COMINCO LTD.

EXPLORATION WESTERN DISTRICT

DIAMOND DRILLING REPORT

ON

LEW NO. 6 MINERAL CLAIM

N.T.S. 82F/8

Fort Steele Mining Division

March, 1981

D.D. HOLE L-80-1

Latitude: 49° 18' Longitude: 116° 04'

Report By:

G.L. WEBBER

Geologist

Cominco Ltd. - Kootenay Exploration
#1051, Industrial Road No. 2
Cranbrook, B.C. V1C 4K7

Under the supervision of:

D. Anderson

Geologist, P.Eng.

Part 2 of 2

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COMINCO LTD.

Exploration — Western District

Lew No. 6 Claim

Fort Steele Mining Division

General Statement

This report describes the results and expenditures relating to diamond drilling on the Lew No. 6 claim.

Diamond drilling was performed during Oct. 1st to Nov. 7th, 1980. Total expenditures relating to this drill program amounted to $69,952 - Total PAC plus D.D. Program - $85,500
PAC withdrawal 15,548
It is requested that 85,500 be applied as follows:

LEW 6	Record No. 911 (20 units)	3 years @ 100/3 years @ 200	18,000
LEW 10	Record No. 915 (15 units)	" "	13,500
LEW 12	Record No. 917 (20 units)	" "	18,000
LEW 13	Record No. 918 (20 units)	" "	18,000
LEW 15	Record No. 920 (20 units)	" "	18,000
			85,500

INTRODUCTION

One N.Q. diamond drill hole, totalling 648.4 metres was drilled to test for Pb-Zn mineralization and to obtain information on stratigraphy. This hole was collared on October 1st, 1980 and completed November 7, 1980.

The drill program was under the direction of D.L. Pighin and supervised by D. Anderson.

Location and Access

Lew Claim No. 6 is located between Lewis and Ridgeway Creeks, tributaries of Moyie River. Access is via good gravel road down Ridgeway Creek to the Moyie river and Highway 3/95 at Lumberton, a distance of 22.5 km. Elevations on the claim range from 1,524m. to 1,980m.

Sperry Sun Single Shot Test of D.D. Hole L-80-1

At Collar Dip -90°
At 171m. bearing 075° Az. Dip -82°
At 328.0m. bearing 280° Az. Dip-78°
At 617.3m. bearing 279° Az. Dip-75°

Core stored at the Sullivan mine in Kimberley.

CONCLUSIONS

The relevant data for the geology of D.D. Hole L-80-1 is contained on the accompanying graphic log (plate 1). The hole intersected generally mixed lithologies interpreted to be dominantly Middle Aldridge sediments, as well as a moderately thick Moyie sill. This hole intersected traces of Pb, Zn mineralization in veinlets and fractures with sparse disseminations at several locations throughout the hole (Plate 1). No significant sulphide mineralization was intersected.

Reported by: _____
G.L. WEBBER
Geologist, Cominco Ltd.

Endorsed by: _____
D. ANDERSON
Geologist, P. Eng.

Approved for
Release by: _____
J.M. HAMILTON, P. Eng.
Chief Geologist, Sullivan Mine
Cominco Ltd.

EXHIBIT "A"

STATEMENT OF EXPENDITURES

LEW NO. 6 CLAIM

Diamond Drilling - Indirect	
Salaries (field)	
D.L. Pighin (Geologist) 38 days @ 130/day	4,940
D. Anderson (Geologist) 5 days @ 170/day	850
Salaries (Office)	
G.L. Webber (Geologist) Report and Map Preparation 3 days @ 135/day	405
Diamond Drilling - Indirect - Drill Support	
Core Boxes - E.G. Whalley & Sons Ltd., Burnaby, B.C.	595
Transportation: 4x4 ½ ton 43 days @ $25/day	1,075
Mobilization and D.D. Site Henderson Heavy Hauling	1,221
Baron Contracting D-8 tractor (preparing drill site)	182
Peavine Farms - D-6 (reclaimation)	720
Diamond Drilling - Direct	
Acadia Drilling Inc., 501 McBride Street Cranbrook, B.C. V1C 4H3	
D.D. Hole L-80-1: 648.4m. @ $92.48/m.	59,964

Total Expenditures - Indirect	=	$ 9,988
Total Expenditures - Direct	=	$ 59,964
		$ 69,952

This is Exhibit "A" to the Statutory Declaration of G.L. Webber declared before me this 6th day of April, 1981.

G L Webber

L Singlair

A Commissioner for taking Affidavits for the Province of British Columbia

L. SINCLAIR
A Commissioner for taking
Affidavits for British Columbia

IN THE MATTER OF THE

B.C. MINERAL ACT

AND

IN THE MATTER OF A DIAMOND DRILL PROGRAM

CARRIED OUT ON THE LEW 6 MINERAL CLAIM

RIDGEWAY CREEK AREA

in the Fort Steele Mining Division
of the Province of British Columbia

More Particularly N.T.S. 82F/8W

A F F I D A V I T

I, G.L. WEBBER, of the City of Kimberley, in the Province of British Columbia, make Oath and say:

1. That I am employed as a Geologist by Cominco Ltd. and as such, have a personal knowledge of the facts to which I hereinafter depose:

2. That annexed hereto and marked as Exhibit "A" to this my Affidavit is a true copy of expenditures incurred on a diamond drill programme, on the Lew 6 Mineral Claim.

3. That the said expenditures were incurred between the 15th day of September, 1980 and the 15th day of November, 1980, for the purpose of mineral exploration on the above noted claim.

Sworn Before Me at Cranbrook)
in the Province of British Columbia,)
this 6th day of April, 1981.)
)
) G.L. Webber
) G.L. WEBBER
)
L Sinclair)
A Commissioner for taking affidavits)
in the Province of British Columbia.)

L. SINCLAIR
A Commissioner for taking
Affidavits for British Columbia

COMINCO LTD.

EXPLORATION WESTERN DISTRICT

STATEMENT OF QUALIFICATIONS

G.L. WEBBER has personally conducted many types of mineral exploration work for Cominco Ltd. over the last twenty-five years.

I consider him well qualified to prepare this report.

DOUGLAS ANDERSON, P. Eng.
Project Geologist

Diamond Drill Geological Log FOR D.D.H. L-80-1

Cominco

T. 49° 18'	DEP. 116° 04' 15"	ELEV. 1,650m.	
P 90° -75°	AZIM. 279°	LENGTH	
RTZ.COMP. 134.9m.		VERT COMP. 642.0m.	
TE COLLARED: Sept. 30, 1980		DATE COMPLETED: Oct. 19/80	

RE STORAGE: Sullivan Mine, Kimberley, B.C.
ILLED ON CLAIM(S): Lew 6
BJECTIVE: To test for Pb-Zn mineralization and to gain information on stratigraphy.
ANNED LENGTH: 400m.
ERMINATION COMMENTS: Hole was sloped due to Drill rig problems.

RILLED BY: Acadia Drilling, Cranbrook, B.C.
YPE DRILL: Longyear 44
RE SIZE(S): HQ & NQ
ERFORMANCE COMMENTS: Good core recovery, drill in poor mechanical condition, very poor communication between drill foreman and company. Poor communication between foreman and drill crew.

ASING REMAINING IN HOLE (LENGTH & SIZE): 6.73m. H.Q.

YPE OF CAP & METHOD OF SEALING: None

THER MATERIAL REMAINING IN HOLE: None

RVEY INSTRUMENT USED: Sperry Sun Single Shot

DITIONAL DOWN HOLE TESTS: None

GENERAL COMMENTS:

See Drill Logs and Plate.

LOG LEGEND

BED THICKNESS CLASSIFICATION

BEDS	Very Thick Bedded	100 cm
	Thick Bedded	30 cm
	Medium Bedded	10 cm
	Thin Bedded	3 cm
	Very Thin Bedded	1 cm
LAMINAE	Laminated	0.3 cm

LITHOLOGY ABBREVIATIONS

OQ - Orthoquartzite
QA - Quartz Arenite
QW - Quartz Wacke
QCW - Quartzitic Wacke
W - Wacke
SW - Sub Wacke
AG - Argillite

D.D.H.

Scale

Colour Plot & Dips

Drill Hole Record

Page 1

Property LEW	District Fort Steele	Hole No. L-80-1	
Commenced Sept. 30, 1980	Location Lewis Creek	Tests at	Hor. Comp. 134.9 meters
Completed Oct. 19, 1980	Core Size B.Q. N.Q.	Corr. Dip -90°	Vert. Comp. 642.0 meters
Co-ordinates Lat. 49° 18', Long. 116° 04', 25"		True Brg.	Logged by D.L. Pighin
Objective		% Recov. 95%	Date Oct. 1, 1980

Claim LEW 6 | T Brg. 279° Azimuth | Collar Dip -90° | Elev. 1,650 meters | Length 648 meters | Hole No. Sheet

Footage From	To	Description	Sample No.	Length	Analysis
0	6.73m	Casing overburden.			
Box 1					
6.73	11.28	6.73 to 9.35 Wacke; med. bedded, med. gr., 4 cm. concretion at 7.70 meters contains disseminated pyrrhotite & chalcopyrite, < .05 Cu < 1% pyrrhotite.			
		9.35 to 10.42 Quartzitic wacke; very thick bedded, med. grained.			
		10.42 to 11.82 Wacke; thin bedded, med. grained, thin flame structured subwacke tops.			
Box 2					
11.28	16.28	11.28 to 12.12 Wacke; thin bedded, med. gr., coarse grain lenses, subwacke tops thin and gen. flame structured, strongly biotitized.			
		12.12 to 13.9 Mainly Quartzitic wacke; med. bedded, med. grained thin whispy subwacke tops, which are strongly biotitized.			
		13.9 to 14.75 Quartzitic wacke; thick bedded, med. gr.			
		14.75 to 15.40 Wacke; thin bedded, med. grained, thin flame structured subwacke tops.			
		15.40 to 16.28 Quartzitic wacke; thick bedded, med. gr. core loss - 3.9 meters?			

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Colour Plot & Dips

Drill Hole Record

Property	LEW	District	Hole No.	L-80-1	
Commenced		Location	Tests at		Hor. Comp.
Completed		Core Size	Corr. Dip		Vert. Comp.
Co-ordinates			True Brg.		Logged by
Objective			% Recov.		Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 3		16.28 to 16.40 Quartzitic wacke; med. bedded, med. grained, contains large			
16.28	20.4m	biotite enriched concretion.			
		16.40 to 16.93 Wacke; thin bedded? badly broken core.			
		16.93 to 17.26 Quartzitic wacke; med. bedded, med. grain.			
		17.26 to 19.34 Wacke; thin bedded, thin subwacke tops, bdg. to Core 90°.			
		19.34 to 20.4 Quartzitic wacke; thick bedded, grading from fine grain			
		to med. grained at base.			
Box 4					
20.4	24.53	20.4 to 22.16 Wacke; thick bedded, fine grained. Bdg. to Core 85°.			
		22.16 to 24.28 Quartzitic wacke; thick bedded grading from med. grained			
		top to fine gr. base.			
		24.28 to 24.53 Quartzitic wacke; see next Box.			
		22.16 Sphalerite & galena fills tension fracture 5 cm. long by 2 mm			
		wide.			
Box 5					
24.53	29.0	24.53 to 27.06 Quartzitic wacke; thick bedded (+ 1 metre thick), gen.			
		fine grained, gen. light grey to mottled light grey & dark grey.			
		27.06 to 27.13 Wacke; very thin bedded, fine grain to med. grained.			
		27.13 to 29.0 Wacke; med. bedded, med. to fine gr., rare quartzitic wacke base.			

Scale

Colour Plot & Dips

Drill Hole Record

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Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 6					
29.0	33.6	29.0 to 30.38 Quartzitic wacke; thick bedded, med. to fine grain, small patches of sericitization, appear related to concretions.			
		30.38 to 30.49 Wacke; med. bedded, med. grained.			
		30.49 to 31.37 Quartzitic wacke; thin bedded, fine gr.			
		31.37 to 31.84 Wacke; thin bedded, med. grained with fine grained tops.			
		31.84 to 33.6 Quartzitic wacke; med. bedded, gen. fine grained. Bdg. to Core 85°.			
		@ 32.20 Sphalerite disseminated in pyrrhotite rich lense 4 cm. x 4mm.			
		@ 32.60 Sphalerite occupies hair line fracture for 4 cm.			
		@ 32.76 Sphalerite disseminated in pyrrhotite rich concretion 6 cm. x 1.5cm.			
		@ 32.87 Sphalerite & Galena (coarsely crystaline) occurs in a biotite-sericite rich concretion 10 cm. in size.			
Box 7					
33.6	37.8	33.6 to 34.21 Quartzitic wacke; thick bedded med. grained.			
		34.21 to 36.12 Wacke; med. bedded, med. grained, rare rip-up clasts generally at bed tops.			
		36.12 to 37.8 Quartzitic wacke; thick bedded, med. grained.			

Scale

Colour Plot & Dips

Drill Hole Record

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Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 8					
37.8	41.7m	37.8 to 41.7m Quartzitic wacke; med. bedded and fine grained.			
Box 9					
41.7	42.7	41.7 to 42.5 Wacke; thin bedded, fine gr., cross laminated tops.			
		42.5 to 42.7 Wacke; med. bedded, fine to med. gr., flame structure tops			
		silicified in part; tension crack quartz veining (1 cm. wide)			
		parallel to core, contains small patches of pyrrhotite, biotite			
		and chlorite. .			
		Bedding to Core 85°. END OF H.Q. Core.			
Box 10					
42.7	50.07	Start on NQ Core.			
		42.7 to 43.77 Quartzitic wacke; med. bedded, med. to fine grained.			
		43.77 to 43.90 Conglomeratic zone, clasts tabular to subround, largest clast.			
		6 cm. x 2 cm., clasts are lithologically similar.			
1.37 metres		43.90 to 47.32 Quartzitic wacke; med. bedded, thin laminated subwacke			
core loss		tops.			
		47.32 to 47.72 Wacke; slump structured, fine wacke clasts along the base			
		of unit.			
		1.37 meters core loss.			
		47.72 to 49.14 Quartzitic wacke; med. bedded, gen. med. grain, subwacke			
		tops up to 5 cm. thick.			

Scale

Colour Plot & Dips

Drill Hole Record

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Property	LEW	District		Hole No.	L-80-1
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 10 cont'd		49.14 to 49.30 Wacke; slump structured.			
		49.30 to 49.40 Wacke conglomerate; clasts lithologically homogeneous clasts are gen. rounded to tabular.			
		49.40 to 50.07 Quartzitic wacke; thick bedded, med. to fine grained.			
Box 11					
50.07	54.7	50.07 to 51.77 Quartzitic wacke; med. bedded, fine to med. grained subwacke tops up to 6 cm. thick.			
		51.77 to 54.7 Quartz wacke; thick bedded (+ 2 metres thick) grades upwards to fine quartzitic wacke.			
Box 12					
54.7	60.35	54.7 to 57.83 Quartzitic wacke; med. bedded, med. to fine grained laminated subwacke and wacke tops up to 6 cm. thick.			
		57.83 to 59.0 Wacke; thin bedded, and laminated.			
		59.0 to 60.35 Quartzitic wacke; med. bedded, generally med. grained.			
Box 13					
60.35	66.15	60.35 to 60.70 Quartzitic wacke; med. bedded, med. grained, thin wacke tops.			
		60.70 to 61.70 Quartzitic wacke; thick bedded (one bed fining upwards.)			
		61.70 to 62.44 Wacke; thin bedded, fine grained, current laminated.			
		62.44 to 63.90 Quartzitic wacke; med. bedded, gen. med. grained.			
		63.90 to 64.33 Wacke; thin bedded, fine grained and laminated.			
		64.33 to 66.15 Quartzitic wacke; med. bedded, laminated wacke & subwacke tops up 6 cm. thick.			

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Colour Plot & Dips

Drill Hole Record

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Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 14					
66.15	72.2	66.15 to 69.54 Wacke and quartzitic wacke; strongly silicified, sericitic in part, chloritic in part. Core badly broken, but no evidence of shearing.			
Core Loss 5cm		69.54 to 69.82 Quartz vein; strong sericitic alteration of sedS. at contact. Sparse pyrite occurs in Quartz vein, (@ 30° to Core.)			
		69.82 to 70.56 Quartzitic wacke; strongly silicified, chloritic and sericitic.			
		70.56 to 72.2 Gabbro; very fine grain, chilled contact. Hanging-wall contact can not be observed in core.			
Box 15					
72.2	78.26	72.2 to 78.26 Gabbro; generally fine grained.			
6 cm. core loss					
Box 16					
78.26	84.33	78.26 to 83.30 Gabbro; generally fine grained. Lower contact relationship to sediments not descernible, due to broken core.			
7 cm. core loss					
		83.30 to 84.33 Altered wacke; silicified, albitized?, with some chloritized lamina.			

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Drill Hole Record

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Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip -90°	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 17					
84.33	89.95	84.33 to 85.24 Quartzitic wacke; thick bedded, fine grained, contains biotite rich concretion.			
		85.24 to 85.6 Conglomeratic wacke; angular clasts which are bent and contorted. Clasts are lithologically homogeneous, matrix very biotitic.			
		85.6 to 88.43 Wacke interbed subwacke; thin bedded, laminated wacke to subwacke 50/50. @ 86.90 Biotite - Sulphide layer 2.5 cm. thick 50% pyrrhotite sparse chalcopyrite.			
		88.43 to 88.63 Quartzitic wacke; med. bedded fine grained.			
		88.63 to 88.8 Wacke; thin bedded.			
		88.8 to 89.95 Quartzitic wacke; thick bedded, med. grained fining upwards. Bdg. to Core 85°.			
Box 18					
89.95	95.6	89.95 to 95.6 Quartzitic wacke; thin wacke tops; med. bedded generally fine gr. wacke, beds generally current laminated, but rarely are more then 6 cm. thick. Quartzitic wacke contains silicified, biotitic concretions.			

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Colour Plot & Dips

Drill Hole Record

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Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip -90°	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 19					
95.6	101.44	95.6 - 96.44 Quartzitic wacke; med. bedded, med. grained. @ 96.30 conglomeratic quartzitic wacke 4 cm. thick, clasts small and subangular. Lithologically homogeneous.			
		96.44 - 97.56 Wacke; very thin bedded, and laminated. Bedding to core 90°.			
		97.56 - 99.3 Quartzitic wacke; thin wacke tops; thin bedded, wacke tops are laminated.			
		99.3 - 100.4 Quartzitic wacke; med. bedded, med. grained.			
		100.4 - 100.72 Wacke; thin bedded, laminated. @ 100.72 slumped zone 8 cm. thick.			
		100.72 - 101.44 Quartzitic wacke; thin bedded, fine grained.			
Box 20					
101.44	107.30	101.44 - 101.71 Wacke; very thin bedded, and laminated.			
		101.71 - 102.80 Quartzitic wacke, rare subwacke tops; med. bedded, med. grained bases fining upwards.			
		102.80 - 103.58 Wacke; med. bedded, laminated tops @ 103.40 two small biotite rich concretions contain disseminate pyrrhotite and rare chalcopyrite.			
		103.58 - 104.07 Quartzitic wacke; subwacke tops; med. bedded, med. grained fining upwards			

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Scale

Colour Plot & Dips

Drill Hole Record

Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 20 cont'd		104.07 - 104.26 Wacke; med. bedded.			
		104.26 - 104.75 Wacke; very thin bedded, parallel laminated.			
		104.75 - 107.30 Quartzitic wacke; med. bedded, generally med. grained			
		at base fining upwards, @ 106.50 silicified			
		biotitic concretions.			
Box 21					
107.3	113.0	107.3 - 109.7 Quartzitic wacke; med. bedded, med. grain base fining			
		upwards, rare laminated subwacke top.			
		109.7 - 110.80 Wacke; thin bedded, laminated to thinly laminated. Bedding			
		to Core 90°, @ 12.60m. silicified biotitic concretion,			
		5x3 cm. contain massive pyrrhotite core 2.5 cm. in size.			
		110.80 - 111.70 Quartzitic wacke; thin bedded rare laminated			
		wacke tops, med. grained base fining upwards.			
		111.70 - 113.0 Quartzitic wacke; med. bedded, no tops developed.			
Box 22					
113.0	119.22	113.0 - 115.94 Quartzitic wacke; rare laminated wacke tops; med. bedded,			
		generally fine grained, small silicified biotitic			
		concretion common.			
		115.94 - 116.46 Quartzitic wacke; fine grained.			
		116.46 - 119.22 Quartzitic wacke; with well developed laminated wacke tops and			
		rare subwacke tops; thin bedded, med. grained basis fining			
		upwards.			

Books

Colour Plot & Disc

Drill Hole Record

Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 23					
119.22	124.69	119.22 - 120.68 Quartzitic wacke; thin bedded, rare med. beds, very fine grain, very fine parallel lamination. Slump structured from 120.30m. to 120.69m. disseminated pyrrhotite 120.24 to 120.28 < 1%.			
		120.68 - 122.83 Quartzitic wacke; silicified & laminated wacke tops, gen. med. grained.			
		122.83 - 124.69 Quartzitic wacke; silicified & laminated wacke tops, thin bedded, med. grain, cross bedding in tops common, rare subwacke top.			
Box 24					
124.69	130.60	124.69 - 125.3 Quartzitic wacke; med. grained, rare silicified top.			
		125.3 - 125.73 Wacke; very thinly bedded, very thinly laminated bedding to Core 90°.			
		125.73 - 128.0 Quartzitic wacke; silicified, laminated wacke tops; thin bedded, med. and fine grained. Rip-up clasts common in tops. Load Casting on bedding plains common.			
		128.0 - 130.2 Quartzitic wacke; med. bedded, generally med. grain, rare laminated, silicified wacke top.			
		130.2 - 130.50 Gabbro, fine grain, light colored.			
		130.50 - 130.60 Quartzitic wacke; fine grained.			

Scale

Colour Plot & Dips

Drill Hole Record

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Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T. Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 25					
130.60	136.23	130.60 - 134.0 Quartzitic wacke; laminated subwacke-wacke tops. Bedding to Core 90°.			
		134.0 - 135.1 Wacke; thin bedded, laminated. Lamination mainly parallel, rare cross lamination. @ 134.45, 2 cm. zone of disseminated pyrrhotite 25%.			
		135.1 - 136.23 Quartzitic wacke with laminated thin wacke tops; thin bedded, rare rip clast in tops.			
Box 26					
136.23	141.86	136.23 - 137.22 Quartz wacke; thick bedded, med. grained fining upwards.			
		137.22 - 138.2 Wacke; thin bedded, laminated to thinly laminated rare rip-up clasts.			
		138.2 - 139.94 Quartz wacke interbedded quartzitic wacke; with laminated to flame structured wacke tops. Wacke top average 5 cm. thick, rip-up clasts and flame structured tops common.			
		139.94 - 141.86 Quartz wacke; interbedded quartzitic wacke; laminated subwacke tops; thin bedded.			
Box 27					
141.86	148.33	141.86 - 143.6 Wacke; med. bedded, very finely laminated rare small pyrrhotite rich concretions.			

211-6497

Scale

Colour Plot & Dips

Drill Hole Record

Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 27 cont'd		143.6 - 146.22 Wacke; very thin bedded, mainly thin laminated @ 144.12, 1 cm. band of disseminated stratiform pyrite mineralization (50% pyrite). Bedding to Core 90°.			
		146.22 - 147.4 Quartz wacke; med. bedded.			
		147.4 - 148.33 Wacke; thin to very thinly bedded.			
Box 28					
148.33	153.75	148.33 - 149.5 Wacke, rare interbedded Quartz wacke; thin bedded, thinly laminated, rare cross laminated tops.			
		149.5 - 152.99 Quartz wacke; laminated subwacke tops gen. less then 5 cm. thick, med. grained, grading to fine grain upwards.			
		152.99 - 153.75 Quartz-wacke; rare thin wacke tops; thin bedded, med. grained.			
Box 29					
153.75	159.74	153.75 - 156.46 Quartz wacke; rare wacke top; med. bedded, med. grained.			
		156.46 - 159.74 Wacke; thin bedded, parallel laminated, rare cross laminations.			
Box 30					
159.74	165.37	159.74 - 162.74 Quartz wacke, interbedded quartzitic wacke; med. bedded some beds are graded, thin wacke tops generally present.			

211-0407

Scale

Colour Plot & Dips

Drill Hole Record

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Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 30 cont'd	162.74 - 163.60	Wacke; thin bedded, very thin bedded in part, parallel laminations common, cross laminations rare.			
	163.60 - 165.37	Quartzitic wacke; med. bedded, fine grain laminated thin wacke tops @ 164.30 sphalerite occurs weakly disseminated in a small (1.5 cm. radius) silicified biotitic concretion.			
Box 31					
165.37	171.0	165.37 - 165.80 Quartzitic wacke; med. bedded, fine grained.			
		165.80 - 167.95 Wacke; thin bedded, mainly parallel laminated, rare thin bed of quartzitic wacke minor finely disseminated pyrrhotite.			
		167.95 - 171.0 Quartz wacke; thick bedded, med. grained. Note this is a single bed 3.5 metres thick bdg. to Core 85°. Hole surveyed @ 171.0 metres brg. 075° dip 82°.			
Box 32					
171.0	175.95	171.0 - 171.20 Gabbro, fine grained, contacts ground away by Drilling.			
5 metres core loss.		171.20 - 175.95 Quartz wacke, interbedded Quartzitic wacke, med. bedded med. and fine grained, no tops. badly broken ground between 175.0m. & 175.3m.			

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Colour Plot & Dips

Drill Hole Record

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Property	LEW	District		Hole No.	L-80-1
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description		Sample No.	Length	Analysis
Box 33						
175.95	181.47	175.95 - 180.47	Quartz wacke interbedded quartzitic wacke; med. bedded.			
			Bdg. to Core 75°.			
		180.47 - 181.47	Gabbro; very coarse grained, contact 65° to core,			
			Large wacke clasts adjacent to contact. Seds. are			
			silicified, and weakly chloritized for 1.2 meters			
			above H.W. contact, patches of intense biotization			
			within 30 cm. of Gabbro contact.			
Box 34						
Beginning at		181.47 - 221.6	Gabbro; generally coarse crystalline at 180.5, sedimentary			
181.47			inclusion 30 cm. long.			
		@ 227.0m.	Shearing & brecciation 55 cm. thick, shearing to Core 30°.			
			calcite matrix (hole surveyed @ 328 meters, bearing 280°			
to			azimuth, dip -78°.)			
Box 71		@ 238.26	Shearing @ 45° to core.			
ending	395.12		Shearing @ 20.0 @ 45° to core.			
			Gabbro F.W. Contact 20° to core at 394.19 meters.			
		394.19 - 395.12	Wacke; silicified, badly broken core.			

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Colour Plot & Dips

Drill Hole Record

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Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 72					
395.12	400.30	395.12 - 397.0 Quartzitic wacke, rare quartz wacke; med. bedded, med. to fine grained, core generally broken.			
		397.0 - 400.30 Wacke, rare quartz wacke; med. bedded, rare parallel lamination. Numerous hairline tension fractures contain pyrrhotite associated with biotite and chlorite. @ 398.60 2 cm. thick pyritic gauge zone - 40° to core. Bedding to core 80°.			
Box 73					
400.30	405.17	400.30 - 402.45 Quartzitic wacke, interbedded quartz wacke; med. bedded, rare laminated wacke top, rare rip-up clasts.			
		402.45 - 403.30 Wacke; mainly very thin bedded, parallel laminated.			
		403.30 - 404.07 Quartz wacke; med. bedded, med. grained, rare wacke tops.			
		404.07 - 405.17 Quartz wacke; thick bedded, med. grain base, fining upwards, no wacke tops.			
Box 74					
405.17	411.46	405.17 - 406.25 Wacke; thin bedded, parallel laminated.			
		406.25 - 407.0 Quartzitic wacke; med. bedded, broken core.			
		407.0 - 407.59 Wacke; thin bedded, laminated, minor pyrrhotite mineralization along incepent fractures.			

211-8437

Scale

Colour Plot & Dips

Drill Hole Record

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Property	LEW	District		Hole No.	L-80-1
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 74 cont'd		407.59 - 411.46 Quartz wacke; thick bedded, med. grain rare wacke tops.			
Box 75					
411.46	417.35	411.46 - 417.35 Quartz wacke, minor quartzitic wacke; med. bedded, med. to fine grained, generally good parallel laminated wacke tops @ 412.0m, bedding to Core 78°.			
Box 76					
417.35	423.10	417.35 - 421.72 Quartz wacke interbedded quartzitic wacke; fine to med. grained laminated wacke tops.			
		421.72 - 422.20 Wacke; thin bedded, gen. parallel laminated, rare convolute laminations.			
		422.20 - 423.10 Quartzitic wacke, rare quartz wacke; med. bedded at 417.50. Disseminated to massive pyrrhotite and weakly disseminated sphalerite 5 cm. thick at 418.75,3 small specks of sphalerite, at 422.20 bedding to Core 80°.			
Box 77					
423.10	428.72	423.10 - 428.72 Quartz wacke, interbedded quartzitic wacke; med. bedded, rare laminated wacke tops.			
Box 78					
428.72	434.40	428.72 - 428.5 Quartz wacke; med. bedded, med. grained rare convolute wacke tops.			

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Scale

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Drill Hole Record

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Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 78 cont'd		428.5 - 430.5 Wacke; thin bedded, rare parallel laminations.			
		430.5 - 432.75 Quartzitic wacke; thin bedded, fine grained, rare parallel laminations.			
		@ 430.8, 4 cm. band of heavy diss. pyrrhotite 30% FeS.			
		432.75 - 434.40 Quartz wacke; med. bedded, med. grained.			
Box 79					
434.40	440.2	434.40 - 436.06 Wacke; thin bedded to very thin bedded, generally parallel laminated, some disseminated pyrrhotite along bedding planes.			
		436.06 - 440.2 Quartz wacke, interbedded quartzitic wacke; med. bedded wacke tops, rare biotite concretions contain disseminated pyrrhotites.			
		437.8 - 438.14 Slumped unit with 4 cm. conglomerate at top, clasts small and angular, lithologically homogoneous.			
Box 80					
440.2	447.38	440.2 - 443.19 Quartz wacke; interbedded quartzitic wacke, med. grained.			
		443.19 - 447.38 Quartz wacke; thick bedded, thin wacke tops.			
1.17m. core loss					
Box 81					
447.38	451.55	447.38 - 448.90 Wacke; thin bedded, parallel laminated, rare thin quartz wacke interbeds.			

Scale

Colour Plot & Dips

Drill Hole Record

Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 81 cont'd		448.90 - 449.54 Quartz wacke; med. bedded, rare thin wacke tops.			
		449.54 - 451.55 Wacke; thin to very thin bedded, mainly parallel laminated, rare convolute lamination, rare rip-clasts @ 451.5 bedding to Core 82°.			
Box 82					
451.55	457.54	451.55 - 453.0 Quartzitic wacke; thin bedded, parallel laminated wacke tops.			
		453.0 - 453.35 Wacke; very thin bedded, very thin laminations.			
		453.35 - 453.70 Quartzitic wacke; med. bedded fine grained.			
		453.70 - 455.10 Wacke; rare interbeds of quartzitic wacke; thin bedded, thin laminated to very thinly laminated.			
		455.10 - 457.54 Quartzitic wacke; med. bedded, thin bedded wacke tops. @ 454.5 thin irregular quartz-chlorite filled fracture contains patches of pyrrhotite & sphalerite.			
Box 83					
457.54	463.35	457.54 - 462.8 Quartzitic wacke interbedded thin bedded wacke; thin bedded wackes, mainly parallel laminated.			
		462.8 - 463.35 Wacke; very thin bedded, very thin laminated. From 459.7 to 460.9 thin fracture parallel to core, contain chlorite, sericite, quartz and more sphalerite. @ 458.50, 1.5 cm. thick stratiform band of disseminated pyrrhotite, minor chalcopyrite. < 2% pyrrhotite and < .5% chalcopyrite.			

Scale

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Drill Hole Record

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Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | True Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 84					
463.35	469.06	463.35 - 467.3 Wacke; minor interbeds of quartzitic wacke. Thin bedded			
		generally laminated, to thinly laminated.			
		at 467.85, 5 cm. thick conglomerate zone.			
		at 465.10, 1 cm. band of disseminated pyrrhotite (25% FeS)			
		and rare chalcopyrite.			
		467.3 - 469.06 Quartz wacke; med. bedded, med. to fine grained			
		rare convoluted wacke top.			
Box 85					
469.06	474.0	469.06 - 474.0 Quartzitic wacke; med. bedded, generally fine grained,			
		rare rip clasts, rare silicified, biotitic concretion			
		contain abundant pyrrhotite, parallel laminated wacke tops.			
Box 86					
474.0	480.24	480.24 - 475.21 Quartzitic wacke; med. bedded, fine grained.			
		475.21 - 476.8 Wacke; thin bedded, parallel laminated.			
		Bedding to Core 76°.			
		476.8 - 480.24 Quartz wacke, and quartzitic wacke; med. bedded			
		gen. fine grained.			

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Drill Hole Record

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Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 87					
480.24	485.58	480.24 - 482.32 Wacke, rare interbeds of Quartzitic wacke; thin bedded, parallel laminated in part.			
		@ 480.60 thin gauge filled shear 1 cm. thick @ 25° to core.			
		@ 481.0 disseminated pyrrhotite & minor chalcopyrite occurs in small (1 cm. x 3 cm.) lense.			
		482.32 - 483.22 Quartz wacke; med. bedded, chlorite alteration along thin incipient fractures.			
		483.22 - 483.66 Wacke; thin bedded, parallel laminated.			
		483.66 - 485.58 Quartz wacke; med. bedded, rare wacke tops, weak sericite development.			
Box 88					
485.58	491.90	485.58 - 487.3 Quartz wacke; med. bedded, med. grained.			
		487.3 - 489.40 Wacke rare quartz wacke interbed; generally thin bedded, parallel laminated bdg. to core 77°.			
		489.40 - 491.90 Quartz wacke; med. bedded, med. grained.			
		@ 490.60 meters 5 cm. band of disseminated pyrrhotite 25% FeS.			

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Scale

Colour Plot & Dips

Drill Hole Record

Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 89					
491.90	497.34	491.90 - 492.10 Quartz wacke; med. bedded.			
		492.10 - 495.4 Gabbro Dyke; contact 12° to core, gen. fine grained light green grading to grayish green coarser grained gabbro towards footwall. Irregular quartz filled fractures occur through out the dyke, fractures generally contain patches of massive pyrrhotite and pyrite, along the footwall of the Dyke Quartz veining, silicification and albitization alter 40 cm. of sediment.			
		495.4 - 496.6 Quartz wacke; med. bedded.			
		496.6 - 497.34 Wacke; thin bedded, parallel laminated, bdg. to core 83°.			
Box 90					
497.34	503.0	497.34 - 499.70 Wacke; thin bedded, parallel laminated in part.			
		499.70 - 500.72 Quartz wacke; med. bedded, med. grained.			
		500.72 - 503.0 Wacke; rare quartz wacke; thin bedded, laminated in part @ 501.0m, band of disseminated pyrrhotite with rare chalcopyrite 25% FeS. @ 502.53 2 cm. bed of quartz wacke contains 25% disseminated pyrrhotite.			

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Drill Hole Record

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Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 91					
503.0	508.85	503.0 - 503.4 Wacke; thin bedded, thin laminated.			
		503.4 - 507.0 Quartz wacke interbedded quartzitic wacke; med. bedded tops are rare.			
		507.0 - 507.64 Wacke; thin bedded, parallel laminated. 507.0 - 507.20 - pyrrhotite disseminated along bedding (< 2%) planes, pyrrhotite also occurs along thin irregular fractures.			
		507.64 - 508.85 Quartz wacke; med. bedded, med. grained, sericitic in part.			
Box 92					
508.85	514.77	508.85 - 509.50 Quartzitic wacke; med. bedded.			
		509.50 - 511.05 Wacke; thin bedded, mainly parallel laminated, with rare cross laminated sections.			
		511.05 - 514.77 Quartz wacke; thick bedded, med. grained, no wacke tops.			
Box 93					
514.77	520.20	514.77 - 514.90 Quartz wacke; thick bedded.			
		514.90 - 515.80 Wacke; thin bedded, parallel laminated 515.70 to 515.80. Disseminated pyrrhotite lamina, parallel to bedding less than 1 mm thick (bdg. to Core 84°).			
		515.80 - 520.0 Quartz wacke; med. bedded, med. grained, some beds graded fining upwards.			
		520.0 - 520.20 Wacke; thin bedded, laminated, weakly disseminated pyrrhotite.			

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Drill Hole Record

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Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 97					
537.1	543.14	537.1 - 540.6 Quartzitic wacke, interbedded wacke; thin bedded. wacke beds parallel laminated. 532.0 - 532.20 disseminted pyrrbotite lamina.			
		540.6 - 542.40 Quartzitic wacke; med. bedded, rare thin bedded laminated wacke tops.			
		542.40 - 542.8 Conglomerate; generally thin tabular clasts, oriented to the plan of bedding. Wacke matrix.			
		542.8 - 543.14 Quartzitic wacke; thin bedded.			
Box 98					
543.14	548.7	543.14 - 544.25 Quartzitic wacke, interbedded wacke; thin bedded.			
		544.25 - 546.50 Quartzitic wacke, interbedded wacke; med. bedded wacke beds generally laminated and thin bedded.			
		546.50 - 547.5 Wacke - Subwacke; thin bedded parallel laminated. Bdg. to Core 85°.			
		547.5 - 548.7 Quartz wacke; med. bedded, med. grained, thin parallel laminated wacke-subwacke tops.			
Box 99					
548.7	554.48	548.7 - 553.8 Quartzitic wacke; med. bedded, laminated wacke tops.			
		553.8 - 554.48 Wacke and subwacke; thin bedded, very thin laminated convolute laminations in part.			

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Colour Plot & Dips

Drill Hole Record

Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 100					
554.48	560.2	554.48 - 554.8 Wacke; thin bedded, mainly parallel laminations.			
		554.8 - 557.3 Quartzitic wacke, interbedded wacke; thin bedded wacke interbeds laminated.			
		557.3 - 560.2 Quartzitic wacke, interbedded quartz wacke; med. to fine grained @ 555.0, 2 cm. band disseminated pyrrhotite rare chalcopyrite est. 15% FeS. @ 558.4, 2 cm. band of disseminated chalcopyrite est. 2% Cu.			
Box 101					
560.2	566.0	560.2 - 566.0 Quartz wacke, interbedded quartzitic wacke; med. bedded, med. to fine grained patches of very weak pyrrhotite dissemination common. Bedding to Core 75°.			
Box 102					
566.0	571.3	566.0 - 568.65 Quartz wacke, interbedded quartzitic wacke; med. bedded, thin wacke-subwacke tops, rare rip-up clasts, very weakly disseminated pyrrhotite through section.			
		568.65 - 570.9 Quartz arenite to litho quartz arenite; thick bedded, coarse grained one single bed.			
		570.9 - 571.34 Wacke; thin bedded, parallel laminated.			

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Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 103					
571.34	577.0	571.34 - 577.0 Quartz wacke, interbedded quartzitic wacke; med. bedded, med. to fine grained, parallel laminated wacke-subwacke tops, convoluted in parted, rare rip-up clasts. @ 572.19, 1 cm. band disseminated pyrrhotite est. 25% FeS. @ 576.8, 3x4 cm. concretion, contain abundant disseminated pyrrhotite is common through out most of the Quartz wacke units.			
Box 104					
577.0	582.7	577.0 - 580.2 Quartzitic wacke, interbedded quartz wacke; med. bedded, wacke tops are rare, quartz wacke commonly sericitic, weakly disseminated pyrrhotite common.			
		580.2 - 581.4 Quartzitic wacke; thick bedded, med. grained (one single bed) generally sericitic.			
		581.4 - 582.7 Quartzitic wacke, interbedded wacke; thin bedded, wacke beds parallel laminated. Bdg. to Core 82°. @ 581.7, 3 cm. quartz vein, contains Euhedral black tourmaline tourmaline crystalles impregnated the host sediment for 4 cm. from the H.W. of the vein.			

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Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 105					
582.7	588.5	582.7 - 588.5 Quartzitic wacke; interbedded wacke, med. bedded rare thin beds wacke generally laminated. Weakly disseminated pyrrhotite and rare chalcopyrite is common through-out the quartzitic beds. @ 584.1 sphalerite, occurs in 3 mm wide quartz vein parallel to bedding, sed. adjacent to vein are strongly chloritized, immediately below the vein, a 2 cm. band of heavy disseminated pyrrhotite. @ 585.9, 1.5 cm. quartz vein parallel to core contains pyrrhotite, chalcopyrite and Euhedral tourmaline crystals. @ 587.5 a 2.5 cm. band of heavy disseminated pyrrhotite with some chalcopyrite.			
Box 106					
588.5	593.5	588.5 - 589.5 Quartz wacke; med. bedded, slump structured wacke-subwacke tops. Weakly disseminated pyrrhotite common in quartz wacke beds @ 589.50 - 5 cm. pyrrhotite concretions 40% FeS.			
		589.5 - 590.75 Wacke-subwacke; thin bedded, parallel laminated in part and flame structure in part, rare rip-up clasts. Bdg. to core 81°.			

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Colour Plot & Dips

Drill Hole Record

Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 108 cont'd					
		605.0 - 605.98 Wacke; slump conglomerate best clast development near base of unit, clasts, long axis oriented parallel to bedding, clasts range in size from tiny (3mm) fragments to large ellipitic 4 cm. x 2 cm. fragments.			
Box 109					
605.98	609.1	605.98 - 606.24 Wacke slump conglomerate; as previously described.			
Note Core Box only ½ full		606.24 - 607.35 Quartz wacke; med. bedded, med. grained rare pyrrhotite rich concretions.			
		607.35 - 607.70 Wacke; med. bedded, none laminated, contains thin zones of tiny clasts.			
		607.70 - 609.1 Quartzitic wacke; med. bedded, fine grained.			
Box 110					
609.1	614.9	609.1 - 612.0 Quartz wacke; thick bedded, upper unit coarse grained, lower unit fine grained, upper unit sericitic rare cross bedded zones, one 4 cm. x 2 cm. pyrrhotite rich concretion.			
		612.0 - 613.7 Wacke interlayered subwacke; thin bedded thin sandy lenses, gen. pyrrhotite rich, parallel laminated in part. 613.50 - 613.60 Conglomerate zone, clasts are tabular			

Scale

Colour Plot & Dips

Drill Hole Record

Commerce

Property LEW	District	Hole No. L-80-1		
Commenced	Location	Tests at	Hor. Comp.	
Completed	Core Size	Corr. Dip	Vert. Comp.	
Co-ordinates		True Brg.	Logged by	
Objective		% Recov.	Date	

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 110 cont'd					
		612.0 - 613.7 and thin, oriented to the plane of bedding.			
		Cont'd Bdg. to Core 80°.			
		613.7 - 614.9 Quartzitic wacke; med. bedded, fine grained.			
Box 111					
614.9	620.75	614.9 - 615.78 Quartzitic wacke; med. bedded, fine grained.			
		615.78 - 617.57 Quartz wacke: thick bedded, med. grained thin			
		convolute structured wacke-subwacke tops. Sericitic			
		in part, rare zones of disseminated pyrrhotite.			
		617.57 - 618.40 Wacke interlayered subwacke; thin bedded, generally			
		convolute structured, rare parallel laminated zone.			
		618.40 - 618.60 Conglomeratic wacke; clasts are rounded to tabular			
		generally less thin 1 cm. in size. Clasts are			
		lithologically similar.			
		618.60 - 620.75 Wacke; thin bedded, rare med. bed of quartzitic			
		wacke, rare patches of disseminated pyrrhotite.			
		Hole Surveyed at 617.3 meters, bearing 279° azimuth, dip -75°.			
Box 112					
620.75	626.2	620.75 - 621.45 Wacke; med. bedded, laminated in part.			
		621.45 - 623.12 Quartzitic wacke; med. bedded, fine grain, at			
		621.9, 20 cm. concretion, strongly silicified.			

Books

Colour Plot & Dips

Drill Hole Record

Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 112 cont'd					
	621.45 - 623.12	and biotitized, with abundant pink subhedral			
	cont'd	garnet development, rare pyrrhotite rich concretions, 30% FeS.			
	623.12 - 624.1	Wacke; thin bedded, laminated in part rare disseminated			
		pyrrhotite.			
	624.1 - 625.42	Gabbro sill; sed. at upper contact strongly silicified,			
		irregularly chloritized in part for 30 cm, lower contact			
		simularly altered. Gabbro generally fine grained.			
	625.42 - 626.2	Quartz wacke; thick bedded, med. grained contains			
		abundant pyrrhotite, with minor chalcopyrite,			
		as disseminations and as massive pyrrhotite filling			
		thin irregular fractures.			
Box 113					
626.2	632.27	626.2 - 632.27 Quartz wacke interbedded quartzitic wacke; med. bedded,			
		rare wacke tops, some beds strongly silicified and chloritized,			
		rare patches of disseminated pyrrhotite.			
		Bdg. to Core 80°.			
Box 114					
632.27	638.26	632.27 - 635.67 Quartzitic wacke, rare interbedded wacke; med. bedded, rare			
		patch of sericitic alteration rare rip-up clasts.			

Scale

Colour Plot & Dips

Drill Hole Record

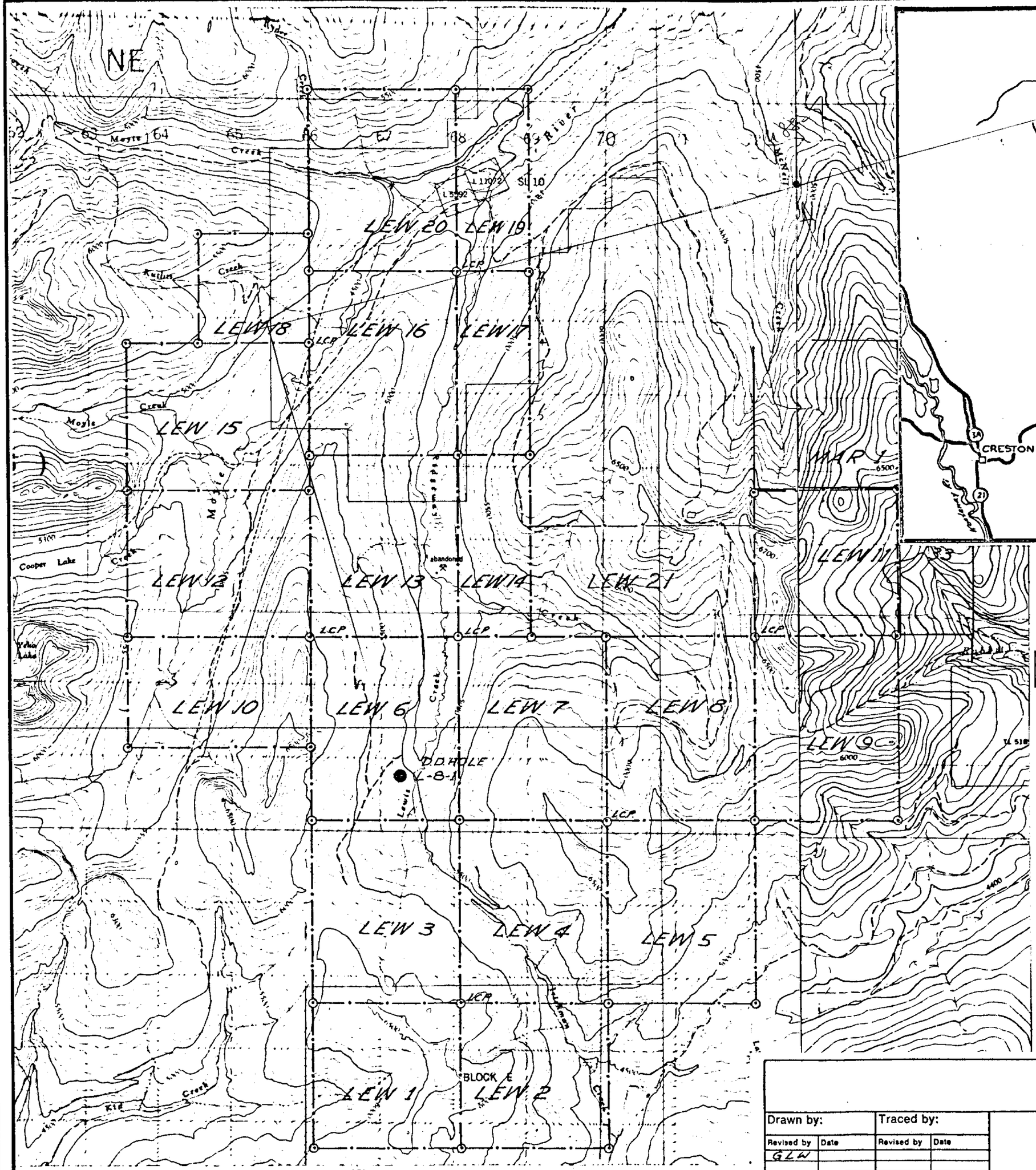
Cominco

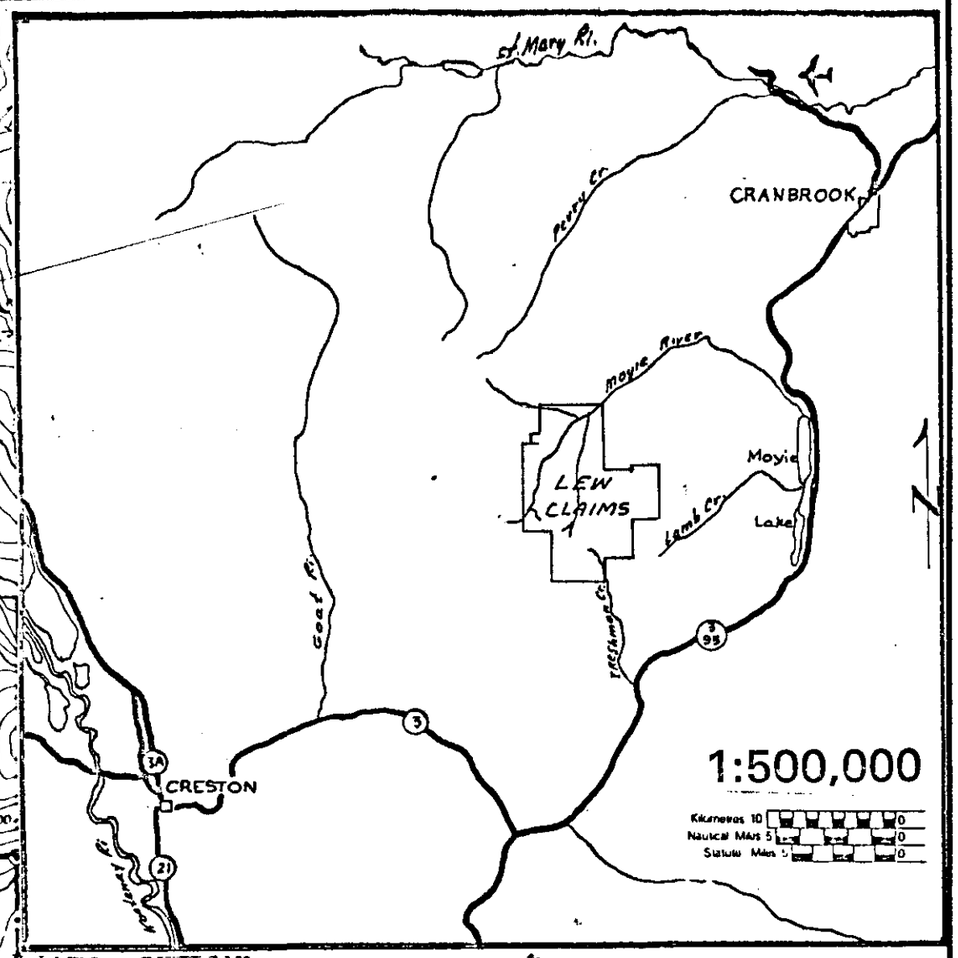
Property LEW	District	Hole No. L-80-1	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim | T Brg. | Collar Dip | Elev. | Length | Hole No. | Sheet

Footage From	To	Description	Sample No.	Length	Analysis
Box 114 cont'd					
		635.67 - 636.60 Wacke; thin bedded, thin laminated.			
		636.60 - 637.83 Quartz wacke; med. bedded, med. to fine grained silicified and chloritic in part, minor disseminated pyrrhotite. Shear zone 1 cm. thick at 634.30, at 30° to core.			
		637.83 - 638.26 Gabbro sill; finely crystalline.			
Box 115					
638.26	643.70	638.26 - 638.61 Gabbro sill, finely crystalline, minor silicification and chlorization, alters seds. at basel contact.			
		638.61 - 643.70 Quartz wacke; thick bedded, med. to coarse grained, rare laminated wacke top.			
Box 116					
643.70	648.4	643.70 - 648.4 Quartz wacke; med. bedded, med. grained, Wacke-subwacke tops common, zones of widely dispersed fine lithic fragments are common. Conglomerate wacke (slump conglomerate) occurs between 646.50 and 646.9. Clasts range in size from .5cm. to 5cm. thick generally lenticular shaped, long axis oriented to the plane of bedding, clasts are lithologically similar. Sphalerite occurs weakly disseminated in a silicified concretion 4 cm. in size. Bdg. to Core 80°.			
END		END OF HOLE			
		Core stored at the Sullivan Mine in Kimberley.			

211-0457





N

Part 2 of 2

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
8841

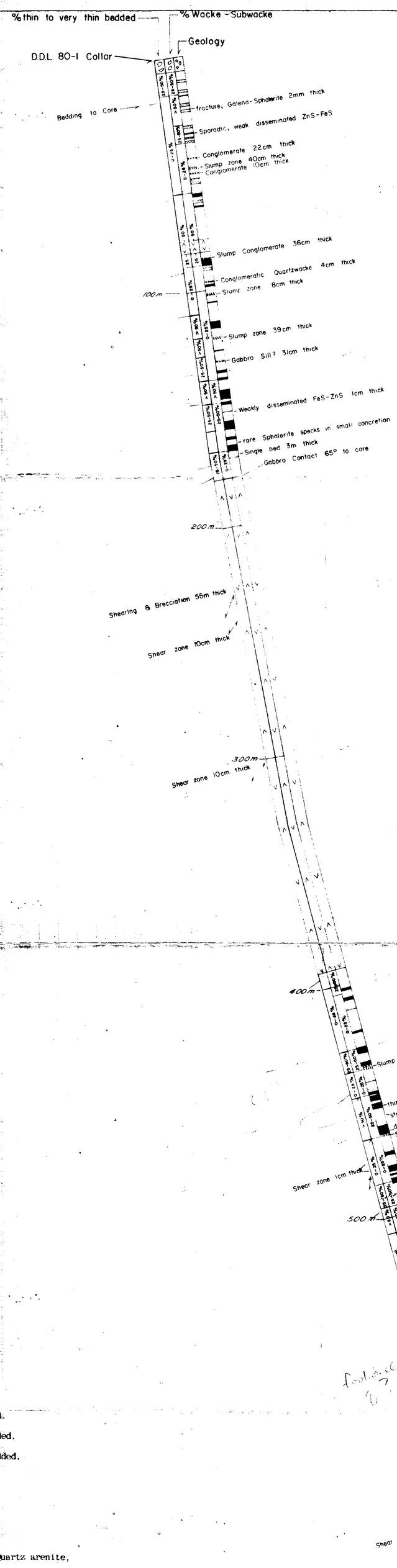
Drawn by:		Traced by:	
Revised by	Date	Revised by	Date
GLW			

Cominco

LEW CLAIMS

82F/8

Scale: 1:50,000 | Date: MAY 1980 | Plate: 2



LEGEND

- 0–25% thin bedded & very thin bedded.
- 25%–50% thin bedded & very thin bedded.
- 50%–100% thin bedded & very thin bedded.
- 0–25% wacke & subwacke.
- 25%–50% wacke & subwacke.
- 50%–100% wacke & subwacke.
- Quartzitic wacke, Quartz wacke and Quartz arenite, thick bedded to very thick bedded.
- Wacke through to Quartz arenite undivided, medium bedded.
- Interturbidite wacke and interturbidite subwacke, medium to very thin bedded.
- Intraformational Conglomerate and Intraformational breccia.
- Slumped sediments.
- Gabbro

Bed thickness; 100 cm and up – very thick, 30–100 cm – thick, 10–30 cm – medium, 3–10 cm – thin, 1–3 cm – very thin.

NOTE:

The above percentage categories for thin bedded versus medium and thick bedded, and for wacke-subwacke versus Quartzitic wacke, Quartz wacke, Quartz arenite, are calculated for contiguous intervals of Core which range from 8 to 12 meters.

Lat. 49° 18'
Long. 116° 04' 15"
Elev. 1650m
Dip 90°-75°
Brg 279°

Part 2 of 2

LEW PROPERTY

Drawn by	Traced by
Revised by Date	Revised by Date

D.D.H. L80-1

Scale Date Plate 1