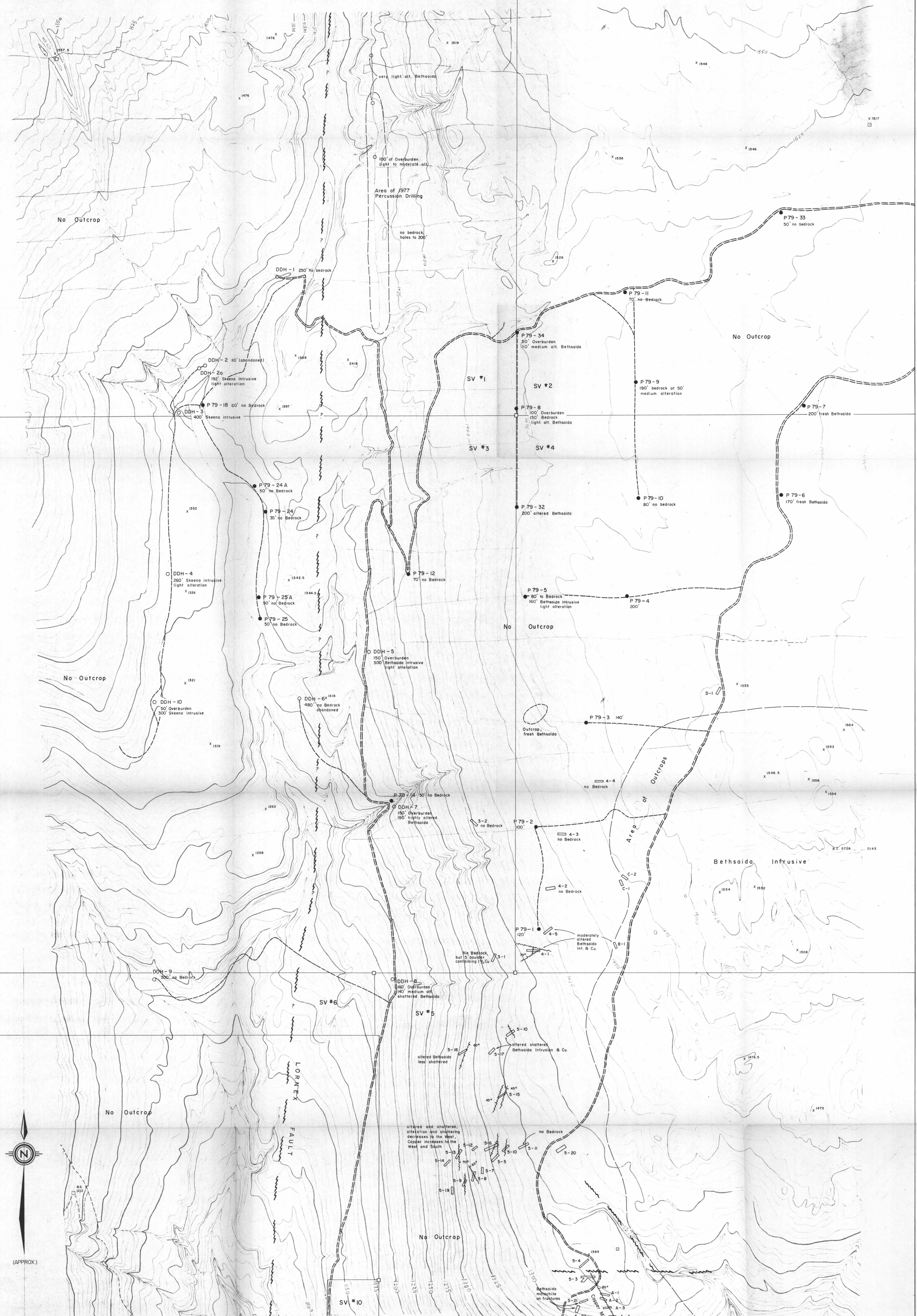
MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
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Rock Types and Alteration							Graphic Log Rock Type Alteration Footage Structure	Mineralization and Structures				Remarks	Footage Blocks	Specific Gravity	Recovery		Assay Results						Estimate		
Plg.	K-Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance		L to Core -Aits	Width of vein	Mineralization and Faulting (Type)	Weight (Grams)				Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy		
											Core				Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2
											%				%	Core	Sludge	Combined	Combined	Combined	Combined	Py	Ox		
						SWEENEY FRESH DCC 1 MIN LIGHT ARG.	180		DCC. FROCT. 3"-2' 2 PARTS																
						CAVITIES LIGHT SANDY TEXT.	190																		
							195																		
							200																		
							205	1'	FRAG. SANDY G		205														
							206																		
							210																		
						MOD ARG.	215	6"	FRAG. GA CU STRAIN		211		214												
							218				217														
							220																		
							224																		
							226																		
							230																		
							240																		
							245																		

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
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Rock Types and Alteration							Graphic Log		Mineralization and Structures					Recovery		Assay Results						Estimate												
Pieg.	K-Spar	Mafics	Accessories	Texture	Hardness	Rock Name Appearance	Rock Type Alteration	Footage Structure	L to Core Axis	Width of Vein	Mineralization and Faulting (Type)	Remarks	Footage Blocks	Specific Gravity	Weight (Grams)		Sample Number		% Total Cu		% Soluble Cu		% Mo		Cpy									
															Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Bn	MoS2								
															%	%	Core	Sludge	Core	Sludge	Core	Sludge	Core	Sludge	Py	Ox								
						SCREENED FRESH DCC. MINOR ARG. MINOR K-FELD ALONG FRAS.							249																					
						INCREASE IN MAFIC SIZE MED TO COARSE GR			50°	9'	MINOR EPIDOTE		258																					
													268																					
													278																					
													288																					
													298																					
													300																					
						END																												

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT




(APPROX.)

LEGEND

- 4-1 TRENCH
- DDH-9 DIAMOND DRILL HOLES
- P 79-2 PERCUSSION DRILL HOLES
- MAIN ROADS
- DRILL ACCESS ROADS
- FAULTING

100m

NORSEMONT MINING CORPORATION	
SV CLAIMS	
HIGHLAND VALLEY AREA, BRITISH COLUMBIA	
SCALE: 1: 5000	CONTOUR INTERVAL 5 m
MAP REFERENCE 92 I / 6	
DATE OF PHOTOGRAPHY: JULY 25, 1976 (BC 5728-142-143)	
DATUM: GSC (approx.)	SHEET OF
TRENCH & DRILL HOLE LOCATIONS	
PACIFIC SURVEY CORPORATION	COMPLETED FEB 1980

FIGURE 3

7836

E. Johnson