ASSESSMENT REPORT

VALLEY GIRL PROPERTY

STREAM SEDIMENT SAMPLING SURVEY
AND
GEOLOGICAL MAPPING

undertaken on
CLAIMS VG 1-5

OMINECA MINING DIVISION
NTS 93N/7W
Latitude 55° 29'N, Longitude 124° 54'W

Claim Owner
Imperial Metals Corporation

Operator and Funded By
Westmin Resources Limited

Report By

Ron W. Lane - Project Geologist
Westmin Resources Limited

NATION\A91-754

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I) SUMMARY

A detailed stream sediment sampling program on the Valley Girl property defined an abundance of anomalous to very anomalous Au values. Limited panning undertaken in the vicinity of some of the highest values confirmed the presence of very fine grained placer gold. The anomalous Au values are rarely associated with anomalous Cu stream sediment values.

The source of the anomalous Au has not yet been conclusively determined from the limited geological mapping, prospecting and sampling undertaken to date on the poorly exposed property. Additional follow-up work is required to satisfactorily evaluate these anomalies.

II) INTRODUCTION

A) Exploration Target

Primary exploration target is large tonnage low grade alkaline porphyry Au-Cu deposits similar to the Mt. Milligan deposit. Secondary exploration target is moderate tonnage high grade Au-Cu-Zn sulphide deposits replacing fracture zones adjacent to or cross-cutting Au-Cu porphyry mineralization.

B) Location and Access

Valley Girl property is located in the Valleau Creek drainage, approximately 220 km northwest of Prince George, B.C. and 65 km northwest of the Mt. Milligan porphyry Au-Cu deposit. Refer to figure 1. Access is via helicopter from the western end of Tchentlo Lake.

C) Topography

Topography varies from gently rolling to moderately mountainous, with elevations ranging from 1200m to 1511m. Most of the property is forest covered, consisting mainly of pine, balsam, fir and spruce, with alder in low lying areas. Refer to figure 2.

D) Claims

The Valley Girl Property is 100% owned by Imperial Metals Corporation, and is currently under option to Westmin Resources Limited. Refer to figure 2a. The property consists of the following claims:

CLAIM NAME	RECORD NO.	NO. OF UNITS	CURRENT EXPIRY DATE	EXPIRY DATE UPON ACCEPTANCE OF THIS REPORT
VG 1	7398	20	Oct 31, 1991	Oct 31, 1993
VG 2	7397	12	Oct 31, 1991	Oct 31, 1993
VG 3	7395	20	Oct 31, 1991	Oct 31, 1993
VG 4	7699	20	July 22, 1991	July 22, 1994
VG 5	7954	8	July 3, 1993	Oct 3, 1994
		80		

E) Exploration History

Moderate amounts of test pitting in association with placer mining was undertaken along some creeks draining the property prior to 1945. Free gold was reported observed within a few quartz veins.

The VG 1-3 and VG 4-5 claims were staked by Imperial Metals Corporation in 1985 and 1986 respectively. Imperial tested the property with geochemical sampling (stream, soil and rock), a minor amount of prospecting, geological mapping and trenching, and an airborne magnetics survey (Aerodat Ltd).

III) REGIONAL GEOLOGY

Valley Girl property is situated within the central portion of the Quesnel Trough, a 30 to 60 km wide by 1300+ km long depositional basin which extends northwestward from the southern B.C. border (49th parallel) to the Stikine River in northern B.C. The boundaries of the Trough are regional faults in some areas. For example, the Pinchi Fault, situated approximately 25 km west of the Valley Girl property, forms a portion of the western boundary of the Trough.

The Trough contains an assemblage of alkalic and calc-alkalic volcanic and sedimentary rocks of Upper Triassic to L. Jurassic age (Rossland, Nicola, Takla, Stuhini Groups), which are intruded by comagmatic plutons. In the vicinity of the Valley Girl property the comagmatic plutons are situated immediately to the west, and form a portion of the Hogem Batholith. The Hogem intrusions range in composition from granite to monzonite to pyroxenite. The somewhat younger L. Cretaceous, granite to K-spar megacrystic granodiorite of the Germansen Batholith borders the Valley Girl to the north and east.

The potential for porphyry Au-Cu deposits is considered to be quite good along the Quesnel Trough, especially in areas of well developed structural control. Good structural control is interpreted to exist immediately west and bordering the Valley Girl property.

IV) PROPERTY GEOLOGY

Geological mapping and prospecting on the Valley Girl property was undertaken by geologists Murray Jones and Dean Wadsworth of Westmin, in follow-up to anomalous Au stream and soil geochemical values defined by Imperial Metals Corporation and Westmin Resources Limited. Refer to figures 3-5.

Thin to moderately thick glacial till covers most of the property, although a moderate amount of outcrop and sub-crop was observed along prominent creeks, ridges and breaks in slope.

Geology of the western half of the Valley Girl property is dominated by Takla Group pyroxene porphyritic andesite, subordinate interbedded argillites, and minor interbedded limestone lenses. Diorite sills and hornblende porphyry dykes intrude the sequence. Narrow zones of weak propylitic alteration (chlorite-epidote-calcite-pyrite) and associated quartz-carbonate stockwork veinlets are common in the volcanics, and may be the source of the anomalous gold found in stream sediment (and soil) samples. However, limited rock sampling undertaken to date by Imperial Metals and Westmin has failed to define any appreciable gold in these zones.

Geology of the eastern half of the Valley Girl property is dominated by fine grained to moderately porphyritic andesite flows and subordinate fine grained laminated tuffs of the Takla Group, and a chlorite-carbonate altered porphyritic diorite (andesite?) containing 1-2% fine disseminated pyrite. The diorite appears associated with a relatively small airborne magnetic high, and likely represents a high level intrusive body. Altered shear zones trending 340° - 360° and dipping steeply SW crosscut both rock types. Intense alteration is generally confined to within a few cms of the shear zones, and consists of clay-pyrite ± quartz, with associated quartz veining and sulphides. The shear zones are limonite stained.

The altered shear zones appear likely to be the source of the area's previously defined anomalous Au stream sediment and soil geochemical values. The strongest Au soil geochemical values were derived from sample sites containing rubble from the altered shear zones. Test pitting of the shear zones undertaken in previous years by Imperial returned only very low gold values, suggesting that gold is being concentrated in the thin overlying soil. The results suggest a low potential in the immediate area for a porphyry Au-Cu deposit.

V) GEOCHEMISTRY

A) Introduction

Detailed stream sediment sampling was undertaken on Valley Girl in 1991, in follow-up to anomalous Au stream sediment values defined by Westmin in 1990 in the immediate area. A total of 30 silt samples were collected on the Valley Girl property and are the subject of this report. An abundance of additional silt samples were collected from the immediate area surrounding Valley Girl in 1990 and 1991, and their results are also presented, to enable a more complete appraisal of the area's potential to be made.

Considerable effort was expended to collect high quality silt samples, consisting wherever possible, of fine silt containing a minor amount of grit, and representative of several depositional cycles.

Chemex Labs of Vancouver sieved the samples to -80 mesh and analyzed them for Au (fire assay with A.A. finish), and for an additional 10 elements (As, Ag, Co, Cu, Fe, Mn, Mo, Ni, Pb, Zn) by the ICP-AES method. Refer to Appendix A.

Each sample was analyzed twice for gold for a total analyzed weight of 60 grams (two 30 gram samples), whenever sufficient sample weight was available. A few of the samples collected in 1990 were analyzed for gold 3 or 4 times as a check on results by Chemex Labs and/or Westmin. The duplicate analyses were undertaken to deal with the nugget effect of gold. Results indicate that nugget effect is a significant problem, and that a total sample weight of 60 grams is the absolute minimum that should be analyzed. The quality of data and the ability to confidently outline area of anomalous gold is vastly improved using a minimum of 60 grams of sample, as opposed to a single 10 or 30 gram sample. Relying on the analysis of single 10 gram samples in this area would be foolish.

B) Results

Results for gold and copper were plotted on figures 4 and 5, respectively. Values for the remaining elements were not plotted but are available in Appendix B. The 1991 sampling returned an impressive abundance of anomalous to very anomalous Au values in the western half of the Valley Girl property, and several

anomalous Au values in the eastern half of the property. Anomalous threshold for gold is considered to be 20 ppb. Values obtained frequently exceeded 50 ppb Au and often, ranged into the low 100's of ppb Au.

Follow-up by panning at sites of higher Au values, both on the Valley Girl property and on the adjacent Kwanika/Valleau property of Westmin, yielded fine to very fine grains of placer gold. For example, panning of a 5 kg sample collected from sample site #487963 (1010 ppb Au), located in the southwest corner of Valley Girl, yielded five very fine rounded grains (colors) of placer gold.

The anomalous Au values were rarely, if ever, associated with anomalous Cu stream sediment values (≥100 ppm Cu). However, experience to date in the area indicates that anomalous Cu values occurring in soil and rock often do not show up as anomalous stream sediment values, possibly due to a pH problem.

An abundance of anomalous gold and/or copper values in stream sediments has also been defined by Westmin over a large area of the adjacent Kwanika/Valleau property, which is situated immediately west of the Valley Girl. Glacial ice is documented to have moved west to east in the area, i.e. from the Kwanika Valleau to the Valley Girl.

VI CONCLUSIONS

Geological prospecting and mapping on Valley Girl did not satisfactorily explain the abundance of anomalous to very anomalous gold values in stream sediments defined on the Valley Girl property. While it seems likely the gold values relate to weak zones of propylitic alteration and associated quartz-carbonate stockwork veinlets in volcanics, (related to either the Hogem or Germansen Batholiths), sampling to date has yet to prove this. Exposure in the area is relatively poor. There is a possibility that the anomalous gold values reflect gold bearing (contaminated?) glacial till, which derived its values from unexposed veins and/or alkaline porphyry Au-Cu bodies in the vicinity, or elsewhere. Additional work is required to resolve this.

VII) RECOMMENDATIONS

Additional follow-up work should be undertaken to satisfactorily evaluate the anomalous Au stream sediment values defined on Valley Girl.

This follow-up work should include backhoe trenching or test pitting in August, 1991, of a large I.P. amonaly (sulphide alteration system?) situated near the Kwanika Valleau/Valley Girl property boundary.

VIII) **EXPENDITURES**

Expeditor	$200.00
Charter Flying - Helicopter 2.5 hr X $660/hr.	$1,650.00
Camp Expense	$750.00
Geochemical Analysis	$700.00
Salaries - Permanent (Geologist) 8 days @ $250/day	$2,000.00
Salaries - Temp (Geologist) 10 days @ $205/day	$2,050.00
Travel Costs - airfare, hotels, meals	$1,750.00
Telephone (FM)	$100.00
Drafting Charges	$1,200.00
Maps and Reports	$250.00
Computer Costs	$550.00
Sub total	$11,200.00
Overhead @ 10%	$1,120.00
	$12,320.00

IX) STATEMENT OF QUALIFICATIONS

I, Ron W. Lane, of 7673 Sutton Place, North Delta, B.C. graduated in 1971 from the University of Alberta, Edmonton, Alberta, with a Bachelor of Science - majoring in Geology.

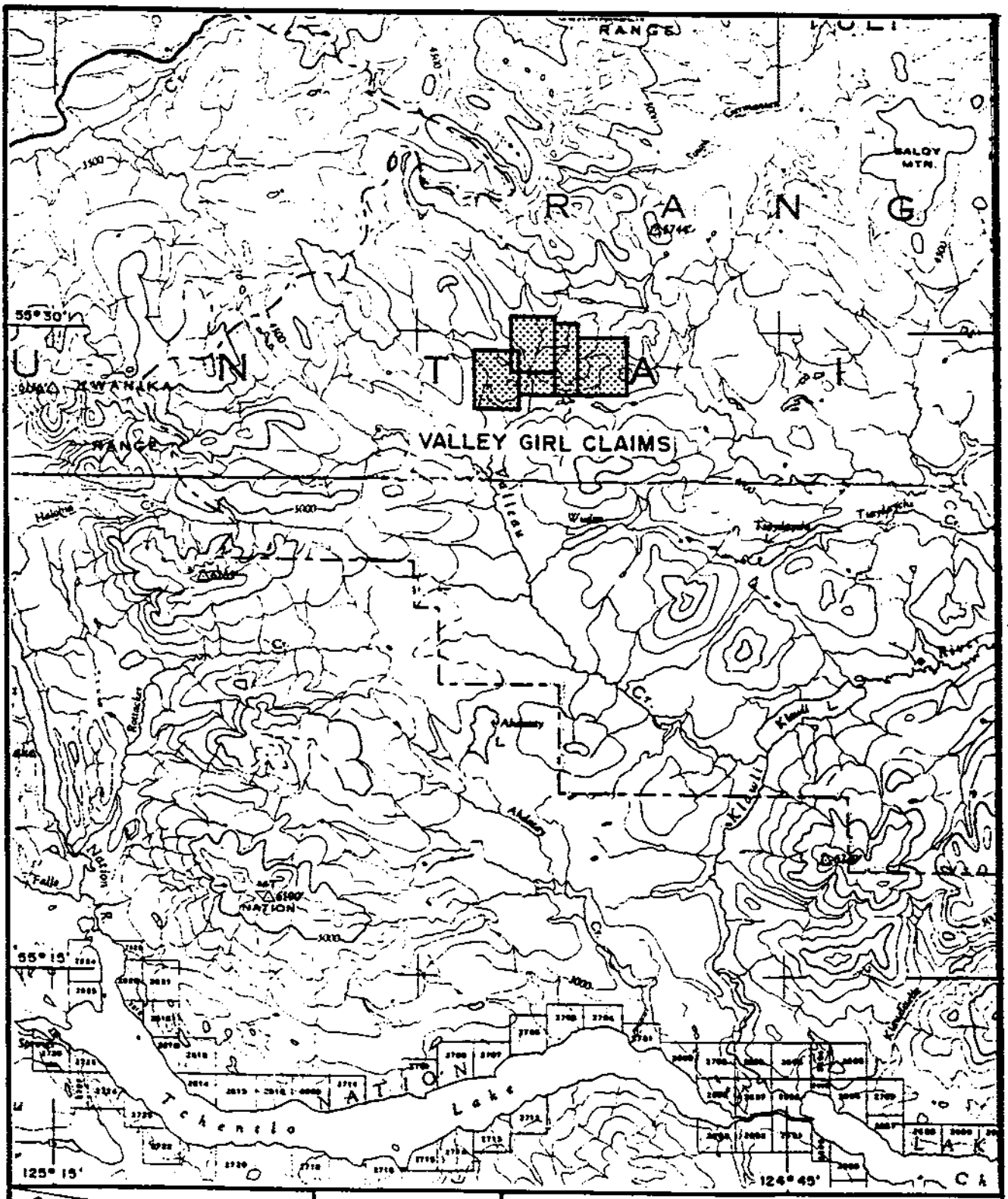
Since graduation, I have worked on a continuous basis as an exploration geologist, first for Cominco International (6½ years),Cominco Ltd (5½ years), and then for Westmin Resources (9 years). Work was undertaken in British Columbia, Alberta, Yukon Territory, Northwest Territories, Idaho, Southern Africa, and Italy.

I supervised the work undertaken on the Valley Girl property, which is described in this report.

Ron W. Lane
Project Geologist
WESTMIN RESOURCES LIMITED

RWL/ac

X) **ATTACHMENTS**



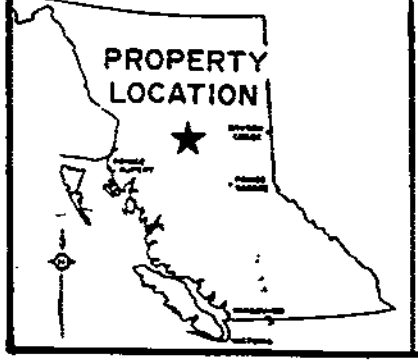


FIGURE 1 N.T.S. 93N

LOCATION MAP

Km 5 0 5 10 Km

SCALE: 1:250000	GEOLOGIST: A.B. TAYLOR
DATE: JANUARY 1987	DRAWN BY: S. HAWORTH

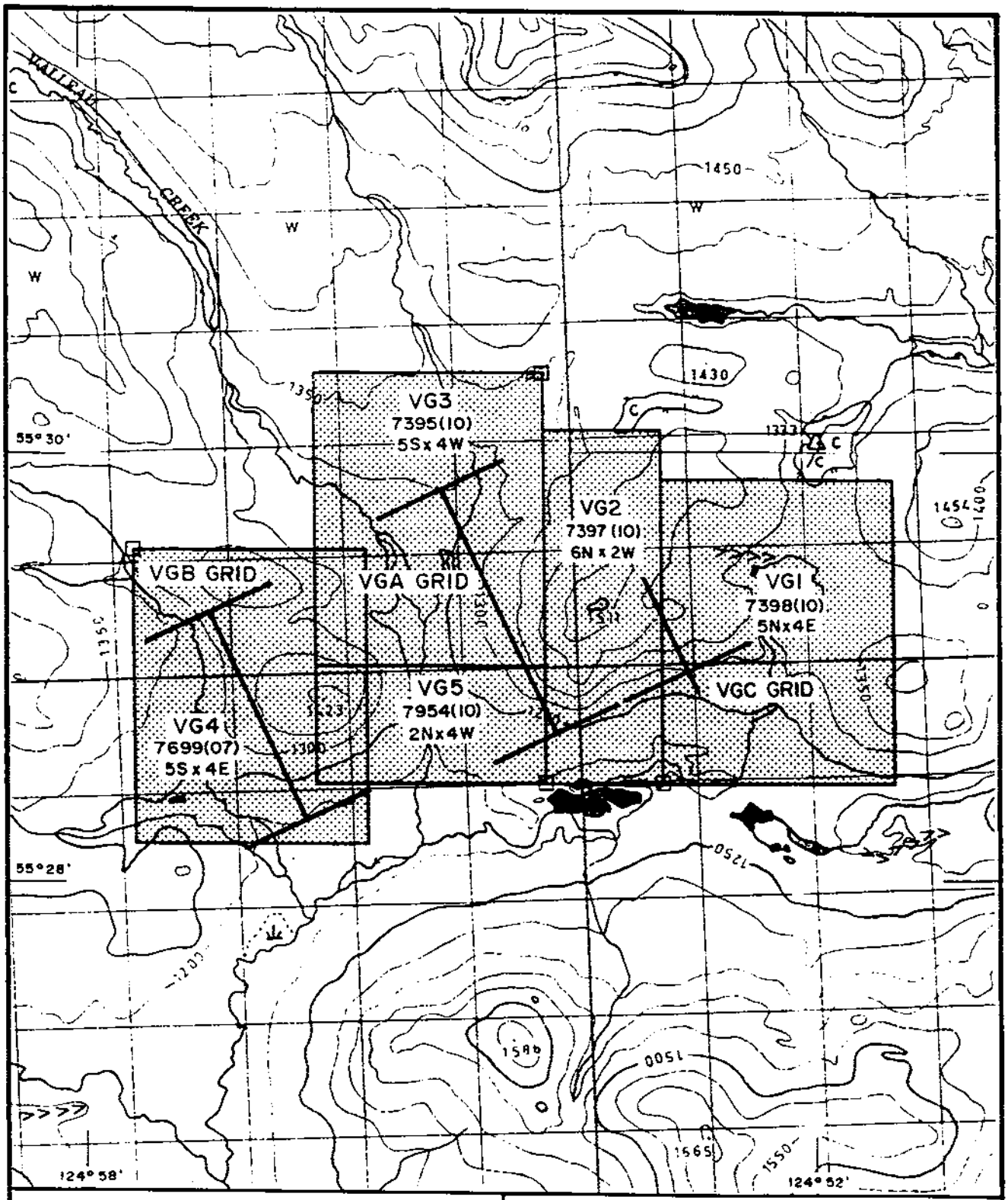
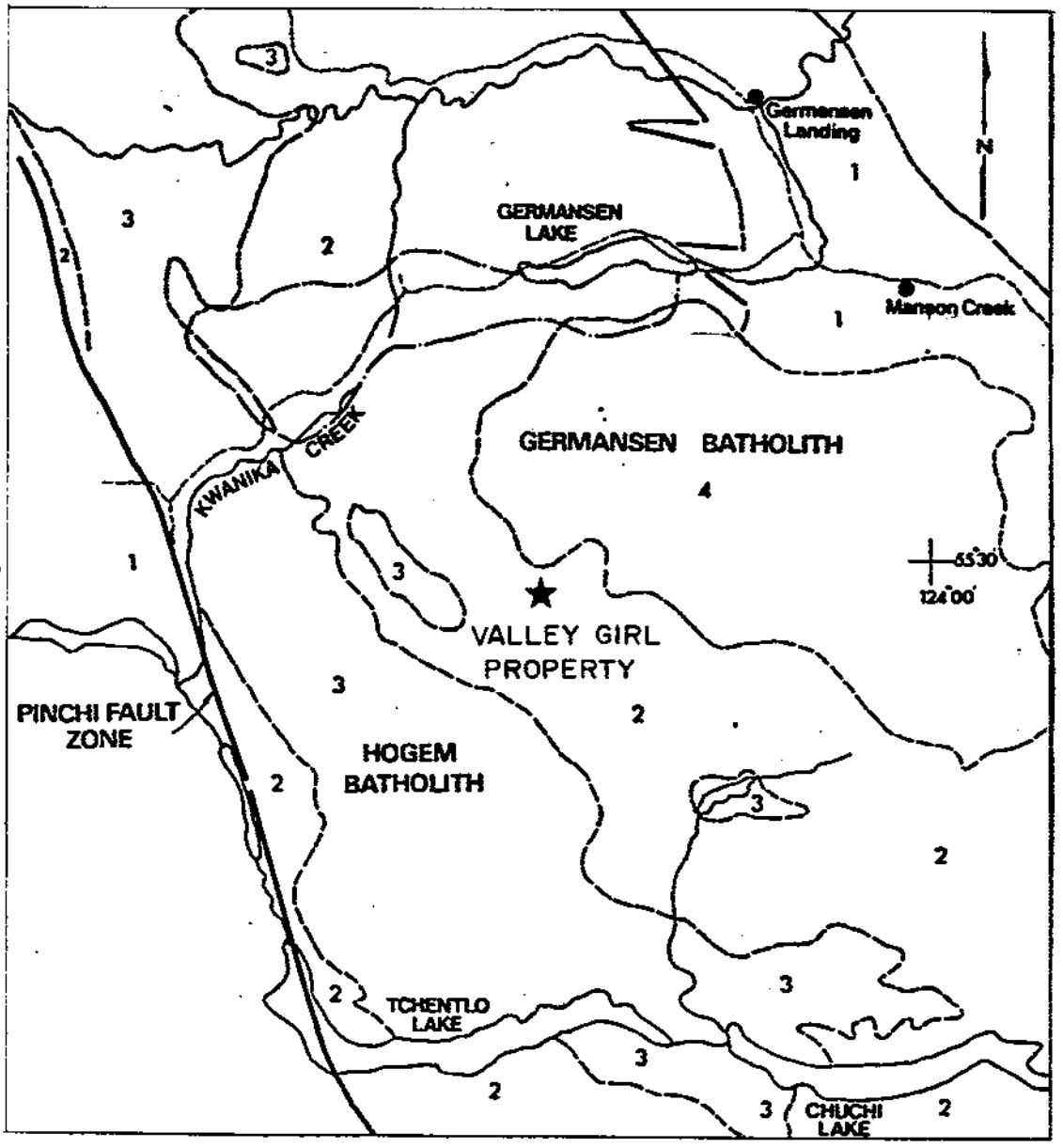


FIGURE 2 N.T.S. 93N/7 & 10

CLAIM MAP

Km 1 0 1 2 Km

SCALE: 1:50 000	GEOLOGIST: S.B., D.J.
DATE: SEPT., 1989	DRAWN BY: S. HAWORTH



LEGEND

- Geologic Contact
- Faults
- Mapped Area
- Gravel Road

GEOLOGIC UNITS

4	Germansen Batholith
3	Hogem Batholith
2	Takla Group
1	Cache Creek Group

After Garnett, 1974 & Armstrong, 1949

FIGURE 2a

REGIONAL GEOLOGY

Km 10 0 10 20 Km

SCALE: 1:500 000	GEOLOGIST: A.B. TAYLOR
DATE: JANUARY 1987	DRAWN BY: S. HAWORTH

XI) APPENDIX

A. Sample Preparation and Analytical Procedures

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

.o: WESTMIN MINES LTD.

P.O. Box 49066, The Bentall Centre
VANCOUVER, BC
V7X 1C4

A9120811

Comments: CC: RON LANE

SILTS

CERTIFICATE A9120811

WESTMIN MINES LTD.

Project: WUDLEAU 6203
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-SEP-91.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	10	Dry, sieve to -80 mesh
238	10	NITRIC-AQUA REGIA DIGESTION

* NOTE 1:

Code 1000 is used for repeat gold analyses
It shows typical sample variability due to coarse gold effects. Each value is correct for its particular subsample.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
1000	10	Au check analysis		1	10000
983	10	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
983	10	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
866	10	Fusion weight in grams	BALANCE	0.01	30.00
13	10	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
1005	10	Ag ppm: 9 element,soil and rock	ICP-AES	0.5	200
1929	10	Co ppm: 9 element, soil & rock	ICP-AES	1	10000
1931	10	Cu ppm: 9 element, soil & rock	ICP-AES	1	10000
1932	10	Fe %: 9 element, soil & rock	ICP-AES	0.01	15.00
1937	10	Mn ppm: 9 element, soil & rock	ICP-AES	5	10000
1938	10	Mo ppm: 9 element, soil & rock	ICP-AES	1	10000
1940	10	Ni ppm: 9 element, soil & rock	ICP-AES	1	10000
1004	10	Pb ppm: 9 element,soil and rock	ICP-AES	5	10000
1950	10	Zn ppm: 9 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: WESTMIN MINES LTD.

P.O. Box 49066, The Bentall Centre
VANCOUVER, BC
V7X 1C4

A9117329

Comments: CC: RON LANE

5015

CERTIFICATE A9117329

WESTMIN MINES LTD.

Project: WUDLEAU-6203
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-JUL-91.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	97	Dry, sieve to -80 mesh
288	97	NAA encapsulation/irradiation
238	97	NITRIC-AQUA REGIA DIGESTION

* NOTE 1:

Code 1000 is used for repeat gold analyses
It shows typical sample variability due to coarse gold effects. Each value is correct for its particular subsample.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
1000	97	Au check analysis		1	10000
13	97	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
1005	97	Ag ppm: 9 element, soil and rock	ICP-AES	0.5	200
1929	97	Co ppm: 9 element, soil & rock	ICP-AES	1	10000
1931	97	Cu ppm: 9 element, soil & rock	ICP-AES	1	10000
1932	97	Fe %: 9 element, soil & rock	ICP-AES	0.01	15.00
1937	97	Mn ppm: 9 element, soil & rock	ICP-AES	5	10000
1938	97	Mo ppm: 9 element, soil & rock	ICP-AES	1	10000
1940	97	Ni ppm: 9 element, soil & rock	ICP-AES	1	10000
1004	97	Pb ppm: 9 element, soil and rock	ICP-AES	5	10000
1950	97	Zn ppm: 9 element, soil & rock	ICP-AES	2	10000
983	97	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
983	97	Au ppb: Fuse 30 g sample	FA-AAS	5	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

.o: WESTMIN MINES LTD.

P.O. Box 49066, The Bentall Centre
VANCOUVER, BC
V7X 1C4

A9120809

Comments: CC: RON LANE

ROCKS

CERTIFICATE A9120809

WESTMIN MINES LTD.

Project: KWANIKA 6202
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 10-SEP-91.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	22	Geochem ring to approx 150 mesh
294	22	Crush and split (0-10 pounds)
285	22	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	22	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	22	Ag ppm: 24 element, rock & core	AAS	0.5	200
573	22	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	22	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	22	Be ppm: 24 element, rock & core	ICP-AES	0.5	10000
561	22	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	22	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	22	Cd ppm: 24 element, rock & core	ICP-AES	0.5	10000
563	22	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	22	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	22	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	22	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	22	K %: 24 element, rock & core	ICP-AES	0.01	20.0
570	22	Mg %: 24 element, rock & core	ICP-AES	0.01	20.0
568	22	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	22	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	22	Na %: 24 element, rock & core	ICP-AES	0.01	5.00
564	22	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	22	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	22	Pb ppm: 24 element, rock & core	AAS	2	10000
582	22	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	22	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	22	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	22	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	22	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

B. Analytical Values

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: WESTMIN MINES LTD.

P.O. Box 49066, The Bentall Centre
VANCOUVER, BC
V7X 1C4

Project : 6203-WUDLEAU
Comments: CC: RON LANE

Certificate Date: 02-JUL-91
Invoice No. :19116915
P.O. Number :

CERTIFICATE OF ANALYSIS A9116915

SAMPLE DESCRIPTION	PREP CODE		Au check	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	Au ppb FA+AA	Au ppb FA+AA	
550001	201	202	< 5	< 1	< 0.5	5	9	1.39	180	< 1	4	8	20	< 5	< 5	
550002	201	202	50	11	< 0.5	27	68	4.81	455	< 1	12	10	72	15	90	
550003	201	202	< 5	1	< 0.5	5	32	1.40	205	< 1	5	8	40	5	< 5	
550004	201	202	< 5	2	< 0.5	6	25	2.01	280	< 1	4	4	28	< 5	< 5	
550005	201	202	5	1	< 0.5	9	20	2.17	345	< 1	6	4	32	10	< 5	
550006	201	202	< 5	1	< 0.5	10	39	2.82	505	< 1	10	6	38	< 5	< 5	
550007	201	202	75	1	< 0.5	11	34	2.56	350	< 1	11	4	38	< 5	150	
550008	201	202	5	1	< 0.5	13	47	2.98	450	< 1	14	6	44	10	< 5	
550009	201	202	5	1	< 0.5	14	71	4.22	1760	< 1	14	8	56	< 5	10	
550010	201	202	30	3	< 0.5	14	49	3.70	1775	< 1	12	6	48	60	< 5	
550011	201	202	40	2	< 0.5	11	25	3.93	705	< 1	11	6	36	30	50	
550012	201	202	< 5	1	< 0.5	13	67	3.86	865	< 1	16	8	44	< 5	< 5	
550013	201	202	< 5	2	< 0.5	14	63	3.48	995	< 1	13	6	52	5	< 5	
550014	201	202	< 5	2	< 0.5	13	58	3.74	1125	< 1	11	8	52	< 5	< 5	
550015	201	202	< 5	2	< 0.5	15	83	3.72	2250	< 1	11	4	80	< 5	< 5	
550016	201	202	< 5	2	< 0.5	14	50	4.57	1770	< 1	13	12	50	< 5	< 5	
550017	201	202	< 5	1	< 0.5	18	65	4.45	1010	< 1	17	6	56	< 5	< 5	
550018	201	202	< 5	2	< 0.5	20	64	3.89	1415	< 1	26	8	54	< 5	5	
550019	201	202	5	< 1	< 0.5	9	25	3.21	305	< 1	6	6	32	10	< 5	
550020	202	203	< 5	< 1	< 0.5	5	6	2.48	430	< 1	5	6	26	< 5	< 5	
550021	201	202	< 5	< 1	< 0.5	22	16	4.04	5500	3	7	14	42	< 5	< 5	
550022	201	202	5	< 1	< 0.5	10	8	2.55	1135	< 1	5	4	34	10	< 5	
550023	201	202	< 5	< 1	< 0.5	9	10	2.69	505	< 1	5	6	38	< 5	< 5	
550024	201	202	< 5	1	< 0.5	11	13	3.28	750	< 1	7	6	44	< 5	< 5	
550025	201	202	< 5	1	< 0.5	14	15	3.95	1045	1	7	6	50	< 5	< 5	
550026	201	202	< 5	1	< 0.5	6	14	1.20	330	< 1	5	4	28	< 5	< 5	
550027	202	203	< 5	1	< 0.5	4	3	1.75	205	< 1	3	6	22	< 5	< 5	
550028	201	202	20	< 1	< 0.5	5	10	1.67	360	< 1	3	6	32	45	< 5	
550029	201	202	< 5	< 1	< 0.5	7	17	2.90	585	< 1	3	6	30	< 5	< 5	
550030	201	202	100	< 1	< 0.5	6	11	2.56	610	< 1	5	10	36	180	180	
550051	201	202	5	1	< 0.5	8	24	2.12	635	< 1	7	6	26	< 5	10	
550052	201	202	5	1	< 0.5	9	48	2.48	460	< 1	10	6	38	< 5	15	
550053	201	202	5	1	< 0.5	10	46	2.50	345	< 1	11	8	40	< 5	10	
550054	201	202	< 5	2	< 0.5	10	49	3.44	895	< 1	11	8	36	< 5	< 5	
550055	201	202	< 5	5	< 0.5	9	109	2.65	355	< 1	12	4	28	< 5	< 5	
550056	201	202	< 5	4	< 0.5	13	92	3.71	930	< 1	15	6	34	5	< 5	
550057	201	202	< 5	1	< 0.5	13	23	3.67	1490	< 1	7	4	44	< 5	< 5	
550058	201	202	5	9	< 0.5	16	63	3.67	1280	< 1	20	14	56	< 5	10	
550059	201	202	< 5	4	< 0.5	13	165	3.43	685	< 1	11	8	90	< 5	< 5	
550060	201	202	< 5	< 1	0.5	10	116	2.50	1515	1	10	8	52	< 5	< 5	

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: WESTMIN MINES LTD.

P.O. Box 49066, The Bentall Centre
VANCOUVER, BC
V7X 1C4

Project : 6203-WUDLEAU
Comments: CC: RON LANE

Certificate Date: 02-JUL-91
Invoice No. : I9116915
P.O. Number :

CERTIFICATE OF ANALYSIS A9116915

SAMPLE DESCRIPTION	PREP CODE		Au check	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	Au ppb FA+AA	Au ppb FA+AA	
550061	201	202	< 5	1	< 0.5	12	117	3.65	5550	3	12	8	66	< 5	< 5	
550062	201	202	< 5	1	< 0.5	12	72	2.85	585	< 1	11	2	52	< 5	< 5	
550063	201	202	< 5	2	< 0.5	12	60	2.60	610	< 1	11	4	56	< 5	< 5	
550064	201	202	< 5	2	< 0.5	11	57	2.59	420	< 1	9	4	44	< 5	< 5	
550101	201	202	< 5	2	< 0.5	12	44	3.05	775	< 1	11	6	46	5	< 5	
550102	201	202	< 5	3	1.0	15	43	3.19	585	< 1	10	8	40	< 5	< 5	
550103	201	202	< 5	2	< 0.5	20	44	4.14	650	< 1	8	8	44	< 5	< 5	
550104	201	202	< 5	2	< 0.5	10	46	2.81	290	< 1	11	8	40	< 5	< 5	
550105	201	202	< 5	3	< 0.5	9	40	1.83	245	< 1	10	6	40	< 5	< 5	
550106	201	202	< 5	2	< 0.5	11	48	3.20	1035	< 1	9	4	46	< 5	< 5	
550107	201	202	< 5	6	< 0.5	15	50	4.08	580	< 1	10	12	32	< 5	< 5	
550108	201	202	< 5	1	0.5	7	245	1.84	435	< 1	10	4	26	< 5	< 5	
550109	201	202	< 5	1	0.5	9	63	3.01	740	< 1	14	8	38	< 5	< 5	
550110	201	202	< 5	1	< 0.5	11	60	3.90	1125	< 1	14	10	42	5	< 5	
550111	201	202	< 5	2	< 0.5	9	52	3.74	295	< 1	12	8	28	< 5	< 5	
550112	201	202	< 5	< 1	< 0.5	2	34	0.70	415	< 1	3	< 2	6	5	< 5	

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

To: WESTMIN MINES LTD.

P.O. Box 49066, The Bentall Centre
VANCOUVER, BC
V7X 1C4

Project : WUDLEAU-6203
Comments: CC: RON LANE - WESTMIN RESOURCES

Certificate Date: 05-JUL-91
Invoice No. :19117155
P.O. Number :

CERTIFICATE OF ANALYSIS A9117155

SAMPLE DESCRIPTION	PREP CODE		Au check	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	Au ppb FA+AA	Au ppb FA+AA	
550065	201	238	5	5	< 0.5	15	40	4.84	3060	3	10	6	48	< 5	15	
550066	201	238	80	3	< 0.5	14	37	4.56	1340	1	10	4	42	85	80	
550067	201	238	5	3	< 0.5	18	37	6.10	4160	4	10	6	48	10	< 5	
550068	201	238	< 5	3	< 0.5	35	30	6.54	6880	8	13	10	84	5	< 5	
550069	201	238	25	2	< 0.5	15	34	4.11	965	3	12	4	66	< 5	55	
550070	201	238	< 5	2	< 0.5	18	30	5.41	2840	2	11	8	68	< 5	< 5	
550071	201	238	< 5	1	< 0.5	14	31	3.52	845	2	11	4	58	< 5	< 5	
550072	201	238	< 5	1	< 0.5	11	26	2.99	875	1	9	4	54	< 5	< 5	
550073	201	238	75	1	< 0.5	13	34	3.46	1035	1	11	6	58	50	100	
550074	201	238	< 5	2	< 0.5	17	98	9.64	4790	2	11	12	48	< 5	< 5	
550075	201	238	15	< 1	< 0.5	12	39	4.19	1725	1	10	6	34	35	< 5	
550076	201	238	5	< 1	< 0.5	18	102	3.82	2380	2	16	6	62	5	10	
550077	201	238	< 5	3	< 0.5	19	75	7.24	4720	1	16	10	72	< 5	< 5	
550078	201	238	< 5	3	< 0.5	13	150	10.45	3930	8	11	8	52	5	< 5	
550079	201	238	< 5	3	< 0.5	38	85	11.00	>10000	7	20	12	98	< 5	< 5	
550080	201	238	10	1	< 0.5	18	116	4.23	1350	1	15	8	52	10	< 5	
550081	201	238	< 5	2	< 0.5	21	106	6.31	2400	12	14	10	138	5	< 5	
550082	201	238	< 5	< 1	< 0.5	18	88	3.78	3260	3	10	4	92	< 5	< 5	
550083	201	238	< 5	< 1	< 0.5	15	95	3.47	1620	< 1	10	4	64	< 5	< 5	
550084	201	238	5	2	< 0.5	16	84	3.51	875	< 1	14	6	74	< 5	10	
550085	201	238	35	2	< 0.5	14	62	3.22	670	< 1	14	4	78	70	< 5	
550086	201	238	< 5	2	< 0.5	26	79	4.60	4010	2	19	6	76	< 5	< 5	
550087	201	238	10	2	< 0.5	16	60	3.39	795	< 1	16	6	72	20	< 5	
550088	201	238	< 5	2	< 0.5	17	70	3.38	890	< 1	18	6	62	5	< 5	
550089	201	238	20	2	< 0.5	18	82	3.95	750	< 1	18	4	68	30	15	
550113	201	238	< 5	1	< 0.5	5	17	2.09	305	1	5	8	42	< 5	< 5	
550114	201	238	< 5	1	< 0.5	11	22	4.58	1445	3	8	10	66	< 5	< 5	
550115	201	238	< 5	1	< 0.5	14	21	5.59	880	1	9	10	92	< 5	< 5	
550116	201	238	10	1	< 0.5	10	16	3.42	1025	1	6	4	54	< 5	25	
550117	201	238	< 5	< 1	< 0.5	6	18	1.78	355	< 1	5	6	40	< 5	< 5	
550118	201	238	< 5	< 1	0.5	8	21	1.77	680	< 1	9	14	74	< 5	< 5	
550119	201	238	5	< 1	< 0.5	12	25	2.79	4620	1	8	14	66	10	< 5	
550120	201	238	< 5	1	< 0.5	21	53	4.82	1800	< 1	13	8	54	< 5	< 5	
550121	201	238	< 5	< 1	< 0.5	7	51	2.10	545	< 1	8	6	28	< 5	< 5	
550122	201	238	5	2	< 0.5	8	23	4.32	275	< 1	8	8	30	< 5	10	
550123	201	238	5	4	< 0.5	18	49	4.45	2760	1	16	4	56	10	< 5	
550124	201	238	85	3	< 0.5	18	78	4.97	1135	< 1	19	6	58	15	155	
550125	201	238	210	3	< 0.5	14	50	3.97	635	1	15	6	54	10	410	

CERTIFICATION: B. Campbell

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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To: WESTMIN MINES LTD.

P.O. Box 49066, The Bentall Centre
VANCOUVER, BC
V7X 1C4

Project: WUDLEAU 6203
Comments: CC: RON LANE

Certificate Date: 15-JUL-91
Invoice No. :19117329
P.O. Number :

CERTIFICATE OF ANALYSIS A9117329

SAMPLE DESCRIPTION	PREP CODE		Au check	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	Au ppb FA+AA	Au ppb FA+AA	
550031	201	288	10	1	< 0.5	7	12	2.43	715	1	4	8	34	< 5	15	
550032	201	288	100	2	< 0.5	7	12	3.05	565	2	4	12	46	< 5	200	
550033	201	288	40	5	< 0.5	16	35	13.25	880	8	8	20	108	< 5	80	
550034	201	288	< 5	2	< 0.5	49	23	>15.00	>10000	13	6	26	86	< 5	< 5	
550035	201	288	5	2	< 0.5	16	57	4.55	890	< 1	15	4	58	5	< 5	
550036	201	288	< 5	2	< 0.5	24	44	6.16	4760	9	13	14	86	< 5	< 5	
550037	201	288	10	2	< 0.5	17	47	5.94	795	< 1	15	8	52	5	15	
550038	201	288	80	3	< 0.5	14	23	3.98	2260	1	9	10	52	80	75	
550039	201	288	< 5	< 1	< 0.5	17	42	4.54	1145	< 1	14	12	78	< 5	< 5	
550040	201	288	120	2	< 0.5	15	16	4.10	>10000	1	6	10	42	240	< 5	
550041	201	288	< 5	1	< 0.5	6	9	1.87	675	< 1	5	4	20	< 5	< 5	
550042	201	288	65	2	< 0.5	16	46	4.79	640	< 1	15	8	50	30	95	
550043	201	288	140	3	< 0.5	19	66	4.63	1135	< 1	14	10	70	35	245	
550044	201	288	195	4	< 0.5	17	56	4.21	810	1	16	10	54	390	< 5	
550045	201	288	20	2	< 0.5	18	68	4.36	1055	< 1	14	10	68	15	25	
550046	201	288	20	1	< 0.5	10	32	2.79	1135	< 1	10	8	36	< 5	40	
550047	201	288	320	2	< 0.5	18	73	4.24	1115	< 1	13	10	72	5	630	
550048	201	288	20	3	< 0.5	18	73	4.08	1085	< 1	14	6	72	10	25	
550049	201	288	5	3	< 0.5	17	66	3.38	825	< 1	14	8	64	< 5	5	
550050	201	288	25	3	< 0.5	17	75	4.40	970	< 1	14	8	68	20	30	
* 550090	201	288	40	9	< 0.5	17	221	3.79	585	< 1	18	8	74	30	50	
550091	201	288	170	4	< 0.5	19	98	3.54	845	< 1	29	8	58	< 5	335	
550092	201	288	10	5	< 0.5	19	100	3.60	615	< 1	20	10	56	< 5	15	
550093	201	288	< 5	5	< 0.5	19	70	3.31	1595	< 1	21	10	60	< 5	< 5	
550094	201	288	< 5	14	< 0.5	15	99	2.99	860	< 1	18	10	94	< 5	< 5	
550095	201	288	10	9	< 0.5	14	120	2.59	1015	< 1	18	8	56	20	< 5	
550096	201	288	< 5	11	< 0.5	20	155	3.40	940	< 1	26	8	70	< 5	< 5	
550097	201	288	< 5	16	< 0.5	25	145	4.40	775	< 1	29	10	68	< 5	< 5	
550098	201	288	< 5	11	< 0.5	18	126	2.90	640	< 1	21	4	58	< 5	< 5	
550099	201	288	< 5	7	< 0.5	19	84	3.34	700	< 1	20	4	62	< 5	< 5	
550100	201	288	< 5	5	< 0.5	20	79	3.13	715	< 1	20	2	60	< 5	< 5	
550126	201	288	215	3	< 0.5	16	48	5.24	695	< 1	14	8	46	145	280	
550127	201	288	< 5	2	< 0.5	20	68	5.22	915	< 1	20	6	58	< 5	< 5	
550128	201	288	5	2	< 0.5	19	82	3.53	785	< 1	19	4	54	< 5	10	
550129	201	288	< 5	3	< 0.5	20	49	6.87	1815	1	11	4	58	< 5	< 5	
550130	201	288	40	2	< 0.5	14	32	5.75	395	< 1	13	10	38	70	10	
550131	201	288	15	2	< 0.5	13	46	3.43	580	1	11	4	38	< 5	30	
550132	201	288	< 5	2	< 0.5	20	62	5.11	4160	4	14	6	84	< 5	< 5	
550133	201	288	15	1	< 0.5	22	114	4.49	2960	1	15	10	98	15	10	
550134	201	288	< 5	1	< 0.5	12	57	2.82	510	< 1	10	6	42	< 5	< 5	

CERTIFICATION: S. Carlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: WESTMIN MINES LTD.

P.O. Box 49066, The Bentall Centre
VANCOUVER, BC
V7X 1C4

Project : WUDLEAU-6203
Comments: CC: RON LANE

Certificate Date: 15-JUL-91
Invoice No. :I9117329
P.O. Number :

CERTIFICATE OF ANALYSIS A9117329

SAMPLE DESCRIPTION	PREP CODE		Au check	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	Au ppb FA+AA	Au ppb FA+AA	
550135	201	288	60	1	< 0.5	4	16	1.78	290	< 1	4	4	18	< 5	115	
550136	201	288	10	2	< 0.5	11	40	2.41	660	< 1	8	6	38	< 5	15	
550137	201	288	45	3	< 0.5	13	49	3.18	495	< 1	12	8	44	85	< 5	
550138	201	288	15	3	< 0.5	13	64	2.88	895	< 1	10	2	52	25	< 5	
550139	201	288	10	2	< 0.5	17	77	3.24	4380	1	14	6	72	< 5	20	
550140	201	288	< 5	3	< 0.5	13	46	2.81	415	< 1	14	8	62	< 5	< 5	
550141	201	288	< 5	11	< 0.5	16	197	2.80	820	< 1	20	4	46	< 5	< 5	
550142	201	288	10	3	< 0.5	8	72	2.86	365	< 1	8	2	30	10	5	
550144	201	288	< 5	1	< 0.5	18	221	3.83	1175	< 1	18	8	62	< 5	< 5	
550145	201	288	< 5	11	0.5	16	275	2.95	920	1	24	4	38	< 5	< 5	
550146	201	288	5	5	< 0.5	12	327	2.28	555	2	21	12	40	< 5	10	
550147	201	288	215	16	< 0.5	21	76	4.83	1110	< 1	22	8	84	260	170	
550148	201	288	85	7	< 0.5	12	32	3.27	980	1	16	4	72	120	45	
550149	201	288	< 5	6	< 0.5	14	43	3.63	960	2	21	8	92	< 5	< 5	
550150	201	288	< 5	20	< 0.5	20	100	4.79	1610	< 1	27	10	102	< 5	< 5	
550151	201	288	< 5	2	< 0.5	16	60	4.07	865	< 1	12	6	54	< 5	< 5	
550152	201	288	50	2	< 0.5	13	56	3.51	530	< 1	11	6	50	40	55	
550153	201	288	< 5	4	< 0.5	15	68	3.68	605	< 1	12	6	50	< 5	< 5	
550154	201	288	< 5	2	< 0.5	12	77	2.86	765	< 1	11	6	50	< 5	< 5	
550155	201	288	10	2	< 0.5	16	78	3.01	600	< 1	13	2	56	15	< 5	
550156	201	288	30	1	< 0.5	16	51	5.37	1765	< 1	11	10	50	55	< 5	
550157	201	288	< 5	1	< 0.5	15	63	3.17	1640	< 1	14	6	64	< 5	< 5	
550158	201	288	< 5	1	< 0.5	13	76	2.79	850	< 1	13	4	44	< 5	< 5	
550159	201	288	105	1	< 0.5	14	79	3.57	830	< 1	13	4	54	185	20	
550160	201	288	5	2	< 0.5	13	178	3.20	1030	< 1	21	6	66	5	< 5	
550161	201	288	5	7	< 0.5	14	65	7.17	1350	1	12	8	54	10	< 5	
550162	201	288	220	6	< 0.5	15	71	3.25	760	< 1	14	4	48	< 5	440	
550201	201	288	< 5	10	< 0.5	17	89	3.16	1205	< 1	19	2	70	< 5	< 5	
550202	201	288	< 5	5	< 0.5	17	67	2.97	585	< 1	16	6	54	< 5	< 5	
550203	201	288	10	5	< 0.5	17	79	3.28	600	< 1	20	6	64	< 5	15	
550204	201	288	< 5	2	< 0.5	19	86	3.60	700	< 1	22	4	66	< 5	< 5	
550205	201	288	60	3	< 0.5	19	62	3.35	1125	< 1	18	8	72	115	< 5	
550206	201	288	< 5	9	< 0.5	17	71	3.32	705	< 1	16	2	62	< 5	< 5	
550207	201	288	60	6	< 0.5	17	74	3.54	705	< 1	19	8	62	40	80	
550208	201	288	25	6	< 0.5	15	67	3.59	505	< 1	16	4	58	15	30	
550209	201	288	< 5	3	0.5	13	120	2.83	550	< 1	15	8	66	< 5	< 5	
550210	201	288	10	4	0.5	12	185	2.91	515	< 1	14	6	58	5	10	
550211	201	288	145	3	< 0.5	18	65	4.50	780	< 1	23	6	74	235	50	
550212	201	288	10	1	< 0.5	19	71	4.35	1045	< 1	25	10	80	10	10	
550213	201	288	< 5	2	< 0.5	15	113	2.75	500	< 1	33	4	54	< 5	< 5	

CERTIFICATION: B. Caplin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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To: WESTMIN MINES LTD.

P.O. Box 49066, The Bentall Centre
VANCOUVER, BC
V7X 1C4

Project : WUDLEAU-6203
Comments: CC: RON LANE

Certificate Date: 15-JUL-91
Invoice No. : I9117329
P.O. Number :

CERTIFICATE OF ANALYSIS A9117329

SAMPLE DESCRIPTION	PREP CODE		Au check	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	Au ppb FA+AA	Au ppb FA+AA	
550214	201	288	5	1	< 0.5	14	79	3.48	1180	< 1	18	8	56	10	< 5	
550215	201	288	110	3	< 0.5	17	57	4.16	595	< 1	23	4	74	20	195	
550216	201	288	15	5	< 0.5	18	84	4.03	1190	1	26	10	78	5	20	
550217	201	288	10	3	< 0.5	12	79	3.05	470	< 1	11	8	48	20	< 5	
550218	201	288	10	5	< 0.5	19	99	4.99	1270	< 1	23	8	74	10	10	
550219	201	288	15	2	< 0.5	18	108	3.74	1670	< 1	32	4	66	25	5	
550220	201	288	215	5	< 0.5	16	60	4.31	700	< 1	21	6	68	330	100	
550221	201	288	< 5	2	< 0.5	14	49	3.35	1650	< 1	14	6	48	< 5	< 5	
550222	201	288	75	5	< 0.5	17	55	4.49	760	< 1	20	8	68	80	65	
550223	201	288	50	4	< 0.5	19	55	4.67	1020	< 1	23	4	84	75	25	
550224	201	288	25	7	< 0.5	17	70	4.37	1000	< 1	22	6	74	20	25	
550225	201	288	30	3	< 0.5	19	75	4.69	880	1	24	8	152	< 5	60	
550226	201	288	20	5	< 0.5	21	90	5.63	1130	4	33	12	204	25	10	
550227	201	288	40	5	< 0.5	19	58	4.37	1195	< 1	21	4	84	20	60	
550228	201	288	65	2	< 0.5	13	58	3.31	445	< 1	17	6	64	105	25	
550229	201	288	25	5	< 0.5	18	69	3.89	905	< 1	23	4	74	10	35	
550230	201	288	35	5	< 0.5	15	84	4.19	815	1	21	10	88	< 5	65	

CERTIFICATION: B. Caplin

Chemex Labs Ltd.

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WESTMIN MINES LTD.

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Project : WUDLEAU-6203
Comments: CC: RON LANE

Certificate Date: 17-JUL-91
Invoice No. : I9117683
P.O. Number :

CERTIFICATE OF ANALYSIS A9117683

SAMPLE DESCRIPTION	PREP CODE		Au check	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	Au ppb FA+AA	Au ppb FA+AA	
550143	201	238	< 5	3	< 0.5	14	233	2.49	1095	< 1	21	2	52	< 5	< 5	
550231	201	238	60	3	1.0	13	181	3.13	730	< 1	22	4	82	< 5	120	
550232	201	238	< 5	4	0.5	14	205	3.53	730	< 1	20	6	78	< 5	< 5	
550233	201	238	< 5	3	< 0.5	14	57	3.79	615	< 1	22	6	94	< 5	< 5	
550234	201	238	5	2	< 0.5	17	51	3.74	1145	1	20	4	86	5	< 5	
550235	201	238	45	5	< 0.5	18	55	4.10	1460	1	22	8	80	40	50	
550236	201	238	< 5	3	< 0.5	17	75	3.88	705	< 1	23	6	82	< 5	< 5	
550237	201	238	35	9	< 0.5	18	51	4.05	1215	1	29	6	100	45	10	
550238	201	238	90	3	< 0.5	16	56	3.78	785	< 1	19	4	82	10	165	
550239	201	238	35	12	< 0.5	29	59	6.36	1580	4	33	8	108	< 5	65	
550240	201	238	5	10	< 0.5	20	63	5.62	1740	4	28	8	96	< 5	5	
550241	201	238	10	9	< 0.5	19	55	4.97	4770	6	25	6	104	15	< 5	
550242	201	238	< 5	1	< 0.5	11	259	2.79	995	< 1	12	8	78	< 5	< 5	
550243	201	238	25	1	1.5	11	341	2.64	960	< 1	13	4	50	20	25	
550244	201	238	15	1	1.0	13	337	3.03	625	< 1	13	4	50	15	15	
550245	201	238	5	< 1	< 0.5	14	81	3.64	985	< 1	9	4	102	5	< 5	
550246	201	238	< 5	< 1	< 0.5	16	61	3.68	815	< 1	13	4	94	< 5	< 5	
550247	201	238	< 5	1	< 0.5	22	44	4.67	1660	5	10	8	50	< 5	< 5	
550248	201	238	< 5	< 1	< 0.5	9	27	3.96	1250	2	7	6	34	< 5	< 5	
550249	201	238	5	< 1	< 0.5	18	38	6.73	4210	2	10	8	56	5	< 5	
550250	201	238	560	5	1.0	15	100	3.31	1335	< 1	19	6	70	495	625	
550251	201	238	5	11	0.5	12	148	2.89	680	< 1	22	6	44	< 5	10	
550252	201	238	40	15	< 0.5	18	90	4.22	1050	< 1	23	4	74	55	25	
550253	201	238	5	5	< 0.5	14	88	3.87	725	< 1	16	6	62	< 5	5	
550254	201	238	< 5	27	< 0.5	18	70	4.40	2050	1	25	6	84	< 5	< 5	
550255	201	238	< 5	4	< 0.5	14	70	3.44	415	3	23	4	78	< 5	< 5	
550256	201	238	80	5	< 0.5	14	38	3.61	1455	3	21	6	98	160	< 5	
550257	201	238	< 5	5	< 0.5	14	36	3.71	1075	3	21	8	106	< 5	< 5	
550258	201	238	10	4	< 0.5	12	27	4.08	1875	3	15	6	82	10	5	
550259	201	238	< 5	3	< 0.5	8	26	2.74	1560	1	12	8	94	< 5	< 5	
550260	201	238	10	5	< 0.5	14	48	4.58	800	3	21	8	100	15	< 5	
550261	201	238	75	4	< 0.5	15	38	3.67	1435	3	21	8	112	140	5	
550262	201	238	20	16	< 0.5	10	52	4.78	740	2	21	8	126	30	10	
550263	201	238	15	30	< 0.5	11	30	3.91	2530	6	17	6	82	25	< 5	
550264	201	238	40	50	< 0.5	20	43	6.21	800	5	22	10	138	75	< 5	
550265	201	238	5	32	< 0.5	31	49	6.82	4180	10	29	6	130	10	< 5	
550301	201	238	5	5	< 0.5	11	92	2.60	785	< 1	16	6	64	10	< 5	
550302	201	238	25	11	< 0.5	12	145	2.55	1125	< 1	17	2	46	45	< 5	
550303	201	238	5	22	< 0.5	19	121	3.66	845	< 1	22	2	66	5	< 5	
550304	201	238	< 5	20	< 0.5	20	150	3.66	710	< 1	20	6	64	< 5	< 5	

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

WESTMIN MINES LTD.

P.O. Box 49066, The Bentall Centre
VANCOUVER, BC
V7X 1C4

Project : WUDLEAU-6203
Comments: CC: RON LANE

Page Nur. :2
Total Pages :2
Certificate Date: 17-JUL-91
Invoice No. :I9117683
P.O. Number :

CERTIFICATE OF ANALYSIS A9117683

SAMPLE DESCRIPTION	PREP CODE		Au check	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	Au ppb FA+AA	Au ppb FA+AA	
550305	201	238	10	14	< 0.5	13	113	2.47	1295	< 1	17	6	48	15	< 5	
550306	201	238	25	20	< 0.5	19	157	3.69	745	< 1	24	4	68	45	5	
550307	201	238	< 5	20	< 0.5	9	108	2.35	470	< 1	17	2	32	< 5	< 5	
550308	201	238	< 5	19	< 0.5	20	259	3.91	1720	< 1	33	4	52	< 5	< 5	

CERTIFICATION: B. Caplan

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: WESTMIN MINES LTD.

P.O. Box 49066, The Bentall Centre
VANCOUVER, BC
V7X 1C4

Project : WUDLEAU-6203
Comments: CC: RON LANE

Page Number :1
Total Pages :1
Certificate Date: 17-JUL-91
Invoice No. :I9117686
P.O. Number :

CERTIFICATE OF ANALYSIS A9117686

SAMPLE DESCRIPTION	PREP CODE		Au check	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	Au ppb FA+AA	Au ppb FA+AA	
550266	201	238	< 5	24	< 0.5	22	331	5.84	1425	< 1	43	8	74	< 5	< 5	
550267	201	238	5	34	< 0.5	19	744	3.12	1360	< 1	37	6	48	5	< 5	
550268	201	238	55	32	< 0.5	12	347	2.52	665	< 1	26	6	38	90	20	
550269	201	238	< 5	16	< 0.5	10	155	2.05	1175	< 1	20	4	50	< 5	< 5	
550270	201	238	< 5	15	< 0.5	14	126	2.09	1695	1	20	6	46	< 5	< 5	
550271	201	238	5	32	0.5	14	286	2.36	1025	1	28	6	46	< 5	5	
550272	201	238	10	3	< 0.5	13	155	2.73	840	< 1	6	2	44	40	< 5	
550273	201	238	< 5	2	< 0.5	10	93	2.60	510	< 1	8	4	34	< 5	< 5	
550309	201	238	35	9	< 0.5	16	177	2.68	1130	< 1	16	4	44	20	45	
550310	201	238	140	27	< 0.5	23	133	4.68	1390	< 1	35	12	104	50	230	
550311	201	238	10	16	< 0.5	19	133	3.47	955	< 1	23	6	70	10	10	
550312	201	238	< 5	14	< 0.5	15	102	2.99	1040	< 1	19	4	58	< 5	< 5	
550313	201	238	< 5	11	< 0.5	14	76	3.17	420	< 1	18	4	58	< 5	< 5	
550314	201	238	5	14	< 0.5	13	64	2.80	665	< 1	18	4	48	5	5	
550315	201	238	5	16	< 0.5	17	88	3.65	785	< 1	22	6	62	< 5	5	
550316	201	238	110	19	< 0.5	18	88	3.92	875	< 1	22	8	72	40	180	
550317	201	238	145	11	< 0.5	18	84	4.36	795	< 1	21	4	82	240	50	
550318	201	238	< 5	2	< 0.5	17	74	4.08	1205	< 1	12	8	72	< 5	< 5	
550319	201	238	10	< 1	< 0.5	15	43	3.06	930	< 1	11	6	56	5	10	
550320	201	238	10	1	< 0.5	17	93	4.34	1475	< 1	9	6	80	10	10	
550321	201	238	5	3	< 0.5	23	46	4.86	>10000	8	11	6	58	< 5	10	
550322	201	238	5	2	< 0.5	18	77	3.82	1485	< 1	13	4	88	5	< 5	

CERTIFICATION: B. Campbell

ASSESSMENT REPORT

VALLEY GIRL PROPERTY

PHYSICAL WORK
EXCAVATOR TEST PITTING AND ACCESS TRAILS

undertaken on
CLAIM VG 4
AUGUST 18 - SEPT 4, 1991

OMINECA MINING DIVISION
NTS 93N/7W
Latitude 55° 29'N, Longitude 124° 54'W

Claim Owner
Imperial Metals Corporation

Operator and Funded By
Westmin Resources Limited

Report By

Ron W. Lane - Project Geologist
Westmin Resources Limited

NATION\A91-757

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I) EXPENDITURES

Excavator Contractor		
- access trail construction, test pits: 72 hr @ $93/hr		$6,696.00
- mob/de-mob		$500.00
- fuel		$450.00
Reclamation Work and Charges		$2,000.00
Charter Flying - Helicopter		$2,500.00
- of fuel, personnel, camp		
Expeditor		$200.00
Camp Expense		$1,125.00
Salaries - Project Geologist		$1,500.00
Salaries - Temp Geologist		$410.00
Travel Costs		$500.00
Telephone		$50.00
Maps and Reports		$500.00
		$16,431.00
	Overhead @10%	$1,643.00
		$18,074.00
	Rounded to	**$18,000.00**

Ron W. Lane
October 1, 1991

II) CERTIFICATION

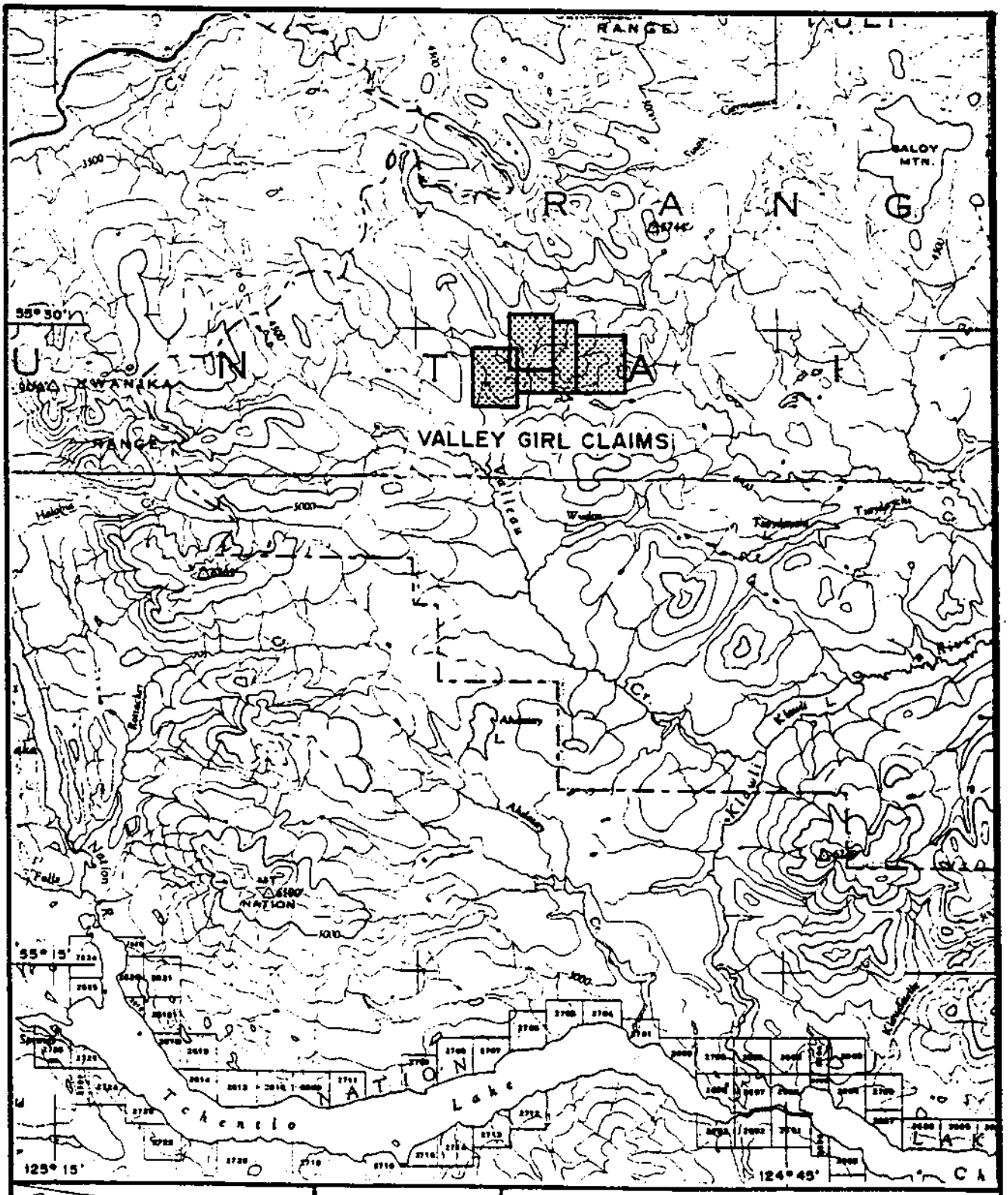
I, Ron W. Lane, of 7673 Sutton Place, North Delta, B.C. graduated in 1971 from the University of Alberta, Edmonton, Alberta, with a Bachelor of Science - majoring in Geology.

Since graduation, I have worked on a continuous basis as an exploration geologist, first for Cominco International (6½ years),Cominco Ltd (5½ years), and then for Westmin Resources (9 years). Work was undertaken in British Columbia, Alberta, Yukon Territory, Northwest Territories, Idaho, Southern Africa, and Italy.

I supervised the work undertaken on the Valley Girl property, which is described in this report.

Ron W. Lane
Project Geologist
WESTMIN RESOURCES LIMITED

III) ATTACHMENTS



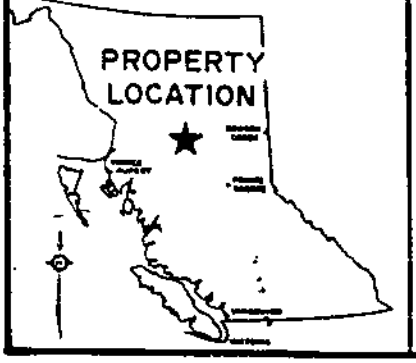


FIGURE 1 N.T.S. 93N

LOCATION MAP

Km 5 0 5 10 Km

SCALE: 1:250 000	GEOLOGIST: A.B. TAYLOR
DATE: JANUARY 1987	DRAWN BY: S. HAWORTH

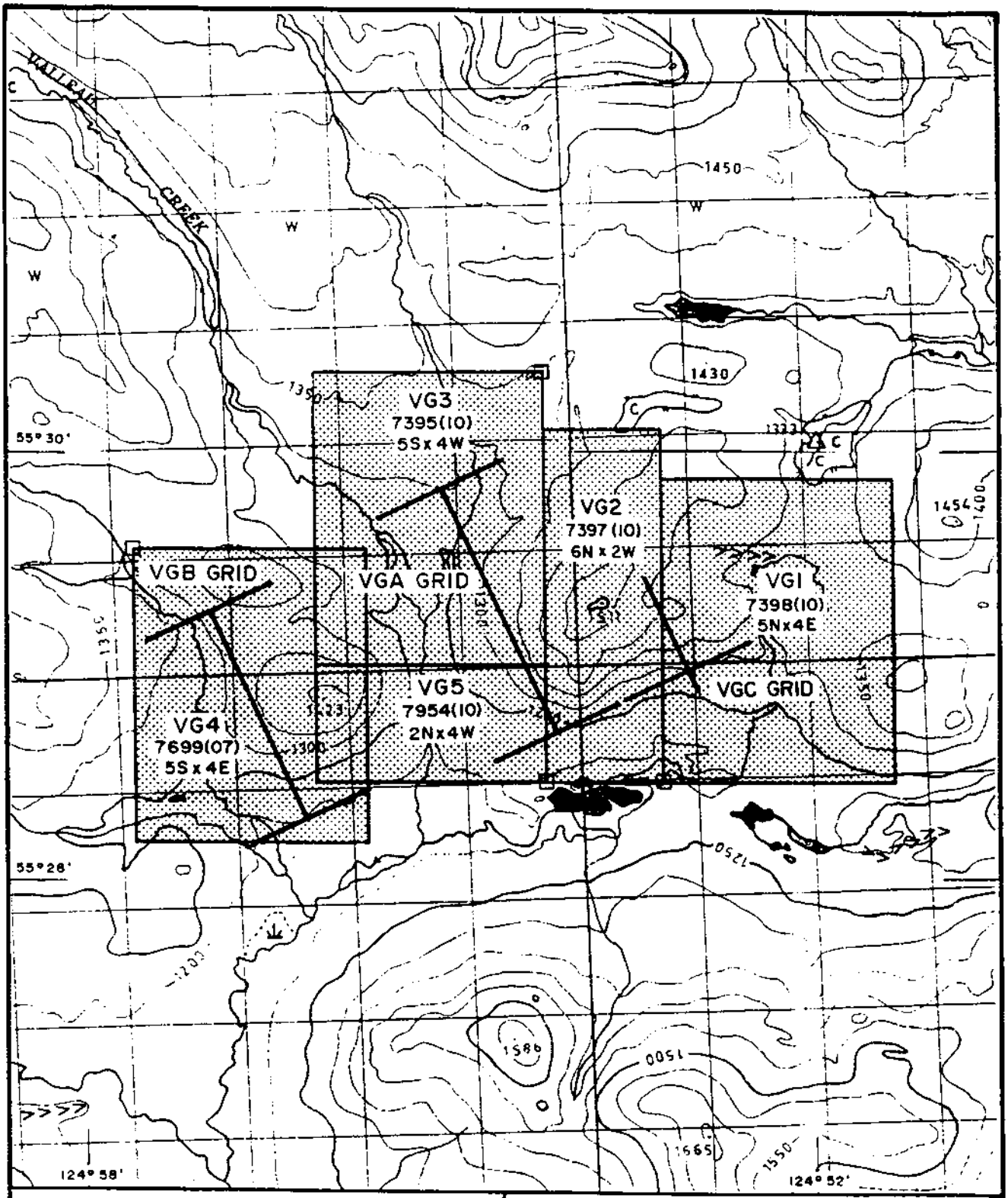
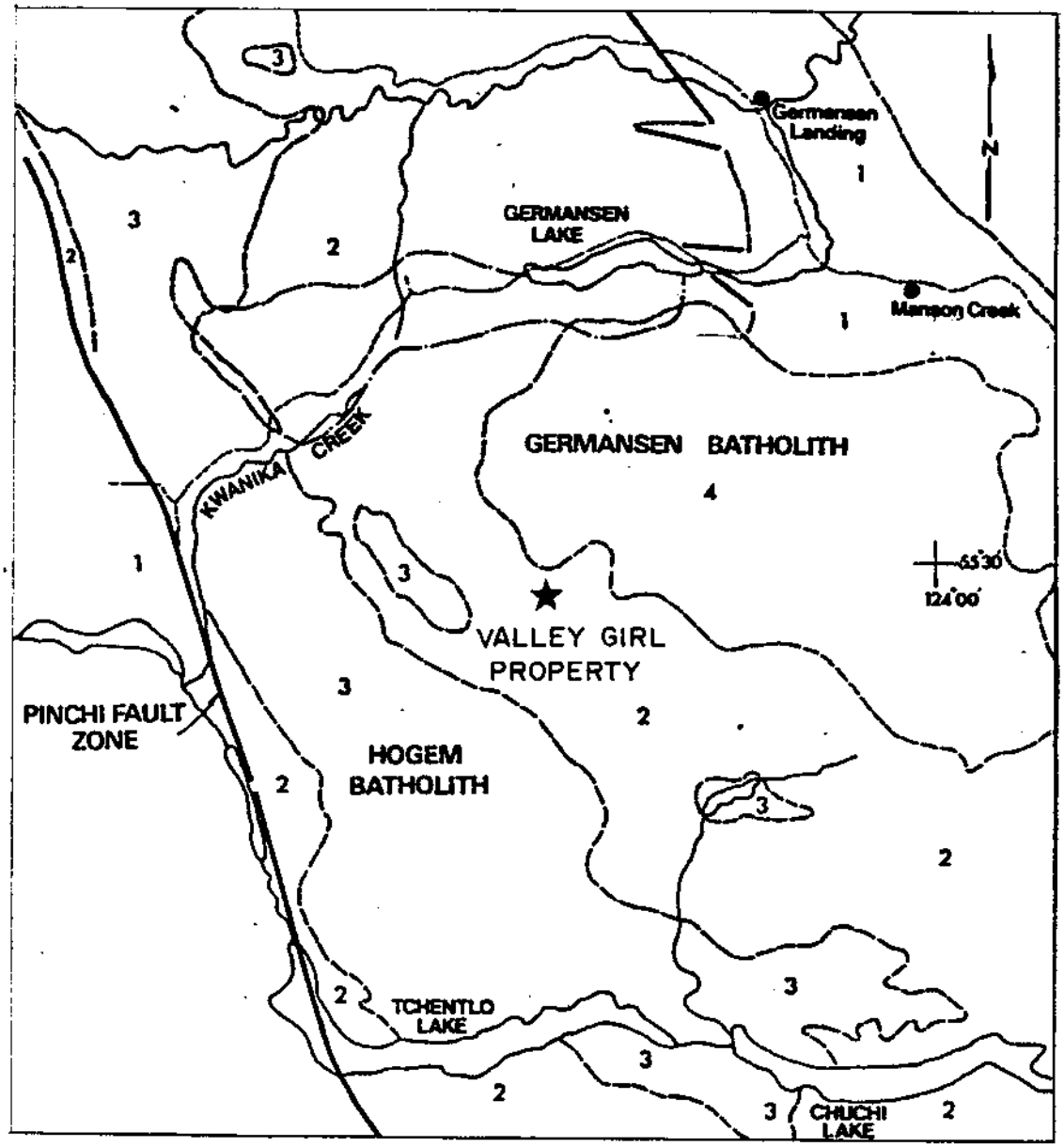


FIGURE 2 N.T.S. 93N/7 &10

CLAIM MAP

Km 1 0 1 2 Km

SCALE: 1:50 000	GEOLOGIST: S. B., D. J.
DATE: SEPT., 1989	DRAWN BY: S. HAWORTH



LEGEND

- Geologic Contact
- Faults
- Mapped Area
- Gravel Road

GEOLOGIC UNITS

4	Germansen Batholith
3	Hogem Batholith
2	Takla Group
1	Cache Creek Group

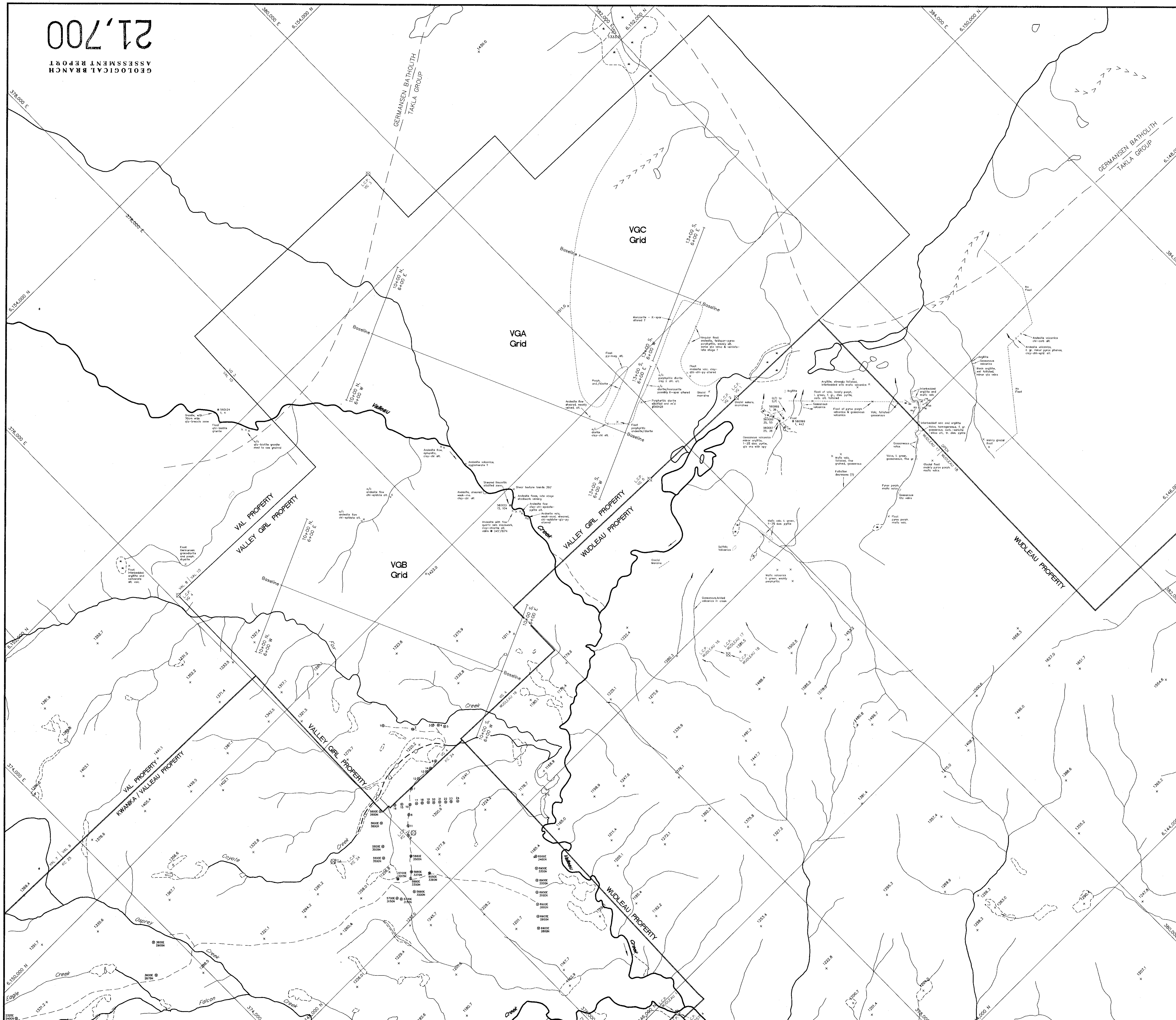
After Garnett, 1974 & Armstrong, 1949

FIGURE 2a

REGIONAL GEOLOGY

Km 10 0 10 20 Km

SCALE: 1:500 000	GEOLOGIST: A.B. TAYLOR
DATE: JANUARY 1987	DRAWN BY: S. HAWORTH



SYMBOLS

Spot Height	+ 78.6
Horizontal Control	
Road	
Creek	
Indefinite Creek	
Lake	
Swamp	
Esker	>>>>>
Test Pit	
Property Boundary	
Claim Boundary	
L.C.P. (Legal Corner Post) – location exact	
L.C.P. (Legal Corner Post) – location approximate	
TRAVERSE	
ROCK SAMPLE	560068 (Sample #) 1 Au(ppb), 38 Cu(ppm)

UNIVERSAL TRANSVERSE MERCATOR ZONE 10 NAD 1983

UTM GRID NORTH IS 1° 40' WEST OF TRUE NORTH

THE 1990 MAGNETIC BEARING IS 24°56' EAST OF GRID NORTH

ANNUAL CHANGE DECREASING 12'

LOWER PORTION OF MAP COMPILED BY HUGH HAMILTON LIMITED USING 1987 1:70,000 AERIAL PHOTOS. UPPER PORTION OF MAP COMPILED FROM 1975 TOPOGRAPHIC MAP OF ENERGY, MINES & RESOURCES, OTTAWA, AT 1:50,000 SCALE.

PHOTO CONTROL DERIVED FROM B.C. GOVERNMENT TRIM PROJECT

KWANIKA / VALLEAU (West) | KWANIKA / VALLEAU (East) | WUDLEAU (West) | WUDLEAU (East)

MAP KEY

Westmin Resources Limited

Work By: D.W. / M.J.
Date Drafted: 27/09/91
Drafted By: R.A. Ivany
Date Revised:
Revised By: R.W. Lane
N.T.S. Number: 93 N/7
File Name: VG_GEOL

VALLEY GIRL / WUDLEAU PROPERTY

GEOLOGY MAP

EXCAVATOR TEST PITS
ACCESS TRAILS

SCALE 1 : 10,000 (200 0 200 400 600m)

Figure 3

VGA Grid

VGB Grid

VGC Grid

GERMANSEN BATHOLITH
TAKLA GROUP

VAL PROPERTY
VALLEY GIRL PROPERTY
WUDLEAU PROPERTY
KWANIKA / VALLEAU PROPERTY

Valleau Creek
Coyote Creek
Osprey Creek
Eagle Creek
Falcon Creek
Fox Creek

Baseline
10+00 N, 6+00 E
10+00 N, 6+00 W
13+00 S, 6+00 E
13+00 S, 6+00 W

LCP VC 24
LCP VC 25
LCP WUDLEAU 16
LCP WUDLEAU 17
LCP WUDLEAU 18
LCP WUDLEAU 19

Grid UTM NORTH

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,700

SYMBOLS

Spot Height	+ 78.6
Horizontal Control	△
Road	— — —
Creek	----------
Indefinite Creek	————
Lake	
Swamp	
Esker	>>>>>
Test Pit	⊗
Property Boundary	————
Claim Boundary	————
L.C.P. (Legal Corner Post) — location exact	⊕
L.C.P. (Legal Corner Post) — location approximate	⊕
TRAVERSE	----------
ROCK SAMPLE	● 560068 (Sample #) 1 Au(ppb), 38 Cu(ppm)

UNIVERSAL TRANSVERSE MERCATOR ZONE 10 NAD 1983

UTM GRID NORTH IS 1° 40' WEST OF TRUE NORTH

THE 1990 MAGNETIC BEARING IS 24°56' EAST OF GRID NORTH

ANNUAL CHANGE DECREASING 12'

LOWER PORTION OF MAP COMPILED BY HUGH HAMILTON LIMITED USING 1987 1:70,000 AERIAL PHOTOS. UPPER PORTION OF MAP COMPILED FROM 1975 TOPOGRAPHIC MAP OF ENERGY, MINES & RESOURCES, OTTAWA, AT 1:50,000 SCALE.

PHOTO CONTROL DERIVED FROM B.C. GOVERNMENT TRIM PROJECT

MAP KEY

KWANIKA / VALLEAU (West) | KWANIKA / VALLEAU (East) | WUDLEAU (West) | WUDLEAU (East)

WESTMIN Westmin Resources Limited

Work By	D.W. / M.J.
Date Drafted	27/09/91
Drafted By	R.A. Ivany
Date Revised	
Revised By	R.W. Lane
N.T.S. Number	93 N/7
File Name	VG_GEOL

VALLEY GIRL / WUDLEAU PROPERTY
GEOLOGY MAP

200 0 200 400 600m
SCALE 1 : 10,000

Figure 3

UTM NORTH

GEOLOGICAL BRANCH ASSESSMENT REPORT

21,700

VGA Grid

VGB Grid

VGC Grid

GERMANSEN BATHOLITH
TAKLA GROUP

VAL PROPERTY
VALLEY GIRL PROPERTY
KWANIKA / VALLEAU PROPERTY
WUDLEAU PROPERTY

Baseline
10+00 N/S
0+00 E/W
13+00 S
6+00 E/W
L.C.P. 16 S
L.C.P. WUDLEAU 16
L.C.P. WUDLEAU 17
L.C.P. WUDLEAU 18
VAL 3
VAL 10
VAL 7
VAL 8
VAL 9
VAL 6
KC 24
KC 25
KC 26
WUDLEAU 16
WUDLEAU 17
WUDLEAU 18
Creek
Valleau
Osprey
Eagle
Falcon
Coyote
Fox

STREAM GEOCHEMISTRY

Au – ppb

- ○ 1 – 9
- ⊕ 1 – 19
- ◒ 20 – 49 (Anomalous)
- ◕ 50 – 99
- ● 100 – 199
- ■ 200 + (Very Anomalous)

487655 — Sample Number
25 @ 30gm — Au in ppb (25)
– Sample Weight in Grams (30)
20 @ 40gm – Weight Averaged Au in ppb (20)
– Total Sample Weight Analysed (40)

550,300 Numbers - 1991 Sampling

SYMBOLS

Spot Height	+ 78.6
Horizontal Control	△
Road	— — —
Creek	———
Indefinite Creek	— — —
Lake	
Swamp	
Esker	>>>>>
Test Pit	⊗
Property Boundary	———
Claim Boundary	———
L.C.P. (Legal Corner Post) – location exact	⊕
L.C.P. (Legal Corner Post) – location approximate	⊕

UNIVERSAL TRANSVERSE MERCATOR ZONE 10 NAD 1983

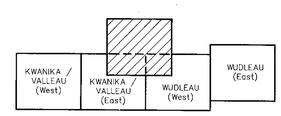
UTM GRID NORTH IS 1° 40' WEST OF TRUE NORTH

THE 1990 MAGNETIC BEARING IS 24°56' EAST OF GRID NORTH

ANNUAL CHANGE DECREASING 12'

LOWER PORTION OF MAP COMPILED BY HUGH HAMILTON LIMITED USING 1987 1:70,000 AERIAL PHOTOS. UPPER PORTION OF MAP COMPILED FROM 1975 TOPOGRAPHIC MAP OF ENERGY, MINES & RESOURCES, OTTAWA, AT 1:50,000 SCALE.

PHOTO CONTROL DERIVED FROM B.C. GOVERNMENT TRIM PROJECT



MAP KEY

Westmin Resources Limited

Work By	D.W. / M.J.
Date Drafted	February 1991
Drafted By	R.A. Ivany
Date Revised	26/09/91
Revised By	R.W. Lane
N.T.S. Number	93 N/7
File Name	VG_SILT

VALLEY GIRL / WUDLEAU PROPERTY
Au STREAM GEOCHEMISTRY

200 0 200 400 600m
SCALE 1 : 10,000

Figure 4

UTM NORTH

GEOLOGICAL BRANCH ASSESSMENT REPORT

21,700

VGA Grid

VGB Grid

VGC Grid

GERMANSEN BATHOLITH
TAKLA GROUP

VAL PROPERTY
VALLEY GIRL PROPERTY
KWANIKA / VALLEAU PROPERTY
WUDLEAU PROPERTY

Baseline
Creek
Coyote
Falcon
Osprey
Eagle

STREAM GEOCHEMISTRY

Cu – ppm

- 1 – 79
- 80 – 99
- 100 – 199 (Anomalous)
- 200 – 399
- 400 – 799
- 800 + (Very Anomalous)

487956 – Sample Number
146 – Cu in ppm

550,000 Numbers - 1991 Sampling

SYMBOLS

Spot Height	+ 78.6
Horizontal Control	△
Road	
Creek	
indefinite Creek	
Lake	
Swamp	
Esker	>>>>>
Test Pit	⊗
Property Boundary	
Claim Boundary	
L.C.P. (Legal Corner Post) – location exact	
L.C.P. (Legal Corner Post) – location approximate	

UNIVERSAL TRANSVERSE MERCATOR ZONE 10 NAD 1983

UTM GRID NORTH IS 1° 40' WEST OF TRUE NORTH

THE 1990 MAGNETIC BEARING IS 24°56' EAST OF GRID NORTH

ANNUAL CHANGE DECREASING 12'

LOWER PORTION OF MAP COMPILED BY HUGH HAMILTON LIMITED USING 1987 1:70,000 AERIAL PHOTOS. UPPER PORTION OF MAP COMPILED FROM 1975 TOPOGRAPHIC MAP OF ENERGY, MINES & RESOURCES, OTTAWA, AT 1:50,000 SCALE.

PHOTO CONTROL DERIVED FROM B.C. GOVERNMENT TRIM PROJECT

KWANIKA / VALLEAU (West) | KWANIKA / VALLEAU (East) | WUDLEAU (West) | WUDLEAU (East)

MAP KEY

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N.T.S. Number	93 N/7
File Name	VG_SILT

VALLEY GIRL / WUDLEAU PROPERTY
Cu STREAM GEOCHEMISTRY

200 0 200 400 600m
SCALE 1 : 10,000

Figure 5