LOG NO: FEB 01 1993 RD.
ACTION:

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1992 ASSESSMENT REPORT

WUDLEAU PROPERTY
GEOLOGICAL MAPPING, SOIL GEOCHEMICAL AND INDUCED POLARIZATION SURVEYS

OMINECA MINING DIVISION
NTS 93N/6E, 7, 10W
LATITUDE 55° 23.5', LONGITUDE 124° 49.5'

CLAIM OWNER AND OPERATOR
WESTMIN RESOURCES LIMITED

REPORT BY

MURRAY I. JONES, PROJECT GEOLOGIST
WESTMIN RESOURCES LIMITED

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VANCOUVER, B.C.

DECEMBER 16, 1992

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,757

RPT/92-011

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LIST OF FIGURES

1.0 SUMMARY

Fieldwork on the Wudleau property (Wudleau 1, 16, 17, 18 claims) was completed between June 18, 1992 and July 11, 1992. The work included linecutting, soil sampling, gradient-style induced polarization (IP) surveying and geological mapping.

The work was done on the Wudleau North Grid, extending from Line 46800N northerly to Valleau Creek and its eastern tributary, between Lines 77000E and 81500E. In addition to cutting an east-west baseline, perpendicular lines were cut at 1,000 m intervals to facilitate the induced polarization survey. Pace and compass flag lines were also established from the baseline, between the cut lines, at 200 m intervals, and the soil geochemistry and geophysical surveys were done on all grid lines. The grid also provided a base for geological mapping.

The work has identified a significant multi-element geochemical and induced polarization chargeability anomaly associated with carbonatized and foliated mafic volcanic rocks on the east side of the Wudleau North Grid covering an area of approximately 1.5 by 0.8 km. This anomaly merits followup work.

Recommendations for further work include:

- Further evaluation of the geological, geochemical and geophysical anomaly at the east end of the Wudleau North Grid using a pole-dipole IP survey to close off the anomaly to the east and north, and provide a vertical section of the chargeability anomaly to give a better idea of subsurface mineralization.
- Trenching of the anomaly in areas of near surface bedrock in conjunction with extensive chip sampling to test a good cross-section of the local geology and evaluate the near surface potential for economic mineralization.
- Depending on the results of the IP survey and the trenching, diamond drilling should be done in the area of most potential.

2.0 INTRODUCTION

2.1 Exploration Target

The primary exploration target is large tonnage low grade alkaline porphyry Au-Cu deposits of similar or better grade than the Mt. Milligan deposit. Secondary exploration target is moderate tonnage high grade Au-Cu-Zn sulphide deposits in fracture zones adjacent to or crosscutting Au-Cu porphyry mineralization.

2.2 Location and Access (Figure 1)

The Wudleau property is a 693 unit (12 by 19.5 km) northwest trending Au-Cu property situated 110 km north-northwest of Fort St. James and 55 km northwest of the Mt. Milligan porphyry Au-Cu deposit.

Access is via helicopter from numerous bases in the area. Pacific Western Helicopters Ltd. operates a base at Tchentlo Lake Lodge, situated on the western end of Tchentlo Lake Lodge. The Wudleau property is 30 to 36.5 km to the northeast and north-northeast, respectively, from this base.

In 1990 a trail suitable for 4-Trac all-terrain vehicles was established to the centre of the property by placer miners. In 1991 Westmin established an excavator access road through the Kwanika/Valleau property, to within 0.5 km of the northern property boundary of the Wudleau claims.

2.3 Topography

Topography varies from gently rolling to moderately mountainous, with elevations ranging from 997 m to 1,730 m. Most of the property is forest covered, consisting mainly of fir, balsam, pine and spruce, with alder in low lying, wet areas.

The area is extensively covered by thin to moderately thick glacial till, although outcrops are present, especially at higher elevations.

2.4 Exploration History

Previous to Westmin's recent activities, exploration on the Wudleau property was limited to government regional airborne magnetics, stream sediment sampling and mapping. The Wudleau property adjoins, or is situated near, several properties currently being tested for porphyry Au-Cu deposits, including the Kwanika/Valleau (Westmin), Phil, Klawli (also Westmin), Chuchi and Col properties.

Westmin's exploration of the Wudleau property to date includes airborne geophysical surveying and interpretation, stream sediment sampling at a detailed scale in conjunction with reconnaissance geological mapping and rock geochemical sampling, and soil sampling on several scattered grids. These activities were carried out in the fall of 1990 and the summer of 1991.

Westmin Resources Limited
MINING DIVISION

Work By
R.W. Lane
Date Drafted
January, 1991
Drafted By
Date Revised
Revised By
N.T.S. Number

WUDLEAU PROPERTY

LOCATION MAP

0 200km
SCALE 1:7,500,000

Figure
1

2.5 Mineral Claims (Figure 2)

The Wudleau property is 100% owned by Westmin Resources Limited, and was acquired by staking. The property totals 693 units, and consists of the claims listed in Table 1.

The 1992 Wudleau property exploration also covered the KC 24, 25 and 31 claims of the Kwanika/Valleau property.

3.0 REGIONAL GEOLOGY (Figure 3)

The Wudleau property is situated within the central portion of the Quesnel Trough, a 30 to 60 km wide by 1,300+ km long depositional basin which extends north-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 15 km west of the Wudleau 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 Lower Jurassic age (Rossland, Nicola, Takla, Stuhini Groups), which are intruded by comagmatic plutons. In the vicinity of the Wudleau property, the comagmatic plutons form a portion of the Hogem Batholith. The Hogem intrusions range in composition from granite to monzonite to pyroxenite. The somewhat younger Lower Cretaceous, granite to K-spar mega-crystic granodiorite of the Germansen Batholith borders Wudleau to the 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 in several places on Wudleau.

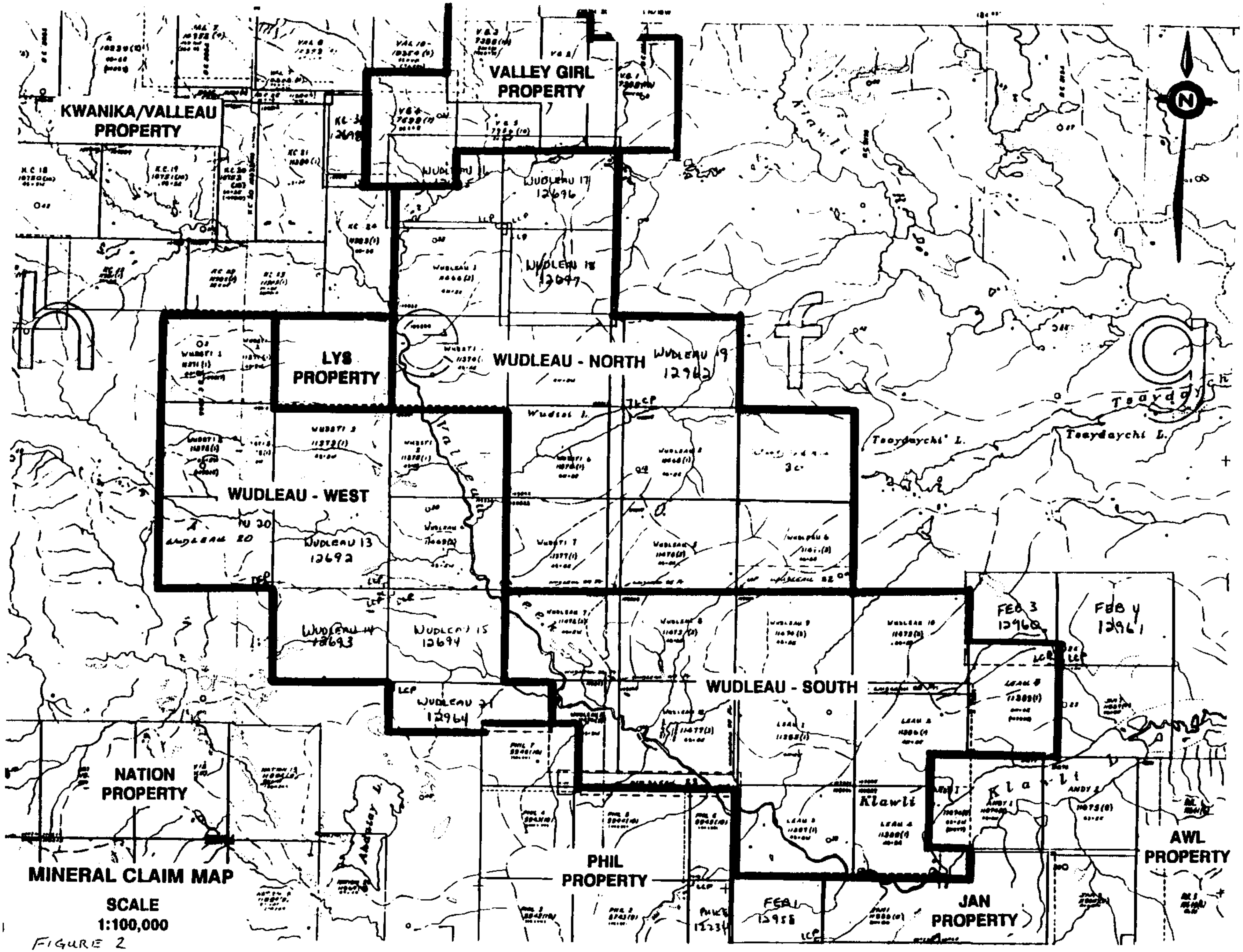
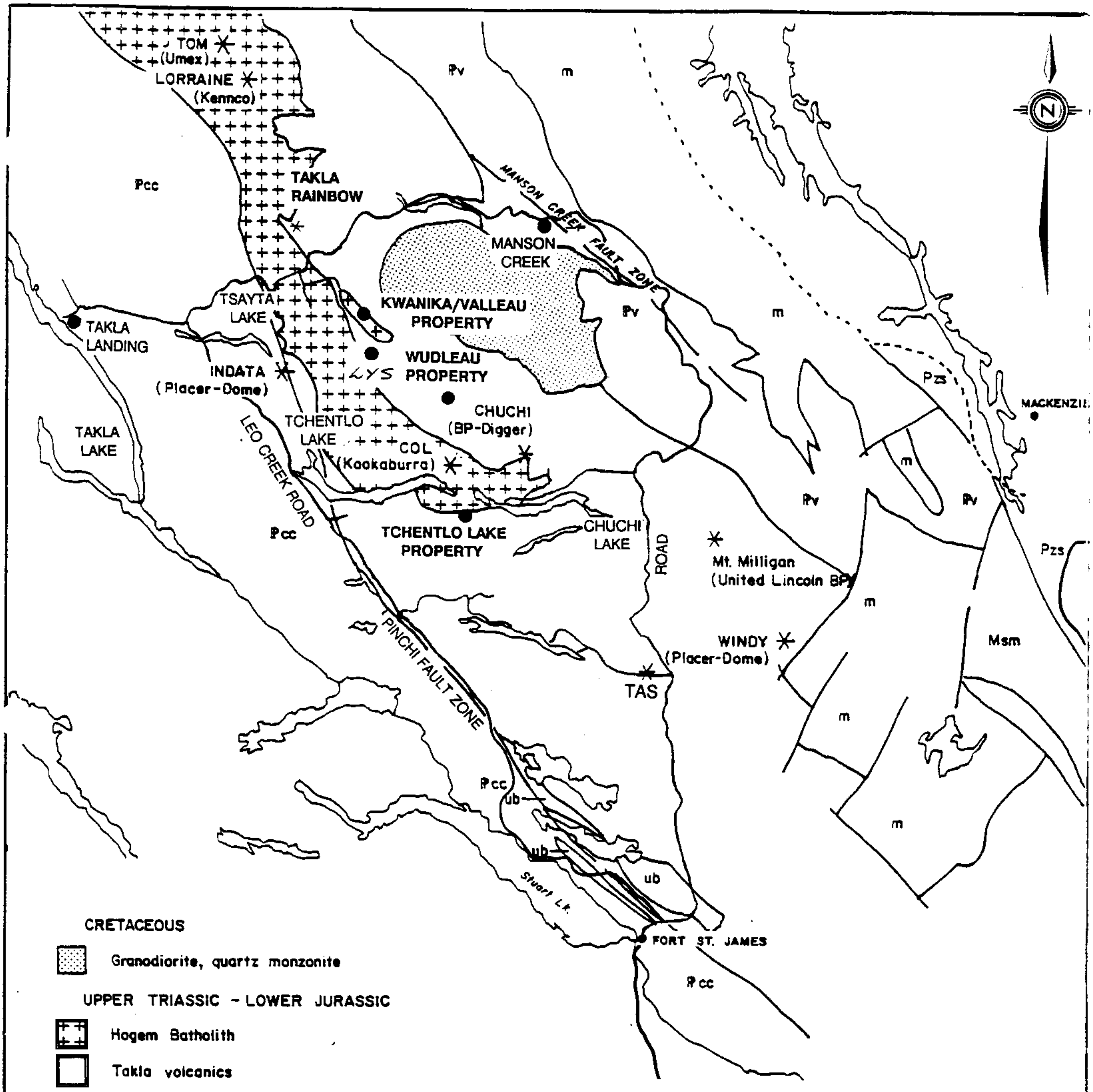

VALLEY GIRL PROPERTY
KWANIKA/VALLEAU PROPERTY
WUDLEAU 17 12696
WUDLEAU 18 12697
LYS PROPERTY
WUDLEAU - NORTH
WUDLEAU 19 12962
WUDLEAU - WEST
WUDLEAU 13 12692
WUDLEAU 20
WUDLEAU 14 12693
WUDLEAU 15 12694
WUDLEAU 21 12964
WUDLEAU - SOUTH
FEB 3 12960
FEB 4 12961
FEB 1 12958
Tsaydaychi L.
Klawli
Wudzi L.
Valleau
NATION PROPERTY
PHIL PROPERTY
JAN PROPERTY
AWL PROPERTY
N
MINERAL CLAIM MAP
SCALE
1:100,000

FIGURE 2

TABLE 1

MINERAL CLAIMS

Claim Name	Record No.	Units	Date Staked	Current Expiry Date (as per October 1991 Assessment)
Wudsti 1	11371	20	January 18, 1990	January 18, 1993
Wudsti 2	11372	20	January 18, 1990	January 18, 1993
Wudsti 3	11373	20	January 18, 1990	January 18, 1993
Wudsti 4	11374	20	January 17, 1990	January 17, 1994
Wudsti 5	11375	20	January 18, 1990	January 18, 1994
Wudsti 6	11376	20	January 18, 1990	January 18, 1993
Wudsti 7	11377	20	January 18, 1990	January 18, 1993
Leau 1	11385	20	January 20, 1990	January 20, 1994
Leau 2	11386	20	January 20, 1990	January 20, 1994
Leau 3	11387	20	January 20, 1990	January 20, 1993
Leau 4	11388	20	January 20, 1990	January 20, 1993
Leau 5	11389	20	January 19, 1990	January 19, 1993
Wudleau 1	11466	20	March 3, 1990	March 3, 1993
Wudleau 2	11467	20	March 3, 1990	March 3, 1993
Wudleau 3	11468	20	March 3, 1990	March 3, 1993
Wudleau 4	11469	20	March 1, 1990	March 1, 1994
Wudleau 5	11470	20	March 1, 1990	March 1, 1993
Wudleau 6	11471	20	March 2, 1990	March 2, 1993
Wudleau 7	11472	20	March 3, 1990	March 3, 1993
Wudleau 8	11473	20	March 2, 1990	March 2, 1993
Wudleau 9	11474	20	March 2, 1990	March 2, 1993
Wudleau 10	11475	20	March 2, 1990	March 2, 1993
Wudleau 11	11476	12	March 2, 1990	March 2, 1994
Wudleau 12	11477	20	March 3, 1990	March 3, 1994
Wudleau 13	12692	20	October 11, 1990	October 11, 1993
Wudleau 14	12693	20	October 12, 1990	October 12, 1993
Wudleau 15	12694	20	October 12, 1990	October 12, 1993
Wudleau 16	12695	20	October 14, 1990	October 14, 1992
Wudleau 17	12696	20	October 14, 1990	October 14, 1992
Wudleau 18	12697	20	October 14, 1990	October 14, 1992
Wudleau 19	12962	20	January 30, 1991	January 30, 1993
Wudleau 20	12963	20	January 30, 1991	January 30, 1994
Wudleau 21	12964	20	January 29, 1991	January 29, 1994
Wudleau 22	13080	05	March 6, 1991	March 6, 1994
Wudleau 23	13089	08	March 6, 1991	March 6, 1994
Wudleau 24	13144	01	March 25, 1991	March 25, 1994
Wudleau 25 Fr.	13145	01	March 25, 1991	March 25, 1994
Wudleau 26 Fr.	13146	01	March 25, 1991	March 25, 1994
Wudleau 27	13147	01	March 25, 1991	March 25, 1994
Wudleau 29 Fr.	13148	01	March 25, 1991	March 25, 1994
Wudleau 30	13131	20	March 27, 1991	March 27, 1994
Wudleau 30 Fr.	13149	01	March 25, 1991	March 25, 1994
Wudleau 31	13159	01	March 25, 1991	March 25, 1994
Wudleau 32 Fr.	13222	01	March 25, 1991	March 25, 1994
		693 ===		



CRETACEOUS

▨ Granodiorite, quartz monzonite

UPPER TRIASSIC - LOWER JURASSIC

+ Hogem Batholith

☐ Takla volcanics

PALAEOZOIC

Pv	Permian - Nina Creek volcanics
Pcc	Permian - Cache Creek Group
Msm	Mississippian - Slide Mountain Assembl.
Pzs	Cambrian to Devonian sediments
m	Wolverine Metamorphic Complex
ub	ultrabasic rocks
✳	significant prospect

0 20 40 km

scale: 1:1,000,000

WESTMIN Westmin Resources Limited
MINING DIVISION

Work By R.W. Lane	WUDLEAU PROPERTY
Date Drafted January, 1991	
Drafted By	REGIONAL GEOLOGICAL SETTING
Date Revised	
Revised By	
N.T.S. Number	0 60km SCALE 1:1,000,000

Figure
3

4.0 WUDLEAU NORTH GRID

The Wudleau North Grid covers a north facing slope on the south side of Valleau Creek. The grid lies on the Wudleau 1, 16, 17 and 18 claims. Work on the Wudleau North Grid consisted of linecutting, soil sampling, geological mapping and induced polarization surveying. Fifteen kilometres of line, including a 4.5 km baseline (tied into the Kwanika Extension Grid), were cut for the grid. A total of 309 soil samples were taken, again at 100 m intervals, along flagged and cut lines spaced 200 m apart. The sampling did not extend more than one or two stations into glacio-fluvial material which is found near the bottom of the valley at the north edge of the grid, along Valleau Creek and its tributaries. The IP survey covered 31.8 line km of the grid and extended to the north edge of the grid. A block of the grid, centred around Line 79000E and south of Station 47500N, was not surveyed because of the extensive bedrock exposure and the lack of indications of mineralization in the outcrops. Mapping was done over the entire grid and also to the south of the grid, along the ridge top.

4.1 Geological Mapping (Figure 4)

4.1.1 Geology

The Wudleau North Grid is dominated by mafic volcanic rocks of the Witch Lake Formation of the Takla Group. Most common are pyroxene and pyroxene-plagioclase porphyritic rocks (Map Units 3a and 3c), possibly crystal tuffs or flows, aphyric rocks (3d) and agglomeratic rocks (3f). Locally, fine-grained, apparently banded rocks were noted, possibly representing ash tuffs (3e). Several bands of sediments were also found within this dominantly volcanic sequence, generally consisting of carbonaceous to siliceous argillite (2a), but also containing some cherty layers (2b). These argillite are commonly interlayered with fine-grained mafic tuffs.

The homogeneous nature of the package of volcanic rocks makes determination of bedding direction difficult. Even the sediment layers do not have good bedding indicators, possibly obscured by a strong foliation. The outcrop patterns of all rock types are quite scattered, again making bedding trends difficult to distinguish. Regionally, the structural orientation which dominates in this area strikes about 130°, and this general strike fits the apparent distribution of the units in the Wudleau North area, with some local variations. The agglomerate unit seems to be restricted to the south edge of the grid, whereas the other units are scattered throughout the map area.

At the eastern edge of the grid there is a large argillite unit, at least 300 m thick, with some minor interbedded mafic volcanic units as well. The volcanic rocks which lie close to this argillite are pervasively carbonatized, resulting in deep, gossanous weathering. The alteration of these rocks has commonly broken down the mafic minerals, changing the pyroxene phenocrysts to less obvious chloritic spots, and giving the rocks a bleached appearance locally.

A section of sulphidic volcanic rocks crosses the grid area from about Line 79600E in the north to Line 80400E in the south. The sulphides are predominantly pyrrhotite, with lesser pyrite, although a trace of chalcopyrite has been noted in rocks in the south part of the section. The host for the sulphides is generally aphyric mafic volcanic rocks, but sulphidic pyroxene porphyritic rocks are also found. There is locally strong propylitic alteration associated with these sulphidic rocks as well.

4.1.2 Structure

There is a strong foliation present in the Wudleau North area, predominantly in the eastern half of the grid. The carbonatized volcanic rocks, east of about Line 80400E, are especially strongly foliated. The strike of this foliation varies between about 145° and 160°. The variation is probably due in part to difficulties in obtaining accurate measurements from the relatively poor outcrops. A second foliation is present in some outcrops. This second foliation is commonly oriented 165° to 180°, although quite different orientations have been found (e.g. 135°/80° W). In general, the foliations dip steeply to the west. Locally, bedding seems to follow the orientation of the foliation.

Numerous faults are indicated in the Wudleau North area from ground, geophysical and airphoto evidence. There are several prominent faults crossing the grid at 050° to 060°. These faults have associated brecciation and silicification and, locally, polyphase veining, but no significant visible mineralization. One such fault, near the south edge of the grid at Line 79200E, hosts what may be a crowded plagioclase porphyritic dyke, although the rock was sufficiently altered to obliterate most original textures. These faults seem to be quite young and are marked chargeability lows on the IP survey contour map.

There are also several north-south faults apparent in the area. These faults may be related to the secondary foliation observed. A good example of this fault orientation is found between Lines 80400E and 80600E, extending south over the ridge and beyond. The fault is manifested by a narrow gulley beyond the south edge of the grid and can be traced on the contour map of the IP survey to the north edge of the grid.

4.1.3 Alteration and Mineralization

Alteration is quite prominent on the Wudleau North Grid; however, mineralization is not as obvious. The widespread area of carbonatization and foliation of the volcanic rocks on the eastern side of the grid has within it areas of disseminated pyrite mineralization, as well as weak stockworks of quartz-calcite veinlets which contain trace amounts of chalcopyrite. An extremely bleached example of the carbonatized rocks found near Line 80800E/48400N contains minor disseminations of malachite(?) along with pyrite. Rock samples collected in this area were anomalous in Au (425 ppb in No. 560216), As (600 ppm in No. 560168) and Cu (408 ppm in No. 560218). It is possible that a late carbonatization event (related to intrusion of the nearby Germansen Batholith?) has overprinted earlier propylitic alteration in this area.

The sulphidic mafic volcanic rocks which cross the grid seem to form a halo to the carbonatized and more foliated rocks. There is local propylitic alteration of these rocks which corresponds to stronger sulphide mineralization in some samples. A sample of subangular float, found at Line 80400E/47900N (No. 560168), is strongly propyliticaliy altered and contains arsenopyrite and pyrite in a small chloritic shear which cuts through the rock. It is possible that these sulphidic rocks represent a peripheral zone to a porphyry system, although the alteration is quite weak.

4.2 **Soil Geochemistry** (Figures 5 and 6)

Soil samples were dug as deeply as possible, generally 30 to 50 cm, to try to obtain samples of unleached material, characterized by a greenish red-brown colour. The material sampled was generally glacial in origin, so interpretation of the soil geochemistry must be done with care. A soil survey on the adjoining Kwanika/Valleau property in 1991 demonstrated that in areas of relatively shallow overburden, less than 5 m depth, there is good spatial correlation between Au, and to a lesser extent Cu, anomalies in the soils and underlying mineralized bedrock. Consequently, it was assumed that there is some transfer of the metals to surface through the glacial overburden, even compact, clay-rich till. In areas of deeper overburden, there may be a component of down-ice movement of the surficial material to be considered, with coincident dilution of the metal concentrations. The spurious nature of geochemical values in samples from the 1991 survey taken in glacio-fluvial material makes interpretation of these samples impossible. Areas which are covered with thick glacio-fluvial material (e.g. outwash or esker material) were not sampled in this program. As a result, the north edge of the grid toward the valley bottom was not sampled due to the glacio-fluvial cover. To a certain extent, the results of the survey in areas which were sampled are dependent on the thickness of the glacial till cover. Areas of outcrop, or subcrop, tend to have slightly higher background response for the elements tested.

The soil sample survey on the Wudleau North Grid has identified a few anomalies. There is a very significant, multi-element anomaly, covering a large area in the eastern part of the grid, corresponding to the foliated and carbonatized volcanic rocks mapped in the geological survey. This anomaly extends from Lines 80400E to 81400E (the eastern edge of the grid) north of Baseline 48000N, and from Lines 80800E to 81400E south of Baseline 48000N. This area is anomalous in Au, As, Zn, Mo, Fe and Mn with less definitive responses in Cu and Pb. Ag seems to be peripheral to the overall anomaly, although anomalous Ag values are found where structures apparently cross the anomaly (e.g. from Lines 80400E/48200N to 81200E/48600N). The anomalous response is strongest for most of the elements in areas of outcrop, especially north of Baseline 48000N and from Station 47100N to Station 47500N on Lines 81200E and 81400E. In general, the concentration of the elements in the soil samples indicate a weak, or buried, mineralized system present over a large area.

There are also secondary anomalies present on the Wudleau North Grid. A small, but consistent, multi-element anomaly covers several hundred metres radius around Line 77600E/47100N. This area is anomalous in Au, As, Cu, Zn, Fe and Mn. Structural interpretations indicate that a northeast-southwest structure may cut through this area. However, the local bedrock does not have any visible alteration or mineralization of consequence. A widespread Cu anomaly is found in the southwest quarter of the grid, but it is assumed that this represents an elevated background abundance due to the preponderance of outcrop in that area. Local high values of Cu within this anomaly seem to be related to the argillite units which are present in the volcanic package.

4.3 **Induced Polarization Survey** (Figures 7 and 8)

The IP survey on the Wudleau North Grid identified several areas with significant chargeabilities in bedrock. Some of these anomalies can be attributed to carbonaceous or sulphidic argillite. For example, the strong chargeability anomalies in the west part of the grid all seem to correspond to areas where argillite has been found in outcrop. Combined with the lack of any mineralization in the mafic volcanic rocks in the west area, these IP anomalies do not apparently have any economic significance.

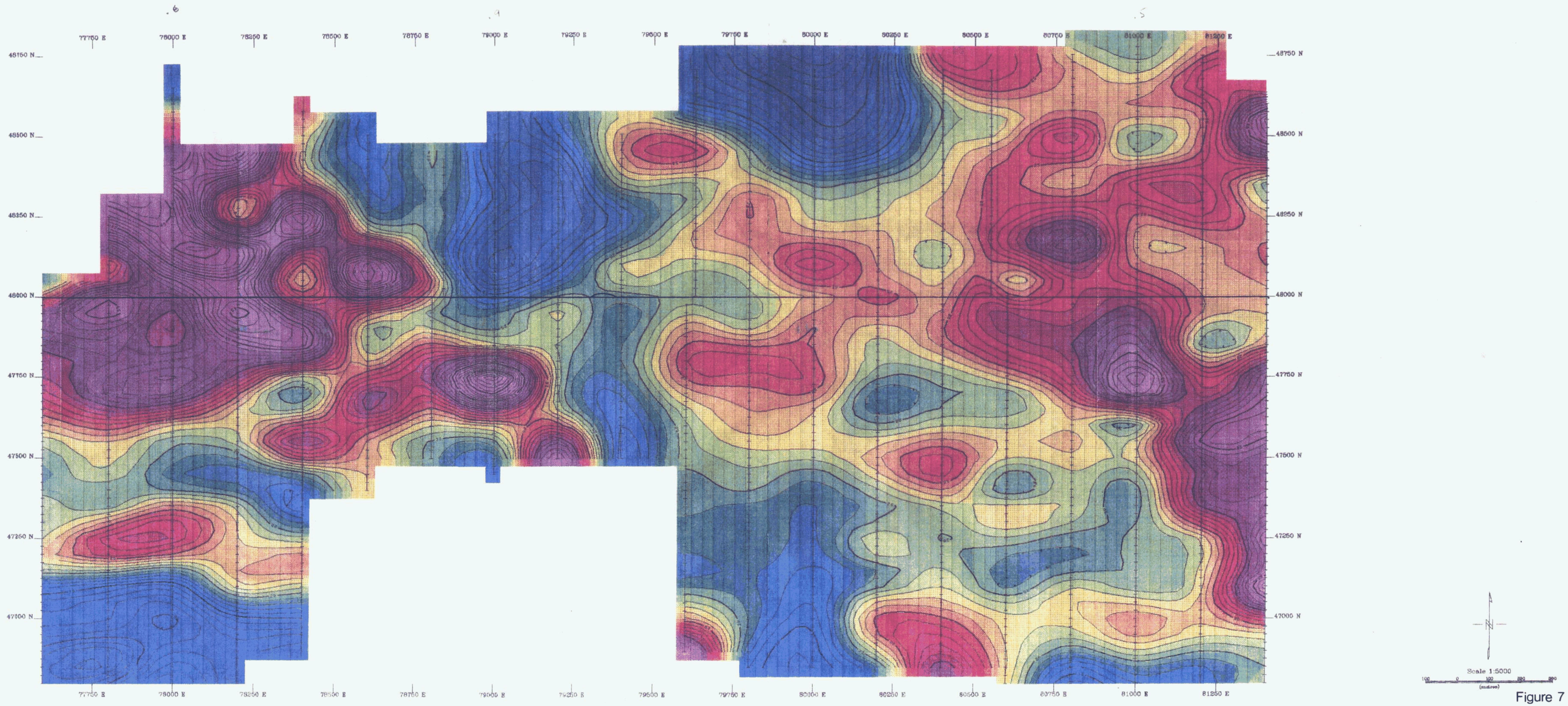


Figure 7

WESTMIN RESOURCES/WUDLEAU GRID

CHARGEABILITY PLAN
Nominal AB= 1400m

Contour interval 1 mV/V
BRGM Instruments
July, 1992

Delta Geoscience

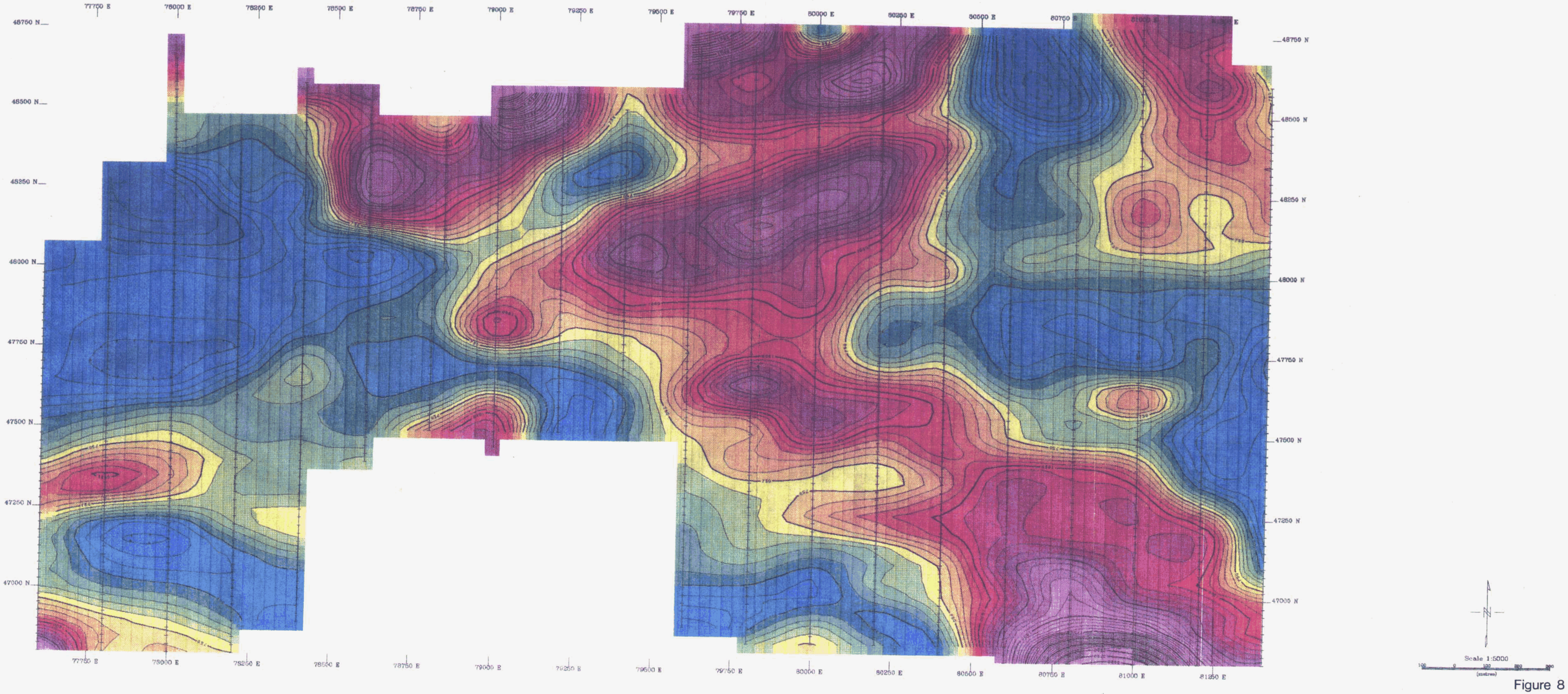


Figure 8

WESTMIN RESOURCES/WUDLEAU GRID

RESISTIVITY PLAN
Nominal AB= 1400m

Contour interval = 50 ohm-m
BRGM Instruments
July, 1992

Delta Geoscience

However, in the eastern half of the grid, the IP anomalies correspond to areas of altered and mineralized (disseminated pyrite, pyrrhotite, chalcopyrite, quartz-calcite stockworks) rocks. In general, the chargeability anomalies have a spotty appearance which can be attributed, in part, to the wide spacing of the lines.

4.4 Conclusion

The spotty appearance of the IP anomalies in the eastern half of the grid may be due to variable concentrations of sulphides in the altered rocks, something quite typical of porphyry-style deposits. This pattern is also found in the distribution of anomalous soil geochemical values for the various elements tested. The coincidence of altered and mineralized (albeit weakly) bedrock, multi-element anomalous soil and stream geochemistry, and strong IP chargeabilities make the eastern part of the Wudleau North Grid a very attractive target for further exploration. The likelihood of finding significant porphyry-style Cu-Au mineralization is high.

5.0 RECOMMENDATIONS

The strong geological, geochemical and geophysical anomaly on the east end of the Wudleau North Grid should be further evaluated for its porphyry Cu-Au potential. The proximity of the bedrock to surface in the anomalous area makes it very amenable to trenching as a second step in the evaluation. This would allow a good cross section of bedrock to be sampled systematically and evaluate the near surface potential for economic mineralization. In addition, pole-dipole induced polarization surveying should be completed over the grid area from Line 80000E to the eastern edge of the grid. This will provide a vertical section of the chargeability anomaly identified by the gradient IP survey and give a better idea of the potential for subsurface mineralization.

Depending on the results of the trenching and pole-dipole IP survey, the next step would be diamond drilling in the most promising areas.

6.0 STATEMENT OF QUALIFICATIONS

I, Murray I. Jones, of the District of North Vancouver, in the Province of British Columbia, hereby certify that:

1. I am a geologist residing at 1240 Shavington Street, North Vancouver, British Columbia with a business address at #904 - 1055 Dunsmuir Street, P.O. Box 49066, The Bentall Centre, Vancouver, British Columbia, V7X 1C4.

2. I graduated with a B.Sc. (Honours) in Geology from the University of British Columbia, Vancouver, B.C. in 1982 and with a M.Sc. in Geology from the University of Ottawa in 1992.

3. I am an associate member of the Geological Association of Canada.

4. I have practised geology in Canada from 1979 to 1992.

DATED this 16th day of December, 1992 at Vancouver, British Columbia.

Murray Jones

Murray I. Jones, M.Sc.

7.0 STATEMENT OF EXPENDITURES

The Wudleau project was operated out of the same camp and simultaneously with two other projects (Valley Girl and Kwanika/Valleau). Consequently, many of the overall costs, such as food, mob-demob, etc., have been apportioned accordingly.

Field Costs		
Mapping		
Murray Jones, 10 days at $225 per day	$2,250	
Colin Russell, 9 days at $165 per day	1,485	
Martin Zahorec, 4 days at $125 per day	500	
	4,235	$ 4,235
Soil Sampling		
Murray Jones, 2 days at $225 per day	450	
Colin Russell, 4 days at $165 per day	660	
Martin Zahorec, 12 days at $125 per day	1,500	
	2,610	2,610
IP survey		
Delta Geophysics, 8 days at $1,450	11,600	
Mob-demob (pro-rated)	2,624	
	14,224	14,224
Linecutting (cost split with Valley Girl claims) 15.6 km Wudleau/18.85 (total) x $14,005		11,590
Soil samples 309 samples at $13 per sample		4,017
Rock samples		
Whole rocks, 16 at $42.85 each	686	
Geochem, 12 at $21.90 each	263	
	949	949
Total field costs		**37,625**

Overall Project Costs		
Personnel		
Preparation (0.74 of costs apportioned to Wudleau)		
Murray Jones, 5 days at $225 per day	833	
Martin Zahorec, 2 days at $125 per day	185	
Report		
Murray Jones, 6 days at $225 per day	999	
	2,017	2,017
Mob-demob, camp setup, reclamation (0.58 apportioned)		
Murray Jones, 4 days at $225 per day	522	
Colin Russell, 8 days at $165 per day	766	
Martin Zahorec, 11 days at $125 per day	798	
	2,086	2,086
Other		
Charter aircraft (variably apportioned)		
Fixed wing, $795 (0.58)	461	
Helicopter, $14,550 (0.80)	11,640	12,101
Camp expenses, food, etc.		
$3,962 (0.74)		2,932
Cook, 27 days at $175 per day (0.58)		2,741
Materials/supplies, $371 (0.74)		275
Equipment rental, $823 (0.74)		609
Fuel for camp, $172 (0.74)		127
Travel costs, $1,750 (0.74)		1,295
Gas for vehicles, $623 (0.74)		461
Vehicle rental, $1,414 (0.74)		1,046
Maps/reports, $477 (0.74)		353
Drafting, 5 days x 7.5 hour days x $35 per hour		1,313
Total project costs		**27,356**
Total expenditures		**$64,981**

APPENDIX A

SOIL SAMPLE GEOCHEMISTRY

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Westmin Mines Ltd. (Van) PROJECT WUDLEAU PN#6203 File # 92-1856 Page 1

Box 49066 The Bentall Cen, Vancouver BC V7X 1C4 Submitted by: Murray I. Jones

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
L77400E 48000N	1	46	10	62	.1	20	14	655	3.83	5	5	ND	6	50	.2	2	2	72	.59	.081	13	35	1.23	57	.11	4	1.67	.04	.09	1	11
L77400E 47900N	1	31	4	38	.4	11	8	251	3.04	2	5	ND	6	39	.2	5	2	63	.27	.093	7	31	.58	47	.10	4	1.67	.02	.05	1	20
L77400E 47800N	1	42	9	70	.2	14	13	401	4.43	4	9	ND	7	36	.3	2	2	86	.22	.139	5	33	.76	54	.14	5	2.44	.02	.07	1	13
L77400E 47700N	1	37	6	35	.2	11	9	240	3.47	2	5	ND	3	36	.2	2	2	71	.37	.099	4	31	.67	49	.10	4	1.61	.02	.03	1	10
L77400E 47600N	1	54	6	71	.1	16	14	421	4.68	2	5	ND	4	38	.2	2	2	92	.35	.183	3	47	.98	50	.13	3	2.21	.02	.07	1	13
L77400E 47500N	1	50	7	44	.1	16	12	319	4.16	4	5	ND	2	47	.2	2	2	74	.52	.089	5	38	.68	45	.12	4	1.69	.02	.07	1	13
L77400E 47400N	1	37	2	57	.3	13	12	301	4.58	2	5	ND	16	36	.2	4	2	89	.28	.143	7	43	.66	59	.11	4	2.08	.02	.07	1	108
L77400E 47300N	1	22	5	49	.1	9	8	189	3.76	2	7	ND	5	26	.2	2	2	70	.18	.135	4	36	.32	35	.09	4	1.82	.01	.04	1	6
L77600E 48000N	1	37	2	29	.1	13	11	300	3.92	2	5	ND	12	34	.2	2	2	73	.34	.106	10	39	.44	44	.08	3	1.09	.01	.07	1	10
L77600E 47900N	1	20	7	34	.1	9	8	347	3.09	2	5	ND	20	39	.2	2	2	59	.35	.107	11	23	.30	55	.06	3	.95	.01	.08	1	19
L77600E 47800N	1	67	4	49	.1	20	18	400	4.73	3	9	ND	4	38	.2	2	2	91	.38	.107	4	47	1.05	57	.13	5	1.96	.02	.07	1	18
L77600E 47700N	1	66	4	54	.2	17	14	339	4.98	2	5	ND	4	39	.2	2	2	94	.40	.110	6	49	.85	50	.14	4	1.79	.02	.08	1	11
L77600E 47600N	1	53	7	82	.2	11	12	395	6.17	15	5	ND	3	18	.4	2	2	93	.11	.050	4	32	.65	46	.06	5	2.57	.01	.02	1	11
L77600E 47500N	1	229	2	67	.1	23	17	720	4.21	4	5	ND	1	71	.2	2	2	72	1.15	.124	10	43	.97	75	.05	5	2.12	.01	.05	1	13
L77600E 47400N	3	714	7	82	.8	61	36	1399	7.71	7	5	ND	4	86	.7	2	2	108	1.57	.102	11	40	1.26	62	.06	6	2.56	.01	.03	1	6
L77600E 47300N	1	76	3	89	.1	24	17	390	5.36	7	6	ND	4	29	.2	7	2	92	.23	.083	3	51	.86	56	.11	3	2.10	.01	.05	1	13
L77600E 47200N	1	71	2	57	.1	16	14	295	4.81	3	5	ND	3	32	.2	2	2	79	.23	.048	2	36	.65	53	.10	4	2.25	.02	.03	1	4
RE L77800E 47900N	1	82	6	43	.1	15	10	483	3.32	4	5	ND	3	49	.2	2	2	63	.63	.113	9	33	.62	50	.07	4	1.20	.02	.05	1	14
L77600E 47100N	1	105	3	106	.1	28	24	673	5.38	3	5	ND	3	43	.2	2	2	103	.34	.141	3	47	1.39	74	.12	4	2.74	.02	.07	1	8
L77600E 47000N	1	99	2	84	.1	24	19	489	5.48	2	5	ND	3	41	.2	2	2	105	.39	.160	4	47	1.32	78	.14	6	2.51	.02	.12	1	7
L77600E 46900N	1	122	3	69	.1	111	28	471	5.23	7	5	ND	1	36	.2	2	2	93	.61	.053	2	96	2.03	37	.14	4	2.92	.02	.05	1	4
L77600E 46800N	1	53	5	60	.2	25	17	509	4.51	2	5	ND	3	38	.2	2	2	106	.28	.064	4	63	1.02	48	.19	3	2.14	.02	.05	1	12
L77800E 47900N	1	85	5	44	.1	15	11	495	3.40	4	5	ND	5	49	.2	2	2	64	.64	.116	9	35	.63	50	.07	5	1.21	.02	.06	1	12
L77800E 47800N	1	63	4	42	.1	16	13	397	3.78	4	5	ND	3	39	.2	2	2	80	.40	.073	9	45	.78	44	.13	4	1.57	.02	.08	1	17
L77800E 47700N	1	61	4	63	.1	15	13	489	4.80	3	5	ND	2	32	.2	2	2	87	.25	.186	3	39	.84	54	.11	4	1.98	.02	.05	1	32
L77800E 47600N	1	210	3	72	.4	15	12	201	4.87	5	5	ND	1	57	.3	2	2	111	1.08	.046	9	30	.63	79	.10	3	2.77	.01	.01	1	7
L77800E 47500N	1	333	3	74	.2	28	19	858	4.10	6	5	ND	1	55	.2	2	2	71	.90	.064	12	49	.91	66	.06	4	1.97	.02	.05	1	9
L77800E 47300N	1	153	6	82	.1	40	27	765	7.71	36	5	ND	3	24	.2	2	3	139	.24	.058	2	53	1.82	41	.09	3	2.96	.02	.05	1	4
L77800E 47200N	1	137	2	81	.3	19	23	544	7.52	2	5	ND	2	41	.5	2	2	137	.41	.056	2	35	1.69	47	.22	3	3.11	.02	.02	1	5
L77800E 47100N	1	116	2	108	.1	19	20	483	7.50	2	5	ND	3	33	.2	2	2	139	.25	.106	3	30	1.38	57	.08	5	3.20	.01	.06	1	6
L77800E 47000N	1	95	6	72	.1	43	23	453	6.19	6	5	ND	2	36	.3	2	2	122	.31	.041	2	77	1.63	34	.19	4	2.78	.02	.07	1	45
L77800E 46900N	1	105	2	110	.2	28	32	2205	8.40	3	5	ND	3	29	.2	2	4	171	.24	.129	2	39	1.20	72	.03	3	3.24	.01	.05	1	4
L77800E 46800N	2	283	2	79	.1	131	56	770	12.33	28	5	ND	3	12	.2	2	2	216	.15	.106	2	96	2.84	27	.16	4	4.42	.02	.05	1	37
L78000E 48000N	1	52	4	44	.1	14	11	268	3.83	4	5	ND	2	48	.3	2	2	88	.51	.025	2	34	.80	70	.17	4	1.88	.02	.03	1	8
L78000E 47800N	1	145	2	102	.1	21	25	711	6.76	4	5	ND	2	38	.2	2	2	126	.73	.020	2	44	2.30	54	.24	2	3.27	.02	.02	1	6
L78000E 47600N	1	44	7	75	.5	10	13	1025	3.94	5	5	ND	1	44	.3	2	2	106	.72	.038	3	24	.55	141	.10	2	1.65	.01	.04	1	6
L78000E 47300N	6	48	13	86	.3	14	13	630	6.11	9	6	ND	2	28	.2	2	2	152	.18	.085	3	29	.73	43	.17	3	1.73	.01	.06	1	58
L78000E 46800N	1	128	9	81	.1	76	25	426	7.18	21	5	ND	2	27	.2	4	2	116	.21	.060	2	77	1.18	47	.07	4	2.54	.02	.05	1	6
STANDARD C/AU-S	17	58	39	132	6.6	65	30	1049	3.97	40	18	7	38	53	16.7	13	19	56	.48	.090	37	56	.91	179	.09	33	1.90	.07	.15	11	48

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR 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: SOIL AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

Westmin Mines Ltd. (Van) PROJECT WUDLEAU PN#6203 FILE # 92-1856 Page 2

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
L78200E 48100N	1	58	5	44	.1	16	10	314	3.64	5	5	ND	2	39	.4	2	2	76	.29	.073	5	35	.68	47	.13	4	1.69	.01	.04	1	20
L78200E 48000N	1	37	5	35	.1	12	8	247	3.83	5	5	ND	2	36	.2	2	2	87	.32	.111	3	35	.71	31	.19	4	1.89	.02	.03	1	9
L78200E 47800N	1	70	2	86	.2	17	15	627	6.94	10	5	ND	1	35	.2	2	2	139	.28	.157	4	37	.84	66	.13	4	1.99	.01	.05	1	34
L78200E 47700N	1	101	2	70	.1	25	21	529	5.92	14	5	ND	2	36	.2	2	2	115	.33	.040	3	43	1.69	41	.19	4	2.78	.01	.04	1	9
L78200E 47500N	3	133	5	91	.6	21	26	544	12.22	63	5	ND	2	30	.4	2	2	185	.44	.105	5	35	1.08	81	.03	3	3.01	.01	.06	1	13
L78200E 47400N	1	43	7	62	.1	13	11	409	5.02	6	5	ND	2	45	.2	2	2	113	.34	.103	5	40	.85	49	.16	4	2.45	.01	.05	1	3
L78200E 47300N	1	73	5	71	.1	23	15	444	5.23	5	5	ND	2	44	.2	2	2	105	.33	.080	3	49	1.23	44	.14	3	2.89	.01	.05	1	12
L78200E 47200N	1	58	7	84	.4	22	19	1485	6.55	16	5	ND	6	46	.2	2	2	119	.35	.164	4	55	1.35	85	.15	3	2.29	.01	.15	1	5
L78200E 47100N	1	74	6	88	.4	38	18	664	6.50	9	5	ND	2	38	.2	2	3	114	.29	.103	3	71	1.23	35	.15	3	2.55	.01	.04	1	3
L78200E 47000N	1	82	2	65	.3	44	17	651	5.45	6	5	ND	2	42	.2	2	2	115	.39	.099	3	92	1.55	39	.18	4	2.54	.02	.05	1	4
L78200E 46900N	1	83	6	55	.2	50	19	447	4.93	7	5	ND	2	24	.2	2	2	86	.34	.128	2	228	1.65	84	.14	2	2.17	.02	.04	1	5
L78200E 46800N	1	72	3	65	.3	42	18	434	5.69	8	5	ND	2	49	.2	2	2	115	.42	.094	3	82	1.52	58	.21	2	2.68	.02	.07	1	7
L78400E 48200N	1	56	5	72	.5	20	13	351	3.57	4	5	ND	1	54	.2	2	2	74	.65	.080	6	42	.96	70	.13	5	2.03	.02	.05	1	11
L78400E 48100N	1	40	2	50	.2	14	10	276	5.03	9	5	ND	2	38	.2	2	2	110	.32	.106	3	43	.80	43	.19	4	2.28	.02	.04	1	19
L78400E 48000N	1	308	8	61	.6	20	13	617	3.81	27	5	ND	1	73	.2	2	2	74	1.29	.111	12	33	.87	81	.05	4	1.93	.01	.04	1	7
L78400E 47800N	1	46	6	52	.3	14	9	266	3.76	12	5	ND	2	38	.2	2	2	89	.31	.026	3	38	.85	68	.17	2	2.40	.01	.04	1	6
L78400E 47700N	1	45	5	102	.4	13	14	489	5.03	13	5	ND	2	46	.2	2	2	120	.59	.057	4	33	.85	102	.12	3	2.14	.01	.04	1	6
L78400E 47400N	1	63	2	60	.5	14	12	384	4.59	10	5	ND	3	47	.3	2	2	98	.38	.097	5	31	1.04	51	.17	4	2.46	.01	.05	1	4
L78400E 47300N	1	39	4	60	.3	20	11	444	5.05	10	5	ND	1	35	.2	3	2	110	.28	.137	4	50	.74	69	.15	4	1.71	.01	.05	1	13
L78400E 47200N	1	44	3	54	.4	22	11	390	4.74	11	5	ND	2	43	.2	2	2	108	.32	.095	4	62	.83	37	.18	3	2.05	.02	.04	1	7
L78400E 47100N	1	63	4	67	.5	41	17	399	6.03	14	5	ND	3	44	.3	2	2	126	.42	.083	2	95	1.61	34	.21	3	2.59	.03	.05	1	5
L78400E 47000N	1	81	3	69	.5	47	19	425	5.70	13	5	ND	3	44	.2	2	2	109	.42	.074	2	87	1.64	37	.19	4	3.05	.02	.06	1	9
L78400E 46900N	1	77	2	74	.4	39	17	469	5.60	11	5	ND	3	42	.2	2	2	111	.42	.142	3	83	1.49	36	.17	2	2.94	.02	.05	1	23
L78400E 46800N	1	108	4	71	.7	41	20	601	4.03	14	5	ND	2	56	.2	2	2	79	.72	.037	6	75	1.41	50	.16	5	2.34	.03	.05	1	17
L78600E 48300N	1	38	4	38	.2	12	8	288	3.06	5	5	ND	1	46	.2	2	2	70	.51	.102	4	31	.67	37	.12	4	1.26	.01	.04	1	14
L78600E 48200N	1	86	3	86	.6	20	10	293	4.11	16	5	ND	4	35	.2	3	2	69	.22	.087	6	40	.66	62	.12	5	2.60	.01	.04	1	12
L78600E 48100N	1	67	2	128	.7	22	18	433	5.09	13	5	ND	3	38	.2	2	2	90	.48	.044	3	39	1.12	82	.18	3	2.64	.02	.03	2	4
L78600E 48000N	1	194	2	164	1.3	54	28	1036	4.57	11	5	ND	4	52	.2	2	2	67	.91	.093	7	41	1.00	99	.08	5	3.72	.01	.04	4	10
L78600E 47900N	1	67	2	87	.5	35	23	907	7.11	29	5	ND	4	18	.2	2	2	124	.24	.143	2	47	1.22	108	.04	2	2.46	.01	.05	1	3
RE L78600E 48300N	1	37	2	37	.3	12	8	289	3.10	8	5	ND	2	45	.2	2	2	70	.50	.102	4	30	.67	39	.12	3	1.25	.01	.04	1	13
L78600E 47700N	1	74	5	79	.9	12	13	282	4.67	12	5	ND	1	51	.3	2	2	114	.76	.047	3	33	.42	76	.15	2	1.95	.01	.02	1	8
L78600E 47600N	1	95	2	84	.9	31	20	547	5.90	15	5	ND	4	38	.2	2	2	101	.37	.052	3	44	1.50	75	.18	4	2.95	.01	.04	1	4
L78600E 47500N	1	67	2	75	.7	21	16	503	5.27	17	5	ND	4	40	.2	2	2	105	.37	.068	5	41	1.32	54	.15	5	2.87	.01	.05	1	16
L78600E 47400N	1	70	2	93	.7	43	21	596	5.47	12	5	ND	3	33	.2	2	2	96	.46	.081	2	60	2.65	47	.17	3	3.20	.01	.03	1	7
L78600E 47300N	1	63	3	62	.9	30	17	403	5.41	13	5	ND	3	46	.4	2	2	102	.40	.084	2	65	1.31	51	.15	3	2.42	.02	.06	1	6
L78600E 47200N	1	47	5	43	.9	15	9	363	3.69	9	6	ND	2	40	.2	2	2	95	.34	.089	3	39	.75	47	.22	3	1.78	.01	.04	1	5
L78600E 47100N	1	47	5	65	.8	33	15	482	4.05	13	7	ND	4	37	.2	2	2	89	.46	.047	2	76	1.55	54	.24	3	2.11	.01	.04	1	1
STANDARD C/AU-S	18	58	37	133	7.1	65	30	1046	3.99	42	22	7	40	53	16.7	15	19	56	.49	.093	37	56	.89	178	.09	35	1.94	.07	.15	11	54

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

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
L78600E 47000N	1	137	9	75	.1	23	21	587	5.34	2	5	ND	1	71	.2	2	2	107	.58	.163	4	28	1.47	58	.18	3	2.84	.01	.06	1	2
L78600E 46900N	1	123	12	93	.2	57	30	522	6.11	14	5	ND	2	31	.2	2	3	104	.35	.052	4	79	1.65	42	.15	3	3.52	.01	.04	1	5
L78600E 46800N	1	105	9	82	.1	57	31	557	5.46	20	5	ND	2	41	.5	2	2	98	.56	.043	4	84	1.50	42	.14	2	2.91	.02	.04	1	4
L78800E 48300N	1	63	13	57	.1	25	17	481	4.02	2	5	ND	3	42	.2	2	2	73	.51	.103	7	46	.87	59	.13	2	1.69	.01	.04	1	14
L78800E 48200N	1	58	9	69	.3	29	20	402	4.72	4	5	ND	3	35	.2	2	2	86	.34	.108	4	56	1.19	50	.15	2	3.18	.01	.04	1	5
L78800E 48100N	1	50	17	81	.3	30	22	564	6.66	8	5	ND	1	27	.4	2	2	121	.29	.054	2	52	1.58	40	.22	2	2.90	.01	.03	1	4
L78800E 48000N	1	100	10	58	.2	34	21	465	4.81	2	5	ND	1	29	.2	2	5	87	.33	.107	3	53	1.38	46	.17	2	2.67	.01	.02	1	5
L78800E 47800N	1	131	16	104	.3	57	40	596	9.02	46	5	ND	2	25	.2	2	4	141	.25	.038	3	52	1.54	78	.23	3	3.29	.01	.03	1	7
L78800E 47700N	1	49	8	99	.4	34	27	738	7.32	10	5	ND	1	26	.3	2	2	137	.35	.077	2	55	1.84	40	.20	2	3.03	.01	.03	1	2
L78800E 47600N	1	51	17	80	.6	25	19	440	6.23	7	5	ND	2	31	.2	2	2	110	.35	.061	4	48	1.25	47	.17	2	3.13	.01	.03	1	60
L78800E 47500N	1	31	14	55	.2	17	13	344	4.14	2	5	ND	2	32	.6	2	3	91	.32	.075	5	46	.84	34	.20	2	2.42	.01	.03	1	3
L78800E 47300N	1	35	15	65	.5	23	15	311	5.94	5	5	ND	1	32	.2	2	2	145	.29	.076	3	68	.98	33	.29	2	2.07	.01	.03	1	3
L78800E 47200N	1	89	4	100	.5	48	32	759	7.30	10	5	ND	1	28	.5	2	2	165	.37	.045	3	91	2.07	55	.27	2	3.51	.01	.03	1	2
L78800E 47100N	2	163	13	144	.4	36	21	1600	4.65	15	5	ND	1	52	.4	2	2	98	.93	.078	9	66	1.21	83	.09	2	2.65	.01	.04	1	3
L78800E 47000N	1	133	11	164	1.0	51	41	3606	4.65	10	5	ND	1	54	1.0	2	2	81	1.48	.147	5	79	1.53	96	.05	2	3.02	.01	.04	1	1
L78800E 46900N	1	27	13	53	.2	18	10	372	3.63	3	5	ND	1	31	.4	2	2	90	.29	.076	7	60	.68	46	.16	2	1.85	.01	.03	1	2
L78800E 46800N	1	70	9	87	.1	42	21	504	5.54	7	5	ND	1	24	.4	2	3	97	.34	.100	4	78	1.55	37	.16	4	3.20	.01	.04	1	3
L79000E 48400N	1	30	18	63	.3	16	15	320	7.34	9	5	ND	3	28	.2	2	5	132	.21	.170	4	51	.69	40	.13	2	2.13	.01	.03	1	12
L79000E 48300N	2	43	9	56	.1	12	15	296	5.32	7	5	ND	2	28	.2	2	2	108	.25	.171	3	38	.87	27	.12	3	2.64	.01	.03	1	4
L79000E 48200N	2	89	8	57	.3	25	21	346	4.74	17	5	ND	2	41	.2	2	2	88	.34	.101	3	54	1.23	41	.19	2	2.94	.01	.04	1	16
L79000E 48100N	1	65	12	62	.2	29	20	422	4.17	8	5	ND	1	31	.2	2	4	74	.35	.071	4	50	1.13	60	.13	3	2.50	.01	.04	1	13
L79000E 48000N	1	57	14	77	.4	19	16	397	5.54	20	5	ND	1	21	.2	2	2	94	.16	.058	4	47	.76	62	.13	2	2.55	.01	.03	1	4
L79000E 47700N	1	43	7	90	.5	23	20	468	5.99	9	5	ND	1	30	.2	2	2	100	.42	.087	3	49	1.35	43	.17	2	3.46	.01	.03	1	1
L79000E 47600N	1	64	10	68	.4	21	18	450	5.44	5	5	ND	1	29	.5	2	2	98	.30	.061	4	50	1.26	42	.17	2	3.15	.01	.03	1	4
L79000E 47500N	2	81	11	79	.3	30	24	558	5.34	10	5	ND	1	44	.2	2	2	101	.65	.044	5	51	1.33	71	.13	2	2.91	.01	.04	1	5
L79000E 47400N	1	59	14	78	.4	32	21	441	6.87	17	5	ND	1	25	.2	2	5	122	.28	.136	3	70	1.31	34	.16	2	3.56	.01	.03	1	3
RE L78800E 48300N	1	61	10	54	.2	22	17	455	3.81	3	5	ND	2	38	.2	2	3	70	.47	.104	6	44	.84	53	.12	2	1.62	.01	.04	1	13
L79000E 47300N	1	134	11	97	.8	51	40	886	7.53	19	5	ND	1	24	.2	2	2	157	.39	.068	2	84	2.29	46	.17	2	3.53	.01	.02	1	5
L79000E 47200N	1	122	10	73	.3	33	18	507	3.67	11	5	ND	1	40	.2	2	3	72	.64	.058	5	55	1.31	63	.09	5	2.44	.01	.03	1	18
L79000E 47100N	1	181	7	99	.4	36	20	714	4.13	12	5	ND	1	45	.4	2	2	82	.71	.076	6	62	1.30	111	.06	2	2.53	.02	.04	1	4
L79000E 47000N	1	111	8	74	.1	55	25	517	4.53	2	5	ND	1	28	.2	2	9	72	.43	.044	4	110	1.76	47	.18	2	2.89	.01	.04	1	4
L79000E 46900N	2	110	12	92	.5	41	22	636	4.43	8	5	ND	1	43	.2	2	2	90	.87	.060	7	71	1.36	44	.10	4	2.62	.02	.04	1	3
L79000E 46800N	2	73	5	79	.3	34	19	482	5.37	9	5	ND	1	27	.2	2	2	106	.29	.080	4	69	1.36	37	.18	2	2.68	.01	.04	1	7
L79200E 48400N	1	111	13	67	.2	26	15	524	3.97	9	5	ND	1	40	.2	2	5	72	.56	.077	8	45	.96	72	.10	3	2.28	.01	.04	1	5
L79200E 48300N	2	193	2	88	.5	31	17	630	4.17	14	5	ND	1	51	.2	2	5	74	.91	.061	9	65	1.09	74	.09	4	2.32	.01	.04	1	5
L79200E 48200N	1	65	8	53	.1	22	18	373	4.05	4	5	ND	1	36	.2	2	2	79	.40	.101	4	49	1.04	48	.13	2	2.06	.01	.05	1	6
L79200E 48100N	1	70	22	94	.3	31	23	606	7.24	32	5	ND	1	23	.2	2	2	114	.23	.115	2	60	1.16	62	.12	2	2.45	.01	.03	1	8
STANDARD C/AU-S	18	57	39	129	6.6	70	31	1011	3.84	39	19	7	36	52	16.6	14	19	54	.47	.088	37	57	.88	177	.09	35	1.91	.06	.15	11	52

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

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
L79200E 48000N	2	197	7	72	.3	34	20	539	4.61	34	5	ND	2	53	.9	2	5	79	.80	.057	8	56	1.21	50	.06	2	2.19	.02	.05	1	9
L79200E 47700N	1	49	2	73	.2	20	14	413	5.29	10	5	ND	3	29	.7	2	3	98	.26	.124	4	42	1.19	40	.15	2	2.68	.02	.03	1	6
L79200E 47600N	2	37	6	67	.6	15	11	709	3.73	6	5	ND	2	41	.5	3	5	87	.46	.074	7	31	.46	131	.17	3	1.38	.01	.05	1	1
L79200E 47500N	2	185	4	69	.8	31	17	780	3.74	27	5	ND	1	72	.5	2	4	80	1.69	.062	4	56	1.09	87	.09	3	2.07	.02	.04	1	5
L79200E 47300N	1	59	6	72	.3	28	13	345	5.51	8	5	ND	2	28	.8	2	2	111	.29	.172	4	62	1.06	43	.15	3	2.34	.02	.05	1	6
L79200E 47200N	2	183	5	63	.3	29	20	711	4.10	19	5	ND	1	52	.7	2	4	83	.98	.052	4	60	1.23	50	.10	3	2.36	.01	.04	1	3
L79200E 47100N	1	35	4	65	.1	19	10	366	3.04	2	5	ND	1	37	.2	2	4	77	.45	.051	4	43	.89	81	.15	3	1.65	.02	.06	1	2
L79200E 46900N	1	56	3	88	.3	24	15	447	6.49	8	5	ND	1	27	.2	2	2	128	.34	.115	2	43	1.19	50	.16	3	2.33	.02	.04	1	5
L79200E 46800N	1	106	5	88	.1	45	25	555	6.39	12	5	ND	2	25	.2	2	2	133	.24	.054	2	71	1.93	29	.20	2	3.72	.01	.04	1	3
L79400E 48400N	1	63	8	74	.1	22	14	345	4.87	10	5	ND	4	25	.2	2	2	87	.20	.130	5	42	.87	52	.13	2	2.91	.01	.03	1	8
L79400E 48300N	1	66	3	82	.1	32	23	698	6.55	21	5	ND	2	19	.2	2	5	110	.23	.083	2	50	1.73	45	.13	2	2.78	.02	.03	1	4
L79400E 48200N	1	104	5	65	.3	24	26	487	5.34	28	5	ND	2	47	.3	2	2	86	.83	.034	4	47	1.12	54	.08	2	2.52	.02	.03	1	7
L79400E 48100N	1	100	10	73	.3	20	17	385	5.41	27	5	ND	1	48	.6	2	2	115	.73	.032	3	41	1.07	58	.13	2	2.35	.01	.04	1	5
RE L79400E 46800N	1	44	6	74	.1	22	12	407	4.24	2	5	ND	1	26	.2	2	2	87	.28	.085	3	53	1.20	40	.16	2	2.27	.01	.05	1	3
L79400E 48000N	1	266	5	60	.7	38	28	1211	6.07	70	5	ND	2	64	.7	2	2	89	1.69	.122	11	70	1.71	50	.05	3	3.62	.01	.02	1	9
L79400E 47900N	1	26	7	56	.3	8	5	172	2.04	5	5	ND	1	38	.2	2	2	61	.51	.026	6	23	.41	60	.12	2	1.42	.01	.03	1	9
L79400E 47700N	1	112	3	83	.2	34	26	580	5.32	11	5	ND	1	32	.2	2	2	104	.53	.059	2	86	1.69	48	.18	3	2.46	.01	.08	1	3
L79400E 47600N	1	30	5	49	.4	11	7	340	3.01	5	5	ND	1	30	.2	2	2	110	.27	.069	3	30	.66	32	.24	2	1.66	.01	.04	1	16
L79400E 47500N	1	32	7	55	.3	14	10	334	3.99	6	5	ND	1	23	.2	2	2	91	.23	.081	4	35	.85	37	.16	3	1.76	.01	.04	1	5
L79400E 47400N	1	33	7	56	.1	20	11	305	4.68	3	5	ND	2	22	.2	2	2	101	.25	.089	3	57	.99	35	.18	3	2.01	.01	.05	1	2
L79400E 47300N	1	21	10	65	.2	12	6	264	3.89	6	5	ND	2	11	.3	2	2	87	.10	.052	2	30	.52	53	.15	2	2.16	.01	.03	1	14
L79400E 47200N	1	41	2	74	.4	23	11	264	5.02	36	5	ND	1	27	.2	2	2	92	.30	.089	4	56	.83	42	.12	2	2.34	.01	.03	1	3
L79400E 47100N	1	52	5	89	.3	26	14	573	5.49	12	5	ND	1	27	.2	2	2	116	.28	.056	2	59	1.03	66	.25	2	2.11	.02	.04	1	3
L79400E 47000N	1	33	4	68	.2	20	10	276	4.52	4	5	ND	2	22	.2	2	2	105	.23	.062	4	48	.79	42	.20	2	1.83	.02	.03	1	4
L79400E 46900N	1	54	3	73	.4	26	15	407	5.50	6	5	ND	1	29	.2	2	3	103	.24	.125	2	56	1.44	33	.15	2	2.52	.01	.03	1	2
L79400E 46800N	1	42	5	77	.2	22	12	413	4.33	3	5	ND	1	25	.2	2	2	87	.27	.088	3	54	1.17	41	.16	2	2.30	.02	.05	1	7
L79600E 48500N	1	63	7	80	.1	22	12	385	3.50	3	5	ND	5	45	.2	2	2	66	.41	.110	9	36	.91	74	.11	4	2.29	.02	.09	1	7
L79600E 48400N	1	63	8	79	.5	15	11	1228	3.50	6	5	ND	2	36	.2	2	2	69	.52	.037	7	35	.78	81	.07	2	2.10	.01	.04	1	164
L79600E 48300N	1	89	3	71	.1	21	18	658	5.06	16	5	ND	1	29	.2	2	2	92	.37	.056	3	43	1.21	49	.13	3	2.49	.01	.04	1	4
L79600E 48200N	1	45	2	58	.1	19	11	309	6.15	16	5	ND	3	22	.2	2	2	106	.16	.091	5	45	.70	46	.12	3	2.35	.01	.03	1	5
L79600E 48100N	1	108	6	64	.3	16	17	433	4.83	19	5	ND	1	47	.2	2	2	83	1.02	.069	5	36	.65	64	.08	3	1.93	.01	.03	1	5
L79600E 48000N	1	50	6	48	.2	14	9	201	3.17	9	5	ND	1	30	.2	2	2	92	.36	.042	4	34	.29	99	.13	2	1.14	.01	.03	1	6
L79600E 47900N	1	20	6	33	.1	9	5	182	3.47	5	5	ND	1	22	.2	2	2	92	.17	.052	6	26	.30	49	.16	3	1.29	.01	.02	1	4
L79600E 47800N	1	39	6	55	.3	20	12	410	4.71	11	5	ND	1	22	.2	2	2	79	.22	.060	3	45	.96	40	.14	2	2.02	.01	.03	1	3
L79600E 47600N	1	67	4	60	.2	24	13	379	5.09	19	5	ND	1	22	.2	2	2	90	.19	.060	3	48	1.13	36	.15	2	2.36	.01	.03	1	5
L79600E 47500N	1	40	6	62	.1	20	12	299	6.72	16	5	ND	1	18	.2	2	5	104	.16	.225	3	47	.78	32	.13	3	1.93	.01	.03	1	3
L79600E 47400N	1	85	7	82	.2	30	15	503	6.37	44	5	ND	1	19	.2	2	2	85	.20	.139	2	48	1.10	34	.13	3	2.24	.01	.03	1	9
STANDARD C/AU-S	18	58	38	131	6.6	68	30	1037	3.92	39	19	7	37	53	17.9	14	19	55	.48	.089	37	56	.87	177	.09	34	1.88	.07	.15	11	50

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

Westmin Mines Ltd. (Van) PROJECT WUDLEAU PN#6203 FILE # 92-1856

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
L79600E 47200N	1	230	4	353	.5	86	54	5072	7.61	77	5	2	1	53	3.4	2	2	77	1.07	.143	14	56	.80	97	.05	3	3.00	.02	.04	1	20
L79600E 47100N	1	131	5	120	.5	41	18	579	6.43	62	5	ND	1	20	.5	2	2	77	.22	.084	4	49	.88	58	.09	3	2.51	.02	.03	1	30
L79600E 47000N	1	89	2	98	.3	38	18	564	6.61	25	5	ND	1	33	.6	2	2	115	.46	.258	3	63	1.50	54	.14	2	2.64	.03	.03	1	45
L79600E 46900N	1	24	2	67	.3	20	11	374	4.28	2	5	ND	1	27	.2	2	2	105	.29	.087	4	48	1.01	48	.31	2	2.10	.04	.04	1	7
L79600E 46800N	1	58	2	62	.3	27	16	377	5.22	11	5	ND	2	30	.3	3	2	101	.30	.080	4	60	1.15	38	.20	3	2.76	.04	.05	1	6
L79800E 48400N	1	43	2	54	.1	16	11	341	5.92	15	5	ND	1	32	.4	2	4	111	.26	.143	4	43	.89	32	.14	3	2.34	.03	.04	1	9
L79800E 48300N	1	35	3	45	.4	15	10	301	4.23	12	5	ND	2	32	.2	5	2	82	.25	.075	4	41	.83	37	.13	2	2.28	.04	.04	2	8
RE L80000E 47900N	1	91	2	60	.1	32	16	373	4.43	10	5	ND	2	35	.2	2	2	80	.37	.071	4	51	1.22	52	.17	3	2.51	.03	.04	1	9
L79800E 48200N	1	33	3	50	.1	14	10	329	5.08	14	5	ND	1	28	.2	2	2	102	.26	.121	4	34	.96	37	.14	2	2.11	.03	.04	1	21
L79800E 48100N	1	43	9	47	.1	13	10	328	5.45	9	5	ND	1	26	.2	2	2	102	.22	.090	3	35	.89	33	.18	2	2.30	.03	.02	1	10
L79800E 47900N	1	63	3	76	.1	30	18	467	5.91	17	5	ND	1	31	.2	2	2	101	.32	.060	4	54	1.37	50	.20	2	3.06	.04	.04	1	10
L79800E 47800N	1	46	4	75	.3	21	13	394	5.73	13	5	ND	1	42	.2	2	2	108	.55	.035	4	43	1.19	67	.19	2	2.93	.03	.03	1	4
L79800E 47700N	1	43	2	74	.6	28	14	418	4.95	14	6	ND	2	29	.2	6	2	103	.33	.060	4	57	1.15	61	.20	3	2.41	.03	.07	3	5
L79800E 47600N	1	25	5	46	.1	14	8	359	3.43	5	5	ND	1	33	.2	2	2	81	.30	.096	5	36	.68	52	.17	3	1.45	.03	.04	1	4
L79800E 47500N	1	54	4	68	.2	26	12	385	5.45	31	5	ND	2	28	.2	3	2	108	.26	.108	3	53	.99	53	.18	4	1.95	.03	.05	1	6
L79800E 47400N	1	19	8	38	.1	14	6	213	3.09	4	5	ND	1	26	.2	2	2	97	.18	.059	6	47	.42	49	.23	3	1.36	.03	.03	1	3
L79800E 47300N	1	61	3	93	.5	25	15	337	5.10	19	8	ND	2	35	.4	3	2	88	.34	.048	7	58	.87	73	.16	3	2.39	.02	.04	2	26
L79800E 47200N	1	57	4	89	.2	35	19	588	7.79	28	5	ND	1	19	.6	3	3	134	.21	.153	3	64	1.71	28	.15	2	3.15	.02	.04	1	2
L79800E 47100N	1	38	2	65	.3	19	11	330	5.26	13	5	ND	1	26	.2	2	2	129	.25	.102	3	43	1.00	43	.23	2	2.40	.03	.04	1	1
L79800E 47000N	1	118	4	123	.1	33	27	673	7.69	36	5	ND	1	34	.7	2	2	143	.27	.127	3	43	1.86	38	.12	2	4.14	.02	.06	1	3
L79800E 46800N	1	55	2	75	.1	26	13	470	5.64	14	5	ND	1	27	.2	2	2	126	.24	.076	3	52	1.05	53	.17	2	2.34	.03	.04	1	2
L80000E 48800N	1	45	3	53	.1	19	12	379	4.11	2	5	ND	4	44	.2	2	2	82	.38	.143	9	47	.83	57	.12	4	2.16	.04	.09	1	8
L80000E 48700N	1	37	4	69	.1	17	14	394	4.82	2	5	ND	3	39	.3	2	2	98	.30	.145	6	45	.93	47	.15	2	2.67	.03	.06	1	3
L80000E 48500N	1	42	3	74	.1	23	13	434	6.30	15	5	ND	2	25	.4	2	2	128	.22	.216	6	51	.99	57	.17	2	2.57	.03	.04	1	8
L80000E 48400N	1	45	7	54	.5	13	8	253	4.25	7	5	ND	1	25	.2	2	2	92	.18	.097	5	35	.61	50	.12	2	2.48	.03	.03	1	4
L80000E 48300N	1	59	5	95	.1	24	17	495	5.97	22	5	ND	1	38	.4	2	2	126	.38	.033	3	46	1.31	75	.20	2	2.99	.02	.04	1	4
L80000E 48200N	1	31	5	47	.1	14	8	346	4.14	9	5	ND	1	28	.2	2	2	117	.24	.101	4	32	.81	50	.22	2	1.96	.03	.04	1	2
L80000E 48100N	3	92	7	38	.3	11	8	235	4.11	7	5	ND	2	34	.2	2	2	77	.32	.032	7	19	.62	89	.19	3	1.70	.02	.07	1	2
L80000E 47900N	1	88	4	58	.1	31	16	370	4.39	10	5	ND	1	33	.2	2	2	79	.37	.070	4	51	1.20	54	.16	3	2.42	.03	.03	1	8
L80000E 47800N	1	62	2	65	.1	31	17	451	5.22	8	5	ND	1	31	.2	2	2	90	.34	.085	3	62	1.29	53	.16	3	2.74	.03	.02	1	8
L80000E 47700N	1	58	2	75	.3	32	17	480	6.34	22	5	ND	2	25	.4	6	2	100	.25	.136	4	58	1.41	45	.18	3	3.53	.03	.04	1	32
L80000E 47600N	1	40	5	59	.1	17	9	282	5.90	23	5	ND	1	18	.2	2	2	109	.13	.091	4	39	.61	47	.11	3	2.05	.01	.03	1	2
L80000E 47500N	1	50	4	68	.3	26	15	446	6.54	20	6	ND	1	25	.4	4	2	100	.26	.049	4	49	1.34	42	.17	2	2.59	.02	.04	1	8
L80000E 47300N	1	75	4	84	.4	36	17	423	5.16	23	5	ND	1	40	.2	2	2	87	.51	.074	6	64	1.19	65	.13	3	2.44	.03	.04	1	13
L80000E 47200N	1	40	2	54	.1	25	11	315	4.22	6	5	ND	1	28	.2	2	2	91	.28	.043	5	60	1.01	50	.20	2	2.33	.02	.01	1	9
L80000E 47100N	1	46	4	53	.3	24	12	295	4.18	7	5	ND	1	28	.2	2	2	83	.26	.083	4	51	.96	38	.19	3	2.61	.03	.02	1	7
L80000E 47000N	1	99	3	64	.1	39	20	458	4.96	7	5	ND	1	30	.2	2	2	93	.33	.075	3	61	1.43	37	.20	2	2.78	.03	.03	1	7
STANDARD C/AU-S	18	57	37	132	7.0	73	32	1049	3.93	41	23	7	37	53	19.1	15	20	57	.48	.089	37	59	.87	177	.09	34	1.87	.08	.16	11	46

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

Westmin Mines Ltd. (Van) PROJECT WUDLEAU PN#6203 FILE # 92-1856

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
L80200E 48700N	1	28	11	56	.3	11	9	238	2.93	4	5	ND	4	38	.2	2	2	62	.32	.059	7	30	.53	76	.11	2	1.75	.01	.04	1	8
L80200E 48500N	1	88	10	76	.2	29	25	476	6.68	32	5	ND	2	24	.2	2	3	120	.24	.158	2	55	1.34	44	.18	2	2.74	.01	.04	1	5
L80200E 48300N	2	21	8	45	.2	12	9	219	3.49	10	5	ND	2	27	.2	2	2	114	.24	.032	5	28	.50	55	.28	2	1.29	.01	.04	2	4
L80200E 48200N	1	136	2	108	.2	43	38	640	6.35	76	5	ND	2	35	.3	2	2	98	.58	.031	3	41	1.90	102	.26	2	3.07	.01	.05	1	1
L80200E 48100N	1	196	5	54	.7	26	19	507	3.71	10	5	ND	2	43	.2	2	2	64	.54	.083	14	45	1.04	58	.09	2	2.09	.01	.05	1	9
L80200E 48000N	1	73	2	61	.3	21	17	452	5.01	8	5	ND	2	32	.2	2	2	78	.29	.046	4	42	1.23	40	.20	2	2.48	.01	.05	1	7
L80200E 47900N	1	67	2	68	.4	20	21	689	3.89	8	5	ND	2	54	.5	2	2	73	.76	.090	6	48	1.17	69	.10	2	2.08	.01	.08	1	53
L80200E 47800N	1	70	10	72	.2	30	19	465	4.76	13	5	ND	2	32	.2	2	2	85	.34	.050	4	53	1.37	50	.16	2	2.72	.01	.05	1	13
L80200E 47700N	1	67	11	71	.3	29	19	524	5.03	13	5	ND	2	35	.2	2	2	85	.41	.053	4	49	1.52	47	.17	2	2.80	.01	.05	1	7
L80200E 47600N	1	48	2	60	.9	21	16	386	4.56	7	5	ND	1	32	.2	2	2	86	.32	.054	3	45	1.15	51	.17	2	2.54	.01	.05	1	8
L80200E 47400N	1	38	8	80	.4	21	19	435	6.43	11	5	ND	1	24	.2	2	2	124	.24	.109	2	51	1.42	31	.24	2	2.91	.01	.03	1	3
L80200E 47300N	1	40	5	69	.4	25	17	343	6.27	20	5	ND	2	24	.3	2	2	114	.24	.106	3	63	.98	43	.20	2	2.36	.01	.04	1	29
L80200E 47200N	1	37	9	64	.4	18	17	379	5.76	6	5	ND	1	23	.3	3	2	117	.27	.169	2	45	1.20	27	.18	2	2.57	.01	.03	1	12
RE L80400E 48500N	1	42	3	49	.2	22	15	318	3.50	4	5	ND	3	28	.4	2	2	68	.27	.088	5	45	.75	37	.13	2	1.75	.01	.04	1	131
L80200E 47000N	1	81	6	106	.4	14	18	474	7.18	100	5	ND	1	39	.5	2	2	126	.38	.135	3	26	.89	49	.14	2	1.78	.01	.06	1	21
L80200E 46900N	1	58	4	62	.4	23	14	393	4.55	10	5	ND	2	33	.2	2	2	85	.27	.050	3	53	1.20	45	.19	2	2.73	.01	.04	1	6
L80400E 48500N	1	44	5	47	.3	22	16	322	3.61	8	5	ND	3	31	.4	2	2	70	.28	.087	5	49	.77	35	.13	2	1.79	.01	.04	1	44
L80400E 48400N	1	60	10	75	.3	28	20	474	4.61	4	5	ND	2	31	.2	2	5	88	.34	.082	5	49	1.08	51	.13	2	2.47	.01	.06	2	23
L80400E 48300N	4	95	2	78	.5	27	27	574	7.28	32	5	ND	2	28	.5	2	2	113	.25	.095	3	40	1.50	44	.22	2	2.81	.01	.04	1	7
L80400E 48200N	1	51	7	70	.6	17	19	607	5.45	4	5	ND	1	29	.2	2	2	94	.28	.108	3	38	1.18	53	.19	2	2.63	.01	.11	1	15
L80400E 48100N	1	96	6	68	.2	27	24	500	5.57	14	5	ND	2	27	.2	3	2	92	.24	.078	3	42	1.61	54	.15	3	3.15	.01	.04	1	13
L80400E 48000N	1	39	2	56	.2	15	12	321	4.74	4	5	ND	1	30	.3	2	2	89	.27	.062	3	42	.92	39	.17	2	2.31	.01	.05	1	7
L80400E 47900N	1	63	4	57	.1	27	20	599	4.27	2	5	ND	2	45	.2	2	2	82	.47	.039	5	49	1.21	53	.18	2	2.09	.02	.07	1	5
L80400E 47800N	1	63	2	71	.2	29	19	536	4.82	6	5	ND	1	38	.2	2	2	84	.44	.060	5	49	1.39	46	.16	2	2.87	.01	.06	1	6
L80400E 47700N	1	75	7	81	.3	31	22	659	5.38	12	5	ND	1	37	.2	2	5	92	.45	.064	4	54	1.57	58	.17	2	3.00	.01	.06	1	7
L80400E 47600N	1	58	6	79	.2	28	19	481	5.12	4	5	ND	2	31	.2	2	2	87	.32	.070	4	55	1.32	46	.18	2	3.15	.01	.05	1	12
L80400E 47500N	1	48	2	67	.2	27	17	480	4.54	9	5	ND	1	32	.5	2	2	84	.37	.038	4	56	1.39	56	.18	2	2.62	.01	.04	1	6
L80400E 47400N	1	50	6	88	.3	35	21	480	6.22	16	5	ND	2	33	.2	2	2	123	.38	.116	3	51	1.53	34	.20	2	2.87	.01	.04	1	8
L80400E 47300N	1	137	6	132	.6	44	30	972	5.71	21	5	ND	1	49	.2	2	3	95	.76	.056	6	68	1.75	60	.12	2	3.28	.01	.06	1	3
L80400E 47200N	1	65	8	81	.3	37	24	587	4.97	17	5	ND	1	42	.5	2	2	87	.64	.061	5	60	1.38	53	.15	2	2.53	.01	.05	1	8
L80400E 47100N	1	81	6	80	.2	40	28	699	4.77	3	5	ND	3	47	.2	2	2	90	.68	.060	6	56	1.44	80	.13	2	2.92	.02	.05	1	3
L80400E 47000N	1	74	6	86	.1	31	22	602	5.66	10	5	ND	1	36	.2	3	2	99	.42	.103	3	54	1.42	45	.15	2	3.51	.01	.05	3	8
L80400E 46900N	1	85	2	84	.8	37	28	646	5.13	14	5	ND	2	46	.2	2	2	91	.73	.068	4	51	1.63	56	.13	2	3.24	.01	.05	1	8
L80400E 46800N	1	165	5	75	.1	31	40	1220	9.76	14	5	ND	1	8	.2	2	2	114	.31	.112	2	33	3.34	20	.13	2	3.65	.01	.03	1	1
L80600E 48600N	1	46	2	46	.3	14	14	350	3.87	3	5	ND	2	38	.2	2	2	83	.41	.077	6	54	.80	44	.12	2	1.92	.01	.04	1	17
L80600E 48400N	1	76	8	58	.5	28	19	474	4.33	10	5	ND	1	49	.2	2	2	71	.71	.090	5	50	1.24	29	.07	2	2.09	.01	.03	2	79
L80600E 48300N	1	155	8	105	1.3	33	26	2698	5.31	7	5	ND	1	65	1.0	2	2	59	1.07	.088	9	40	.95	58	.05	2	2.19	.01	.04	1	20
STANDARD C/AU-S	18	58	39	132	7.1	72	31	1033	3.92	40	19	7	38	52	18.1	15	19	56	.47	.090	37	58	.87	177	.09	34	1.86	.06	.15	11	48

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

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
L80600E 48200N	2	78	12	129	1.1	15	27	2573	7.90	29	5	ND	2	33	.9	4	2	30	.58	.050	3	11	.18	41	.01	2	.93	.01	.03	1	218
L80600E 48000N	1	53	5	70	1.0	22	19	573	4.88	10	5	ND	2	39	.7	5	2	78	.49	.064	3	46	1.34	68	.11	3	2.48	.01	.05	1	20
L80600E 47900N	1	123	9	85	.9	42	30	928	6.39	10	5	ND	2	25	.2	2	2	101	.32	.115	2	53	2.20	37	.14	2	3.51	.01	.08	1	16
L80600E 47800N	1	61	4	76	1.3	33	21	551	5.52	6	5	ND	2	27	.2	2	2	90	.28	.096	3	54	1.50	46	.16	2	3.59	.01	.05	1	9
L80600E 47700N	1	44	2	69	.9	19	20	554	6.08	16	5	ND	2	23	.2	4	2	123	.15	.113	3	52	1.42	52	.20	2	2.56	.01	.03	1	4
L80600E 47600N	1	59	7	62	1.0	29	19	510	4.57	5	5	ND	2	28	.3	2	2	79	.29	.079	4	53	1.28	53	.18	3	2.84	.01	.04	1	21
L80600E 47500N	1	60	2	76	1.0	28	17	430	5.24	15	5	ND	2	22	.2	2	2	86	.23	.149	4	47	1.24	37	.13	2	3.34	.01	.04	1	10
L80600E 47400N	1	136	9	91	.9	25	33	606	4.93	34	5	ND	1	57	.3	2	2	79	.70	.163	3	59	1.90	57	.17	2	2.60	.01	.34	1	17
L80600E 47300N	1	53	12	71	1.0	22	16	393	4.61	16	5	ND	1	26	.9	2	2	76	.33	.080	4	48	1.07	56	.11	2	2.79	.01	.04	1	8
L80600E 47000N	1	74	8	96	1.2	19	29	777	6.62	44	5	ND	2	32	.2	3	2	89	.58	.098	5	35	1.42	52	.12	3	3.32	.01	.04	1	1
L80600E 46900N	1	139	12	102	1.1	33	44	1787	7.38	128	5	ND	1	51	.6	6	2	125	1.05	.096	5	60	2.03	46	.07	2	3.04	.01	.09	1	6
L80600E 46800N	1	57	18	109	1.1	32	26	674	7.31	22	5	ND	2	20	.2	6	2	134	.20	.100	3	49	1.78	27	.13	2	4.04	.01	.04	1	7
L80800E 48700N	1	41	2	71	.8	18	17	324	5.18	2	5	ND	3	33	.2	2	2	99	.31	.139	4	58	.83	44	.13	2	2.34	.01	.04	1	12
L80800E 48600N	1	36	6	63	.9	17	16	544	4.35	4	5	ND	2	32	.2	2	2	85	.33	.191	4	42	.84	82	.12	2	2.17	.01	.05	1	6
L80800E 48500N	1	67	2	96	.6	24	22	511	7.03	17	5	ND	1	43	.2	2	3	117	.45	.070	2	43	1.45	48	.19	2	2.93	.01	.03	1	96
L80800E 48400N	4	102	8	545	1.2	58	29	553	5.59	17	5	ND	3	88	4.0	2	2	75	1.03	.096	6	48	1.26	41	.09	2	2.91	.01	.04	1	237
L80800E 48300N	5	129	26	292	.7	68	37	1399	11.42	96	5	ND	1	11	.3	5	2	11	.09	.103	3	7	.07	53	.01	2	1.69	.01	.01	1	13
L80800E 48200N	1	79	16	124	.6	33	20	502	7.77	26	5	ND	1	9	.2	4	2	26	.06	.047	3	10	.07	37	.01	2	1.02	.01	.01	1	254
L80800E 48100N	1	87	13	148	.5	28	29	804	9.06	18	5	ND	1	7	.2	2	2	39	.06	.069	5	17	.53	27	.01	2	1.58	.01	.01	1	158
L80800E 48000N	1	68	12	103	.7	31	27	832	7.62	60	5	ND	1	20	.2	2	2	78	.21	.116	4	40	1.18	56	.09	2	2.18	.01	.03	1	113
L80800E 47900N	1	31	8	96	.9	19	14	575	4.44	6	5	ND	1	28	.2	2	2	77	.23	.057	4	48	.99	77	.11	5	2.33	.01	.04	1	36
L80800E 47800N	1	89	7	104	1.2	44	33	634	5.56	5	5	ND	1	53	.5	2	2	94	.62	.053	5	51	1.42	93	.10	2	4.00	.01	.05	1	9
L80800E 47700N	1	40	9	78	.7	23	18	475	6.07	9	5	ND	1	27	.2	2	2	95	.25	.061	2	51	1.42	60	.18	2	3.11	.01	.04	1	9
L80800E 47600N	1	144	2	111	.8	27	34	533	8.54	4	5	ND	1	10	.5	5	2	75	.08	.126	3	48	1.02	68	.01	2	2.61	.01	.03	1	156
RE L81000E 48300N	1	56	2	110	.6	21	23	940	6.31	6	5	ND	1	23	.2	2	2	46	.21	.061	5	23	.49	76	.03	3	1.65	.01	.03	1	402
L80800E 47500N	1	44	6	62	.6	18	15	352	5.11	2	5	ND	1	27	.2	2	2	114	.30	.054	3	45	1.06	43	.25	2	1.96	.01	.03	1	23
L80800E 47200N	1	80	2	77	1.1	32	25	984	4.92	6	5	ND	1	45	.5	2	2	85	.81	.098	6	56	1.59	52	.11	3	2.51	.02	.07	1	15
L80800E 47100N	1	52	4	86	.9	23	20	562	5.00	27	5	ND	1	42	.2	2	2	75	.67	.063	4	45	1.28	51	.09	2	2.58	.01	.05	1	13
L80800E 47000N	1	49	6	64	.8	21	16	471	5.06	8	5	ND	1	28	.2	2	2	85	.29	.056	3	41	1.17	41	.18	2	2.74	.01	.03	1	7
L80800E 46900N	1	26	8	54	.5	12	11	401	3.21	6	5	ND	1	27	.2	2	2	76	.23	.043	4	34	1.04	49	.19	2	2.32	.01	.03	1	14
L80800E 46800N	1	114	4	90	.7	37	28	949	5.36	35	5	ND	1	36	.2	2	2	97	.54	.062	5	54	1.76	61	.11	5	2.99	.01	.05	1	5
L81000E 48800N	1	128	4	87	.6	22	22	503	5.89	2	5	ND	2	43	.2	2	2	115	.48	.248	4	60	1.14	40	.16	2	2.90	.01	.07	1	9
L81000E 48700N	1	71	4	81	.6	20	21	589	4.71	2	5	ND	4	47	.4	2	2	103	.49	.150	5	46	1.45	67	.17	4	2.53	.02	.21	1	8
L81000E 48600N	1	70	10	69	.5	22	21	525	5.53	12	5	ND	2	30	.3	2	2	93	.33	.089	4	46	1.35	44	.16	2	2.65	.01	.04	1	33
L81000E 48500N	1	49	6	75	1.2	19	19	500	5.94	9	5	ND	1	22	.2	2	2	99	.23	.099	3	41	1.10	37	.17	2	2.33	.01	.03	1	25
L81000E 48400N	1	193	2	118	.6	50	48	999	8.87	23	5	ND	1	22	.2	2	2	40	.23	.109	5	39	.73	40	.02	2	1.61	.01	.02	1	33
L81000E 48300N	1	52	9	109	.6	22	24	938	6.12	4	5	ND	1	23	.2	2	2	44	.21	.059	5	22	.46	74	.03	2	1.57	.01	.03	1	348
STANDARD C/AU-S	17	57	41	132	6.9	69	31	1045	3.96	39	16	7	37	52	18.3	14	20	56	.49	.090	35	59	.89	179	.09	34	1.89	.07	.15	10	45

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

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
L81000E 48200N	1	82	4	69	.6	20	12	296	5.63	13	5	ND	1	33	.2	2	2	51	.26	.043	5	29	.56	50	.04	2	2.21	.02	.03	1	399
L81000E 48100N	4	81	4	135	.3	28	17	565	8.07	43	5	ND	1	14	.4	2	2	42	.11	.085	4	26	.52	75	.03	2	2.53	.02	.03	1	129
L81000E 48000N	1	38	3	67	.4	16	8	324	4.08	13	5	ND	1	17	.2	2	2	52	.12	.082	6	27	.52	77	.04	2	1.87	.02	.03	1	85
L81000E 47900N	1	53	5	91	.5	27	15	391	5.92	15	5	ND	1	21	.2	2	2	80	.16	.095	4	45	1.28	58	.11	3	3.29	.02	.05	1	22
L81000E 47800N	2	38	5	95	.5	22	11	362	4.25	12	5	ND	1	25	.3	2	2	79	.18	.032	5	39	1.03	85	.12	3	2.63	.02	.05	1	76
L81000E 47700N	1	36	11	84	.4	23	12	436	5.85	26	5	ND	2	24	.2	4	2	106	.20	.100	5	50	1.31	44	.13	4	3.12	.02	.05	2	16
L81000E 47600N	1	54	3	80	.3	26	16	812	6.16	19	5	ND	2	20	.2	2	2	102	.22	.100	3	40	1.64	37	.14	4	2.85	.02	.03	2	13
L81000E 47500N	1	37	3	63	.1	21	11	357	5.47	8	5	ND	1	21	.2	2	2	103	.18	.141	6	44	.99	47	.14	3	2.49	.03	.04	1	71
L81000E 47400N	1	101	6	129	.5	38	24	908	5.03	17	5	ND	2	42	.2	2	2	84	.51	.079	9	59	1.40	71	.10	4	3.14	.02	.06	2	10
L81000E 47300N	1	40	2	66	.3	22	13	456	4.77	12	5	ND	1	34	.2	2	2	105	.33	.054	5	45	1.18	56	.21	3	2.47	.02	.06	1	8
L81000E 47200N	1	85	6	110	.7	36	23	1160	5.23	9	5	ND	2	70	.2	2	2	100	.88	.055	8	57	1.48	72	.11	4	3.16	.04	.08	1	6
L81000E 47100N	1	81	3	82	.1	36	20	633	5.81	10	5	ND	1	36	.2	3	2	108	.35	.031	6	58	1.66	56	.20	3	3.27	.03	.06	1	6
L81000E 47000N	1	50	6	65	.7	20	13	483	4.10	9	5	ND	1	31	.2	2	2	81	.30	.061	6	39	1.18	63	.13	5	2.84	.02	.07	1	5
L81000E 46900N	1	47	3	84	.8	23	15	554	5.53	9	5	ND	1	29	.2	2	2	92	.30	.087	4	42	1.51	38	.15	5	3.46	.02	.05	1	3
L81200E 48700N	1	167	2	67	.1	36	27	505	5.66	6	5	ND	1	25	.2	2	2	112	.36	.138	5	58	1.39	67	.17	2	2.97	.03	.08	1	6
L81200E 48600N	1	42	3	54	2.9	17	12	356	4.85	5	5	ND	1	46	.2	2	2	105	.44	.255	7	45	.98	62	.13	3	2.17	.03	.09	1	41
RE L81200E 47500N	1	62	2	99	.1	35	21	641	5.52	9	5	ND	1	39	.2	2	2	93	.52	.050	3	46	1.71	35	.19	3	2.96	.02	.03	1	8
L81200E 48500N	1	46	6	70	.1	13	18	2178	5.02	15	5	ND	1	18	.2	2	2	72	.12	.090	5	19	.45	64	.04	4	1.23	.02	.02	1	26
L81200E 48400N	4	35	9	188	.1	26	11	361	6.43	46	5	ND	1	10	.2	2	2	68	.07	.090	6	25	.51	53	.06	3	2.11	.02	.02	1	570
L81200E 48300N	2	70	11	140	.5	25	15	390	7.41	30	5	ND	2	22	.2	2	2	62	.15	.071	5	34	.73	63	.08	3	2.30	.02	.03	1	361
L81200E 48200N	1	81	7	139	.3	30	20	1551	6.31	27	5	ND	1	51	.4	2	2	44	.48	.069	7	30	.75	54	.04	4	1.67	.02	.02	1	175
L81200E 48100N	1	109	8	128	.6	26	25	1006	8.18	22	5	ND	1	20	.2	2	2	36	.15	.094	5	25	.47	64	.02	2	1.74	.01	.02	1	723
L81200E 48000N	1	53	6	126	.4	34	22	829	6.22	21	5	ND	2	36	.2	2	2	109	.37	.135	5	59	1.58	71	.14	3	2.72	.01	.04	1	37
L81200E 47900N	2	117	8	104	.2	42	22	449	6.42	44	5	ND	2	23	.2	2	2	62	.19	.060	4	39	1.11	44	.11	3	2.86	.02	.03	1	168
L81200E 47800N	2	82	10	100	.3	34	22	648	5.85	32	5	ND	2	25	.2	4	2	73	.25	.068	5	41	1.30	42	.12	5	2.87	.03	.05	1	27
L81200E 47700N	1	98	4	151	.1	55	26	649	6.86	35	5	ND	1	24	.2	2	2	85	.18	.084	5	54	1.81	65	.15	3	3.57	.03	.05	1	70
L81200E 47600N	1	60	7	82	.9	26	14	487	4.07	10	5	ND	1	54	.2	2	2	72	.66	.042	5	44	1.12	61	.10	4	2.60	.02	.07	1	13
L81200E 47500N	1	63	6	101	.4	36	21	631	5.52	14	5	ND	2	38	.3	5	2	91	.52	.046	4	47	1.69	36	.18	4	2.93	.03	.05	1	33
L81200E 47400N	24	88	35	1168	1.2	118	27	873	8.98	198	8	ND	3	16	5.0	6	3	59	.17	.124	8	97	.35	35	.01	2	1.46	.01	.04	1	48
L81200E 47300N	1	95	4	120	.4	45	25	881	6.00	32	5	ND	1	25	.2	2	2	67	.27	.079	5	45	1.23	46	.09	4	3.31	.02	.03	1	17
L81200E 47200N	1	151	8	160	.1	46	26	731	7.03	42	5	ND	1	18	.3	4	2	52	.16	.077	7	30	.91	92	.03	3	2.74	.02	.02	1	54
L81200E 47100N	1	223	8	123	.5	43	37	1426	8.70	37	7	2	2	21	.2	8	2	49	.23	.130	7	27	.91	47	.05	2	2.24	.02	.05	1	56
L81200E 47000N	1	61	6	75	.1	24	15	597	5.60	10	5	ND	4	28	.2	2	2	90	.33	.117	4	41	1.30	34	.14	3	3.25	.02	.04	1	11
L81200E 46900N	1	92	2	91	.1	35	19	634	6.03	23	5	ND	1	28	.2	2	2	94	.34	.073	4	51	1.79	52	.16	4	3.73	.02	.03	1	11
L81200E 46800N	1	96	4	103	.1	37	28	721	7.48	28	5	ND	2	22	.2	4	2	111	.26	.074	5	47	1.88	41	.17	4	4.07	.01	.05	1	20
L81400E 48500N	1	77	8	83	.1	34	25	724	6.41	26	5	ND	1	23	.2	7	2	90	.26	.086	4	48	1.67	39	.15	4	3.10	.02	.04	1	23
L81400E 48400N	1	108	9	105	.1	35	25	766	6.92	23	5	ND	1	23	.2	2	2	91	.28	.133	4	47	1.68	42	.13	3	3.09	.03	.04	1	40
STANDARD C/AU-S	18	58	38	131	6.8	72	30	1028	3.93	41	18	7	38	52	18.0	15	19	55	.48	.089	37	58	.87	176	.09	35	1.86	.08	.16	11	53

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

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
L81400E 48300N	1	51	7	148	.2	21	15	323	5.55	20	5	ND	2	22	.2	2	2	65	.15	.056	4	36	.71	41	.10	4	1.93	.01	.02	1	143
L81400E 48200N	1	37	6	60	.3	11	9	325	3.63	5	5	ND	2	28	.2	2	2	65	.15	.060	5	27	.60	62	.09	3	1.68	.01	.02	1	72
L81400E 48100N	1	49	3	69	.1	13	9	295	5.32	10	5	ND	2	20	.4	2	2	65	.15	.091	4	27	.60	40	.11	3	1.80	.01	.02	1	93
L81400E 48000N	1	81	4	91	.9	26	17	457	5.82	19	5	ND	3	21	.4	2	2	90	.18	.115	3	37	1.24	43	.13	3	2.86	.01	.03	1	19
L81400E 47900N	3	67	5	96	.4	24	16	488	7.57	51	5	ND	2	16	.2	3	2	71	.11	.146	3	29	.76	42	.11	3	1.99	.01	.02	1	38
L81400E 47800N	1	71	2	81	.2	23	15	482	4.86	14	5	ND	2	26	.3	2	2	75	.30	.080	3	40	1.23	42	.13	3	2.38	.01	.03	1	13
L81400E 47700N	1	59	4	85	.1	25	16	608	4.87	9	5	ND	1	28	.3	2	2	84	.36	.108	2	43	1.42	33	.17	3	2.41	.01	.05	1	7
L81400E 47600N	1	54	2	72	.1	20	12	349	4.81	9	5	ND	2	20	.3	2	2	85	.19	.183	2	44	1.09	29	.15	2	3.02	.01	.03	1	2
L81400E 47500N	1	65	2	64	.1	21	14	446	5.32	6	5	ND	2	26	.2	2	2	107	.27	.113	2	41	1.30	34	.19	3	2.37	.01	.03	1	1
L81400E 47400N	3	170	5	166	1.0	43	25	2816	5.23	24	5	ND	1	72	1.3	2	2	62	.98	.112	6	48	1.15	67	.06	5	2.34	.01	.07	1	19
L81400E 47300N	4	113	5	159	.1	41	23	786	5.79	29	5	ND	3	23	.6	2	2	64	.20	.052	4	42	1.22	51	.11	4	2.60	.01	.04	1	18
L81400E 47200N	11	140	5	125	.7	45	23	3183	5.89	44	7	ND	1	51	1.2	2	2	30	.56	.088	6	21	.65	59	.03	4	1.47	.01	.04	1	23
L81400E 47100N	1	96	4	87	.1	28	18	683	4.50	17	5	ND	3	39	.4	2	2	76	.41	.068	4	36	1.38	68	.15	4	2.40	.01	.05	1	13
RE L81400E 47300N	4	114	7	162	.1	42	24	803	5.94	30	5	ND	3	23	.5	2	2	65	.20	.052	4	42	1.27	50	.11	4	2.65	.01	.04	1	21
L81400E 47000N	1	67	2	81	.6	24	16	621	4.86	4	5	ND	2	30	.4	2	2	79	.35	.078	3	39	1.43	38	.14	5	3.04	.01	.05	1	8
L81400E 46900N	1	88	2	98	.1	27	23	945	6.14	12	5	ND	3	25	.2	2	2	98	.28	.066	2	40	1.86	56	.17	3	2.77	.01	.06	1	1
L81400E 46800N	1	105	2	88	.1	34	21	664	5.38	17	5	ND	2	25	.2	2	2	85	.28	.076	2	48	1.96	43	.15	4	3.45	.01	.05	1	4
STANDARD C/AU-S	17	58	37	131	6.6	68	30	1036	3.90	38	20	8	38	53	18.0	14	19	56	.47	.089	35	56	.88	174	.09	33	1.75	.07	.15	11	46

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

APPENDIX B

ROCK SAMPLE GEOCHEMISTRY

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

A9217595

Comments: ATTN: MURRAY JONES

CERTIFICATE A9217595

WESTMIN MINES LTD.

Project: 6202
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 27-JUL-92.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	30	Geochem ring to approx 150 mesh
274	30	0-15 lb crush and split
200	30	Whole rock fusion
238	30	Nitric-aqua-regia digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	30	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
594	30	Al2O3 %: Whole rock	ICP-AES	0.01	99.99
588	30	CaO %: Whole rock	ICP-AES	0.01	99.99
590	30	Cr2O3 %: Whole Rock	ICP-AES	0.01	100.00
586	30	Fe2O3(total) %: Whole rock	ICP-AES	0.01	99.99
821	30	K2O %: Whole rock	ICP-AES	0.01	99.99
593	30	MgO %: Whole rock	ICP-AES	0.01	99.99
596	30	MnO %: Whole rock	ICP-AES	0.01	99.99
599	30	Na2O %: Whole rock	ICP-AES	0.01	99.99
597	30	P2O5 %: Whole rock	ICP-AES	0.01	99.99
592	30	SiO2 %: Whole rock	ICP-AES	0.01	99.99
595	30	TiO2 %: Whole rock	ICP-AES	0.01	99.99
475	30	L.O.I. %: Loss on ignition	FURNACE	0.01	99.99
540	30	Total %	CALCULATION	0.01	105.00
891	30	Ba ppm		10	10000
973	30	Nb ppm	ICP	10	10000
1067	30	Rb ppm		10	10000
898	30	Sr ppm		10	10000
974	30	Y ppm	ICP	10	10000
978	30	Zr ppm	ICP	10	10000
1929	30	Co ppm: 9 element, soil & rock	ICP-AES	1	10000
1931	30	Cu ppm: 9 element, soil & rock	ICP-AES	1	10000
1938	30	Mo ppm: 9 element, soil & rock	ICP-AES	1	10000
1940	30	Ni ppm: 9 element, soil & rock	ICP-AES	1	10000
1004	30	Pb ppm: 9 element,soil and rock	ICP-AES	5	10000
1950	30	Zn ppm: 9 element, soil & rock	ICP-AES	2	10000

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Page Number :1-A
Total Pages :1
Certificate Date: 27-JUL-92
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P.O. Number :
Account :GP

CERTIFICATE OF ANALYSIS A9217595

WHDLEAK N.

UTM

GRID LOCATION SAMPLE	PREP CODE		Au ppb FA+AA	Al2O3 %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL %
560151	205	274	15	12.27	12.01	0.02	11.13	2.53	8.15	0.17	0.97	0.28	47.85	0.74	2.41	98.53
560152	205	274	5	18.28	7.06	< 0.01	10.38	1.13	5.18	0.14	4.18	0.23	48.02	0.95	2.98	98.54
560153	205	274	25	16.96	6.65	< 0.01	9.24	2.46	8.06	0.19	3.07	0.20	47.56	0.67	3.12	98.19
560154	205	274	< 5	14.91	6.93	< 0.01	10.82	3.59	4.98	0.14	3.12	0.38	50.62	0.95	2.12	98.58
560155	205	274	< 5	15.64	6.57	0.02	9.94	2.48	5.50	0.14	3.86	0.29	51.15	0.75	2.17	98.51
560156	205	274	< 5	17.29	5.85	< 0.01	9.68	1.72	3.89	0.12	4.65	0.21	52.13	0.96	2.01	98.52
560157	205	274	< 5	17.34	4.20	< 0.01	6.62	6.64	1.90	0.13	3.02	0.39	52.24	0.57	6.86	99.93
560158 [illegible]/47000N	205	274	< 5	16.67	6.95	< 0.01	9.62	2.57	5.68	0.18	3.58	0.35	50.56	0.86	2.22	99.25
560159 78675E/48000N	205	274	< 5	16.79	6.49	< 0.01	6.21	0.33	2.42	0.14	3.90	0.26	61.18	0.53	2.30	100.55
560163 79210E/47070N	205	274	< 5	13.39	0.19	0.02	1.05	0.48	0.28	< 0.01	0.12	0.14	79.38	0.82	5.45	101.30
560166 81345E/48355N	205	274	< 5	10.60	11.74	0.01	9.25	2.89	6.51	0.17	0.61	0.25	36.35	0.59	18.98	97.95
560167 82430E/46800N	205	274	< 5	17.84	5.63	< 0.01	4.36	0.50	2.02	0.08	5.58	0.20	62.00	0.40	2.23	100.85
560169	205	274	< 5	15.89	10.76	< 0.01	9.37	1.18	5.34	0.18	3.19	0.21	49.19	0.85	2.81	98.97
560170 380100E 6146220N	205	274	< 5	14.94	6.67	0.01	10.36	1.52	7.60	0.17	3.47	0.10	48.21	0.82	4.60	98.47
560171 80475E/46700N	205	274	< 5	12.94	7.38	< 0.01	4.67	0.78	2.22	0.08	2.46	0.13	67.05	0.56	2.32	100.60
560172 80300E/46550N	205	274	< 5	15.57	10.16	0.01	10.44	0.22	7.62	0.17	2.88	0.09	47.40	0.79	3.10	98.45
560173 80400E/46810N	205	274	< 5	16.80	9.24	< 0.01	8.16	0.68	3.83	0.12	3.49	0.25	51.98	1.14	4.11	99.81
560201	205	274	< 5	12.02	8.90	0.05	10.69	0.40	10.10	0.20	3.06	0.12	48.82	0.83	3.07	98.26
560202	205	274	< 5	16.70	7.13	< 0.01	6.04	0.55	2.54	0.14	3.93	0.23	60.48	0.50	2.17	100.40
560203	205	274	60	18.22	8.36	0.03	8.24	2.23	2.76	0.17	4.15	0.39	52.65	0.71	1.80	99.71
560204	205	274	< 5	14.66	3.33	0.01	3.94	2.84	1.39	0.08	3.66	0.11	70.07	0.41	0.79	101.30
560205	205	274	< 5	15.84	7.49	< 0.01	10.54	1.82	4.46	0.26	3.66	0.30	51.13	0.96	1.83	98.32
560206 [illegible]	205	274	20	18.70	7.58	< 0.01	9.59	1.34	4.56	0.14	4.02	0.15	49.01	0.86	2.65	98.61
560207 78015E/47570N	205	274	< 5	13.01	4.46	0.01	4.05	1.80	1.37	0.10	3.10	0.11	72.26	0.36	0.71	101.35
560208 78450E/48240N	205	274	< 5	17.63	10.85	< 0.01	11.06	0.99	6.58	0.19	1.86	0.11	45.35	0.80	2.80	98.24
560209 80800E/47515N	205	274	< 5	19.00	6.79	< 0.01	11.27	1.31	6.13	0.17	3.03	0.14	45.26	1.02	4.07	98.20
560211 80000E/48040N	205	274	< 5	13.47	7.08	0.02	9.88	0.61	8.72	0.18	1.72	0.05	42.02	0.65	13.54	97.94
560213 80475E/48000N	205	274	< 5	18.15	5.59	< 0.01	4.65	2.21	2.14	0.07	4.29	0.29	59.80	0.45	2.91	100.55
560215 80025E/47910N	205	274	< 5	15.42	8.26	0.01	8.76	1.25	4.93	0.15	3.33	0.15	46.90	0.78	9.65	99.60
560219	205	274	< 5	8.30	12.78	< 0.01	24.50	2.37	9.36	0.24	0.36	1.01	35.33	2.03	1.94	98.23

CERTIFICATION: Thai D Ma

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

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SAMPLE	PREP CODE		Ba ppm	Nb ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
560151	205	274	1220	< 10	44	400	20	30	20	110	< 1	26	< 2	32
560152	205	274	520	< 10	33	470	20	50	20	188	< 1	24	< 2	62
560153	205	274	3730	< 10	65	370	20	30	18	112	< 1	21	< 2	50
560154	205	274	1200	< 10	60	360	20	50	23	110	2	17	< 2	24
560155	205	274	1200	< 10	65	330	20	40	23	110	< 1	15	< 2	26
560156	205	274	700	< 10	55	420	20	70	19	139	< 1	21	2	46
560157	205	274	850	< 10	120	460	20	50	10	112	< 1	3	4	62
560158	205	274	870	< 10	55	600	20	50	16	35	< 1	19	< 2	66
560159	205	274	270	< 10	27	350	20	90	9	52	< 1	7	< 2	52
560163	205	274	170	< 10	27	50	< 10	40	3	18	< 1	6	< 2	8
560166	205	274	1040	< 10	65	500	10	30	17	84	< 1	27	4	66
560167	205	274	190	< 10	28	290	10	70	8	65	< 1	7	< 2	38
560169	205	274	560	< 10	38	510	20	50	29	126	< 1	22	< 2	26
560170	205	274	470	< 10	49	170	20	40	19	110	< 1	37	< 2	58
560171	205	274	310	< 10	33	290	20	50	15	113	< 1	20	< 2	10
560172	205	274	140	< 10	27	290	20	30	19	92	< 1	38	< 2	44
560173	205	274	280	< 10	33	270	30	100	20	236	< 1	26	< 2	24
560201	205	274	150	< 10	27	310	20	40	26	69	< 1	61	< 2	48
560202	205	274	240	< 10	22	440	10	50	10	32	< 1	7	< 2	54
560203	205	274	700	< 10	50	880	20	70	13	88	< 1	5	< 2	70
560204	205	274	810	< 10	60	240	20	100	5	16	< 1	3	< 2	34
560205	205	274	460	< 10	44	660	20	80	19	57	< 1	8	< 2	132
560206	205	274	760	< 10	33	500	20	50	16	119	< 1	12	< 2	60
560207	205	274	730	< 10	44	260	10	80	5	53	< 1	2	< 2	24
560208	205	274	230	< 10	33	560	20	50	21	128	< 1	18	< 2	58
560209	205	274	610	< 10	38	440	20	60	16	163	< 1	35	< 2	80
560211	205	274	170	< 10	27	200	10	30	24	91	< 1	80	< 2	122
560213	205	274	770	< 10	49	590	10	80	1	63	< 1	1	< 2	6
560215	205	274	470	< 10	38	280	10	40	15	56	< 1	22	< 2	68
560219	205	274	1100	< 10	71	320	30	30	31	125	< 1	16	6	106

CERTIFICATION: Hai D Ma

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

A9217596

Comments: ATTN: MURRAY JONES

CERTIFICATE A9217596

WESTMIN MINES LTD.

Project: 6203
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-JUL-92.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	13	Geochem ring to approx 150 mesh
274	13	0-15 lb crush and split
229	13	ICP - AQ Digestion charge

ANALYTICAL PROCEDURES

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

Project : 6203
Comments: ATTN: MURRAY JONES

Page Number : 1
Total Pages : 1
Certificate Date: 21-JUL-92
Invoice No. : I9217596
P.O. Number :
Account : GP

CERTIFICATE OF ANALYSIS A9217596

WILDCAT NORTH

SAMPLE	GRID LOCATION	PREP CODE		Au ppb FA+AA	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
560160	79000E/47918N	205	274	< 5	62	< 0.5	12	94	2.27	455	< 1	19	2	28
560161	79100E/48040N	205	274	< 5	60	< 0.5	12	121	4.81	1110	< 1	11	2	60
560162	79190E/47060N	205	274	< 5	140	< 0.5	13	62	3.83	1160	< 1	28	4	42
560164	79100E/46970N	205	274	< 5	66	< 0.5	2	49	1.01	35	< 1	5	< 2	6
560165	81015E/48300N	205	274	< 5	2	< 0.5	10	178	3.91	655	< 1	14	2	52
560168	80400E/47930N	205	274	< 5	600	< 0.5	19	276	3.83	295	< 1	54	< 2	26
560174		205	274	60	2	0.5	18	300	5.60	790	1	15	18	86
560210	81200E/47375N	205	274	< 5	2	< 0.5	1	6	0.44	105	< 1	5	< 2	2
560212	80800E/48300N	205	274	40	4	< 0.5	11	74	4.21	1235	< 1	17	2	54
560214	78690E/47900N	205	274	< 5	26	< 0.5	20	69	7.07	1590	< 1	35	4	48
560216	80895E/48640N	205	274	425	18	< 0.5	12	61	4.71	1170	4	9	8	94
560217	80775E/48530N	205	274	< 5	44	< 0.5	21	98	6.75	1270	< 1	20	2	124
560218	80980E/48650N	205	274	< 5	16	< 0.5	19	408	5.27	1270	< 1	9	2	78

CERTIFICATION:

APPENDIX C

REPORT ON GEOPHYSICAL SURVEY
BY GRANT HENDRICKSON, DELTA GEOSCIENCE LTD.

GEOPHYSICAL REPORT

KWANIKA EXTENSION AND WUDLEAU PROPERTIES

TCHENTLO LAKE AREA, B.C.

NORTH OF FORT ST. JAMES, B.C., NTS 93N7

FOR

WESTMIN RESOURCES LIMITED

BY

DELTA GEOSCIENCE LTD.

FEBRUARY 9, 1993.

GRANT A. HENDRICKSON, P.GEO.

TABLE OF CONTENTS

INTRODUCTION

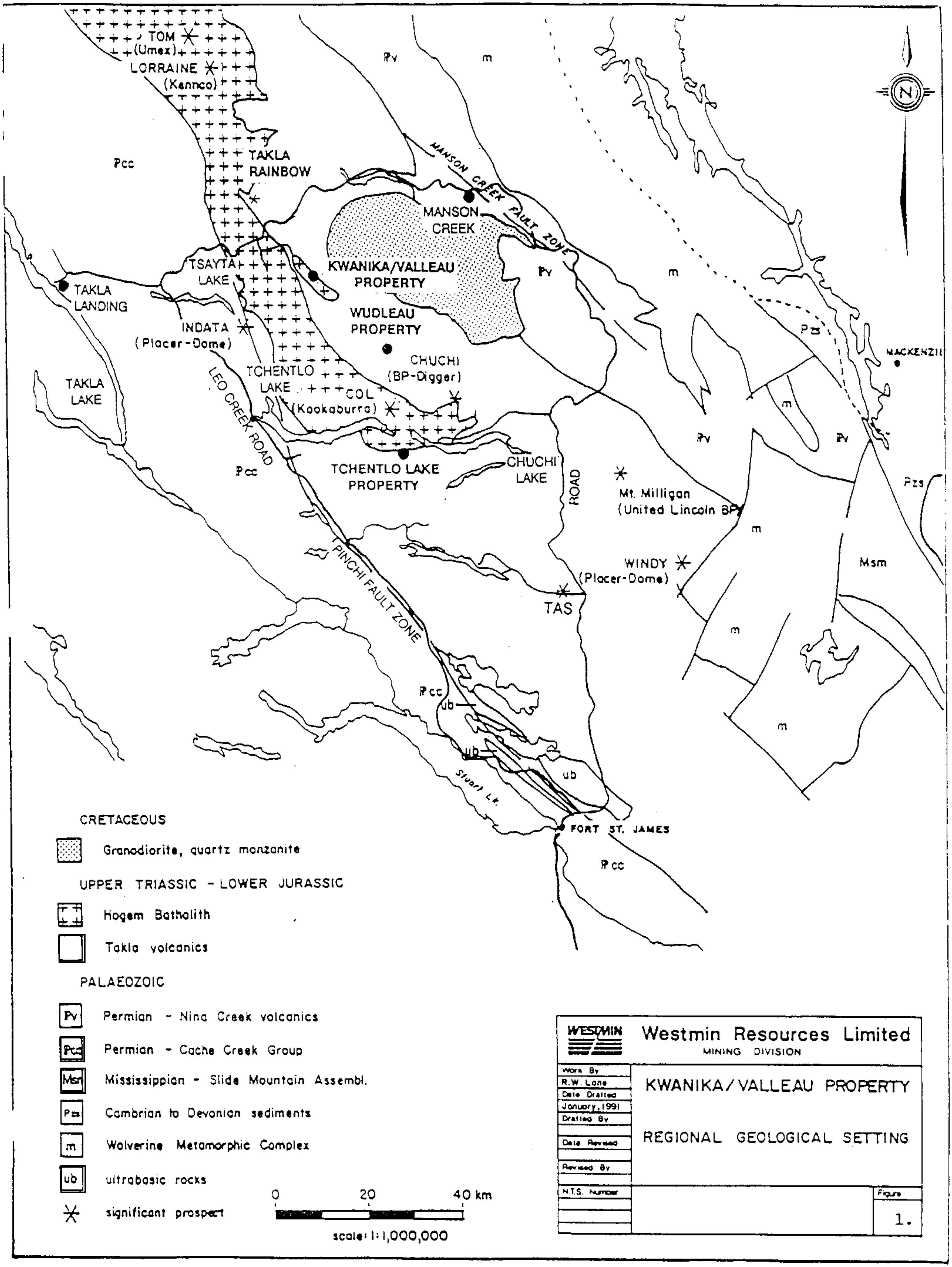
At the request of Westmin Resources Limited, Delta Geoscience conducted Induced Polarization and Resistivity surveys on the Wudleau and Kwanika extension properties. The properties are located in northwestern British Columbia, approx. 30 km northeast of the Tchentlo Lake Lodge. Tchentlo Lake is approx. 95 km northwest of Fort St. James, B.C.

The exploration target was porphyry copper style mineralization associated with intrusive rocks of the Jurassic age Hogem Batholith system.

The geophysical work described in this brief report was conducted during the period June 27 to July 9, 1992. In all, approx. 51 km of I.P/Resistivity surveying was completed during the above period, 34 km on the Wudleau grid and 17 km on the Kwanika extension.

This geophysical survey was designed to be a rapid low cost Induced Polarization and Resistivity reconnaissance of the areas porphyry copper potential.

The survey area has moderate topographic relief and is covered by fairly open forest. Overburden thickness likely varies from zero to 20 meters, with an average thickness of approx. 5 meters.



WESTMIN

Westmin Resources Limited
MINING DIVISION

Work By R.W. Lane	KWANIKA/VALLEAU PROPERTY
Date Drafted January, 1991	
Drafted By	REGIONAL GEOLOGICAL SETTING
Date Revised	
Revised By	
N.T.S. Number	Figure 1.

PERSONNEL

Tom Peregoodoff - Geophysicist/Crew Chief
Kevin Gerlitz - Junior Geophysicist
Mark Rudolf - Junior Geophysicist
Chris Slind - Junior Geophysicist
Peter Van Wesenbeeck - Geologist
Grant Hendrickson - Senior Geophysicist/Supervisor

Murray Jones of Westmin Resources was on site throughout the survey to review the results.

EQUIPMENT

2 - BRGM IP-6 Induced Polarization Receivers.
1 - Huntec 7.5 kva Induced Polarization Transmitter.
6 - Motorola VHF Radios.
1 - Toshiba T3100SX Field Computer.
1 - Fujitsu DL2600 Printer/Plotter.
2 - Toyota 4x4 Trucks.

DATA PRESENTATION

Maps of the gradient array Induced Polarization/Resistivity data are presented as contoured plans at a scale of 1:10,000.

Contour plans give a good view of the spatial intensity and line to line correlation of the data.

Contoured plans of the data were provided to Westmin Resources in the field. Westmin subsequently had these maps reproduced in their Vancouver office. This report will reference these geophysical maps. This report should be appended to the overall Westmin exploration report.

SURVEY PROCEDURE

Westmin personnel ensured grid lines were established prior to the arrival of the Delta Geoscience crew. Line separation was 200m with survey stations established every 50m.

The gradient array I.P. work was carried out with an average current electrode separation (AB) of 1400 meters. Potential electrode separation (MN) was 50m. Overlap on each reading was 50%, i.e. 25m moves. Generally, it's preferable to keep the MN separation as small as signal strength will allow. This array minimizes operational problems, which generally results in a very cost effective survey. Productivity averaged 3.9 km/day.

The large size of the survey area necessitated surveying the grids as a series of east-west gradient blocks. The data at the edges of the blocks can vary slightly due to the different location of the current electrodes. A 4 station overlap was used to compare the blocks. Differences in the overlap, both across and along strike, were averaged out after careful comparison of the data.

The gradient array does provide high horizontal resolution of anomalies and a deep depth of investigation. For the array size used in this survey the signal was focused at approx. the 125m depth, however the ground response can be characterized as the average chargeability (sulphide content?) over the 25 to 200m depth range.

The wavelength of the gradient array responses can provide an indication of the average target depth. The dip of the geology is generally well revealed by the gradient array survey, particularly when compared to other arrays. Dipping bodies have an asymmetrical response, thus contour lines tend to drop off more slowly on the downdip flank of an anomaly.

DISCUSSION OF THE DATE

WUDLEAU GRID

Overall, there is a good correlation of low resistivity with high chargeability within this grid. In particular, the stronger parts of many of the I.P. anomalies lie near the flank of the high resistivity areas. This correlation suggests the source is pyritic, graphitic metasediments partly related to contact metamorphism along the flanks of the numerous narrow high resistivity zones (intrusives?). Dikes or apophysis of the larger intrusive bodies are probably fairly widespread within the proposed metasediments. The apparent contact metamorphism has produced some very narrow, but strong chargeability anomalies coincident with significant resistivity lows. Two good examples of possible contact metamorphic sulphide/graphite zones are at 79000E, 47725N and at 81500E, 47100N.

The larger high resistivity zones (the intrusives?) generally have a low chargeability response, which is discouraging. The relatively large high resistivity zone centered around 79750E and 48000N does have a correlating series of minor chargeability responses, which may be of some significance for porphyry style copper mineralization. Unfortunately this target appears to be of rather small dimensions for a deposit.

There appears to be a dominant northwest orientation to the lenticular areas of high resistivity that has been broken up by a secondary northeast trend. An apparent intersection of these two structural trends may occur close to the area mentioned above for some porphyry copper potential. Dip generally appears to be steeply to the south.

KWANIKA EXTENSION

The broad areas of low resistivities directly coincident with high chargeability responses that occur in the northeast corner of this grid, are probably related to pyritic, graphitic metasediments.

The areas of highest resistivity are coincident with low chargeability responses, which suggest unmineralized intrusive rock as a source.

The large northwest trending chargeability anomaly centered at 6000E and 4075N occurs within relatively resistive rocks (volcanics or intrusive with a minor metasediment component), that appears as a transition zone (approx. 800 ohm-m) between metasediments to the north and intrusives (high resistivity) to the south. The orientation of this significant chargeable zone, in conjunction with the relatively high resistivities, makes it a possible candidate for porphyry copper style mineralization, perhaps associated with a separate small intrusive event.

Dip appears to be steeply to the southwest, with a possible gentle plunge to the northwest.

CONCLUSION AND RECOMMENDATIONS

The gradient array Induced Polarization and Resistivity surveying has provided a cost effective evaluation of the geology and apparent sulphide mineralization within the two large grids. Productivity averaged very close to 4 km per day.

The minor overburden thickness in much of the survey area suggests the information from soil geochemistry surveys will provide some indication of the significance of many of the I.P. anomalies.

A limited program of trenching will probably be necessary to more fully evaluate the significance of the chargeability anomalies.

Within this report, general comments on the probable geology (metasediments and intrusives) have been made. These comments should be checked to ensure they fit in with the detail geology maps of the area.

Grant A. Hendrickson, P.Geo.

REFERENCES

Coggon, J.H., 1973: A Comparison of I.P. Electrode Arrays: Geophysics, Vol. 38, 737-761.

Malmqvist, L., 1978: Some Applications of I.P-Technique for Different Geophysical Prospecting Purposes: Geophysical Prospecting 26, 97-121.

Ward, Stanley H., 1990: Resistivity and Induced Polarization Methods: Geotechnical and Environmental Geophysics, Vol. 1, Investigations in Geophysics 5, 147-190.

STATEMENT OF QUALIFICATIONS

Grant A. Hendrickson.

- B.Science, University of British Columbia, Canada, 1971, Geophysics option.
- For the past 22 years, I have been actively involved in mineral exploration projects throughout Canada, the United States, Europe and Central and South America.
- Registered as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of the Province of British Columbia, Canada.
- Registered as a Professional Geophysicist with the Association of Professional Engineers, Geologists and Geophysicsts of Alberta, Canada.
- Active member of the Society of Exploration Geophysicsts, European Association of Exploration Geophysicists and the British Columbia Geophysical Society.

Dated at Delta, British Columbia, Canada, this 9 day of Feb, 1993.

Grant A. Hendrickson, P.Geo.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,757

LEGEND

LOWER CRETACEOUS: GERMANSEN BATHOLITH

11	K–Spar Megacrystic Granodiorite.

LOWER/MIDDLE JURASSIC: HOGEM BATHOLITH–PHASE II

10	Quartz–Feldspar Porphyritic Syenite (10a); Biotite–Feldspar Porphyritic Syenite (10b).

UPPER TRIASSIC/LOWER JURASSIC: HOGEM BATHOLITH–PHASE I

HOGEM GRANODIORITE:

9	Granodiorite (9a); Quartz Monzodiorite (9b); Granite (9c).

HOGEM BASIC SUITE:

8	Diorite Intrusives. Hornblende Diorite Porphyry (8a); Plagioclase Porphyritic Diorite (8b); Diorite Dyke (8c).
7	Crowded Plagioclase Porphyritic Monzonite.
6	Equigranular Monzodiorite (6a); Monzonite (6b); Monzogabbro (6c).
5	Gabbro (5a); Porphyritic Gabbro (5b); Pyroxenite (5c); Diorite (5d).

UPPER TRIASSIC/LOWER JURASSIC: TAKLA GROUP

CHUCHI LAKE FORMATION:

4	Pyroxene Porphyritic Mafic Volcanic (4a); Plagioclase Porphyritic Mafic Volcanic (4b); Plagioclase–Pyroxene Porphyritic Mafic Volcanic (4c); Aphyric Mafic Volcanic (4d); Mafic Tuff (4e); Mafic Agglomerate (4f).

WITCH LAKE FORMATION:

3	Pyroxene Porphyritic Mafic Volcanic (3a); Plagioclase Porphyritic Mafic Volcanic (3b); Plagioclase–Pyroxene Porphyritic Mafic Volcanic (3c); Aphyric Mafic Volcanic (3d); Mafic Tuff (3e); Mafic Agglomerate (3f).
2	Argillite–tuffaceous, carbonaceous (2a); Cherty Argillite (2b); Chert (2c).
1	Volcaniclastic Siltstone and Wacke.

ABBREVIATIONS

ab	–	albite	alt	–	altered
arg	–	argillite	amyg	–	amygdaloidal
aspy	–	arsenopyrite	bx'd	–	brecciated
bi	–	biotite	c.g.	–	coarse grained
cb	–	carbonate	diss	–	disseminated
chl	–	chlorite	f.g.	–	fine grained
cpy	–	chalcopyrite	fol'd	–	foliated
ep	–	epidote	frac'd	–	fractured
goss	–	gossanous	F	–	abundant local float
hm	–	hematite	F	–	local float
Kf	–	potassium feldspar	GF	–	glacial float
mag	–	magnetite	hnfls	–	hornfels
po	–	pyrrhotite	plag	–	plagioclase
py	–	pyrite	vesic	–	vesicular
qtz	–	quartz	vns	–	veins
ser	–	sericite	vnlts	–	veinlets
sil	–	silica	vols	–	volcanics
			wk	–	weak

SYMBOLS

Outcrop	⬭
Outcrop (less than mappable size)	*
Geological Contact (observed)	———
Geological Contact (inferred)	— — —
Glacial Debris, Moraine, Eskers, etc.	·· ━━━ ··
Fault	⌐— ⌐—
Foliation (strike & dip)	173 ← 68
Spot Height	+ 78.6
Horizontal Control	△
Road	— 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

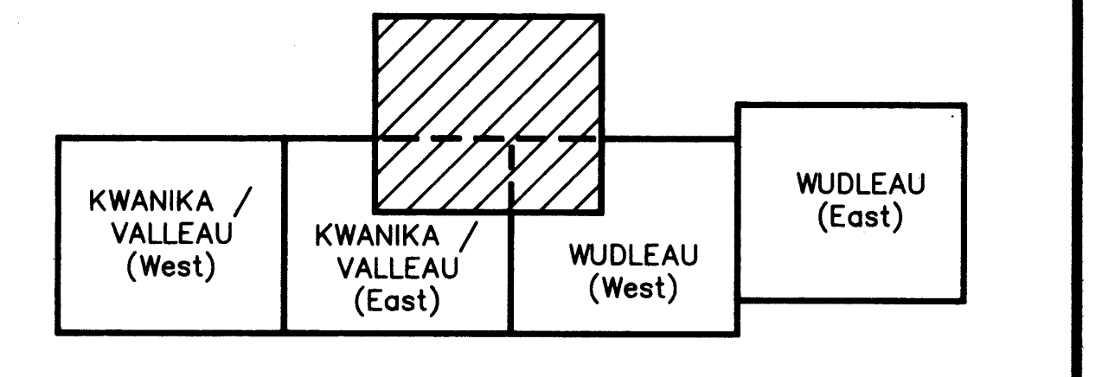
UTM GRID NORTH IS 1°40' WEST OF TRUE NORTH

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

Westmin Resources Limited

WUDLEAU PROPERTY

GEOLOGY MAP

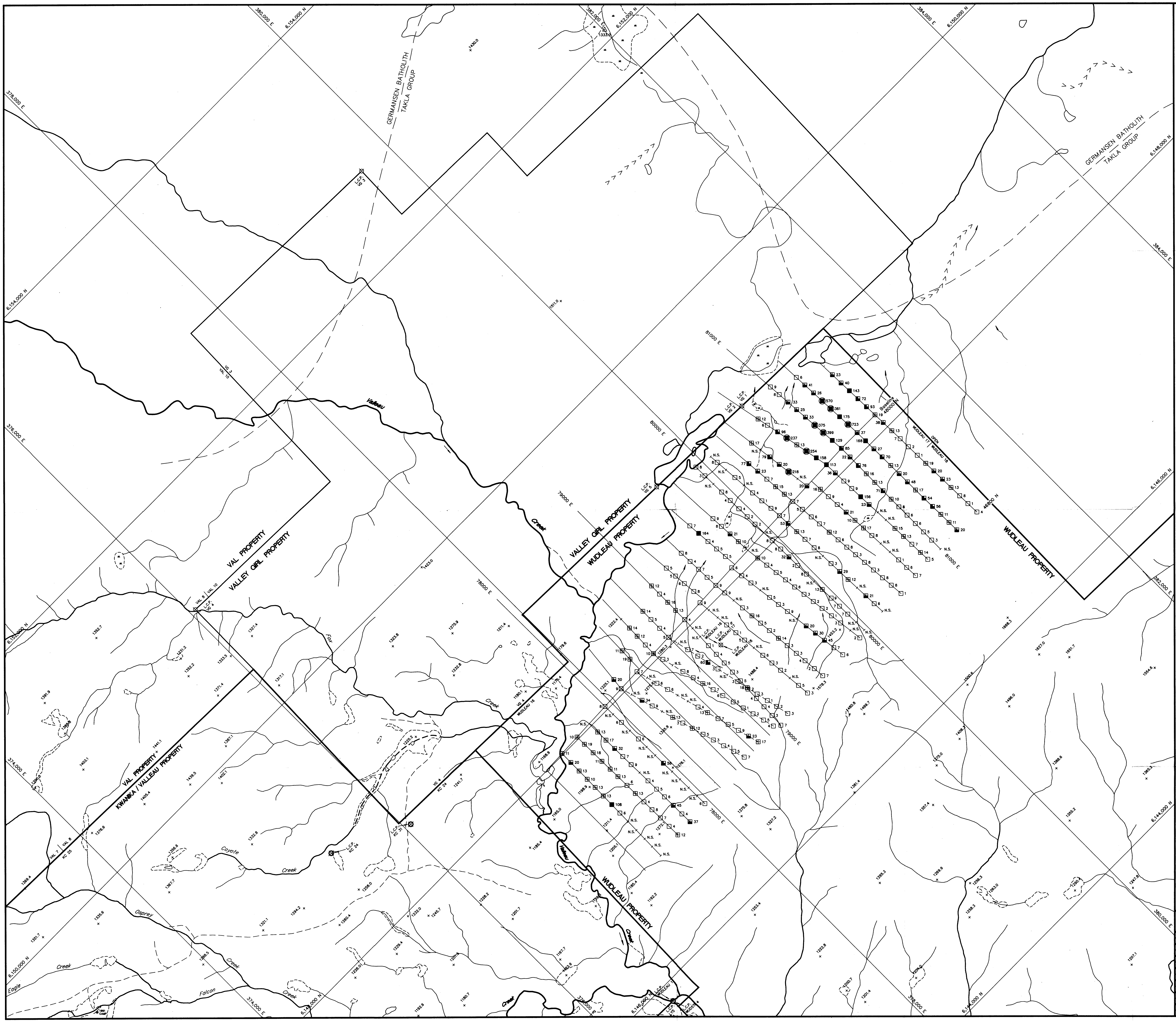
Work By	D.W. / M.J.
Date Drafted	27/11/91
Drafted By	R.A. Ivany
Date Revised	14/01/93
Revised By	M. Jones
N.T.S. Number	93 N/7
File Name	VG_GEOL

SCALE 1 : 10,000

Figure 4

GEOLOGICAL BRANCH ASSESSMENT REPORT

22,757



SOIL GEOCHEMISTRY

Au – ppb

⊡	1 – 9
⊞	10 – 19
▨	20 – 49 (Anomalous)
▨	50 – 99
■	100 – 199
●	200 + (Very Anomalous)

6
21
1
4
14
1
35
2

SOIL SAMPLE LOCATIONS – Au in ppb

SYMBOLS

Spot Height	+ 78.6
Horizontal Control	▵
Road	— — —
Creek	———
Indefinite Creek	—— ——
Lake	⬭
Swamp	⬭
Esker	>>>>>
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

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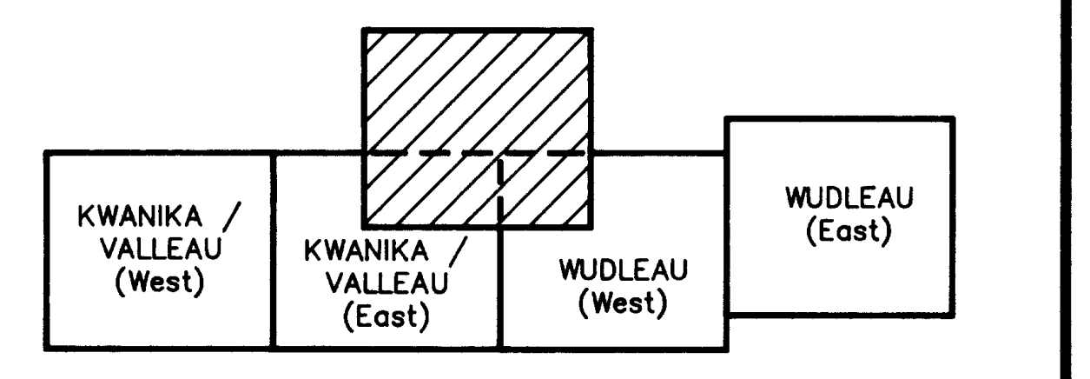
ANNUAL CHANGE DECREASING 12'

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	M. Jones
Date Drafted	16/12/92
Drafted By	R.A. Ivany
Date Revised	
Revised By	
N.T.S. Number	93 N/7
File Name	VG_SOIL

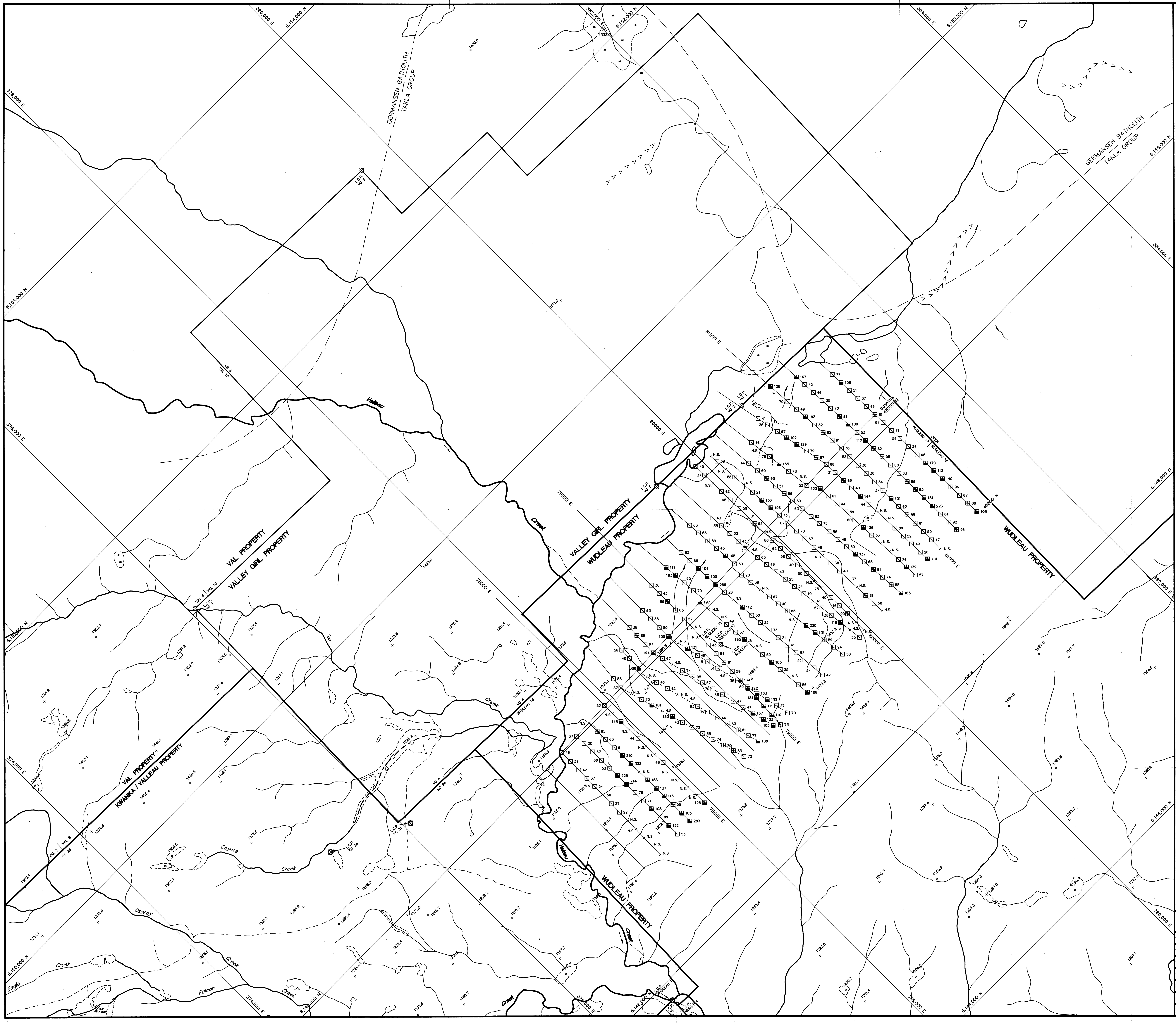
WUDLEAU PROPERTY

Au SOIL GEOCHEMISTRY

200 0 200 400 600m

SCALE 1 : 10,000

Figure 5



SOIL GEOCHEMISTRY

Cu – ppm

⊡	1 – 79
⊞	80 – 99
▣	100 – 199 (Anomalous)
▣	200 – 399
■	400 – 799
●	800 + (Very Anomalous)

55
41
131
67
265
78
92
23

SOIL SAMPLE LOCATIONS – Cu in ppm

SYMBOLS

Spot Height	+ 78.6
Horizontal Control	▵
Road	— — —
Creek	———
Indefinite Creek	—— ——
Lake	⬭
Swamp	⬭
Esker	>>>>>
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

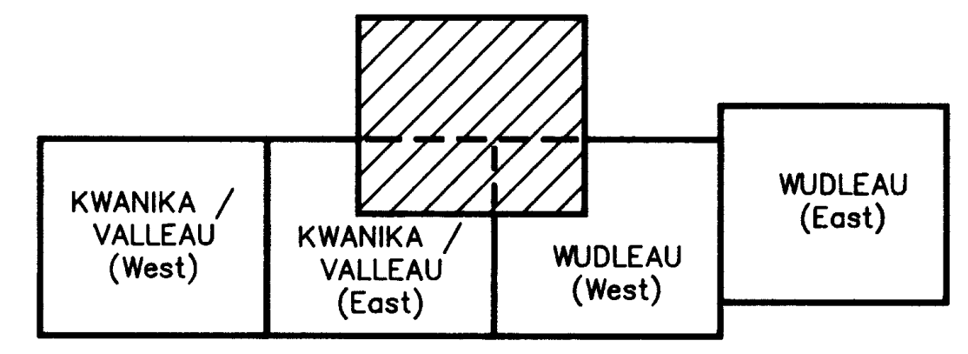
UTM GRID NORTH IS 1° 40' WEST OF TRUE NORTH

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	M. Jones
Date Drafted	16/12/92
Drafted By	R.A. Ivany
Date Revised	
Revised By	
N.T.S. Number	93 N/7
File Name	VG_SOIL

WUDLEAU PROPERTY

Cu SOIL GEOCHEMISTRY

200 0 200 400 600m

SCALE 1 : 10,000

Figure 6