

ASSESSMENT REPORT

DEB-LU GROUP

TITLE: Analyses of Drill Core From
Roger's Creek Area, Port Alberni, B.C.

CLAIMS WORKED: Debbie 3; 453(5)

WORK APPLIED TO: Lucy 2; 373(5) and Lucy 3; 374(5)

LOCATION: Alberni ~~and Victoria~~ Mining Division
NTS: 94F/2E
Latitude: 49°14'N
Longitude: 124°42'W
Roger's Creek area 7 km east of Port Alberni,
Vancouver Island, B.C.

OWNER OF CLAIMS: Westmin Resources Limited

OPERATOR OF CLAIMS: Westmin Resources Limited

AUTHOR: Richard Walker

DATE SUBMITTED: July 31, 1986

GEOLOGICAL BRANCH
ASSESSMENT REPORT

86-470

15,023

MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES	
Rec'd	JUL 31 1986
SUBJECT	_____
FILE	_____
VANCOUVER, B.C.	

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INTRODUCTION

GENERAL

This report deals with assays and geochemical analyses performed on rock samples of drill core from the Roger's Creek area on claim Debbie 3; 453(5). The core is from three diamond drillholes, R.C.1 to R.C.3, drilled in December 1984 as detailed in a previous assessment report by R. Walker and Dr. G. Benvenuto submitted July 31, 1985. This core was not sampled and analyzed until late 1985 due to ongoing property negotiations.

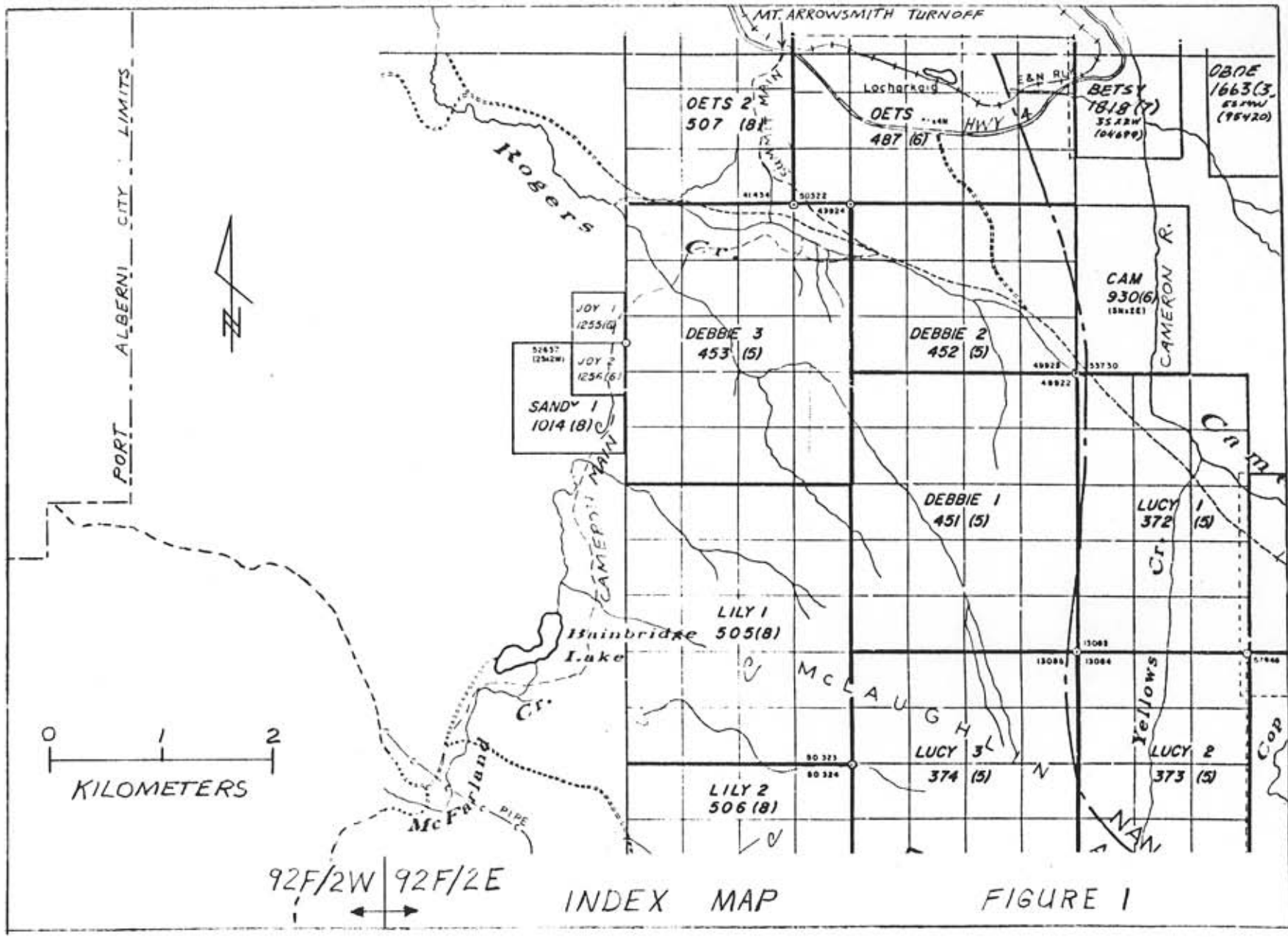
LOCATIONS

The analyses described in this report is from core drilled in the Roger's Creek area on claim Debbie 3; 453(5). This site is 7 km due east of Port Alberni, B.C. near the junction of MacMillan Bloedel's logging roads, Cameron Main and Summit Main. This junction is reached by following Highway 4, 8 km east from Port Alberni to Summit Main Road (also called the Mt. Arrowsmith turn-off). The junction with Cameron Main Road is 2.4 km south along Summit Main Road (Figure 1).

PROPERTY

This assessment work is applied to the claims Lucy 2 and Lucy 3 which are part of the Deb-Lu Group of claims. The claims comprising the Deb-Lu Group are listed below:

Claim	Record No.	Units	Record Date
Debbie 1	451(5)	20	May 2, 1979
Debbie 3	453(5)	20	May 2, 1979
Lucy 2	373(5)	12	May 2, 1979
Lucy 3	374(5)	16	May 2, 1979
COP	1002(8)	10	August 24, 1987



12

The Deb-Lu Group comprises part of a larger group of contiguous claims owned by Westmin Resources Limited which has been called the McLaughlin Ridge Property in previous assessment reports.

GENERAL GEOLOGY

The area of the Deb-Lu Group is underlain by rocks of the Paleozoic Sicker Group. Porphyritic mafic volcanic rocks predominate and include massive and pillowed phases, pillow breccia and resedimented volcanoclastics. Subordinate felsic volcanics and volcanoclastics as well as cherty and argillaceous sediments are intercalated in the mafic sequence. These rocks have been metamorphosed and folded under conditions close to the lower greenschist facies. Post-metamorphic block faults are common.

The area exhibits potential for volcanic hosted massive sulfide deposits similar to those at Buttle Lake, 75 km to the northwest. Additional potential exists for volcanogenic gold deposits which may be related to massive sulfide systems. Epigenetic gold deposits are also known in the area as exemplified by the past productive Vancouver Island Gold Mine located 7 km southeast of the work area.

Most of the analytical data in this report are from drill core from hole R.C.1 which penetrated a major north-northwest striking alteration zone characterized by pyritic sericite-chlorite-carbonate schist which contains a central zone bearing minor to a few percent gypsum (Figure 2).

WORK HISTORY

Westmin Resources Limited (formerly Western Mines Ltd.) has held claims in the area of the Debbie Group for various periods since 1973. The current program began in 1979 and has included geological mapping, soil geochemistry, rock geochemistry, induced polarization surveys and Crone pulse electromagnetic surveys. These surveys are detailed in a previous assessment report by G. Benvenuto submitted February, 1982.

Core logs and detailed geology of the drillholes analyzed for this report are contained in an assessment report by R. Walker and Dr. G. Benvenuto submitted July 31, 1985.

GEOCHEMICAL REPORT

SAMPLING AND ANALYSIS

Seventy-seven samples were taken from holes R.C.1, R.C.2 and R.C.3 by continuous splitting of the sample intervals. All were analyzed by Chemex Labs Ltd. of Vancouver. All were assayed for Au and Ag by fire assay. Two samples were assayed for Zn, one sample was assayed for Cu and Pb, and one sample was assayed for Sb (neutron activation). All other analyses were by geochemical methods and are reported in ppm. Complete results are listed in Tables 1 to 3.

A continuous alteration mineral summary is listed in Table 4.

The certificate of analyses is contained in Appendix I.

RESULTS

The analytical data on samples from the pyritic sericite chlorite-carbonate ± gypsum, schistose alteration zone intersected in hole R.C.1 are in general disappointing. The highest gold assay is 0.006 oz. Au/T from a 1.3 m long sample at the top of the alteration zone at 206.9 m hole depth. No other sample contained more than 0.002 oz. Au/T. The location of this sample in relation to the alteration mineral zoning does suggest that this geochemical gold anomaly is geologically significant. It lies 10 m below the top of the pyritized zone and 9 m above the top of the non-effervescent carbonate (Fe-carbonate?) zone.

The most significant base metal bearing sample contained 0.002 oz. Au/T, 0.17 oz. Ag/T, 0.32% Cu, 0.04% Pb and 2.06% Zn over 0.6 m core length at a depth of 336 m in the approximate middle of the visible gypsum-bearing zone. The two samples adjacent this are geochemically anomalous in Zn with 1100 ppm

(6)

over 1.0 m above and 515 ppm Zn over 0.8 m below. This zinc anomaly is thus 2.4 m in core length with a Zn, Cu, Pb and Ag association. Geochemically anomalous zinc also occurs at 366.0 m (500 ppm over 0.2 m), at 367.2 m (328 ppm over 0.7 m), at 413.3 m (258 ppm over 0.1 m) and 269.6 m (322 ppm over 0.7 m).

Stibnite occurs over 1.3 m at a depth of 414.1 m. It occurs as a vein(?) of massive stibnite 1.1 cm thick with minor disseminated very fine stibnite in the adjoining wall-rock. A 7 cm sample centered on the vein contained 9.40% Sb which indicates 13 wt.% stibnite in the sample. The vein represents approximately 16 vol.% of the sample. This sample is not anomalous in any other element analysed except mercury (640 ppb). Adjoining samples indicate geochemically strongly anomalous (>50 ppm) Sb both above and below the stibnite vein for a total interval of 2.9 m beyond which samples were not analysed for Sb.

Most samples (58) were analysed for arsenic. Of these 26 could be considered anomalous at greater than 10 ppm As.

COST STATEMENT

1) Assays and Geochemical analyses Chemex Labs Ltd., Vancouver	\$1,700.00
2) Core Splitting and Sampling Cost S. Marlyn: Oct. 2, 3, 4, 17; Dec. 4, 1985 5 days x \$101.00/day	505.00
3) Data compilation - assays and alteration S. Marlyn: Jan. 27 to 31, 1986 5 days x \$101.00/day	505.00
4) Supervision, core logging, report R. Walker: Oct. 2, 1985 Jan. 27, 28; Feb. 6; July 30, 1986 5 days x \$300/day	1,500.00
5) Typing, reproduction P. Ferguson: July 31, 1986 1 day x \$150/day	150.00
	<hr/>
TOTAL	\$4,360.00
	<hr/> <hr/>

WESTMIN RESOURCES LIMITED



R.R. Walker
Exploration Manager - Vancouver Island

STATEMENT OF QUALIFICATIONS

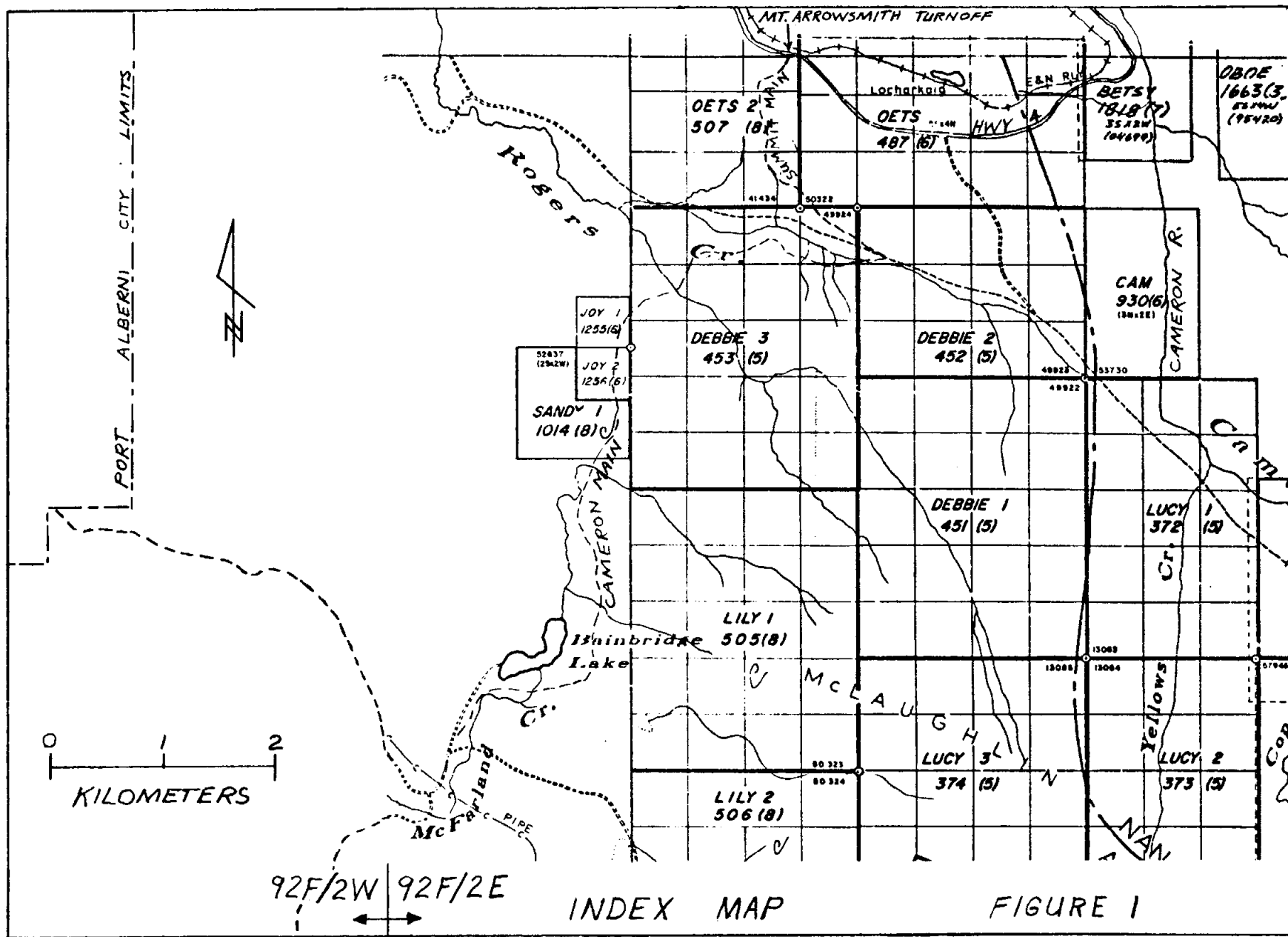
I, Richard R. Walker of the Town of Campbell River, B.C. hereby certify that:

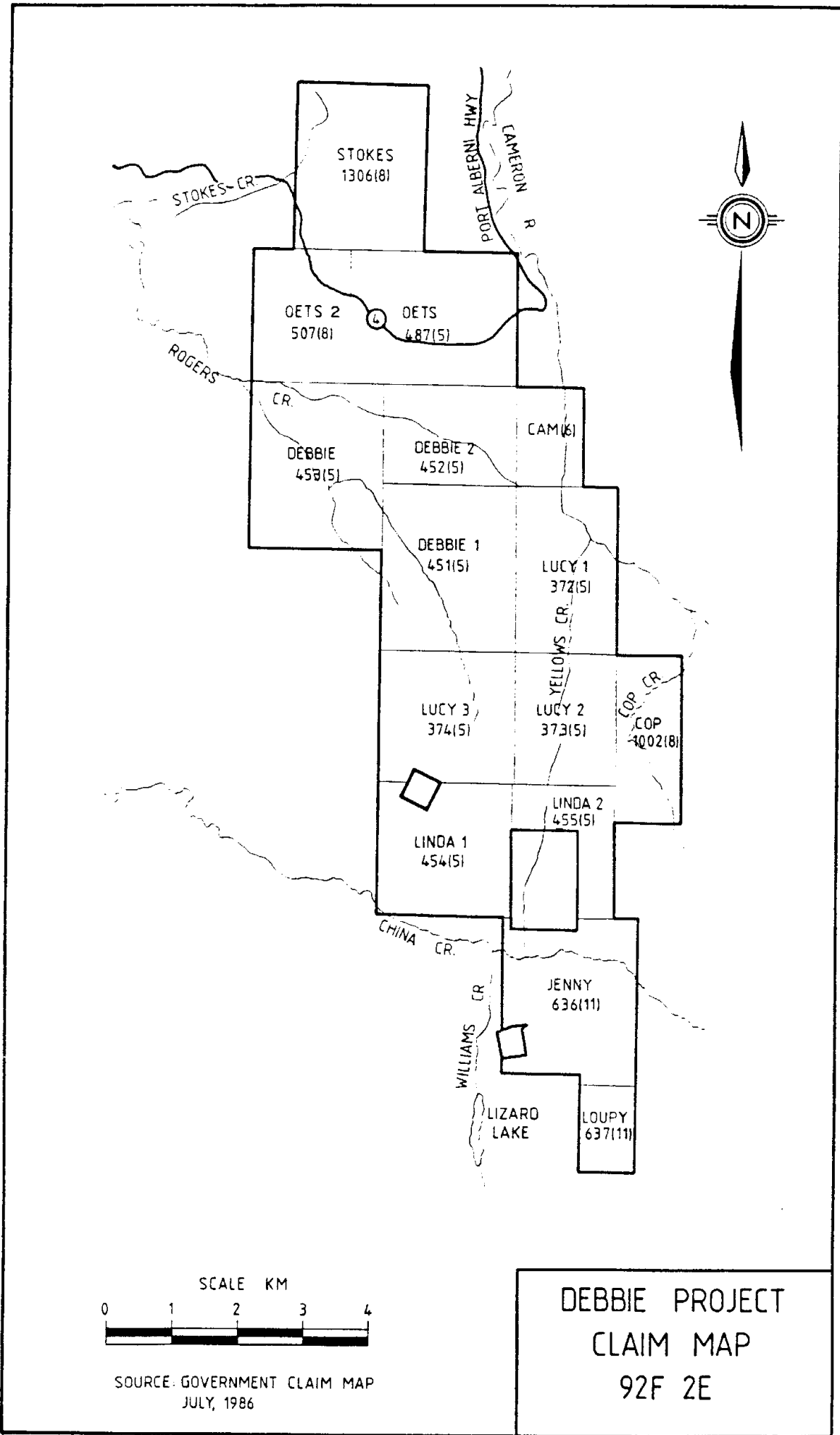
- 1) I am a geologist residing at Lot 5, Race Point Road, P.O. Box 183 Campbell River, B.C.
- 2) I graduated with a B.Sc. degree in geology in 1970 and an M.Sc. degree in geology in 1976 from the University of Alberta, Edmonton.
- 3) I am a Fellow of the Geological Association of Canada.
- 4) I have been a practicing geologist continuously since 1970 for various mining and exploration companies.
- 5) I am currently employed by Westmin Resources Ltd. in the position of Exploration Manager - Vancouver Island.

July 31, 1986



R. R. Walker



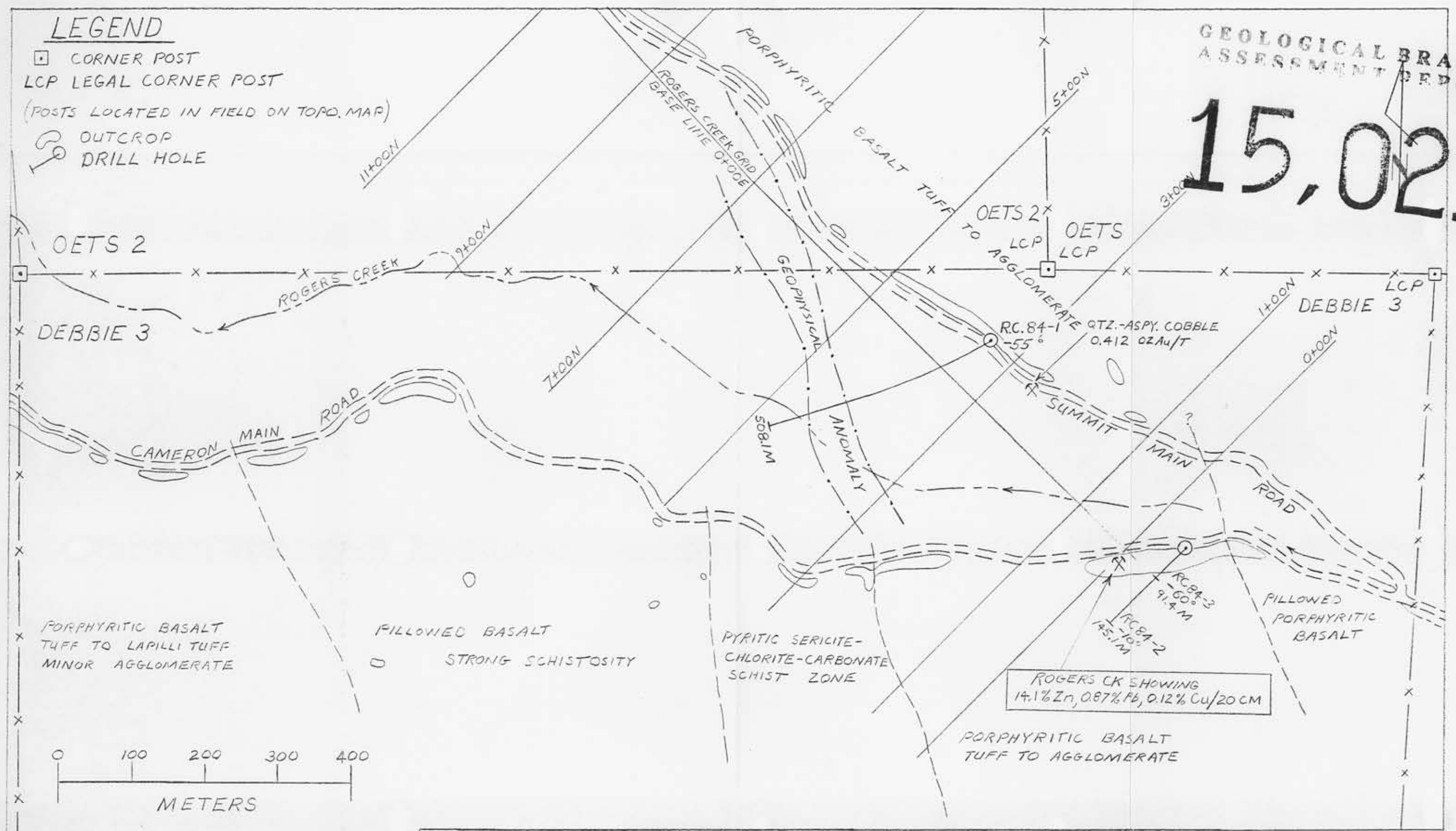


DEBBIE PROJECT
CLAIM MAP
92F 2E

15,023

LEGEND

- CORNER POST
- LCP LEGAL CORNER POST
- (POSTS LOCATED IN FIELD ON TOPO. MAP)
- OUTCROP
- DRILL HOLE



ROGERS CK SHOWING
14.1% Zn, 0.87% Pb, 0.12% Cu/20 CM

RRW JULY 1985

ROGERS CREEK DRILL HOLE PLAN PROJECTION : FIGURE 2

HOLE NO. RC-1

3066

FROM (m)	TO (m)	LENGTH (m)	SAMPLE NO.	Au (oz/t)	Ag (oz/t)	ppm unless specified as %.					
						Cu	Pb	Zn	As	Sb	Ba
281.3	282.7	1.4	33530	<0.002	0.03	95	123	126	6	-	700
282.7	284.7	2.0	531	<0.002	0.03	185	12	141	20	-	810
284.7	286.7	2.0	532	<0.002	0.05	61	43	86	19	-	670
286.7	287.6	0.9	533	<0.002	0.03	40	10	140	9	-	220
287.6	288.0	0.4	534	<0.002	0.02	50	23	89	43	-	550
288.0	289.6	1.6	535	<0.002	0.02	58	8	92	19	-	640
289.6	291.1	1.5	536	<0.002	0.01	63	6	83	75	-	900
295.5	297.0	1.5	537	<0.002	0.01	53	8	115	11	-	640
304.4	305.9	1.5	538	<0.002	0.01	61	17	190	-	-	-
312.8	314.3	1.5	539	<0.002	0.01	57	6	84	-	-	-
322.5	324.0	1.5	540	<0.002	0.03	81	30	177	-	-	-
326.8	328.3	1.5	541	<0.002	0.03	101	17	134	-	-	-
335.0	336.0	1.0	542	<0.002	0.05	130	92	1100	-	-	-
336.0	336.6	0.6	543	0.002	0.17	0.32%	0.04%	2.06%	27	-	430

HOLE NUMBER RC-1: ALTERATION SUMMARY SHEET LOF 5

DEBBIE PROJECT: 1984 ROGERS CREEK DRILL PROGRAM

TABLE 4

FROM (m)	TO (m)	% PYRITE	% GYPSUM (N=Not Present)	CARBONATE ALTERATION	SERICITIZATION	REMARKS
3.1	13.1	None	N	Minor Cal.	Weak.	Qtz, Unit. Epid.
13.1	15.1	None	N	—	Mod.	Epid.
15.1	19.4	None	N	—	Mod.	Epid.
19.4	28.2	None	N	—	Weak-Mod.	Minor Chl. Mod. Epid. Chert?
28.2	35.8	None	N	—	Weak- Mod. (100% Strong)	Few % Qtz.
35.8	46.8	Tr.	N	Cal.?	Weak	Mod. Epid. Minor Qtz.
46.8	51.5	None	N	—	Weak.	Mod. Epid.
52.3	65.4	None	N	—	Weak	Minor Epid. Chert clast.
65.4	65.75	None	N	—	Mod-Strong.	Mod Chl + Epid.
65.75	68.85	None	N	Minor Cal.	Mod.	Minor Qtz. Mod. Epid + chl.
68.85	69.7	None	N	—	None	'Bull' Qtz. Vein.
69.7	71.2	None	N	—	Mod?	
71.2	75.7	None	N	—	Mod.	Mod. Epid + Chl. Cpy?
75.7	85.5	Minor-0.5%	N	Cal. ~30% Minor Fe Carb?	Mod.	Minor Chl + Epid Cpy? 0.5% Qtz.
85.5	86.5	None	N	—	Mod-Strong	mod-Strong Chl.
86.5	93.9	Tr.	N	Cal. 0.5-1% Fe-Carb?	Mod.-Strong	Mod Chl. Minor Epid?
93.9	96.6	Tr-1%	N	—	mod-strong 2-5% Creamy Yellow Seric	Mod Epid. Minor Chl. Qtz.
96.6	101.6	Tr-0.5%	N	Minor Cal.	Weak-Mod.	Quartzose minor Mod. Epid. Chl.
101.6	105.9	Tr-Minor	N	Few % Cal.	Mod.-Strong	Mod-Major Chl. Few % Qtz.
105.9	140.0	Minor	N	Few % Cal.	Weak-Mod	Qtz filled kngs up to 15% (Minor overall) Minor Epid + Chl.

FROM (m)	TO (m)	% PYRITE	% GYPSUM (N=Not Present)	CARBONATE ALTERATION	SERICITIZATION	REMARKS
140.0	140.4	None	N	—	Strong	Major Epid. Qtz. Unit Minor Chl
140.4	146.6	None	N	< 1% Cal.	Weak-Mod	Mod. Epid Minor Chl. < 1% Qtz. in Vens. fractures
146.6	149.5	Tr.	N	Cal.	Strong	mod-Strong Chl. Minor Qtz + Epid.
149.5	161.0	0.5-1%	N	1-2% Cal.	Weak-Mod	minor Chl. minor Epid.
161.0	169.0	Tr-1% (up to 5%)	N	1% Cal. occ. Major	Mod. (V. Strong areas)	Mod. Epid Mod Chl. Qtz Units (Minor)
169.0	170.7	None	N	Few % Cal in Units	Mod.	Mod-Maj Chl.
170.7	185.7	None	N	~1% Cal in Units	Strong	Mod Chl. ~1% Qtz.
185.7	196.6	< 1%	N	Strong Cal. Alt + 1-2% Cal. Units	Mod-Strong	Mod-Maj Chl. Minor-Mod Epid. 1-2% Qtz. Units
196.6	203.0	1-2%	N	Strong Cal Alt. + 1% Cal Units	Weak	Minor in fractures Weak-Mod Chl. Weak-Mod Epid. 1% Qtz Units
203.0	203.7	3-5%	N	Strong Cal Alt. -V Strong	Weak	Some min. py
203.7	204.6	1-2%	N	2-3% Cal in Units	Weak	2-3% Qtz. in Units.
204.6	210.6	Tr-1% (Locally to 50%)	N	~1% Cal in Units	Weak	~1% Qtz. in units leucosene?
210.6	215.6	Minor-0.5%	N	~1% Cal in units Mod Cal. Alt.	Weak-Mod	Minor Chl. ~1% Qtz in units
215.6	218.5	0.5-2%	N	Fe Carb > Cal. Cal ~1% in Units	Strong	Minor Chl. ~1% Qtz. in Units
218.5	227.0	5%	N	Fe Carb > Cal Cal decreases downhole	Mod.	Quartzose Rock Tuchsite?
227.0	227.5	4-5%	N	1% Cal. frs Minor Fe Carb?	Weak-Mod	5% Chl-Seric. lam 90% Qtz.
227.5	227.9	3-5%	N	Strong Cal. Alt. Minor Fe Carb	Weak	Minor Chl. Strong Qtz Alt. (Silicified)
227.9	232.7	1-2%	N	1-2% Cal in Units	Mod-Strong	Mod Chl. 1% Qtz. in Units.
232.7	235.6	1-2%	N	Minor Cal	Weak	Minor Epid 1-3% Qtz Grains
235.6	236.8	2-5%	N	Minor Cal. Fe Carb?	Weak	Minor Qtz.

FROM	TO	% PYRITE	% GYPSUM (N=Not Present)	CARBONATE ALTERATION	SERICIT- IZATION	REMARKS
236.8	244.6	Minor-0.5%	N	~1% Cal in Units	Strong	Maj. Chl few% leucosene?
244.6	251.8	0.5-1%	N	Minor Cal Veinlets	Strong	Maj. chl. Leucosene? minor Qtz. units
251.8	252.5	2-4%	N	Minor Fe Carb?	Strong	Minor Chl. minor Epid? Maj. Qtz. Alt?
252.5	252.55	1-2%	N	—	Strong	Major Chl. Epid? 1-2% leucosene?
252.55	254.4	1-2%	N	Minor Cal.	Strong	mod Chl. Minor Qtz. Epid?
254.4	255.1	Tr?	N	Minor Cal Fractures	Strong	Maj. Chl (<Seric) 10-15% Qtz. Amgs. leucosene?
255.1	256.3	2-5%	N	Fe-Carb?	Strong	Maj. Chl (<Seric) minor Qtz. Epid?
256.3	262.4	0.5-1%	N	~1% Cal. in units	Strong	Maj. Chl (<Seric) Leucosene? ~10% Qtz. in units
262.4	263.8	0.5%	N	Minor-Mod Fe Carb	Strong	Minor Qtz. Fuchsite? Fe
263.8	265.8	5-15%	N	minor Fe-Carb	Mod-Strong	Maj. Qtz. Alt Gouge Seams
265.8	273.1	0.5-1%	Minor patches in Fractures	Several % Fe-Carb.	Strong	minor Qtz. Cpy? Gn? Sen? Fuchsite? ^{most}
273.1	276.8	Minor-0.5%	N	2% Cal. in Units Fe Carb down hole	Strong	Maj. Chl. (<Seric) Leucosene? Qtz. down hole
276.8	278.3	8-10%	2 patches?	Mod Fe Carb	Strong	10% Qtz. incl. Bull. Qtz. unit.
278.3	279.0	2-5%	N	~2% each Fe Carb. Cal Units.	Strong	Maj. Chl (<Seric) ~2% Qtz. Units Leucosene?
279.0	279.5	~5%? no number given	N	Fe Carb Alt.	Strong	Mod. Qtz.
279.5	280.3	2-10%	patches	minor Fe Carb	V. Strong	minor Qtz.
280.3	280.37	80% msv.	patches	Few % Fe Carb	V. Strong	minor Qtz.
280.37	281.3	2-5%	N	30% Fe Carb	V. Strong	3% Qtz.
281.3	282.7	Minor-1%	N	1-2% Fe Carb in fracs.	Strong	~5% Qtz < downhole
282.7	286.7	4-5%	4 patches	Major Fe Carb (up to 80%)	Mod.	2-15% Qtz.

FROM	TO	% PYRITE	% GYPSUM (N=Not Present)	CARBONATE ALTERATION	SERICIT- IZATION	REMARKS
286.7	287.6	4-5%	In fracs-minor	Major Fe-Carb	Strong	
287.6	288.0	2-4%	N	Completely Fe-Carb Altered	V. Weak	
288.0	291.1	Minor-0.5% (up to 7%)	~0.2%	V. WK-WK Fe Carb Altered	Strong	Few % Qtz.
291.1	294.2	0.5-4% (Overall ~2%)	patches	WK-Mod Fe Carb Altered	Mod-Strong	2-5% Qtz.
294.2	308.6	Minor=0.5%	~1%	15-25% Fe Carb	Strong -V. Strong	Minor Chl? Leucocene?
308.6	311.2	<1%	~1%	Major Fe Carb	Strong	Altered Dykes mod. Chl. leucocene?
311.2	320.0	Minor-0.1%	N	30-50% Fe-Carb Altered	Strong	Few % Qtz (Some) Fuchsite? Leucocene?
320.0	322.5	<1%	Minor-1% in fracs	Minor Fe-Carb	Strong	
322.5	328.3	>2%	minor	Increased Fe-Carb Alteration	Strong-	
328.3	335.0	<1%	N	Decreased Fe-Carb Alteration	Strong	Minor Qtz. Fuchsite?
335.0	336.0	Minor(10%)	N	Decreased Fe-Carb Alteration	Mod-Strong	Minor Chl Sph. on Cpy 336.0-336.6
336.0	336.6	3-5%	N	Major Fe-Carb Alteration	Strong	
336.6	338.5	1-3%?	N	minor Fe-Carb	Strong?	
338.5	363.0	0.5-10%	N	Few % Fe-Carb w/in seric. minor cal.	Strong	Mod. Chl 2-5% Bull Qtz Units leucocene?
363.0	367.2	5-7%	3% in patches	~5-10% Fe-Carb	V. Strong ~85%	Minor Chl 2-4% Qtz Sph?
367.2	367.9	1-5%	Few % in patches	mod Fe Carb	Strong	minor Chl leucocene?
367.9	377.0	0.5-1%	One Unit (Overall ~0.1%)	WK Fe-Carb (mod-strong in intervals) 2-3% Cal. Units	Strong	Mod Chl
377.0	383.1	3% (Variable)	Minor with Fe Carb + Cal + Qtz Units	Overall mod Fe-Carb (Variable) Alt. ~2% Fe Carb-Cal Units	Strong	Mod. Chl. leucocene? ~2% Qtz in units
383.1	388.0	4-6%	1-2%	~1% Cal. Units 1-2% Fe Carb Units	Strong	
388.0	389.3	3-4%	1%	Major Fe-Carb Alteration	Mod-Strong	Maj. Qtz. (+ Fe-Carb = 40-80%)

FROM	TO	% PYRITE	% GYPSUM (N=Not Present)	CARBONATE ALTERATION	SERICIT- IZATION	REMARKS
389.3	390.5	4-5%	1%			
390.5	391.7	5-6%	Few %	Strong Fe Carb.	Mod-Strong with Fe-Carb increas	Minor Chl. Minor Qtz.
391.7	393.4	7%	3-4%			
393.4	398.6	4-7%	≤ 0.5%	Weaker Fe Carb than above	Strong	Minor Qtz. 1-2% Chl. Gouge Seams.
398.6	401.8	0.5-8% (prop to Fe Carb)	N	non-strong Fe Carb (Variable) Cal. in fractures	Mod-Strong	Minor Chl.
401.8	407.9	4-8%	N	Mod Fe-Carb Alt 2% Fe-Carb Units (White)	Strong	Minor Chl. Few % Qtz. Fuchsite?
407.9	413.3	4-5%	N	Mod Fe Carb Alt 1-4% Fe Carb Venulets	Strong	Minor Qtz Fuchsite?
413.3	413.4	15% (in lenses)	N	Major Fe Carb Alteration	Strong?	sp?
413.4	414.0	4-5%	N	Mod Fe Carb Alteration	mod-strong?	minor Qtz?
414.0	414.8	1-3%	N	Major Fe Carb Alteration (seric)	Mod	Few % Qtz. Stg stibnite
414.8	414.87	~ 2%	N	Major Fe Carb Alteration	Mod.	Msu. stibnite minor Qtz. } Fuch site?
414.87	417.7	3%	N	Major Fe Carb Alteration	Mod.	Dis. stibnite. Minor Qtz.
417.7	419.4	3-5%	N	Major Fe Carb Alteration Minor Cal at bot.	Mod.	minor chl.
419.4	422.5	3-5%	N	Moderate Fe Carb Alteration Cal. inverse to Fe Carb	Strong	Minor 5% Qtz Few % Chl.
422.5	423.0	2%	N	Minor to mod. Fe Carb ~ 5%	Strong	few Qtz, Amg.
423.0	439.2	1-2%	N	Non-wk Fe Carb > Inverse Non-wk Cal	Strong	Mod. Chl. 1-2% Qtz units. Leucophaea
439.2	455.3	3-4%	N	Mod. Fe Carb Alt Minor-mod Cal.	Mod.	Minor-mod Chl. Minor Qtz.
455.3	473.5	1-2%	N	Non-Weak Fe Carb Weak-mod Cal. 1-2% Cal. Units	mod (Variable)	Mod Chl Chl. band 1% leucophaea
473.5	508.1	2-4%	N	Weak-mod Fe Carb v. weak mod Cal Inverse, prop to Fe Carb	Strong	Mod-Major Chl. 1-2% Qtz.



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

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CERTIFICATE OF ANALYSIS

TO : WESTMIN RESOURCES LTD.
WESTERN MINES DIVISION
P.O. BOX 8000
CAMPBELL RIVER, B.C.
V9W 5E2

DEC 24 1985

CERT. # : A8518847-001-A
INVOICE # : I8518847
DATE : 20-DEC-85
P.O. # : NONE

ATTN: R.R. WALKER

DEBBIE
ROGERS CREEK DRILL CORE

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	As ppm	Hg ppb	Sb ppm
33502	207	91	115	182	50	--	--
33503	207	17	74	70	9	--	--
33504	207	72	21	82	--	--	--
33505	207	145	20	114	--	--	--
33506	207	99	10	104	--	--	--
33507	207	106	13	85	--	--	--
33508	207	69	56	137	9	--	--
33509	207	87	95	101	12	--	--
33510	207	85	59	100	15	--	--
33511	207	101	44	64	10	--	--
33512	207	74	24	134	9	--	--
33513	207	10	0	62	--	--	--
33514	207	106	51	174	19	--	--
33515	207	52	103	06	6	--	--
33516	207	134	9	101	--	--	--
33517	207	141	12	220	3	--	--
33518	207	47	67	74	11	--	--
33519	207	40	7	173	--	--	--
33520	207	56	10	210	--	--	--
33521	207	93	117	322	14	--	--
33522	207	56	0	89	6	--	--
33523	207	64	61	207	--	--	--
33524	207	32	3	60	0	--	--
33525	207	21	7	145	6	--	--
33526	207	56	8	73	4	--	--
33527	207	49	4	82	5	--	--
33528	207	55	10	92	16	--	--
33529	207	83	6	84	32	--	--
33530	207	95	123	126	6	--	--
33531	207	185	12	141	20	--	--
33532	207	61	43	86	19	--	--
33533	207	40	10	140	9	--	--
33534	207	50	23	89	43	--	--
33535	207	58	8	92	19	--	--
33536	207	63	0	83	75	--	--
33537	207	53	8	115	11	--	--
33538	207	61	17	190	--	--	--
33539	207	57	0	84	--	--	--
33540	207	81	30	177	--	--	--
33541	207	101	17	134	--	--	--

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TO : WESTMIN RESOURCES LTD.
WESTERN MINES DIVISION
P.O. BOX 8000
CAMPBELL RIVER, B.C.
V9W 5E2

DEC 24 1985

CERT. # : A8519847-001-B
INVOICE # : I8518847
DATE : 20-DEC-85
P.O. # : NONE
NONE

ATTN: R.R. WALKER

Sample description	Prep code	Bi ppm	Ba ppm				
33502	207	--	120	--	--	--	--
33503	207	--	130	--	--	--	--
33504	207	--	--	--	--	--	--
33505	207	--	--	--	--	--	--
33506	207	--	--	--	--	--	--
33507	207	--	--	--	--	--	--
33508	207	--	580	--	--	--	--
33509	207	--	640	--	--	--	--
33510	207	--	620	--	--	--	--
33511	207	--	580	--	--	--	--
33512	207	--	740	--	--	--	--
33513	207	--	--	--	--	--	--
33514	207	--	590	--	--	--	--
33515	207	--	900	--	--	--	--
33516	207	--	--	--	--	--	--
33517	207	--	930	--	--	--	--
33518	207	--	760	--	--	--	--
33519	207	--	--	--	--	--	--
33520	207	--	--	--	--	--	--
33521	207	--	700	--	--	--	--
33522	207	--	690	--	--	--	--
33523	207	--	--	--	--	--	--
33524	207	--	580	--	--	--	--
33525	207	--	290	--	--	--	--
33526	207	--	550	--	--	--	--
33527	207	--	510	--	--	--	--
33528	207	--	720	--	--	--	--
33529	207	--	700	--	--	--	--
33530	207	--	700	--	--	--	--
33531	207	--	810	--	--	--	--
33532	207	--	670	--	--	--	--
33533	207	--	220	--	--	--	--
33534	207	--	550	--	--	--	--
33535	207	--	640	--	--	--	--
33536	207	--	900	--	--	--	--
33537	207	--	640	--	--	--	--
33538	207	--	--	--	--	--	--
33539	207	--	--	--	--	--	--
33540	207	--	--	--	--	--	--
33541	207	--	--	--	--	--	--

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WESTERN MINES DIVISION
P.O. BOX 8000
CAMPBELL RIVER, B.C.
V9W 5E2

DEC 24 1985

CERT. # : A8518847-001-A
INVOICE # : 18519847
DATE : 20-DEC-85
P.O. # : NONE
NONE

ATTN: R.R. WALKER

Sample description	Prep code	Cu %	Pb %	Zn %	Sb NAA %	Ag FA oz/T	Au FA oz/T
33502	207	--	--	--	--	0.05	<0.002
33503	207	--	--	--	--	<0.01	<0.002
33504	207	--	--	--	--	0.03	<0.002
33505 RC-1 206.9-208.2m	207	--	--	--	--	0.03	0.006 ^{1.3m}
33506	207	--	--	--	--	0.03	<0.002
33507	207	--	--	--	--	0.03	<0.002
33508	207	--	--	--	--	0.03	<0.002
33509	207	--	--	--	--	0.03	<0.002
33510	207	--	--	--	--	0.03	<0.002
33511	207	--	--	--	--	0.03	<0.002
33512	207	--	--	--	--	0.01	<0.002
33513	207	--	--	--	--	0.03	<0.002
33514	207	--	--	--	--	0.03	<0.002
33515	207	--	--	--	--	0.03	<0.002
33516	207	--	--	--	--	0.03	<0.002
33517	207	--	--	--	--	0.01	<0.002
33518	207	--	--	--	--	0.03	<0.002
33519	207	--	--	--	--	0.01	<0.002
33520	207	--	--	--	--	0.01	<0.002
33521	207	--	--	--	--	0.04	<0.002
33522	207	--	--	--	--	0.02	<0.002
33523	207	--	--	--	--	0.03	<0.002
33524	207	--	--	--	--	0.03	<0.002
33525	207	--	--	--	--	0.05	<0.002
33526	207	--	--	--	--	0.03	<0.002
33527	207	--	--	--	--	0.01	<0.002
33528	207	--	--	--	--	0.04	<0.002
33529	207	--	--	--	--	0.03	<0.002
33530	207	--	--	--	--	0.03	<0.002
33531	207	--	--	--	--	0.03	<0.002
33532	207	--	--	--	--	0.05	<0.002
33533	207	--	--	--	--	0.03	<0.002
33534	207	--	--	--	--	0.02	<0.002
33535	207	--	--	--	--	0.02	<0.002
33536	207	--	--	--	--	0.01	<0.002
33537	207	--	--	--	--	0.01	<0.002
33538	207	--	--	--	--	0.01	<0.002
33539	207	--	--	--	--	0.01	<0.002
33540	207	--	--	--	--	0.03	<0.002
33541	207	--	--	--	--	0.03	<0.002

.....
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TO : WESTMIN RESOURCES LTD.
WESTERN MINES DIVISION
P.O. BOX 8000
CAMPBELL RIVER, B.C.
V9W 5E2

DEC 24 1985

CERT. # : A8518847-002-A
INVOICE # : 18518847
DATE : 20-DEC-85
P.O. # : NONE
NONE

ATTN: R.R. WALKER

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	AS ppm	Hg ppb	Sb ppm
33542	207	130	92	1100	--	--	--
33543	207	2450	--	--	27	--	--
33544	207	151	61	515	--	--	--
33545	207	52	5	90	7	--	--
33546	207	100	20	62	4	--	--
33547	207	79	21	132	5	--	--
33548	207	87	16	--	9	--	--
33549	207	97	12	57	3	--	--
33550	207	107	32	328	7	--	--
33551	207	131	8	82	4	--	--
33552	207	86	3	76	3	--	--
33553	207	106	6	78	3	--	--
33554	207	110	4	100	3	--	--
33555	207	94	4	77	4	--	--
33556	207	105	6	61	5	--	--
33557	207	67	6	49	4	--	--
33558	207	129	11	128	10	--	--
33559	207	94	7	83	4	--	--
33560	207	103	7	79	4	--	--
33561	207	135	9	72	6	--	--
33562	207	119	5	81	4	--	--
33563	207	95	5	57	7	--	--
33564	207	96	5	59	22	--	--
33565	207	105	7	72	12	--	--
33566	207	85	6	84	46	--	--
33567	207	95	5	87	38	--	--
33568	207	88	5	102	15	--	--
33569	207	109	12	258	85	--	--
33570	207	85	5	87	35	--	55.0
33571	207	110	3	129	80	--	75.0
33572	207	90	45	83	2	640	--
33573	207	127	4	127	27	--	475.0
33574	207	109	3	95	7	--	51.0
33575	207	80	4	82	--	--	--
33576	207	69	2	71	--	--	--
33577	207	82	3	89	4	--	--
33578	207	94	3	78	6	--	--

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WESTERN MINES DIVISION
P.O. BOX 4000
CAMPBELL RIVER, B.C.
V9W 5E2

DEC 24 1985

CERT. # : A5518847-002-3
INVOICE # : 18518847
DATE : 20-DEC-85
P.O. # : NONE
NONE

ATTN: R.R. WALKER

Sample description	Prep code	SI ppm	ppm				
33542	207	--	--	--	--	--	--
33543	207	--	430	--	--	--	--
33544	207	--	--	--	--	--	--
33545	207	--	660	--	--	--	--
33546	207	--	660	--	--	--	--
33547	207	--	720	--	--	--	--
33548	207	--	740	--	--	--	--
33549	207	--	640	--	--	--	--
33550	207	--	590	--	--	--	--
33551	207	--	830	--	--	--	--
33552	207	--	300	--	--	--	--
33553	207	--	340	--	--	--	--
33554	207	--	700	--	--	--	--
33555	207	--	690	--	--	--	--
33556	207	--	620	--	--	--	--
33557	207	--	580	--	--	--	--
33558	207	--	540	--	--	--	--
33559	207	--	400	--	--	--	--
33560	207	--	320	--	--	--	--
33561	207	--	440	--	--	--	--
33562	207	--	1050	--	--	--	--
33563	207	--	780	--	--	--	--
33564	207	--	600	--	--	--	--
33565	207	--	640	--	--	--	--
33566	207	--	470	--	--	--	--
33567	207	--	400	--	--	--	--
33568	207	--	320	--	--	--	--
33569	207	--	440	--	--	--	--
33570	207	--	320	--	--	--	--
33571	207	--	320	--	--	--	--
33572	207	0.1	130	--	--	--	--
33573	207	--	320	--	--	--	--
33574	207	--	300	--	--	--	--
33575	207	--	--	--	--	--	--
33576	207	--	--	--	--	--	--
33577	207	--	100	--	--	--	--
33578	207	--	120	--	--	--	--

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P.O. BOX 8000
CAMPBELL RIVER, B.C.
V9W 5E2

DEC 24 1985

CERT. # : A8518847-002-A
INVOICE # : I8518847
DATE : 20-DEC-85
P.O. # : NONE
NONE

ATTN: R.R. WALKER

Sample description	Prep code	Cu %	Pb %	Zn %	Sb NAA %	Ag FA oz/T	Au FA oz/T
33542	207	--	--	--	--	0.05	<0.002
33543	207	0.32	0.04	2.06	--	0.17	0.002
33544	207	--	--	--	--	0.03	<0.002
33545	207	--	--	--	--	0.01	<0.002
33546	207	--	--	--	--	0.01	<0.002
33547	207	--	--	--	--	0.01	<0.002
33548	207	--	--	0.05	--	0.01	<0.002
33549	207	--	--	--	--	0.01	<0.002
33550	207	--	--	--	--	0.02	<0.002
33551	207	--	--	--	--	0.01	<0.002
33552	207	--	--	--	--	0.01	<0.002
33553	207	--	--	--	--	0.02	<0.002
33554	207	--	--	--	--	0.07	<0.002
33555	207	--	--	--	--	0.03	<0.002
33556	207	--	--	--	--	0.01	<0.002
33557	207	--	--	--	--	0.03	<0.002
33558	207	--	--	--	--	0.03	<0.002
33559	207	--	--	--	--	0.03	<0.002
33560	207	--	--	--	--	0.03	<0.002
33561	207	--	--	--	--	0.01	<0.002
33562	207	--	--	--	--	0.01	<0.002
33563	207	--	--	--	--	0.01	<0.002
33564	207	--	--	--	--	0.01	<0.002
33565	207	--	--	--	--	0.01	<0.002
33566	207	--	--	--	--	0.01	<0.002
33567	207	--	--	--	--	0.01	<0.002
33568	207	--	--	--	--	0.01	<0.002
33569	207	--	--	--	--	0.01	<0.002
33570	207	--	--	--	--	0.01	<0.002
33571	207	--	--	--	--	<0.01	<0.002
33572	207	--	--	--	9.400	<0.01	<0.002
33573	207	--	--	--	--	<0.01	<0.002
33574	207	--	--	--	--	0.02	<0.002
33575	207	--	--	--	--	0.01	<0.002
33576	207	--	--	--	--	0.02	<0.002
33577	207	--	--	--	--	0.01	<0.002
33578	207	--	--	--	--	0.03	<0.002

TOTAL 77 SAMPLES

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*** INVOICE ***

TO : WESTMIN RESOURCES LTD.
WESTERN MINES DIVISION
P.O. BOX 8000
CAMPBELL RIVER, B.C.
V9W 5E2

Invoice # : I5519847
Date : 20-DEC-85
P.O. # : NONE
Project NONE

Invoice for analytical work reported on certificate(s) 43518847-001 to -002

Quantity	code	description	unit	price	amount
53	002	- Cu	ppm		
	004	- Pb	ppm		
	005	- Zn	ppm		
	013	- AS	ppm		
	025	- Sa	ppm		
	333	- Ag FA	oz/T		
	396	- Au FA	oz/T	21.50	1155.40
17	002	- Cu	ppm		
	004	- Pb	ppm		
	005	- Zn	ppm		
	393	- Ag FA	oz/T		
	396	- Au FA	oz/T	14.30	243.10
1	002	- Cu	ppm		
	013	- AS	ppm		
	025	- Sa	ppm		
	301	- Cu	%		
	312	- Pb	%		
	316	- Zn	%		
	393	- Ag FA	oz/T		
	396	- Au FA	oz/T	36.50	36.50

Continued



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To : WESTMIN RESOURCES LTD.
WESTERN MINES DIVISION
P.O. BOX 8000
CAMPBELL RIVER, B.C.
V9W 5E2

Invoice # : 18513847
Date : 20-DEC-85
P.O. # : NONE
Project NONE

Page 2

Quantity	Analysed for code description	unit price amount
		BALANCE FORWARD \$ 1435.00
1	002 - Cu ppm	
	004 - Pb ppm	
	013 - AS ppm	
	025 - Sa ppm	
	316 - Zn %	
	393 - Ag FA OZ/T	
	396 - Au FA OZ/T	26.40 26.40
4	002 - Cu ppm	
	004 - Pb ppm	
	005 - Zn ppm	
	013 - AS ppm	
	022 - Sb ppm	
	025 - Sa ppm	
	393 - Ag FA OZ/T	
	396 - Au FA OZ/T	25.55 102.20
1	002 - Cu ppm	
	004 - Pb ppm	
	005 - Zn ppm	
	013 - AS ppm	
	020 - Hg ppm	
	023 - Bi ppm	
	025 - Sa ppm	
	347 - Sb NAA %	
	393 - Ag FA OZ/T	
	396 - Au FA OZ/T	37.55 37.55
77	207 - Assay - PULVERIZE	3.75 288.75
		TOTAL \$ 1829.90
		Discount (10 %) \$ 182.99
		Please pay this amount - <i>RRW</i> \$ 1700.91

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