ASSESSMENT REPORT:

PHYSICAL WORK AND DIAMOND DRILLING

WELLS GROUP

Island Mountain

Cariboo Mining Division, British Columbia

N.T.S. Map Area 93H/4E

Latitude 53° 08' Longitude 121° 38'

Claim Name	Record No.	Units	Recording Date
Whipsaw 1 - 8	1881-1888	8	August 25, 1980
Island	5318	2	Nov. 9, 1983
Hard	5319	8	Nov. 9, 1983
Left	6743	1	March 6, 1985
Right	6744	1	March 6, 1985
Joe	8784	1	Oct. 27, 1987
Sophie	8811	12	Oct. 27, 1987

for

Wells Gold Ltd.
Suite 2314 - 1055 Dunsmuir St.
Vancouver, B.C.
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by

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Box 99
Wells, B.C.

February, 1988

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1 INTRODUCTION

This report describes the results of diamond drilling on the Wells Group of mineral claims located in the Cariboo Mining Division of central British Columbia. This group consists of 14 claims owned by Mr. K.V. Campbell of Wells, B.C. and held under option by WELLS GOLD LTD., of Vancouver, B.C.

1.1 Location and Access

Figures 1 and 2 locate the property, centered about 7 km northwest of the village of Wells in central British Columbia, 80 km east of Quesnel on Highway 26. The claims are situated within National Topographic System area 93H/4E and are centered at approximately 121° 38'W longitude and 53° 08'N latitude.

The property is reached by a 4-wheel drive road branching west from the road up to the Mosquito Creek Gold Mine, just south of the bridge over the Willow River. This mining and logging track follows an old hydraulic ditch and almost reaches the west side of the Hard claim. It requires several more culverts and some remedial work. Old logging trails extend over the south part of the Sophie claim and these are accessed by driving south from Wells around Island Mtn. on the Slough Creek road.

1.2 Claim Ownership

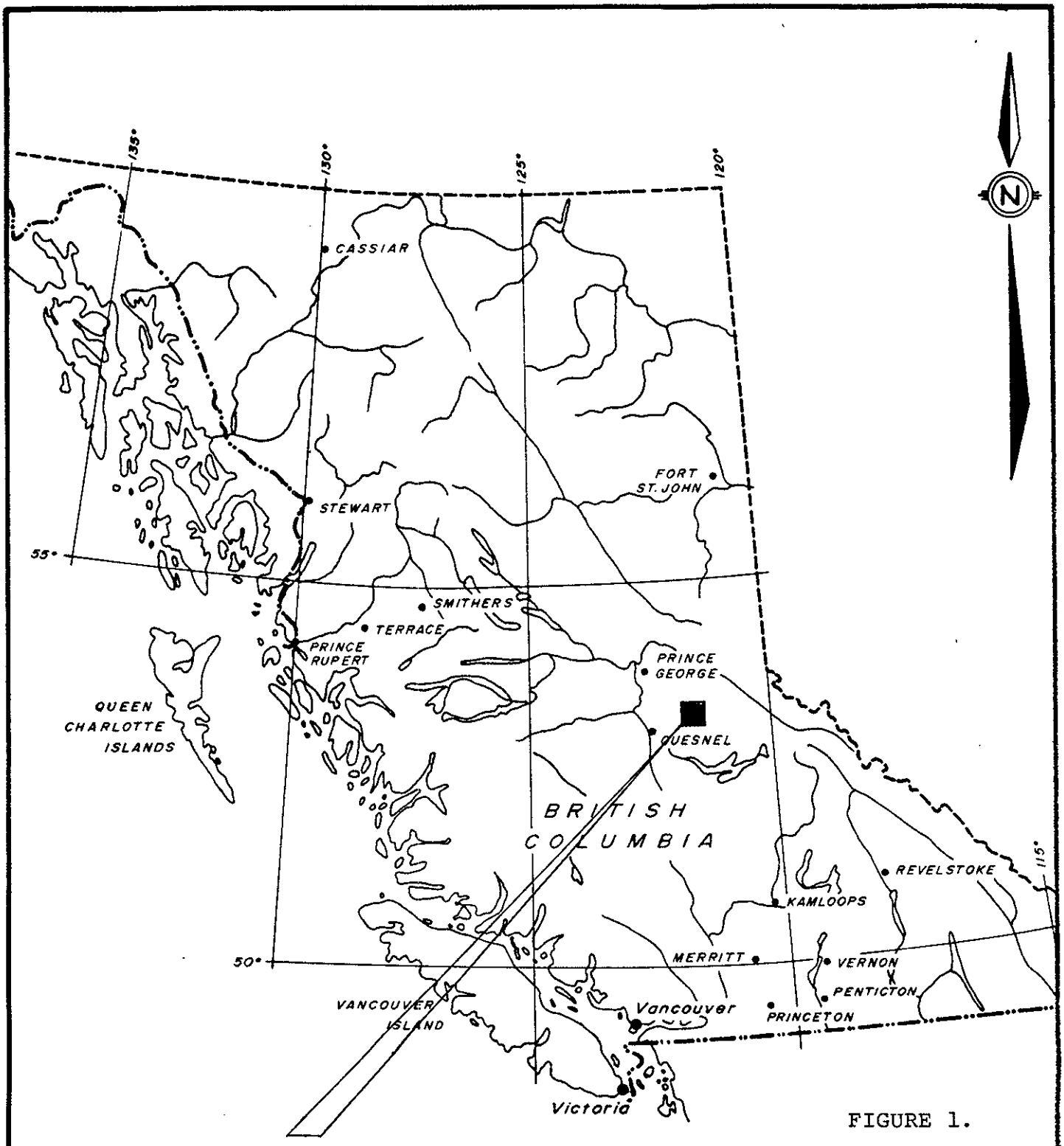

FIGURE 1.

WELLS GOLD PROPERTY

WELLS GOLD LTD.

LOCATION MAP

FIGURE: 1

1988

CAMPBELL & ASSOCIATES
GEOLOGICAL CONSULTANTS

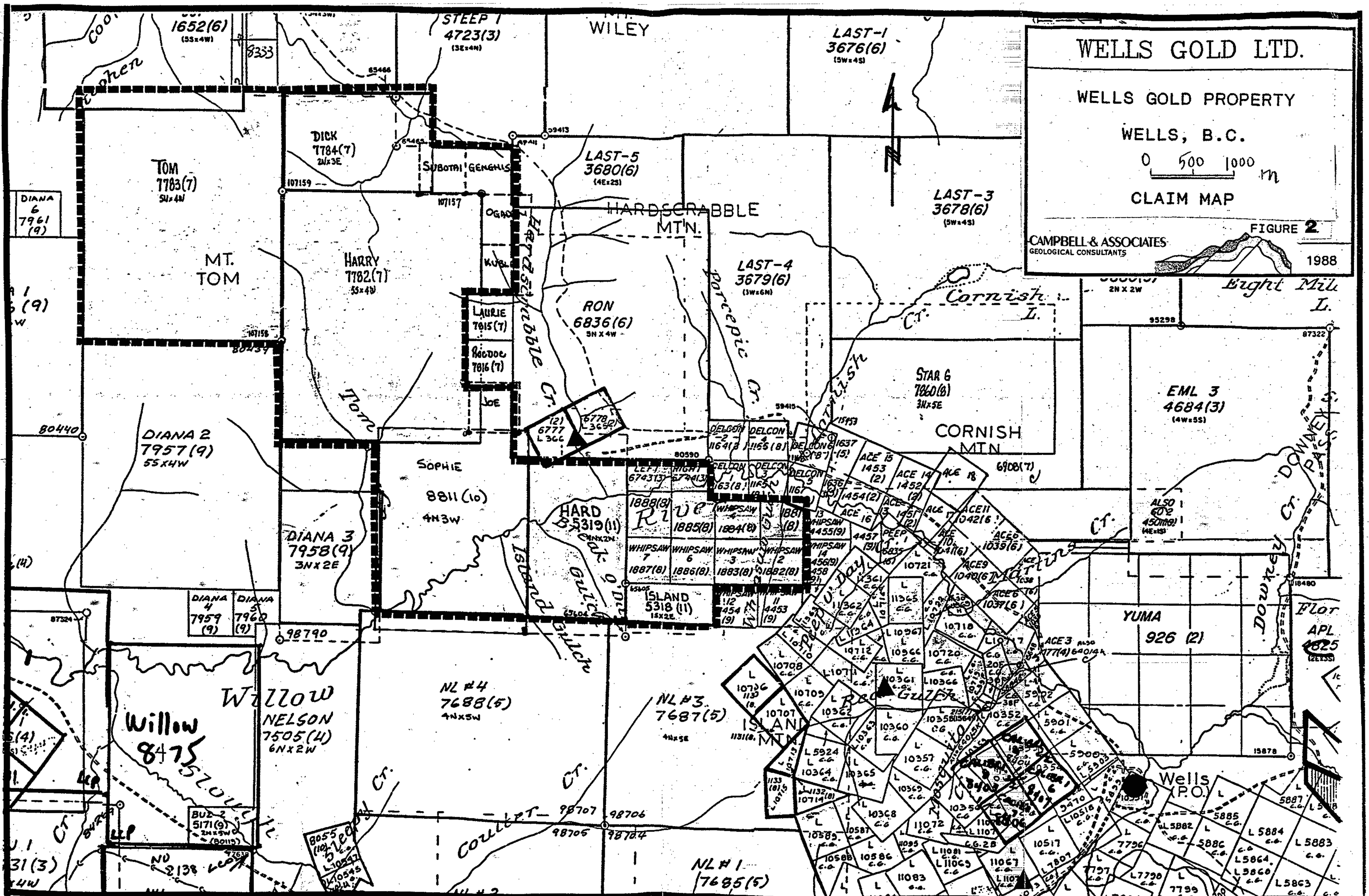
WELLS GOLD LTD.
WELLS GOLD PROPERTY
WELLS, B.C.
0 500 1000 m
CLAIM MAP
FIGURE 2
CAMPBELL & ASSOCIATES
GEOLOGICAL CONSULTANTS
1988
WILEY
STEEP 1 4723(3)
1652(6)
LAST-1 3676(6)
LAST-5 3680(6)
LAST-3 3678(6)
LAST-4 3679(6)
DICK 7784(7)
TOM 7783(7)
MT. TOM
HARRY 7782(7)
DIANA 6 7961 (9)
SUBOTAI
GENGHIS
OGADAI
KUBLAI
LAURIE 7815(7)
JOE
HARDSCRABBLE MT'N.
Hardscrabble Cr.
RON 6836(6)
Porcepic Cr.
Cornish L.
Cornish Cr.
Eight Mile L.
STAR 6 7060(8)
CORNISH MTN
EML 3 4684(3)
DIANA 2 7957(9)
SOPHIE 8811(10)
HARD 5319(11)
DIANA 3 7958(9)
Island Gulch
ISLAND 5318(11)
WHIPSAW
DELCON
ACE
YUMA 926 (2)
Downey Cr.
Downey Pass
Martin Cr.
Willow
NELSON 7505(4)
Willow 8475
NL #4 7688(5)
NL #3 7687(5)
NL #1 7685(5)
Coulter Cr.
Sleepy Cr.
ISLAND MTN
Red Gulch
Peep O'Day
Wells (P.O.)
BUZ 2 5171(9)

Table 1 lists the particulars of the claims, which comprise the Wells Group. As of February 12, 1988 all claims were owned by K.V. Campbell but were in the process of being transfered to Wells Gold Ltd. of Vancouver, B.C.

Table 1. Claim Particulars

Claim Name	Record No.	Units	Recording Date
Whipsaw 1 - 8	1881-1888	8	August 25, 1980
Island	5318	2	Nov. 9, 1983
Hard	5319	8	Nov. 9, 1983
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1.3 History

1.3.1 Regional

The Cariboo district is one of the oldest gold mining camps in British Columbia, the first prospectors arriving c.1858. The early miners worked placer deposits but by the 1880's gold-quartz veins were being mined.

The property lies in the northern section of the Barkerville Gold Belt, a northwest alignment of gold-quartz veins, gold-bearing pyrite ore bodies and placer deposits.

Historical lode gold mines located along this belt 4 to 18 km southeast of the Wells property were the Williams Creek,

Canusa, Island Mtn. and Cariboo Gold Quartz Mines. Gold was won from both gold-quartz veins and pyritic replacement bodies in limestone. The Cariboo Gold Quartz and Island Mtn. Mines produced 1.2 million ounces of gold between 1933 and 1967. The only active mine in the area today is the Mosquito Creek Mine 2 km southeast of the Wells property which has had intermittent operation since 1980, producing some 19,300 ounces of gold from pyritic ore with a head grade of about 0.45 oz/ton (The Mosquito Creek Gold Mining Co. Ltd., Annual Report 1986). Another old mine in the area was the Hardscrabble Tungsten Mine, located near the mouth of Hardscrabble Creek.

1.3.2 Property

The earliest reported work on what are the Whipsaw claims is a description of the Mystery and Little Chief prospect (B.C. Minister of Mines Annual Report, 1903), located near the boundary of Whipsaw 3 and 6. Three adits are reported, a 12 ft wide quartz vein having been drifted on. An assay of $3/ton Au is given, which is equivalent to 0.14 oz/ton. Also interesting is the mention of native tin, found at the contact of the quartz vein with slates.

The Whipsaw claims were staked in 1980 because of their location along strike from gold mineralization at the Mosquito Creek mine. In 1980 and 1981 the streams were prospected and a reconnaissance VLF-EM16 survey performed (Campbell and Campbell, 1981). This work was successful in delineating geological trends and the critical quartzite-phyllite contact on the overburden covered property. In the fall of 1981 and spring of 1982, a reconnaissance geochemical soil survey was done (Campbell, 1982). Arsenic alone was analysed. The

results indicated that there are soils with anomalous arsenic distributed across the central part of the claims, approximating the regional northwest strike.

In February, 1983, Northgane Minerals Ltd. (later General Minerals Corporation) of Calgary optioned the Whipsaw property from Mr. Campbell. In 1984 they undertook geological mapping and geochemical soil sampling (Lawrence, 1984). This work confirmed the presence of multielement (As,Au,Pb,Ag) geochemical anomalies along the rock contact interpreted from the earlier geophysical survey.

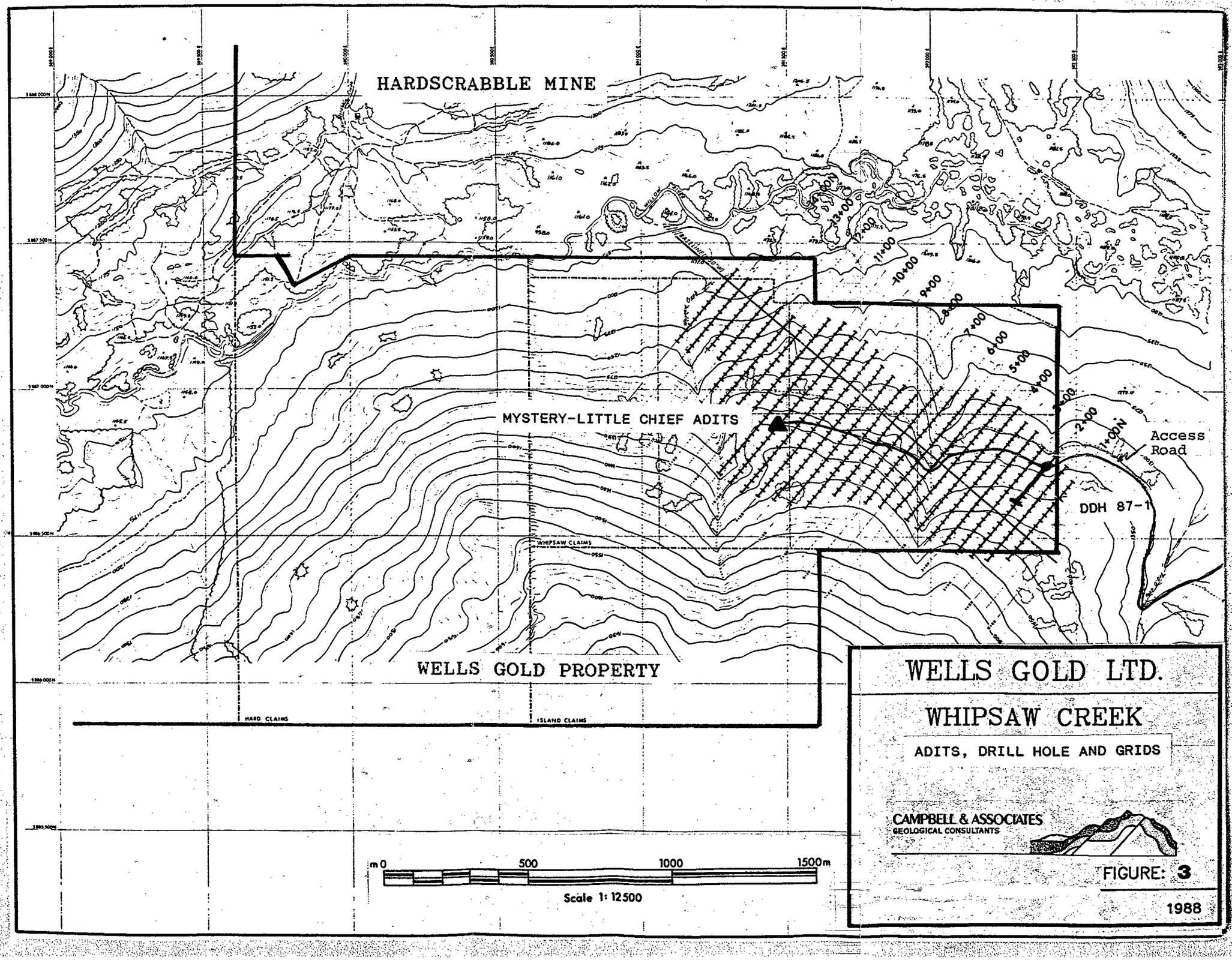
1.4 1987 Work Summary

In the fall of 1987 Wells Gold Ltd. was formed. This company entered into a joint venture agreement with Mr. Campbell in October and commenced the 1987 work program on the property. This included remedial work on the track along the old hydraulic ditch and the drilling of a single diamond drill hole.

2 PHYSICAL WORK

The rough track extending northwesterly along an old hydraulic ditch from Peep O'Day Creek was upgraded with a D-8-K Cat contracted from N. Purmal Contracting in Quesnel. The work extended from October 10 to 14, 1987. A distance of about 3,800 m was made suitable for 4x4 vehicles in dry or frozen conditions. Log culverts and a single metal culvert were placed where necessary. The width of the access road is about 5 to 6 m.

Figure 3 shows the location of this access road.


HARDSCRABBLE MINE
MYSTERY-LITTLE CHIEF ADITS
WELLS GOLD PROPERTY
WHIPSAW CREEK
HARD CLAIMS
ISLAND CLAIMS
Access Road
DDH 87-1
m 0
500
1000
1500m
Scale 1: 12500
WELLS GOLD LTD.
WHIPSAW CREEK
ADITS, DRILL HOLE AND GRIDS
CAMPBELL & ASSOCIATES
GEOLOGICAL CONSULTANTS
FIGURE: 3
1988

3 DIAMOND DRILLING

1 FT = 0.305m

A single diamond drill hole was sited alongside the access road on Line 2+00N, 2+25E, (Figure 3). It was drilled by Roger's Drilling Services Inc. of Vancouver, B.C. between October 31, 1987 and November 7, 1987. The size of the hole was NQ (1 7/8"). It was inclined at -45° on a bearing of 220° and reached a depth of 219 m (719 ft). The collar elevation is estimated from topographic maps to be 1,325 m. The core is stored at the offices of K.V. Campbell & Associates Ltd. in Wells.

Drill logs are given in Appendix I. Some selected pieces of mineralization were analysed by 30 element ICP plus gold by atomic absorption. These are notated on the logs and presented in Appendix II. Analyses were by ACME Analytical Laboratories Ltd. The analytical method is given in Appendix III.

The hole was spotted to test for the source of gold and arsenic soil geochemical anomalies, centered on Line 2+00N, 0+75E, and to test for limestone near the geological contact inferred from previous work.

A summary of the core log follows:

0- 10 ft: Overburden

10- 58 ft: QUARTZITE, SERICITE SCHIST. Light gray to buff, fine grained and micaceous

58-100 ft: LIMY SERICITE SCHIST, poor recovery, possibly calcareous quartzites or limy phyllites. Fossiliferous. Up to 20% pyrite in thin but massive bands.

100-119 ft: FAULT GOUGE, gray to black, possibly faulted black phyllite.

119-125 ft: QUARTZITE, chlorite and sericite schist.

125-178 ft: FAULT GOUGE, with sheared sericite schist

178-194 ft: PHYLLITE, green chlorite and sericite schist

194-255 ft: QUARTZITE, dark gray, limy

255-425 ft: QUARTZITE, pale green to gray, micaceous or phyllitic, possibly talcose. Dolomite porphyroblasts common.

425-430 ft: FAULT GOUGE

430-480 ft: QUARTZITE, light to dark gray, dolomite porphyroblasts

480-488 ft: FAULT GOUGE

488-541 ft: QUARTZITE, tan to gray, phyllitic and dolomitic. Several quartz veins to 1 ft thick.

541-703 ft: LIMESTONE, mostly white to light gray, interbedded with dolomitic quartzite and micaceous quartzite. Occasional laminae of fine pyrite.

703-719 ft: FAULT GOUGE, fragments of vein quartz and green gritty phyllite (meta-tuff?).

719 ft: End of Hole (219 meters)

The most interesting mineralization is from 65.5 to 100 ft. In this section, from which recovery was poor, limestones and limy phyllites contain thin fossil horizons and thin but massive bands of fine pyrite. Two sections of the broken core were analysed, with the following results.

Depth	Interval	Gold (ppb)	Arsenic (ppm)
65.5-80'	14.5'	112	174
80-95.5'	15.5'	305	375

These values are similar to those encountered in the soil anomalies, which project down the local dip to the vicinity of the mineralized sections.

Of great exploration interest was the intersection of more than 150 ft of limestone with finely laminated, fine grained pyrite. This type of mineralization is very similar to that seen in the limestone units at Mosquito Creek mine to the southeast. Further drilling is required to determine details of the stratigraphy in this much faulted region.

4 ITEMIZED COST STATEMENT

Access Road Rebuilding October 10 to 4, 1987

N. Purmal Contracting; D-8-K, 33½ hours @ $120/hr	$	4,020.00
Culverts and coupling	$	373.05
Falling and bucking; D. Brown 2 days @ $175/day	$	350.00
Total	$	4,743.05

Drilling - October 31 - November 9, 1987

Roger's Drilling Services Inc.	$	20,212.80
Drill mobilization, demobilization	$	3,825.00
Drill moves; N. Purmal Contracting; D-8-K, 57½ hours @ $120/hour	$	6,900.00
Cat mobilization, demobilization	$	526.00
Geologist; N. Gibson, 4 days @ $150/day	$	600.00
4x4 truck rental	$	377.67
Fuel	$	149.53
Accomodation	$	189.00
Meals	$	81.35
Analyses; 9 @ $13.80	$	124.25
Courier	$	6.00
Lapidary	$	22.00
Fees: K.V. Campbell, Supervision and reporting, October 10 to November 9, 1987; 10 days @ $150	$	1,500.00
Total	$	34,513.60
Total 1987 program	$	39,256.65

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6 CERTIFICATE

I, KENNETH VINCENT CAMPBELL, resident of Wells, Province of British Columbia, hereby certify as follows:

1. I am a Consulting Geologist with an office at the corner of Blair and Dawson Avenues, Wells, B.C.

2. I graduated with a degree of Bachelor of Science, Honours Geology, from the University of British Columbia in 1966, a degree of Master of Science, Geology, from the University of Washington in 1969, and a degree of Doctor of Philosophy, Geology, from the University of Washington in 1971.

3. I have practiced my profession for 22 years. I am a Fellow of the Geological Association of Canada (F0078).

4. I am an officer and director of WELLS GOLD LTD. and have a direct interest in the shares and business of that company.

5. This report, dated February 25, 1988 is based on my geological field work, examination of available reports, supervision of drilling and road work on the claims between October 10 and November 9, 1987 and subsequent report preparation.

DATED at Vancouver, Province of British Columbia this 25th day of February, 1988.

K.V. Campbell

K.V. Campbell, Ph.D.
Geologist

APPENDIX I

Drill Log

DDH 87-1

DIAMOND DRILL REPORT WHIPSAW CLAIMS — HOLE No. DDH 87-1 — CORE DIAMETER 1 7/8"

GRID REFERENCE N 2+00 N E 2+25E — ELEVATION ____ — STICKUP ____ — PLUNGE -45 — DIRECTION 220

TOTAL DEPTH 719' — DATE HOLE STARTED Nov.3/87 — FINISHED Nov.6/87 — DRILLED BY Roger's Drilling

LOGGED BY K.V. Campbell

DEPTH From	DEPTH To	SAMPLE	CORE ASSAY Au ppb	CORE ASSAY Ag ppm	CORE ASSAY As ppm	CORE RECOVERY	FOLIATION	CORE DESCRIPTION
						40%		Box 1 0-60'
								0-10' - overburden
							90/ca	10-65½' QUARTZITE; light gray, fine grained, micaceous, phyllitic partings
						40%		Box 2 60-111'
65½	80'		112	2.7	174			65½-95½ QUARTZITE; light to medium gray, fine grained, becoming calcareous pebble conglomerate at base, with abundant very fine grained pyrite in laminations. Occassional quartz stringer. Fossils(?)
80	95½'		305	0.9	375			
								95½-115½ fault gouge; black to gray, 3" fragment of vein quartz at 105'
						50%		Box 3 111-151'
								115½-124' QUARTZITE; light gray, coarse grained
	140½'		260	1.2	301			124-175½' fault zone; mostly gouge but includes brecciated light colored LIMESTONE with fine disseminated pyrite and fine pyrite laminations @ 140½'. Other fragments are black phyllite @ 146-148', vein quartz @ 161-162', 169', 175½'
						91%		Box 4 151-173'
						87%		Box 5 173-196½'
								175-190' QUARTZITE; dark green to gray, thinly laminated, includes quartz laminations

DIAMOND DRILL REPORT WHIPSAW CLAIMS HOLE No. DDH 87-1 CORE DIAMETER 1 7/8"

GRID REFERENCE N 2+00 N E 2+25E ELEVATION _____ STICKUP _____ PLUNGE -45 DIRECTION 220

TOTAL DEPTH 719' DATE HOLE STARTED Nov.3/87 FINISHED Nov.6/87 DRILLED BY Roger's Drilling

LOGGED BY K.V. Campbell

DEPTH From	DEPTH To	SAMPLE	CORE ASSAY Au ppb	CORE ASSAY Ag ppm	CORE ASSAY As ppm	CORE RECOVERY	FOLIATION	CORE DESCRIPTION
								190-196½' LIMESTONE; dark gray, fine grained, streaked with quartz
						100%		Box 6 196½-216'
								196½-205' interbedded LIMESTONE, calcareous PHYLLITE, fine QUARTZITE
								205-209' QUARTZOSE GRIT; gray, coarsely laminated coarse grained, with quartzite pebbles
								209-225' QUARTZITE; dark green gray, interbedded with dark gray, calcareous phyllitic SILTITE, fine grained, thinly laminated.
								2" QUARTZ VEIN @ 224', 225'
						71%		Box 7 216-244'
								225-227' fault gouge
							50/ca	227-240' QUARTZITE; fine grained, thinly laminated dark gray
								240-245' QUARTZITE; gray to greenish gray, thinly laminated, includes about 20% cream colored dolomite porphyroblasts to ½ cm
						95%		Box 8 245-265'
								245-255½' QUARTZITE; dark gray, fine to medium grained GRIT,

DIAMOND DRILL REPORT WHIPSAW CLAIMS HOLE No. DDH 87-1 CORE DIAMETER 1 7/8"

GRID REFERENCE N 2+00 N E 2+25E ELEVATION _____ STICKUP _____ PLUNGE -45 DIRECTION 220

TOTAL DEPTH 719' DATE HOLE STARTED Nov.3/87 FINISHED Nov.6/87 DRILLED BY Roger's Drilling

LOGGED BY K.V. Campbell

DEPTH From	DEPTH To	SAMPLE	CORE ASSAY Au ppb	CORE ASSAY Ag ppm	CORE ASSAY As ppm	CORE RECOVERY	FOLIATION	CORE DESCRIPTION
								3" QUARTZ VEIN @ 252', pyrite coating on fracture surface
								255½-287' QUARTZITE; pale greenish gray, fine grained, scattered dolomite porphyroblasts, finely laminated
						91%		Box 9 265-287'
						69%		Box 10 287-316'
								287-335' QUARTZITE; silvery pale green, talcose, with chlorite laminations, scattered dolomite porphyroblasts
						65%		Box 11 315-346½'
								335-335½' QUARTZITE; white, fine grained, pyrite disseminated and in fractures
								335½-344' QUARTZITE; light greenish gray, dolomite porphyroblasts and talcose partings
								344-344½' QUARTZITE; white,fine grained
								344½-402' QUARTZITE; light greenish gray, dolomite porphyroblasts and talcose partings
								1" QUARTZ VEIN @ 346½'
						80%		Box 12 346½-371½'

DIAMOND DRILL REPORT WHIPSAW CLAIMS HOLE No. DDH 87-1 CORE DIAMETER 1 7/8"

GRID REFERENCE N 2+00 N E 2+25 E ELEVATION _____ STICKUP _____ PLUNGE 45 DIRECTION 220

TOTAL DEPTH 719' DATE HOLE STARTED Nov.3/87 FINISHED Nov.6/87 DRILLED BY Roger's Drilling

LOGGED BY K.V. Campbell

DEPTH From	DEPTH To	SAMPLE	CORE ASSAY Au ppb	CORE ASSAY Ag ppm	CORE ASSAY As ppm	CORE RECOVERY	FOLIATION	CORE DESCRIPTION
						77%		Box 13 371½-397'
						71%		Box 14 397-425'
								402-404' QUARTZ VEIN; white, massive, chlorite along fractures
							90/ca	404-425' QUARTZITE; pale greenish gray to silvery gray, dolomite porphyroblasts and talcose partings
						42%		Box 15 425-472'
								425-430' fault gouge
							30/ca	430-440' QUARTZITE; dark gray, fine grained, with gray phyllite partings, finely laminated
								440-472' QUARTZITE; gray, coarse dolomite porphyroblasts
						87%		Box 16 472-495'
								472-475' fault gouge
								475-480' QUARTZITE; light gray, fine grained, gritty
								480-488' fault gouge
								488-494' QUARTZITE; dolomitic, tan, finely laminated, fine grained with occassional 3-4 mm thick lamination of fine grained pyrite

DIAMOND DRILL REPORT WHIPSAW CLAIMS HOLE No. DDH 87-1 CORE DIAMETER 1 7/8"

GRID REFERENCE N 2+00 N E 2+25E ELEVATION _____ STICKUP _____ PLUNGE 45 DIRECTION 220

TOTAL DEPTH 719' DATE HOLE STARTED Nov.3/87 FINISHED Nov.6/87 DRILLED BY Roger's Drilling

LOGGED BY K.V. Campbell

DEPTH From	DEPTH To	SAMPLE	CORE ASSAY Au ppb	CORE ASSAY Ag ppm	CORE ASSAY As ppm	CORE RECOVERY	FOLIATION	CORE DESCRIPTION
								494-495' QUARTZ VEIN
						80%		Box 17 495-520'
								495-497' QUARTZITE; dolomitic, tan, finely laminated, tan and dark gray banded
								497-503' QUARTZITE; pale gray, phyllitic
								503-530½ QUARTZITE; dolomitic, fine banded, tan and gray laminations, dolomite porphyroblasts in places, somewhat phyllitic
								QUARTZ VEIN @ 510'-511'
								512-513' rock is brecciated
						80%		Box 18 520-545'
								530½-531¼' QUARTZ VEIN; dense, white, fine pyrite in stringer 2-3 mm wide
								531¼-541' QUARTZITE; dark gray, phyllitic, very broken @ 534'
	544'		17	0.6	71			541-545' LIMESTONE; dark gray, brecciated, banded, abundant fine grained pyrite disseminated @ 544'
								545-554' LIMESTONE; white, very fine grained, banded with dark gray LIMESTONE, fine laminations of pyrite @ 548½-549'
548½	549'		1	0.8	15			

DIAMOND DRILL REPORT WHIPSAW CLAIMS HOLE No. DDH 87-1 CORE DIAMETER 1 7/8"

GRID REFERENCE N 2+00 N E 2+25E ELEVATION _____ STICKUP _____ PLUNGE -45 DIRECTION 220

TOTAL DEPTH 719' DATE HOLE STARTED Nov.3/87 FINISHED Nov.6/87 DRILLED BY Roger's Drilling

LOGGED BY K,V. Campbell

DEPTH From	DEPTH To	SAMPLE	CORE ASSAY Au ppb	CORE ASSAY Ag ppm	CORE ASSAY As ppm	CORE RECOVERY	FOLIATION	CORE DESCRIPTION
								Box 19 545-565'
								554-559' QUARTZITE; dolomitic, pale gray, fine grained, finely laminated
								559-645' LIMESTONE; dark gray to white, banded, finely laminated, crosscut by quartz veins; variations as follows:
								570' - 6" QUARTZ VEIN
580	580¼'		1	0.8	31			580' - striped limestone, 1 cm QUARTZ VEIN and thin lamination of fine pyrite
								574-575' - fault gouge
								622' - interbed of greenish gray phyllitic LIMESTONE
	623'		45	0.6	15			623-624' - abundant fine pyrite in dolomitic LIMESTONE
	640½'		3	0.7	20			640½' - finely laminated LIMESTONE with pyrite laminations.
	643'		8	1.6	54			641-645' - LIMESTONE; white, banded, with 1" layer of pyrite which is finely laminated and fine grained
						100%		Box 20 565-582'
						91%		Box 21 582-604½'
						100%		Box 22 604½-624'
						100%		Box 23 624-641'

DIAMOND DRILL REPORT WHIPSAW CLAIMS HOLE No. DDH 87-1 CORE DIAMETER 1 7/8"

GRID REFERENCE N 2+00 N E 2+25 E ELEVATION _____ STICKUP _____ PLUNGE -45 DIRECTION 220

TOTAL DEPTH 719' DATE HOLE STARTED Nov.3/87 FINISHED Nov.6/87 DRILLED BY Roger's Drilling

LOGGED BY K.V. Campbell

DEPTH From	DEPTH To	SAMPLE	CORE ASSAY Au ppb	CORE ASSAY Ag ppm	CORE ASSAY As ppm	CORE RECOVERY	FOLIATION	CORE DESCRIPTION
						100%		Box 24 641-659'
								645-649' QUARTZITE; greenish gray, phyllitic, 2-3% fine grained pyrite
								649-660' interbedded LIMESTONE; white to gray, similar to that above, and phyllitic QUARTZITES; green, fine grained
								660-671' QUARTZITE; dark green, fine grained
								671-679' LIMESTONE; light gray, fine grained
								679-700' VOLCANICLASTIC (?); dark green, fine grained, finely laminated, phyllitic
						87%		Box 25 659-682'
						77%		Box 26 682-708'
								Box 27 708-719'
								700-703' LIMESTONE; gray, fine grained, similar to that above
								703-719' fault gouge and breccia, with fragments of LIMESTONE and green PHYLLITE
								END OF HOLE AT 719'

APPENDIX II

Analyses Certificate

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: NOV 9 1987 DATE REPORT MAILED: Nov 19/87 ASSAYER.. D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

CAMPBELL & ASSOCIATES File # 87-5535

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
87-1 65.5-80.0	12	82	42	314	2.7	36	22	1078	9.11	174	5	ND	2	147	3	2	2	7	6.50	.133	2	2	1.07	31	.01	2	.53	.03	.05	1	112
87-1 80.0-95.5	4	104	11	117	.9	8	17	1256	7.96	375	5	ND	2	185	1	2	2	8	8.28	.126	2	1	1.04	39	.01	2	.34	.02	.06	1	305
87-1 140.5	5	60	40	29	1.2	6	15	1287	8.83	301	5	ND	3	154	1	2	2	10	6.85	.105	3	1	.84	26	.01	4	.23	.06	.06	1	260
87-1 544	2	15	18	46	.6	15	26	1233	6.96	71	5	ND	3	313	1	2	2	18	9.36	.063	3	1	1.72	24	.01	2	.19	.02	.05	1	17
87-1 548.5-549	1	11	17	17	.8	3	4	762	1.73	15	5	ND	2	992	1	2	2	2	30.24	.012	2	1	.24	11	.01	2	.02	.01	.01	1	1
87-1 580	1	34	12	60	.8	16	8	531	2.75	31	5	ND	7	585	1	2	2	2	14.64	.019	8	2	.69	26	.01	2	.19	.01	.09	1	1
87-1 623	1	32	6	13	.6	4	3	2079	3.98	15	5	ND	2	857	1	2	2	1	30.66	.016	2	1	.39	16	.01	2	.10	.01	.01	1	45
87-1 640.5	1	551	11	11	.7	5	3	1135	2.30	20	5	ND	1	703	1	2	3	1	29.20	.013	2	1	.29	9	.01	2	.04	.01	.01	1	3
87-1 643	2	988	13	42	1.6	48	26	1449	10.71	54	5	ND	1	288	1	5	2	4	15.10	.033	2	2	1.21	20	.01	2	.17	.01	.07	1	8
STD C/AU-R	20	58	39	133	7.6	68	27	1042	4.05	41	19	7	38	50	18	17	20	57	.48	.088	38	59	.84	180	.08	32	1.82	.08	.14	12	485

APPENDIX III

Analytical Procedures

Analytic Procedures

ACME Analytical Laboratories Ltd.

1. Rock samples are crushed, dried and pulverized to -100 mesh.

2. A 0.50 gram portion of the sample is digested with 3 mls of 3:1:2 $HCl-HNO_3-H_2O$ at 95°C for one hour and is diluted to 10 ml with water. This leach is near total for base metals, partial for rock forming elements and very slight for refractory elements.

3. Inductively coupled argon plasma (ICP) technique was used. The dectection limits are Ag - 0.1 ppm; Zn - 1 ppm; As, Bi, Pb- 2 ppm, Fe - 0.01%.

4. Gold geochemical analysis used a 10 gm sample ignited at 600°C, digested with hot aqua regia, extracted by MIBK, analysed by graphitic furnace AA. The detection limit is 1 ppb.