Regional Geologist, Cranbrook | Date Approved: 1996.11.18 | Off Confidential: 1997.07.05

ASSESSMENT REPORT: 24578 | Mining Division(s): Fort Steele

Property Name: Moyie

Location:

NAD 27	Latitude:	49 22 00	Longitude:	116 05 00	UTM:	11	5468403	566555
NAD 83	Latitude:	49 22 00	Longitude:	116 05 04	UTM:	11	5468621	566473
NTS:	082F08E							

Camp:

Claim(s): Bingo 1

Operator(s): Sedex Mining Corp.
Author(s): Rodgers, Glen M.

Report Year: 1996

No. of Pages: 26 Pages

Commodities Searched For: Lead, Zinc

General Work Categories: DRIL

Work Done: Drilling
DIAD Diamond surface (2 hole(s);NQ) (731.4 m)

Keywords: Aldridge Formation, Gabbros, Helikian, Quartz arenites, Quartzites

Statement Nos.: 3089393, 3089421, 3089423, 3089429

MINFILE Nos.:

Related Reports:

Diamond Drilling Report

Moyie Property

Fort Steele Mining Division
British Columbia

NTS 82F/08

49 Deg 22 Min N. Latitude

116 Deg 05 Min W. Longitude

Owner:

Hastings Management Corp.
1000-675 W. Hastings Street
Vancouver, B.C., V6B 1N2

Operator:

Sedex Mining Corp.
Cranbrook Project
3380 Wilks Road
P.O. Box 215
Cranbrook, B.C., V1C 4H7

Report By:

G.M.Rodgers, P.Eng.
P.O.Box 63,
Skookumchuck, B.C. V0B 2E0

For: Sedex Mining Corp.
Oct.1,1996

summary

Two diamond drill holes (NQ size core) were drilled on the Moyie and SMC claim groups each to 365.7 meters. The objective was to investigate the local Aldridge Formation stratigraphy on the claims.

TABLE OF CONTENTS

1.00 Introduction

1.10 Location and Access

The Moyie claim block is located in the Moyie River area, approximately 28 km southwest of Cranbrook, B.C., in the Fort Steele Mining Division, see figures 1 & 2. Access is by road along the Lumberton and Moyie logging roads from Cranbrook. A series of logging roads within tributarydrainages provide good aces to much of the claim block. Two hydro power lines cross the property.

1.20 History

Parts of the Moyie claim block have been held and prospected by Cominco for Sullivan-type deposits in the past including the Lew Claims, Ice block and Hot claims. Some gold prospecting was conducted on the David-Harmony and Laurie claims. In 1995 Hastings Management undertook to re-evaluated the entire area for Sullivan-type deposits.

1.30 Property

The Moyie claim block consists of 772 contiguous claims as listed in Table 1. All are 100% owned and operated by Hastings Management Corp.

1.40 Scope of Present Program

The present program consists of drilling two core holes to determine the stratigraphic relationships of the Middle and Lower Aldridge in the area:

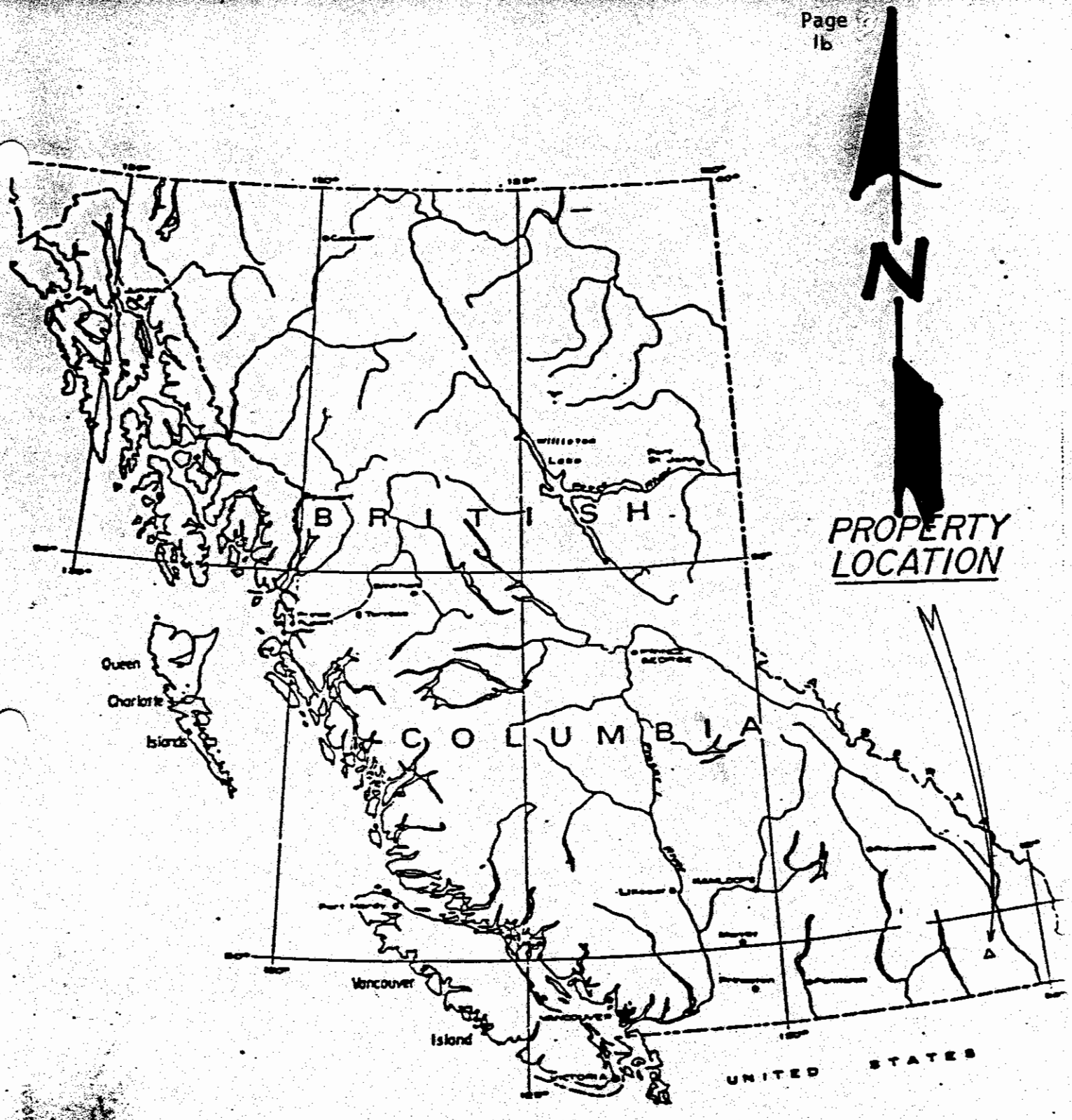


Figure 1

LOCATION MAP

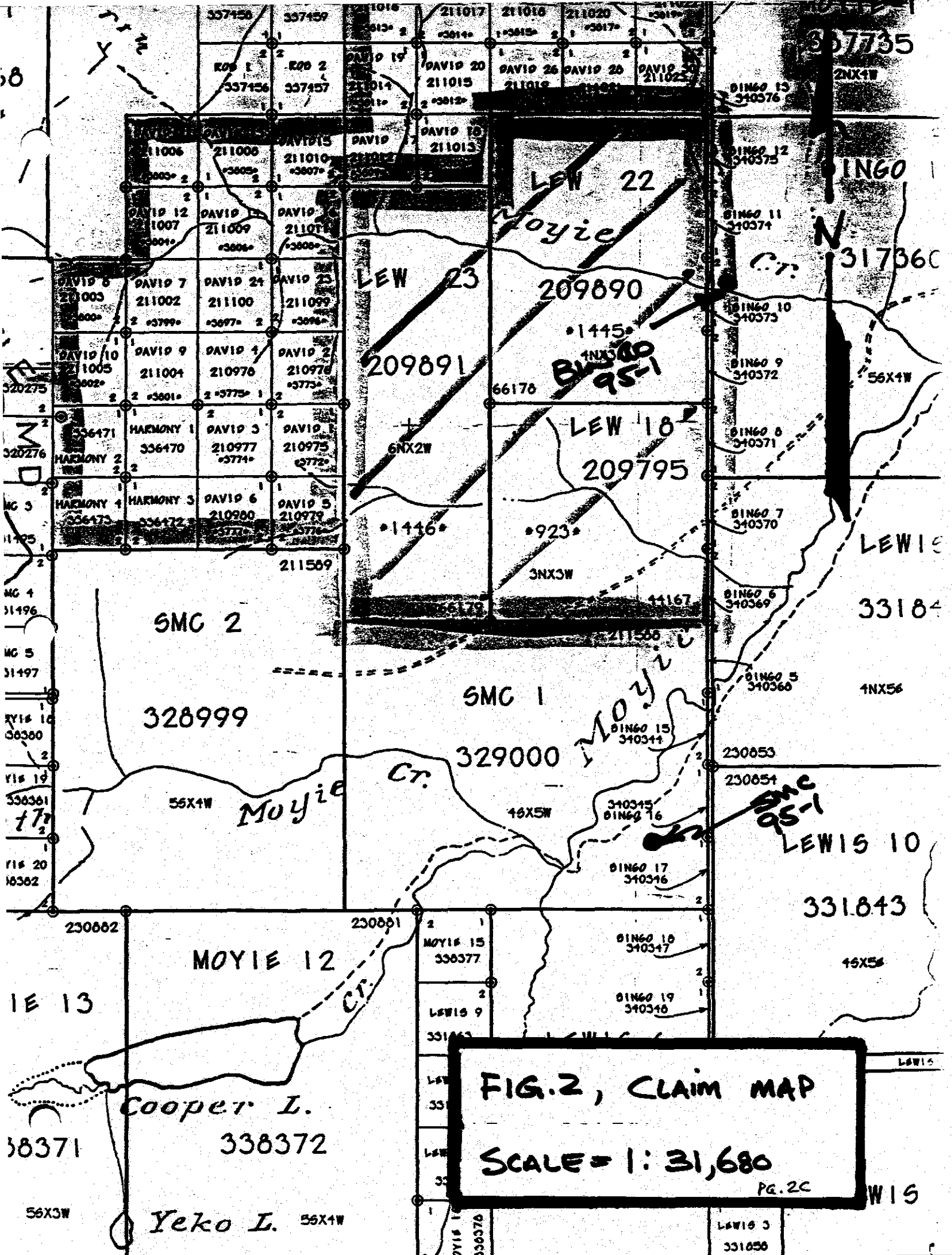
SCALE

Km 100 50 0 100 200 300 400 Km

Claim Information

The drill hole SMC-95-1 was drilled on the SMC claim and the drill hole Bingo-95-1 was drilled on the Bingo claim. The following claims were grouped and assessment is applied as per event numbers; 3089393, 3089421, 3089423 & 3089429.

Claim Name		Record #	Expiry Date
Moyie	14	337727	Jul.3,1999
"	3	337737	Jul.5,1997
"	5	337739	Jul.7,1997
"	7	337747	Jul.8,1997
"	50	340096	Sep.14,1997
"	9Fr	340099	" " "
"	22	337789	Jul.7,1997
"	23	337790	" " "
"	24	337791	" " "
"	9	337793	Jul.9,1997
"	10	337794	" " "
"	27	338836	Aug.9,1997
"	6	337740	Jul.8,1997
"	7	337747	" " "
"	8	337792	" " "
"	12	338372	Jul.19,1997
"	15	338377	Jul.18,1998
"	16	338378	" " "
"	17	338379	Jul.18,1997
"	13	338371	Jul.20,1997
"	20	338382	Jul.19,1997
"	19	338381	Jul.19,1998
"	18	338380	Jul.19,1999
Lewis	12	331864	Jul.3,1999
"	10	331843	Oct.16,1997
"	1Fr	340097	Sep.14,1997
"	11	331844	Oct.15,1997
"	9	331863	Oct.17,1997
"	8	331862	" " "
"	7	331861	" " "
"	5	331860	" " "
"	4	331859	" " "
"	3	331858	" " "
"	2	331857	" " "
Bingo	14	340377	Sep.12,1997
"	13	340376	" " "
"	12	340375	" " "
"	11	340374	" " "
"	10	340373	" " "
"	9	340372	" " "
"	8	340371	" " "
"	7	340370	" " "
"	6	340369	" " "
"	1	317360	May.10,1998
"	5	340368	Sep.12,1997
"	15	340345	Sep.23,1997
Bingo	16	340346	Sep.23,1997
"	17	340347	" " "
"	18	340348	" " "
"	19	340349	" " "


LEW 22
LEW 23
LEW 18
209690
209891
209795
1445
1446
923
6NX2W
3NX3W
66178
44167
211569
211566
SMC 2
328999
SMC 1
329000
Moyie Cr.
56X4W
46X5W
4NX56
MOYIE 12
LEWIS 10
331643
Cooper L.
338372
Yeko L.
56X3W
FIG. 2, CLAIM MAP
SCALE = 1: 31,680
PG. 2C

2.10 Regional Geology

The area of the Moyie claim block is underlain by Precambrian Purcell Supergroup rocks of the Aldridge Formation. These are fine-grained clastics that include impure quartzites, siltstones and argillites. The rocks have been metamorphosed to lower greenschist facies and have been intruded by a series of basaltic composition sills and dikes.

2.20 Property Geology

On the Moyie claim block Aldridge rocks are generally flat-lying with local dips up to 20 degrees. Shearing is commonly NW and NE-trending parallel to the Moyie River fault and the Vine vein structural trends.

3.00 Diamond Drilling

A TOTAL OF 731.4 METERS WERE DRILLED IN TWO HOLES AS FOLLOWS:

DDH	Location	Depth
Bingo-95-1	N. Moyie Creek	365.7 meters (VERTICAL)
SMC-95-1	S. Moyie River	365.7 meters (-70° AT AZIMUTH 090°)

3.10 Bingo-95-1 DDH

The Bingo-95-1 DDH was collared along the west boundary of the Bingo claims in North Moyie Creek to test for alteration and fragmental rocks present in the Cominco Lew Vent system approximately 1000 meters to the west.

Results: 365 meters of probable Middle Aldridge rocks were intersected. No Lower Aldridge rocks were identified. Several zones of talcy/albitized argillite beds without any visible sulfides were intersected. No samples were taken for assay.

3.20 SMC-95-1

The SMC-95-1 DDH was collared under the powerline along the South Moyie River at an elevation of 1494m. as a stratigraphic test to determine the general geology of the Aldridge rocks in the area.

Results: 365 meters of probable Middle Aldridge rocks were intersected. No Lower Aldridge rocks were identified. A gabbro intrusive rock was intersected between 15-191 meters. Contact relationships with the bedded Aldridge rocks were unable to determine if the gabbro was a sill or dike. Although the rocks were mildly metamorphosed with occurrences of biotite and talc, no significant sulfides were identified except for the occasional Po and Py as disseminations along bedding. No samples were taken for ASSAY.

1459.38

1459.87

1475

1495.57

5467000N

1428.06

1451.43

1507.06

1535.11

1432.53

5466000N

1459.45

SOUTH MOYIE RIVER

1468.44

1456.11

SMC-1 CLAIM

1479.28

DIAMOND DRILL HOLE SMC-95-1

1458.69

1463.91

1537.09

SMC-1 Claim Post #45

LGOTS 10 CLAIM

5465000N

1503.71

1524.60

POWER LINE

1486.64

1796.60

5464000N

1825

1510.81

DIAMOND DRILL

FIG.3; HOLE LOCATION

SMC-95-1

SCALE= 1: 10,000

565 000 E

566 000 E

PG 7

5471000N

1957.17

1672.85

1828.11

1800

1626.48

CLAIM POST #1 4W 3E of LEW 22 Claim

CLAIM POST #4W of BINGO CLAIM

1703.97

1545.57

5470000N

1533.28

LEW CLAIM

BINGO CLAIM

NORTH MOYIE RIVER

1462.40

1440.15

DIAMOND DRILL HOLE BIN 0095-1

5469000N

1700

1774.45

5468000N

METERS

0 100 500 750 1000

1618.13

FIG. 4. DIAMOND DRILL HOLE LOCATION
BINGO 95-1
SCALE = 1: 10,000

PG 2

4.00 Conclusions and Recommendations

Two holes (Bingo-95-1 and SMC-95-1) were completed on the Moyie claim block. The holes tested the general stratigraphic relationship of the Aldridge Formation on the claims. No Lower Aldridge or "Sullivan-horizons" were intersected. No significant base metal sulfides were recognized in the drilling.

Additional stratigraphic testing is recommended on the Moyie claim block to determine the regional stratigraphic relationships and presence of a "Sullivan-horizon".

STATEMENT OF COSTS

Moyie Claim Block

Itemized Cost Statement

Lone Ranger Diamond Drilling
Lumby, B.C.

SMC-95-1 (365.7 meters of NQ)
incl.mob-demob,site prep,etc) .....$24,000.

Bingo-95-1 (365.7 meters of NQ).....$24,000.

Mobilization/demobilization.....$ 2,000.

Glen Rodgers (Supervision,Core logging,etc.
20 days @ $200/Day.....$4000

Field Expenses
20 days @ $50/day for 4x4 vehicle.....$1000

Report Preparation
5-hrs typing drill logs @ $15/hr..... $75

Glen Rodgers, 3 days @ $200/day.....$600.

Petrographic Work (Vancouver Petrographics).....$1,500.

Core cuttting.....$1,000.

Total.....$58,175.

-Certified Correct:

G. RODGERS

Statement of Qualifications

I, Glen Rodgers hereby certify that:

1.)I am a graduate of the University of Manitoba School of Geological Engineering (1977) and am registered with the British Columbia Association of Profesional Engineers and Geoscientists as a P.Eng.
2)I am a graduate (1981) with honours of the Yahk School of Hard Knocks.
3) I have based this report on work done by myself during 1995 and 1996 on the Bingo and SMC claims as well as on the drill core resulting from the 1995 drill program.
4)I do not expect to receive any share consideration as a result of writing this report.
5)I have practised my profesion continuously over the last 20 years as an Exploration Geologist working in Canada, Alaska, Central America and Yahk.

Glen M. Rodgers, P. Eng.

OCT. 1 / 96
Date

APPENDIX I

DRILL LOGS

Drill Hole Record

Property:	MOYIE
District:	Fort Steele
Hole No:	SMC-95-1
Length of Hole:	365.7 meters
Commenced:	November 1, 1995
Completed:	November 14, 1995
General Location:	S. Moyie River, 116°05°, 49°18°
Co-ordinates:	UTM: 565579m E., 5465432m N.
Elevation:	1494m
Inclination:	-70°
Azimuth:	110°
Dip Test Results:	None
Hole/Core Size:	NQ
Logged By:	Glen Rodgers
Objective:	Test Aldridge stratigraphy for LMC.
Location of Core:	3380 Wilks Road, Cranbrook.
Drilled By:	Lone Ranger Drilling
Type of Drill:	Longyear 44
WP7 File No:	TpLog.19
General Comments:	None.

Cranbrook Project
3380 Wilks Road
P.O. Box 215
Cranbrook, B.C., V1C 4H7

Meters	Description	

0-15	OVERBURDEN
15-187.8	GABBRO 65° core angle (incipient fractures - parallel to regional bedding, commonly epidotized, slightly albitized)
187.8-189.2	QUARTZ 187.8 - 188.2m white bull quartz (39° hangingwall contact)
188.2-189.2	SILICIFIED GABBRO 188.2 - 189.2m silicified mafic zone (silicified gabbro) 40° fractures. Euhedral pyrite, conformable contact at 80°.
189.2-191.4	GABBRO 189.2-191.4m gabbro - fine grained, sill or dike?, 80° hangingwall contact and 65° footwall contact
191.4-192	SILICIFIED ARGILLITE
192-217	QUARTZ ARENITE Thin bedded, gray-white siliceous, minor cherty (very thin) interbeds of chert/silica; occasional quartz-albite-biotite "concretions" with minor actinolite and pink garnet 192.5 - 194.5m intermittent thin khaki-sericitized silty argillite beds 197.6 - 197.9m intermittent thin khaki-sericitized silty argillite beds Frequent collage type quartz-albite-biotite "concretions" (no actinolite or garnet) Frequent thin bedded biotized quartz-albite "beds". (Py > Po), rare cherty fragments. Sericitization and chloritizaion common, rare garnets. 206.8m - colloidal silica? 207.8 - 209.2m - quartz-albite, very fine grained, very chloritic

210m - disturbed beds
210 - 212m - possible laminar marker beds ?

217-272.3 QUARTZ ARENITE
Has garnet deficient quartz-albite-biotite-actinolite beds and concretions, occasional quartz, rare granular white and red/brown garnets (to 2mm)
268.5 - 272.3m is strongly chloritized and biotized. 270.9 - 272.3m has occasional clots of massive sulphide (Py and Po) (Pyrrhotite is magnetic). Thin pyrrhotite beds to 1.5cm; biotite, actinolite, Py, Po, and CPy as fracture fillings to 1cm.

272.3-274 EXHALATIVE/VENTED BED
Magnetic in places, with masses of biotite, chlorite, carbonate, actinolite with irregular clots of pyrrhotite, pyrite and chalcopyrite. Unknown white, fibrous, radiating mineral (tremolite? wollastonite?). Same as Bingo 316.0 - 316.9m but more sulphide.

274-313 QUARTZITE AND QUARTZ ARENITE
Medium thick bedded with minor thin bedded sericitic, argillaceous layers (beds?). Occasional Po and Py as wisps, clots and disseminations. 274 - 274.5m - very black, cherty quartzite (suspect tourmalinized) very hard and thin bedded, black "psuedo tourmalinized" beds above and below. Flame structures and rip-up clasts common (tops up). 279.5m and below: 95% quartz arenite (medium thick bedded). 289 - 290m; laminated, tan silty argillite beds (1 - 2mm) with fine white tops. ~15% silty argillite beds overall, incipient fractures localize moderate chloritic and sericitic alteration.

293.35-293.41m THIN EXHALATIVE/VENTED BED
Masses of black biotite, carbonate, green-black actinolite, Py and Po.
Flamed tops on argillaceous layers. Rare angular cherty clasts.

296.8 - 296.9m quartz-albite-biotite-actinolite-garnet (collage bed)
297.3 - 297.4m laminated, silty, very thin argillaceous beds (1- 3mm)
300.3 - 300.5m laminated, silty, very thin argillaceous beds (1- 3mm)

305.45 - 305.5m THIN EXHALATIVE/VENTED BED
Black, biotite and actinolite with large blebs of Po, Py and minor CPy in center of bed. Weak quartz-albite-biotite concretionary development. At 305.2 and 306.3m two thin very hard (tourmalinized?) beds.

313-336.8 QUARTZ ARENITE
Medium-thick bedded with weak-moderate chloritic and sericitic alteration throughout (more intense on fractures). Occasional angular cherty fragments at 316.5m. Dewatering cracks? (Bo rich?) - sericitized.

336.8-365.7 QUARTZ ARENITE (365.7m EOH)
Medium, very fine grained sericitic with 10 - 15% thin, silty argillaceous quartz wacke. Interbeds, occasional rip-up clasts and cherty fragments; locally pervasive chloritization and sericitization on and around incipient fractures. Flamed tops common (tops up).
336.9-337.3m very thin laminar beds (silty argillite) to 3mm
339.4-339.5m " "
347.7-348m " "
359.5-359m? " "
362.2-362.3m " "
365.2-365.7m " "
348.5 - 349m; quartz arenite with minor albitization, strong chloritization (disrupted) and strong sericitization, silicified with fine grained pyrrhotite disseminated along beds and Bo enriched? dewatering? cracks.
350.5m - 10cm sheared and distorted bedding (argillaceous).
363.3m - quartz vein disrupts beds, strongly chloritic and sericitic altered. Contains chlorite, sericite, actinolite, biotite and ? very small grained

rare tourmaline needles.
Overall: Last 30m of core - very sericitic and chloritic with fine grained disseminated pyrrhotite and occasional clasts throughout. Medium-thick bedded quartz arenite.

365.7 End of Hole.

Drill Hole Record

Property:	MOYIE CLAIMS
District:	Fort Steele
Hole No:	BINGO-95-1
Length of Hole:	365.7 meters
Commenced:	November 14, 1995
Completed:	November 30, 1995
General Location:	N. Moyie Ck., West boundary of Bingo claim
Co-ordinates:	5469000m. N, 566000m. E.
Elevation:	1433 m.
Inclination:	-90°
Azimuth:	0°
Dip Test Results:	None
Hole/Core Size:	NQ
Logged By:	Glen Rodgers
Objective:	Fulfill work commitment (15m casing left in hole).

Location of Core Storage: 3380 Wilks Road, Cranbrook

Drilled By:	Lone Ranger Drilling
Type of Drill:	Longyear 44
WP7 File No:	Tplog.13
General Comments:	None

Cranbrook Project
3380 Wilks Road
P.O. Box 215
Cranbrook, B.C., V1C 4H7

Meters	Description	
0-15	OVERBURDEN	
15-20	QUARTZ WACKE Black-gray, thin-medium bedded with thin "collage" type beds (ie. quartz-albite-biotite-actinolite-garnet) 2 - 6cm; minor black cherty layers, very fine grained, fining upward.	
20-27	QUARTZ WACKE Medium 10 - 20cm very fine grained quartz arenite beds. Quartz wacke is thin bedded, black gray (<10cm). Irregular beds with very thin laminations over 4cm at 26.3m. 22.5 - 23.5m is very chloritized with chlorite and sericite on incipient fractures. Frequent thin quartz-albite-biotite-actinolite-garnet beds and concretions every 20 - 30cm; minor siderite?, salmon-red garnets scattered and common.	
27.0-32.0	QUARTZ WACKE Very thin bedded with laminations (0.1 - 3.0mm) at 27.5m. Fine grained pyrrhotite on bed tops. 27.7 - 32.7m has moderate to intense fracturing; underground water course at 30.5m. Thin collage type beds common (quartz-albite-biotite-actinolite-garnet), occasionally with pyrrhotite as disseminations/replacement.	
32.0-36.0	TALCY ARGILLITE - ALBITIZED BED Green-gray-black with thin, black, argillaceous laminations, possibly synereses(?). Cracks and vugs common. Fe, Mn filled, occasional Py, Po on laminations 33.65 - 33.7m. Hard (tourmalinized?) black mud, minor chloritized beds; carbonate freckling common.	
36.0-79.5	QUARTZ ARENITE Thin-medium bedded. Gray-black, sericitized quartz wacke at 47 - 48.6m. Thin bedded quartz ????????. Large quartz-albite-biotite-actinolite-garnet concretions (5 - 25cm) common every 0.2 - 1.0m, incipient fractures strongly	

chloritized. Garnet common throughout and some black beds. Albitized-biotized (collage type) replacement of fracture at 67.2m. Talcy laminated bed (39.9 - 41.0m) with flame structures. Rare rounded cherty fragments, occasional (1 - 3cm) very sericitized beds. Occasional, thin (<5cm) biotized sandy beds (salt and pepper texture), sub-hedral pink garnets common with or without concretions, garnet (Mg) increases with depth. very fine grained Py, Po throughout, quartz-albite-biotite-actinolite-garnet beds also common.

79.5-87.5 50% QUARTZ ARENITE, 50% TALCY-BIOTITE-ARGILLACEOUS LAYERS (1 - 5CM)
Biotite is disseminated, lath like, fining upwards; frequent quartz-albite-garnet-biotite-actinolite concretions and thin beds and as fractured alteration; 83.5m roll-up clast, 81.5 - 81.6m slumping. *Chloritized fractures stop abruptly at sharp (top or bottom) biotized-talc-sand bed's contacts.

87.5-128 BIOTIZED, TALCY ARGILLACEOUS BEDS
Very fine grained, 'sandy', biotite cross cuts aligned parallel at bedding, occasional slumping. Flame structures common; scour and fill; distinct thin (0.5 - 5.0cm) and occasional medium (5 - 10cm) beds of very soft, tan talcy argillite and minor (30%) quartz arenite, less frequent collage beds. 101.4 - 101.5m - albitized talcy bed (sericitized) - khaki, no biotite
105.9m cross bedding, occasional Mg - thin beds of sand-sericite-biotite
114.5 - 114.9m - cross bedding, occasional Mg - thin beds of sand-sericite-biotite
Rare round cherty fragments chloritized ??????
Small slumped beds (110.8 - 112.0m), larger quartz-albite-biotite-actinolite concretions. Talcy-biotite-sericite beds getting thinner. 120 - 122m has rare, dark gray, cherty/quartz arenite fragments (2mm - 2cm). More quartz-arenite (80%) and less talc-sericite-sand beds (20%), 120.3m disrupted beds, 120.8m flame structures/10cm.

128-133.4 80% TALC-ARGILLITE-SERICITE BEDS AND 20% QUARTZ ARENITE (ALTERNATING BEDS)
Possible marker bed 130.0 - 132.5m

133.4-143.6 5% TALC-ARGILLITE-SERICITE BEDS AND 95% THIN QUARTZ ARENITE BEDS
15% quartz-albite-biotite-actinolite-garnet
chloritized incipient fractures (confined to quartz-arenite beds)

143.6-145.4 90% TALC-ARGILLITE-SERICITE BEDS AND 10% QUARTZ ARENITE
thin, rhythmic talcy beds. 145 - 145.3m has disrupted beds, flame structures and common load casts

145.4-166.4 5% TALC-ARGILLITE-SERICITE BEDS AND 95% QUARTZ ARENITE
5 - 10% quartz-albite-biotite-actinolite-garnet, 148.9 - 149m is clean, fine-grained white vented sand, 150 - 150.1m is disrupted beds, 150.4 - 150.6m mixed bag (talcy beds, collage beds, black siliceous quartz arenite)

166.4-172 ARENITE
5% quartz-albite-biotite-actinolite-garnet. Minor rhythmic thin talcy-sand-sericite beds. Flame structures common; biotite coarsening upwards to a sharp conformable top.
Contact; 152.15 - 152.2m black argillaceous mud
5% Py
152.2 - 153.0m khaki talc-argil-sericite
154.7 - 154.8m " " " "
1cm qtz vein (stratiform)
154.8 - 155.4m khaki talc-argil-sericite

172.0-177.8 QUARTZ ARENITE WITH MINOR SANDY-SERICITIC-ARGILLITE
Thin bedded, moderate - strong sericitization and chloritization, eg. silic and chlc at 173.9 - 174m. Sand-sericite-argillite as thin beds, commonly disrupted, Py Po common. Elongate fragments and bed remnants common parallel

to bedding.

177.8-183.5 BIOTIZED QUARTZ ARENITE
Thin bedded, fine to very fine grained vented sands with 20 - 30% fine grained to medium grained biotite. Po on curvilinear 45° fractures, rare cherty fragments and rare, thin siliceous beds (<1cm), Py, Po common throughout.

183.5-184.7 QUARTZ ARENITE
Locally chloritized and sericitized, minor thin biotite-quartz-argillite (salt and pepper text). Interbeds VCG fibrous actin-bio-muscovite.

184.7-197 BIOTITE-SERICITE-MUSCOVITE-TALC-SAND BEDS
Py, Po common. Abundant disseminated fine grained biotite (20 - 30%) occasional cg. crystalline (re-crystallized). Possible marker at 197.5 - 197.8m, occasional bedding plane parallel quartz veins with cg. plumose. Biotite, chlorite and sericite alteration common throughout; cherty fragments (<2mm) common.

197-206.6 QUARTZ ARENITE
Minor (10%) thin biotized argillite beds (repeating every 0.1 - 1.0m). Chloritized incipient fractures, quartz-albite-biotite-actinolite-garnet concretions every 0.5 - 1.5m. 201.6 - 201.7m slumped beds

206.6-207.6 ARGILLITE
Khaki, thin bedded and carbonate freckling, ?syneureses cracks and partings.

207.6-239.25 QUARTZ ARENITE
Minor (10%) argillite beds and 90% quartz arenite. Quartz arenite is medium bedded, chloritized and sericitized, argillaceous beds are commonly disrupted, occasional elongate fragments and bed remnants common parallel to

bedding (234.6 - 234.7m - LG. (10cm) load cast? slumping?

239.35-244.5 GABBRO
Altered gabbro dike (40° HW contact); epidote, chlorite, albite, quartz, and biotite common, 10° serpentine fractures, Py common 60° FW contact

244.5-263.9 90% QUARTZ ARENITE WITH MINOR (10%) SILTY ARGILLITE BEDS
244.5 - 246.5m moderately chloritized zone
248.3m - very fine black laminations (marker?)
254 - 254.7m very fine black laminating (marker?)
254.7m unconformable contact
263.6m loadcast (slumping?)

263.9-269.2 QUARTZ ARENITE
Light green-gray, slightly argillic? occasional quartz-albite-biotite-actinolite-garnet. MnO ? filled fractures FeOx ?; possible syneureses cracks (py filled) but 45° to core angle.
265.4 - 265.6m - thin gabbro sill
267.2 - 267.6m - dendritic Mn
266.5 - 266.7m possible marker
268.5 - 258.7m possible marker

269.2-280.5 QUARTZ ARENITE
Strongly chloritized on incipient fractures. Medium thick beds; <5 overall khaki

280.5-290.5 QUARTZ ARENITE
Medium bedded with 20 - 30% sericitized (talcy?) argillite as thin beds. Py common as fracture filling and coating; quartz-albite-biotite-actinolite-garnet concretions every meter, occasionally as thin beds and always sericitized. Occasional load casts, Py and Po common.

282.4 - 282.6m intense fracturing (fault?)
286.5 - 287.5m syneuresis cracks?

290.5-294.6 ARGILLIC BEDS
Thin, green-gray-khaki; strongly sericitized, silicification, Py common on fractures; 3cm quartz shear (35° to core angle), PbS as discreet crystals over 5cm. Py and Po common

294.6-296.3 GABBRO DIKE
40° HW and FW sharp contact; silicified sedimentary "core", large grained amorphous garnets (or relic argillite clasts?), very fine grained silicified epidote.

296.3-297.4 ARGILLITE
Light green-khaki-gray, silicified; 55° to core angle, Py and Po common

297.4-299.4 QUARTZ FILLED SHEAR
Locally vuggy, 50° to core angle, core loss at 299 - 299.4m

299.4-300.5 FAULT ZONE
50% core loss, mylotinized and clayey, gray and white gouge, argillic?

300.5-302.3 QUARTZ AND ARGILLITE
Quartz as thin veinlets and beds to 2cm, silicified and silty argillite

302.3-316 50% QUARTZ ARENITE AND 50% ARGILLITE
302.7 - 302.8m very black (tourmalinized) quartzite, occasional strong sericitization. Minor quartz-albite-biotite-actinolite-garnet. 310m - ZnS with thin quartz vein.
302 - 313m moderate strong chloritization (pervasive and on incipient fractures)

Meters	Description
	313.9 - 316m sericitized thin bedded quartz arenite; 315.4m unconformity (cross beds)
316-316.9	VENTED SAND 316-316.9m strongly biotized and actinolized, Py and Po common
316.9-325	50% QUARTZ ARENITE AND 50% ARGILLITE/ARGILLACEOUS SILTSTONE Minor quartz-albite-biotite-actinolite-garnet, occasional disrupted beds, chloritized beds, lame structures common. Py and Po common.
325-350	80% QUARTZ ARENITE AND 20% SILTY ARGILLITE Occasional disturbed beds, mild chloritization and sericitization, rare quartz-albite-biotite-actinolite-garnet concretions below 360m. Occasional vuggy quartz on fractures. 333.5-334.5m occasional round cherty fragments. Laminated very thin beds at 331.5 - 332m, 338.8 - 339.2m very thin, flames, loadcasts, roll ups, 335.9m, Py, Po, & CPy in quartz-albite-biotite-actinolite-garnet. Fluting common on silty tops.
350-365.7	70% QUARTZ ARENITE AND 30% SILTY ARGILLITE Only slightly chloritized; *No quartz-albite-biotite-actinolite-garnet*, occasional disturbed beds 351.9 - 352.5m - ?marker?; 359.5m - 0.5cm quartz-albite vein 362.5 - 365m? - ?marker? overall: last 20m was quieter and siltier, Py and Po common
365.7 meters	END OF HOLE