1996 ASSESSMENT REPORT

BENNETT PROPERTY
(Claims LEW 1-13, LQ)

VOLUME 1

GEOLOGICAL MAPPING, LITHOGEOCHEMICAL SAMPLING, GEOPHYSICAL SURVEYING, AND PERCUSSION DRILLING PROGRAM

ATLIN MINING DIVISION
NTS MAP SHEET 104M/15W
LATITUDE 59° 55' N, LONGITUDE 134° 53' W

CLAIM OWNER
WESTMIN RESOURCES LIMITED

OPERATOR
WESTMIN RESOURCES LIMITED

REPORT BY

STEPHEN M. ROWINS, Ph.D., F.G.A.C.

FEBRUARY, 1997

RPT/97-007

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1.0 SUMMARY

The 1996 exploration program on the Bennett Property consisted of geological mapping, lithogeochemical sampling, ground geophysical surveying, and percussion drilling. This work resulted in the identification of two areas which are potential hosts to significant gold mineralization.

The first area occurs over the south-central part of the "Bennett Grid". This large grid (1.6 x 1.8 km) covers the flat, till- and moraine-covered plateau which dominates the central part of the property. Previous government and industry reports indicate that stream sediment samples collected from drainages off this plateau contain anomalously high concentrations of gold, antimony, arsenic, silver, bismuth, and copper. Magnetometer, very low frequency electromagnetic, and induced polarization ground surveys on this grid, in conjuction with geologic investigations beyond its limits, suggest that a sulphide-rich body at least 700 m long and approximately 200 m wide is locallized in a N-striking structure cutting through the centre of the grid. The geophysical anomaly is open to the south and may be much larger than that presently outlined on the Bennett Grid. Sulphide mineralization may be related to auriferous fluids released during crystallization of the Triassic granodiorite underlying the northern part of the grid. Alternatively, ore fluids may have been focussed into this structure during a period of faulting and deformation associated with re-activation of the Llewellyn Fault (and late Cretaceous plutonism?).

A second area associated with a gold geochemical anomaly on the property was termed the "Skarn Zone". Gold mineralization at this showing is associated with a structurally-controlled amphibole-sulphide skarn. Rock chip and grab samples collected during previous soil sampling, trenching, and diamond drilling at this showing in 1990, returned up to 5.8 ounces per ton gold. Moreover, visible gold was identified in 5 of the 9 drillholes. Unfortunately, prior to this past field season, geological and structural maps of the Skarn Zone did not exist. Consequently, there was no geological framework in which to interpret the results of the these earlier studies.

To rectify this problem and gain a better understanding of the siting of gold mineralization in the Skarn Zone, the "Skarn Zone Grid" was re-established and used to map the showing at a detailed 1:1000 scale. Mapping identified two N- to NNW-striking faults, termed the Paddy and Viper. Both are sites of intense carbonate, silica, and limonite alteration, and both are intimately associated with auriferous sulphide mineralization. These faults are likely western splays off the terrane-bounding Llewellyn Fault situated only 1 to 2 km to the east. A series of variably dipping, NE-striking faults on the eastern half of the Skarn Zone Grid, are truncated by the Paddy Fault. Where these NE-striking faults intersect the Paddy Fault, mineralization is well-developed. A review of the 1990 diamond drilling program on the showing reveals that none of the drillholes came within

about 45 m of the Paddy Fault. Thus, for all intents and purposes, the mineralized structure which dominates the Skarn Zone has never been tested.

The siting of gold mineralization on the Bennett Property is largely a function of structure, as opposed to lithological or paleo-depositional factors. Both gold prospects on the property are linear in plan view and elongate in a north-northwest direction. This is the orientation of major faults in the area. If motion on the Paddy and Ben faults is dextral, as seems likely given the dextral motion on the Llewellyn fault, then the north-northwesterly orientation of mineralization on the property is consistent with fluids emplaced in fault zones during the compressive phase(s) of deformation.

Future work on the Bennett Property should consist of diamond drilling, additional ground geophysical surveys, and further lithogeochemical prospecting. With regards to the geophysical anomaly on the Bennett Grid, a program of at least 5 moderately dipping diamond drillholes, 100 to 150 m deep, spaced approximately 100 m apart on 10600 E, 10500 E, 10400 E, 10300 E, and 10200 E is recommended. The Bennett Grid also should be extended several hundred metres to the south to permit additional ground geophysical surveys. These surveys should close off the anomaly and generate several more drill targets.

For the Skarn Zone, a minimum 6 hole diamond drill program to test mineralization along the Paddy Fault is recommended. One hundred to 150 m long drillholes should be collared in the Boundary Range Metamorphics to the west of the Paddy Fault. Spaced approximately 100 m apart, in a more-or-less northerly direction, and inclined moderately to the east, these drillholes will intersect the Paddy Fault at right angles at reasonable depths. In designing the drill program, some consideration needs to be given to the intersections of the NE-striking faults with the Paddy Fault. Lithogeochemical prospecting and sampling should be continued south-southeast of the rehabilitated Skarn Zone Grid in order to further define the limits and intensity of gold mineralization along the Paddy Fault.

Prior to commencing field work, structural measurements from the Skarn Zone and surrounding Bennett Property should be plotted and analysed. Given the structural control over the gold showings on the Bennett Property, some subtle structural details may be important in interpreting potential locations of buried mineralization on or around the property. The dextral sense of motion inferred for the Paddy and Ben faults also requires verification using kinematic indicators in the field (e.g., stretched boudins, porphyroblasts, chatter marks).

2.0 INTRODUCTION

This report summarizes five and a half weeks of geological mapping, lithogeochemical sampling, geophysical surveying, and percussion drilling at Westmin's Bennett Property in northwestern British Columbia in August and September, 1996.

2.1 Location and Access

The Bennett Property is located between Bennett and Tutshi lakes in the Atlin Mining Division of northwestern British Columbia, approximately 28 km south of Carcross, Yukon Territory, or 55 km northeast of Skagway, Alaska, U.S.A.. The property consists of 14 contiguous mineral claims - LQ and LEW 1 through 13 inclusive (Fig. 1). The geographic coordinates of the property on NTS map sheet 104M/15W are 59° 55' N latitude, 134° 53' W longitude.

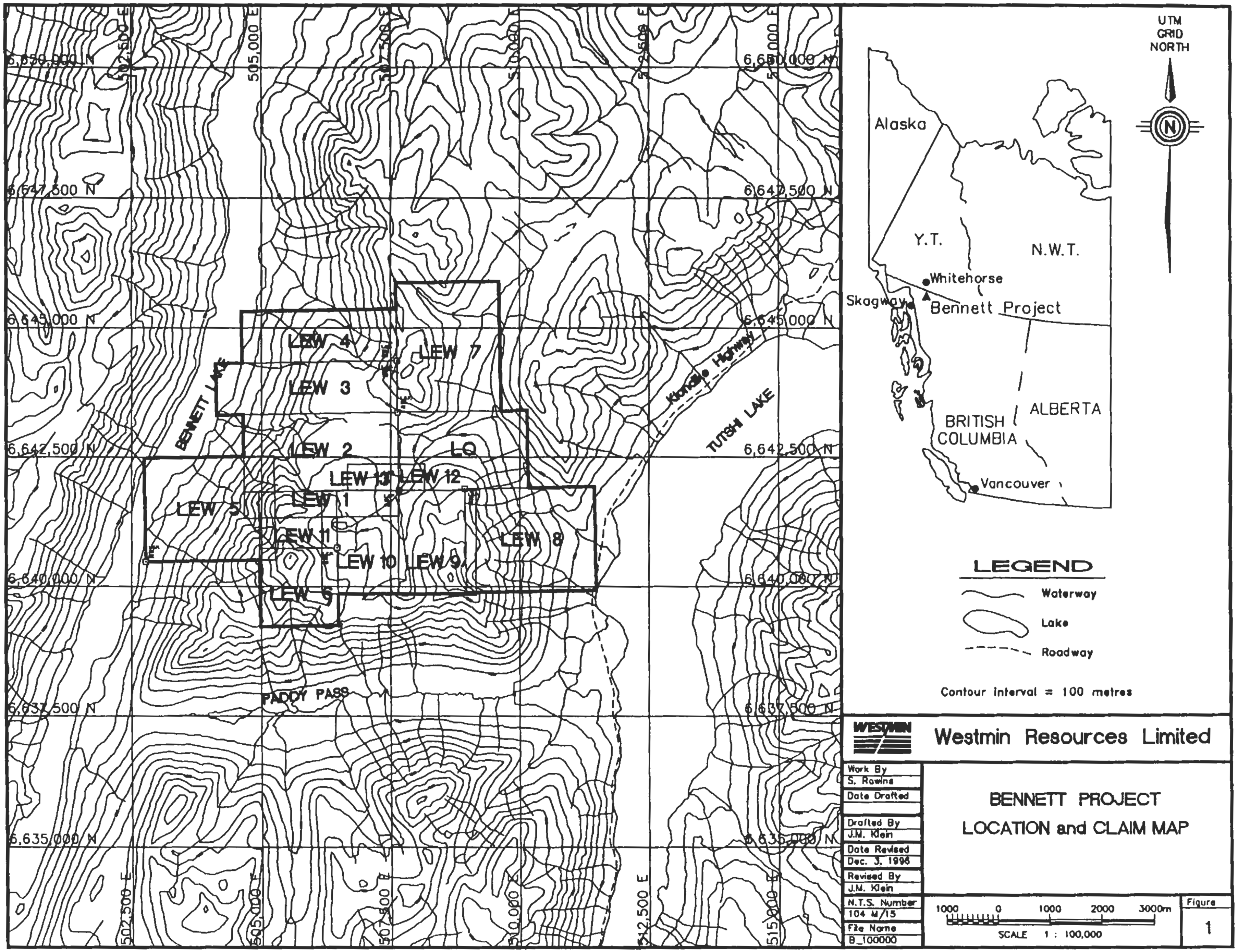
Access to the property is from Highway 2 (also called the Klondike Highway), which links Whitehorse, Yukon Territory, to the deep water port of Skagway, Alaska. A steep, winding, dirt road constructed in 1990 by Lodestar Explorations Inc. and rehabilitated for this project, joins the paved highway approximately 30 km south of Carcross and leads about 9 km westward along a local drainage to the field camp near the centre of the property. Use of the road normally requires four-wheel drive, with tire chains advisable in wet weather conditions. In total, the Bennett Property is 112 km by road from Whitehorse to the field camp.

The property is also accessible via helicopter from bases in Whitehorse to the north, and Altin to the east. In addition, the White Pass and Yukon Railway trackage, which connects Whitehorse to Skagway, crosses the extreme western boundary of the property along the eastern shores of Bennett Lake. However, this railroad operation ceased in 1982.

2.2 Physiography and Vegetation

The region is mountainous with peaks up to 2300 m above sea level (a.s.l). Separating these peaks are broad, U-shaped glacial valleys with valley floors at elevations of 650 m a.s.l.. Two glaciers are present on the north-facing slope of an east-trending ridge that parallels the southern boundary of the claim group.

The central claims encompass a broad, moraine- and till-covered plateau across which several small creeks descend east to Tutshi Lake, and west, to Bennett Lake. Most of the property is situated above treeline (about 1400 m elevation) where the native vegetation is mainly alpine scrub spruce, balsam trees, alpine grasses and mosses. Bedrock exposures typically are limited to steeper slopes and ridge crests. The central plateau, and many of the gentler slopes, are covered by glacial deposits, felsenmeer, and/or poorly developed soil. This year,



6,650,000 N
6,647,500 N
6,645,000 N
6,642,500 N
6,640,000 N
6,637,500 N
6,635,000 N
502,500 E
505,000 E
507,500 E
510,000 E
512,500 E
515,000 E
LEW 1
LEW 2
LEW 3
LEW 4
LEW 5
LEW 6
LEW 7
LEW 8
LEW 9
LEW 10
LEW 11
LEW 12
LEW 13
LQ
BENNETT LAKE
TUTSHI LAKE
Klondike Highway
PADDY PASS
UTM GRID NORTH
N
Alaska
Y.T.
N.W.T.
Whitehorse
Skagway
Bennett Project
BRITISH COLUMBIA
ALBERTA
Vancouver
LEGEND
Waterway
Lake
Roadway
Contour Interval = 100 metres
Westmin Resources Limited
Work By S. Rawlins
Date Drafted
Drafted By J.M. Klein
Date Revised Dec. 3, 1996
Revised By J.M. Klein
N.T.S. Number 104 M/15
File Name B_100000
BENNETT PROJECT
LOCATION and CLAIM MAP
1000 0 1000 2000 3000m
SCALE 1 : 100,000
Figure 1

snow began falling on September 5, leaving a light covering at elevations above approximately 1700 m for the duration of the field season.

2.3 Mineral Claims and Tenure

The Bennett Property consists of 14 contiguous mineral claims (167 claim units). The location of the claims is shown on Figure 1 and pertinent details are listed in Table 1. All claims are owned and operated by Westmin Resources Limited.

TABLE 1

BENNETT PROPERTY CLAIMS

Claim Name	Tenure No.	No. of Units	Record Date	Expiry Date*
LQ	202412	15	1996/07/24	1997/07/24
LEW 1	342440	6	1995/11/18	1996/11/18
LEW 2	342441	18	1995/11/18	1996/11/18
LEW 3	342442	14	1995/11/18	1996/11/18
LEW 4	342443	12	1995/11/18	1996/11/18
LEW 5	342860	20	1995/12/13	1996/12/13
LEW 6	342861	9	1995/12/20	1996/12/20
LEW 7	342862	20	1995/12/20	1996/12/20
LEW 8	342863	20	1995/12/12	1996/12/12
LEW 9	347981	12	1996/07/05	1997/07/05
LEW 10	347982	12	1996/07/05	1997/07/05
LEW 11	347983	6	1996/07/05	1997/07/05
LEW 12	349361	1	1996/08/11	1997/08/11
LEW 13	349362	2	1996/08/11	1997/08/11

* Expiry dates do not reflect filing of the current assessment work.

2.4 Previous Work

The Bennett Lake district was first explored by prospectors travelling to the Klondike goldfields in the 1890's. Gold and silver production was recorded from the Engineer Mine at Taku Arm of Tagish Lake, British Columbia, and the Venus and Big Thing mines on Montana Mountain, just north of the Yukon Territory-British Columbia border (Schroeter, 1986; Mihalynuk and Rouse, 1988b). Numerous old trenches and adits on the Bennett Property show that exploration has occurred intermittently in the past, although none of the work was recorded in assessment records or Ministry of Mines Reports.

During 1982 and 1983, Du Pont of Canada explored the GAUG claims which covered the present LEW 2 to 4 mineral claims (Neelands and Holmgren, 1982; Assessment Rep. 10,427). Geological and geochemical surveys were conducted on portions of the upland plateau and along the walls of a steep, west-trending gully where 3 old adits are located. Du Pont outlined high precious and base metal geochemical anomalies in the gully and on the surrounding plateau. Despite, these findings, Du Pont ceased exploration in the region after the 1983 field season and the claims were allowed to lapse in 1986.

In 1983, Texaco Canada Resources Ltd. staked the BEN 1 to BEN 4 mineral claims which are covered by the present LEW claims. This staking was undertaken to protect gold and silver occurrences discovered in 1982 by prospecting (Lhotka and Olsen, 1982). Texaco's 1983 exploration program included prospecting, geological mapping, geochemical sampling, geophysical surveying, and trenching (Lhotka and Olsen, 1983; Assessment Rep. 12,554).

In 1986 and 1987, the LQ and PAVEY claims (PAVEY 1 TO 6) were staked by Messrs. G.Harris and G. Davidson to cover the area previously held by the lapsed GAUG claims and now covered by the LEW claims. Shortly after, Lodestar Explorations Inc. optioned this group of claims and began prospecting, reconnaissance mapping, trenching, and sampling. Lodestar added the WILLARD claim in 1988, and optioned the adjoining BEN claims in 1988 from Texaco. No exploration, however, was conducted that year. Texaco Canada Resources Ltd. merged with Esso Resources Ltd. in 1989, and the merged company (Esso Resources Ltd.), subsequently underwent a name change in 1993 to Imperial Oil Resources Production Limited.

In 1990, Lodestar embarked on an extensive exploration program that tested all of the more prospective showings on their claim group and in the process discovered two new gold occurrences - the Skarn Zone and the Cowboy Zone. Lodestar's work program included prospecting, lithogeochemical sampling, road building, trenching, and NQ-core diamond drilling (Blanchflower, 1990; Assessment Rep. 20,581). Hemlo Gold Mines Inc. acquired an option on Lodestar's claim group (collectively known as the PAVEY property) in 1993, and conducted limited prospecting in 1993 (Duke, 1993; Assessment Rep. 23,218) and 1994 (Bidwell, 1994; Assessment Rep. 23,550), with Noranda Exploration Company Limited acting as the operator on behalf of Hemlo. In 1993, Lodestar Explorations Inc. changed its name to Precision International Resources Corporation.

Precision allowed the PAVEY claims (PAVEY 1 to 6) to lapse in August and November, 1995, and the ground was re-staked by Westmin in November, 1995. In December, 1995, the BEN 3 and FIN claims (FIN 1 to 5) also were forfeited by Precision and some of the ground they formerly covered was re-staked by Westmin in the same month. In July, 1996, Imperial Oil let the BEN 1, BEN 2, and BEN 4 claims expire. The same month Precision forfeited the LQ claim. Westmin subsequently re-staked the ground covered by all these claims. The 14 claims (LQ and LEW 1 to 13) assembled by Westmin constitute what is presently known as the Bennett Property (Table 1).

2.5 1996 Work Program

Between August 3 and September 12, 1996, Westmin completed a program of geological mapping, lithogeochemical sampling, geophysical surveying, and limited percussion drilling on the Bennett Property. Open file MEMPR BC RGS 37 by Jackaman and Matysek (1993), showed that streams draining from the 2 by 2.5 km wide plateau occupying the central portion of the Bennett claim group were highly anomalous in gold, antimony, arsenic, silver, bismuth, and copper. Unfortunately, the entire plateau is overlain by thick glacial till and moraine which obstensively hides the source(s) of the geochemical anomalies. In order to sample the underlying bedrock and possibly identify the source(s) of the precious metal anomalies, a 150-hole air-track percussion drilling program was designed for the flat central section of the plateau. Rock chip samples recovered were to be logged and chemically analysed. Unfortunately, only 3 of the planned 150 holes (producing 12 rock samples from 45 m of chipped core) were drilled due to poor ground conditions and the inability of the drill to "back-hammer" out of the holes (i.e., pull the rods). The drill program was abandoned after ten days. The 1.6 km wide by 1.8 km long grid constructed on the plateau (termed the "Bennett Grid"), subsequently, was used for detailed ground geophysical studies. These studies included induced polarization (IP), magnetometer, and very low frequency electromagnetic (VLF-EM) surveying. The IP survey was carried out by Scott Geophysics Ltd. of Vancouver, British Columbia.

Two smaller grids, the "Skarn Zone Grid" and the "Camp Grid" also were established on the property. The Skarn Zone Grid was rehabilitated from a soil grid constructed during Noranda's exploration program in 1993. This rehabbed grid was used for geological mapping at 1:1000 scale and selective rock grab sampling (40 samples collected). Work completed over the Camp Grid, originally constructed for the percussion drill program, included magnetometer and VLF-EM ground surveys.

Other geological activities conducted on the Bennett Property included stream sediment sampling, prospecting traverses on the northern and southern edges of the Bennett plateau, and a reconnaissance rock grab sampling program over a 150 m by 350 m area of altered and mineralized granodiorite in the northwest corner of the claim block. These prospecting activities produced a total of 11 stream silt samples and 34 rock samples. All samples from fieldwork this summer were sent to Chemex Laboratories Ltd. in North Vancouver, British Columbia, for fire assay and multi-element analysis.

3.0 REGIONAL GEOLOGY

The regional geology of the Bennett and Tutshi lakes area has been documented in detail by Mihalynuk and Rouse (1988b) and Blanchflower (1990). The following discussion is based on these studies. The salient geological features are displayed in Figure 2 and summarized in Table 2.

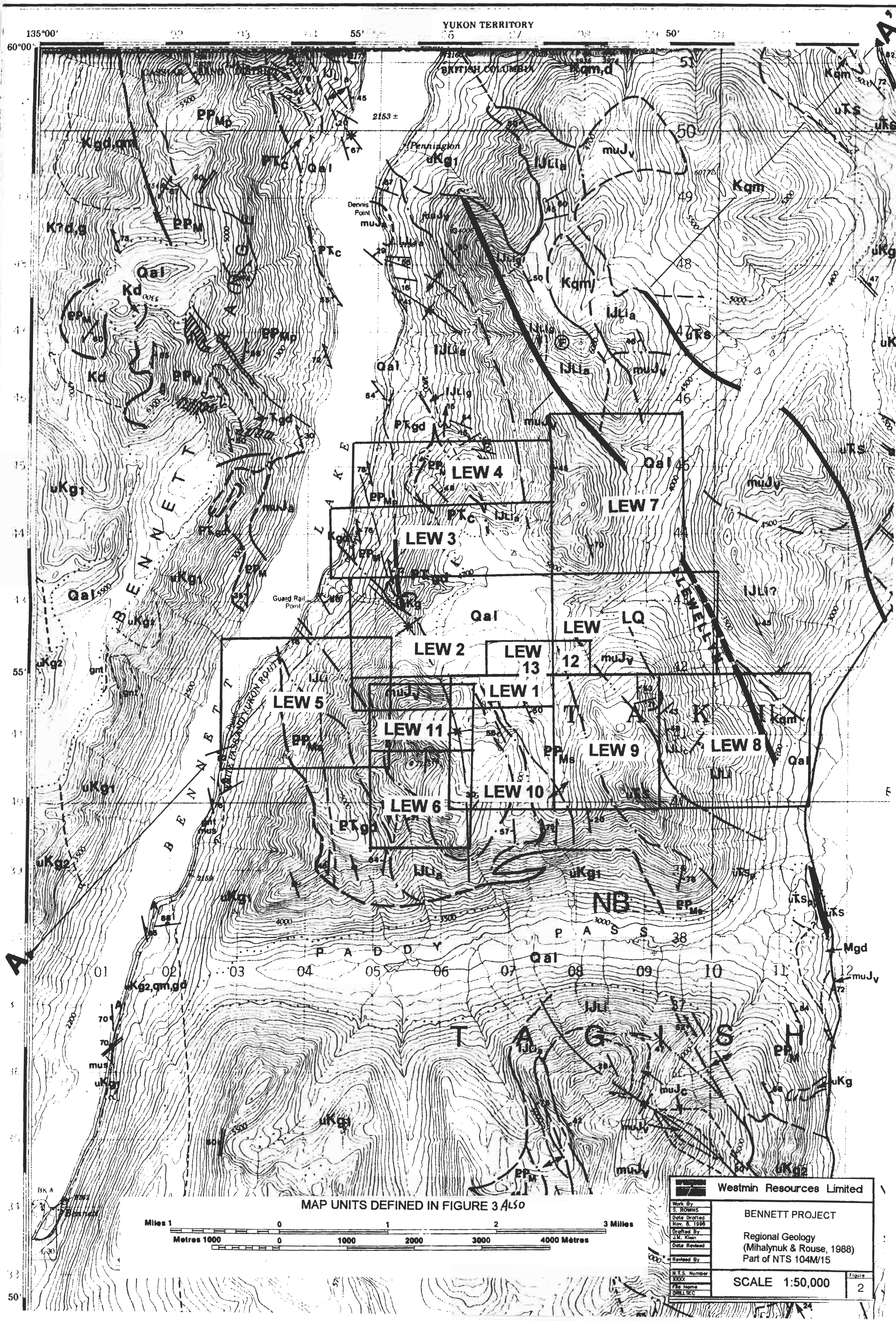
TABLE 2

Geological Features of Rock Formations in the Bennett Lake Area (after Mihalynuk and Rouse, 1988b)

Era	Period of Epoch	Formation	Lithology
Quaternary		Quaternary alluvium	Poorly sorted sands, gravels and till
Mesozoic	Upper Cretaceous?	Montana Mountain volcanics	Intermediate to felsic pyroclastics and flows; typically altered and orange weathering; crosscut by 64-Ma intrusive*
		— Fault or intrusive contact** —	
	Upper Cretaceous	Coast intrusions	K-feldspar megacrystalline granite varying to alkaline granite and granodiorite; dated at 77.9 and 89.5 Ma***
		— Chilled intrusive contact —	
		STIKINIA	
	Probable lower to mid-Jurassic	Volcanics	Dominantly variegated pyroclastic lapilli tuffs; rhyolitic tuffs; bladed-feldspar porphyry flows
		— Unconformity and/or gradational —	
	Lower Jurassic	Laberge Group, Inklin Formation	Siltstones, arenaceous wacks, argillites and conglomerates; rarely fossiliferous
		— Erosional unconformity —	
	Upper Triassic	Stuhini Group	Green pyroxene feldspar porphyry tuffs and breccias; variegated tuffs; minor tuffaceous sediments, limestone
		— Erosional unconformity —	
	Triassic?	Early intrusives	Polyphase granodiorite to alkali granite, typically sheared, foliated and/or altered
		— Intrusive and/or faulted —	
Paleozoic/ Proterozoic		**NISLING TERRANE**	
	pre-Permian (maximum age unknown)	"Boundary Ranges metamorphics"	Argillaceous siltstones, greywackes, lesser basalts, felsic pyroclastcis and carbonates; variably metamorphosed to upper greenschist grade
	— Not observed — separate terranes assumed in fault contact, if at all —		
		CACHE CREEK	
	Mississippian	Nakina Formation	Massive greenschist, altered basic flows and tuffaceous sediments

*Morrison *et al.* (1979)
**Observation of Roots (1980)
***Bultman (1979)

The Bennett Property lies to the west of the NW-striking Llewellyn Fault, a major dextral transcurrent structure which marks the boundary between the strongly deformed rocks of the pre-Permian "Boundary Ranges Metamorphics" of the Nisling terrane to the west, and the volcanic and sedimentary rocks of the Upper Triassic Stuhini Group of the Intermontane Belt to the east (Fig. 2). The



YUKON TERRITORY
BRITISH COLUMBIA
135°00′
55′
50′
60°00′
LEW 1
LEW 2
LEW 3
LEW 4
LEW 5
LEW 6
LEW 7
LEW 8
LEW 9
LEW 10
LEW 11
LEW 12
LEW 13
LEW LQ
BENNETT
LAKE
TAGISH
PADDY PASS
Dennis Point
Guard Rail Point
Pennington
A
A′
MAP UNITS DEFINED IN FIGURE 3 ALSO
Miles 1 0 1 2 3 Miles
Metres 1000 0 1000 2000 3000 4000 Metres
Westmin Resources Limited
BENNETT PROJECT
Regional Geology
(Mihalynuk & Rouse, 1988)
Part of NTS 104M/15
SCALE 1:50,000
Figure 2
Work By S. ROWINS
Date Drafted Nov. 8, 1996
Drafted By J.M. Klein
Date Revised
Revised By
N.T.S. Number XXXX
File Name DRILLSEC

LEGEND FOR FIGURE 2

LAYERED ROCKS

QUATERNARY

Qal	*Unconsolidated glacial till and poorly sorted alluvium*

MIDDLE TO UPPER JURASSIC (?)

muJv	*Variegated pyroclastic lapilli tuffs; bladed feldspar porphyry flows*
muJc	*Clast-supported conglomerate derived primarily from Inklin Formation siltstones and argillites*

LOWER JURASSIC

LABERGE GROUP, INKLIN FORMATION (where undivided denoted as lJLi)

lJLig	*Siltstones, arenaceous wackes (greywackes); may contain macrofossils*
lJLia	*Argillites (may be silty)*
lJLic	*Conglomerates; rarely contain macrofossils*

UPPER TRIASSIC

STUHINI GROUP (where undivided denoted as uTs)

uTsv	*Variegated feldspar-phyric tuffs and lesser flows*
uTsp	*Green pyroxene-feldspar porphyry tuffs and breccias characteristic of this group*
uTsc	*Conglomerates and associated sediments*

PALEOZOIC TO PROTEROZOIC (?)

BOUNDARY RANGES METAMORPHICS (where undivided denoted as PPM)

PPM	*A polydeformed metamorphic terrane of uncertain origin; variably metamorphosed to upper greenschist grade within the map area, and reported up to amphibolite grade to the south.** Protoliths in approximate order of abundance are:*
PPMS	*Argillaceous siltstones, feldspathic wackes and lesser felsic pyroclasts and carbonates (carbonate bands diagonally hatched).*
PPMP	*Altered pyroxenites, foliated gabbros and mafic flow successions*

INTRUSIVE ROCKS

UPPER CRETACEOUS

COAST INTRUSIONS (where undivided denoted as uKg)

uKg1	*Medium to coarse-grained hornblende and biotite granites are most characteristic of the Coast Intrusive rocks; with local gradations to potassium metasomatized alkaline granite (denoted "A") and lesser granodiorite (uKgd). Rare zones with diffuse boundaries contain medium grained garnet (gnt) ± muscovite (mus). Typically containing 2 to 5 centimetre, perthitic potassium feldspar megacrysts. Chilled contacts are quartz-eye feldspar porphyries. K-Ar dated at 89.5 ± 2.6 Ma and 77.9 ± 1.6 Ma***.*
uKg2	*Equigranular uKg1 – lacking megacrystalline potassium feldspar with minor localized exceptions*
uKgd, qm, d	*Granodiorite, quartz monzonite and diorite as compositional variants of uKg1,2*

CRETACEOUS

Kgd, qm g,d	*Granodiorite, quartz monzonite, granite and diorite. Medium to coarse grained and typically more altered than uKg; may rarely be crosscut by ?uKg1,2. Commonly grades rapidly from one phase to another*

TRIASSIC (?)

Tgd, qm	*Porphyritic granodiorite to quartz monzonite; foliated with potassium feldspar phenocrysts and hornblende up to 20 per cent. Minor secondary chlorite, epidote and quartz*

MESOZOIC

Mgd	*Granodiorite; altered, sheared and brecciated felsic intrusive rocks primarily confined to the Llewellyn fault zone. May in part include rocks of PTgd*

PALEOZOIC? TO TRIASSIC

PTgd	*Altered and deformed intrusives. Typically altered and/or deformed weakly to strongly. Composition variable to leucogranite and quartz-diorite; may be silicified.*

presence of Stuhini Group rocks on the eastern edge of the Bennett property, *west of the Llewellyn Fault*, however, implies that the Llewellyn Fault is actually a 2 to 3 km wide fault zone comprising several NW-striking splays in this part of northwestern British Columbia. The NNW-striking Paddy Fault, which hosts an auriferous amphibole skarn on the eastern side of the property, is an example of such a splay (e.g., Fig. 3). Thus, on a regional scale, the Llewellyn Fault crosses the Bennett Property.

In addition to the Llewellyn Fault, LANDSAT-TM imagery (1:100,000 scale) shows that a 10 km wide, NNE-trending set of linears extends 50 km from the Bennett Property south to Skagway, Alaska (Westmin Resources Ltd., unpubl. data). The Bennett Property thus lies at the intersection of two pronounced sets of linears. This structural coincidence may, in part, explain the abundance of precious metal showings and stream sediment gold, silver, antimony, arsenic, bismuth, and copper anomalies on the property (e.g., Open file BC RGS 37).

The Nisling terrane, comprising the Boundary Ranges Metamorphics, marks the transition between the hornblende-biotite granites and granodiorites of the Cretaceous and earliest Tertiary Coast Crystalline Complex to the west, from the Intermontane Belt to the east. Miogeosynclinal sedimentary rocks of the Lower Jurassic Inklin Formation, a subdivision of the Laberge Group, overlie the pre-Permian basement rocks with profound unconformity within the Nisling terrane. Both the basement rocks and the Laberge Group were extensively deformed sometime between the middle Jurassic to late Cretaceous (Mihalynuk and Rouse, 1988b).

4.0 PROPERTY GEOLOGY

Previous assessment reports by Lhotka and Olsen (Assessment Rep. 12,554) and Blanchflower (Assessment Rep. 20,581), in addition to studies by the British Columbian Geological Survey (Schroeter, 1986; Mihalynuk and Rouse, 1988a; 1988b) provide the most complete descriptions of the geology, structure, alteration, and mineralization on the Bennett Property. The following discussion is based mainly on these studies.

4.1 Lithology

The oldest rocks on the property, the Boundary Ranges Metamorphics, underlie the central portion of the property as a NW-trending, tight to open, gently plunging synclinal sequence metamorphosed to upper greenschist facies (Fig. 3). The suite is comprised dominantly of argillaceous siltstones and greywackes with lesser basalts, felsic pyroclastics, and sedimentary carbonates. Prior to final deformation, these strata were intruded by pyroxenites and gabbros.

As noted above, the Stuhini Group occurs on the eastern edge of the property, separated from the Boundary Ranges Metamorphics by the NNW-striking Paddy Fault (Fig. 3). Mihalynuk and Rouse (1988b) recognized five distinct lithologies in the Stuhini Group: (1) Variegated tuffs and sedimentary rocks, (2) Green pyroxene porphyries, (3) Conglomerates, (4) Hornblende-phyric tuffs and epiclastic rocks, and (5) argillaceous to conglomeratic limestones.

Both the Stuhini Group and the Boundary Ranges Metamorphics are unconformably overlain by sedimentary rocks of the Lower Laberge Group (Inklin Formation). The Inklin Formation consists of conglomerate, greywacke, diamictite, immature sandstone and siltstone, and non-calcareous to weakly calcareous argillite (Mihalynuk and Rouse, 1988b). The conglomerates and greywackes tend to form massive beds, whereas the finer grained sedimentary rocks are typically thinly bedded to laminated. These sedimentary rocks are, in turn, overlain by un-named Middle to Upper Jurassic felsic/intermediate volcaniclastic rocks and intermediate/mafic flows.

Altered and deformed late Triassic calc-alkaline granodiorite and alkali-granite dated at 215 ± 5 Ma (Mihalynuk and Rouse, 1988b) crop out in both the southwest and the northwest corners of the property. They commonly host several volume percent pyrite and chalcopyrite. Cretaceous to early Tertiary granite and granodiorite of the Coast Crystalline Plutonic Complex intrude all lithologies and are particularly abundant west of the property (Mihalynuk and Rouse, 1988a).

4.2 Structure

Numerous N-, NW-, NNW-, and NE-striking faults with differing senses of displacement are present on the property, and locallize gold, silver, antimony, arsenic and copper mineralization. The Llewellyn Fault is the dominant structural feature in the region and it occurs along eastern edge of the claim block. It has a west-side-up motion at its southern end southeast of the property, and a contrasting east-side-up motion at its northern end, within, and north of the property (Mihalynuk and Rouse, 1988b).

Lhotka and Olsen (1983) identified two major NNW-striking faults within the LEW 9 and LEW 10 mineral claims (Fig. 3). The more westerly fault was called the Ben Fault, and the more easterly fault, the Paddy Fault. The Ben Fault separates the folded and sheared gneisses of the Boundary Ranges Metamorphics on the east, from sheared argillites of the Inklin Formation to the west (Fig. 3). Blanchflower (1990), however, proposes that the displacement between the rock units on either side of the Ben and Paddy faults are related to coincident shearing superimposed on the stratigraphic angular unconformities.

4.3 Mineralization

The regional metallogenic studies by Schroeter (1986) and Mihalynuk and Rouse (1988b) indicate that the known precious and base metal occurrences of the Tutshi and Bennett lakes area are hosted mainly in the Boundary Ranges Metamorphics. Past exploration in the region has focussed on: (1) stibnite and/or pyrite, galena, sphalerite, and arsenopyrite-bearing veins within dilatant zones with or without concomitant shearing in metamorphic rocks; and (2) sheared quartz-carbonate altered zones with attendant galena and sphalerite within mafic-rich Triassic volcaniclastic rocks (Mihalynuk and Rouse, 1988b).

Blanchflower (1990) notes that past exploration work has identified four types of precious and base metal-bearing mineralization on the property. They are (in order of their significance):

(1) *Quartz-arsenopyrite±pyrite±sphalerite±galena veins.* These N- to NE-striking veins typically are hosted by dilatant shear or fault zones and range in thickness from several centimetres up to 3 m, but are generally on the order of 0.5 m. They are particularly common in the West Gully and Skarn Zone (Fig. 4). Lueck (1989) provides detailed descriptions and chemical analyses of samples of these veins.

(2) *Quartz-stibnite-arsenopyrite±galena±sphalerite±chalcopyrite veins.* These NNW-striking veins are commonly locallized in dilatant shear or fault zones and varying in thickness from a few centimetres up to 1 m. In some veins, coarse-bladed stibnite and fine-grained arsenopyrite form massive to semi-massive clots in buck white quartz. Blanchflower (1990) gives geological and geochemical details on this type of vein.

(3) *Chalcopyrite and magnetite veins.* These veins have only been identified in shear zones on the west-facing cliffs in the LEW 2, LEW 3 and LEW 4 mineral claims. According to Neelands and Holmgren (1982), disseminated and massive chalcopyrite and magnetite occur over 10 m as a 30 cm wide band within a 4 m wide sheared and altered section of granodiorite. Rock grab samples from an old adit driven 7 m easterly on the vein/shear structure returned 3.3 to 9.5% Cu (Lueck, 1989). Lueck (1989) suggests that this fracture-controlled copper mineralization may be related to a porphyry copper system formed during intrusion of the Coast Crystalline Complex.

(4) *Boulders of massive pyrrhotite and pyrrhotite+chalcopyrite-bearing amphibole skarn.* Lhotka and Olsen (1983) discovered these boulders on the ground now covered by the LEW 1, LEW 2, and LEW 5 mineral claims. Samples of float returned gold values of 1 to 9.91 ppm Au (Lhotka and Olsen, 1983). The boulders on LEW 1 and LEW 2 probably can be ascribed to weathering of the ridge hosting the Skarn Zone.

5.0 SURVEYING

Surveying was performed to establish the Bennett, Camp, and Skarn Zone grids (Fig. 4). The grid surveying was accomplished using a transit and tape. All work was supervised by Mr. Alexander Paramonoff, formerly Senior Underground Mine Surveyor at Westmin's Premier Gold Project, Stewart, British Columbia. A detailed report on all survey activities conducted at the Bennett Project in 1996 was prepared by Mr. Paramonoff and is attached as Appendix A.

6.0 LITHOGEOCHEMICAL PROSPECTING

6.1 Bennett Property

Ten stream sediment (silt) samples and 14 rock grab samples were collected via prospecting traverses over the property and analysed for gold, silver, arsenic, antimony, copper, and a host of other elements. Although elevated element abundances were noted in several samples, none were deemed particularly encouraging or identified anomalies not already suspected and located through previous sampling programs (e.g., Lhotka and Olsen, 1983; Jackaman and Matysek, 1993). The location of the samples is shown on Figure 5, and abundances of gold, silver, arsenic, antimony, and copper are plotted on figures 6, 7, 8, 9, and 10, respectively. Brief descriptions of the samples are given in Appendix B. The complete set of analytical data are presented in Appendix C.

6.2 West Gully

One stream sediment (silt) sample and 20 rock grab samples were collected from the steep-walled gully which drains westward off the plateau into Bennett Lake. This location, termed the "West Gully", is outlined on Figure 4. The location of the samples is shown on Figure 11.

Samples were collected at approximately 30 to 50 m spacings on mainly the southern wall of the gully over an area approximately 350 m by 120 m. The southern limit of the sampled area is where the gully wall meets the flat plateau. This portion of the West Gully was systematically sampled owing to the intensely deformed and altered nature of the Triassic granodiorite which crops out here. Intense silicification, carbonatization, and pyritization (up to 5% disseminated pyrite), coupled with the numerous N-, NE-, and NNW-striking quartz-arsenopyrite-stibnite-pyrite-galena-sphalerite veins up to 1 m wide, give the area potential as a bulk mineable target if background gold grades are sufficient. Samples selected were mainly typical examples of altered and deformed granodiorite. Areas containing mineralized veins were avoided where possible so as to allow for a true appraisal of background element abundances in altered granodiorite.

Plots of gold (Fig. 12), silver (Fig. 13), arsenic (Fig. 14), antimony (Fig. 15), and copper (Fig. 16) show that element abundances are low or below detection limit, except for a sample of massive stibnite-arsenopyrite-chalcopyrite-galena-sphalerite-pyrite collected from a 1 m wide quartz-carbonate vein (sample 138696). On the basis of this sampling program, it would appears that the granodiorite is poorly mineralized away from the auriferous quartz-carbonate veins. However, the area tested is small compared to the mass of altered granodiorite in the West Gully and surrounding area. Further sampling is required to determine whether the poor gold grades in this study area are truly indicative of the granodiorite body elsewhere.

Brief descriptions of the samples collected from the West Gully are given in Appendix D. The complete set of analytical data are presented in Appendix E.

7.0 PERCUSSION DRILLING PROGRAM

As noted above, the large Bennett Grid was constructed originally to facilitate a 150-hole percussion drilling program aimed at collecting rock chip samples from bedrock beneath the glacially-covered plateau. This area, encompassing the LEW 2, LEW 3, LEW 12, and LEW 13 mineral claims (Fig. 4), was targeted for percussion drilling based largely on silt samples collected from drainages off the plateau which showed elevated abundances of gold, silver, arsenic, bismuth, antimony, molybdenum, tungsten, and copper (e.g., Copland, 1982; Holmgren and Neelands, 1982; Jackaman and Matysek, 1993). Due to poor ground conditions, and the inability of the drill to "backhammer" out of the holes (i.e., pull the rods), however, only 3 of the planned 150 drillholes were completed prior to abandonment of the drill program (see Figure 4 for drillhole locations). The abbreviated program produced 12 rock chip samples from 45 m of drilling.

The drilling was performed by Mainstreet Mining Ltd., #200-100 Main Street, Whitehorse, Yukon Territory. An air-track percussion drill was used to obtain chips of rock ranging in size from <1 mm up to 2 cm in diameter. Samples blown out of the drillhole accumulated on a clean piece of plywood which fit tightly around the drill rod (and coupling). Samples weighing approximately 2 to 5 kg were collected when drill rods were pulled and a new rod added. This occurred every 10 or 12 ft (3.1 to 3.7 m) depending on whether a 10 or 12 ft rod was used. The sample then was passed through a riffle splitter back in camp to produce two splits of equal size and composition. One split was sent for fire assay and multi-element analyses at Chemex Laboratories in Vancouver, B.C. (Appendix F). The other split was placed under a binocular microscope in camp, and the composition of individual rock chips described (Table 3).

Although chip samples of bedrock were the desired material, chip samples of overburden also were chemically analysed and visually inspected. The chemical

TABLE 3 - ROCK CHIP DESCRIPTIONS, PERCUSSION DRILL PROGRAM

SAMPLE#	HOLE#	LOC. GRID N	LOC. GRID E	UTM N	UTM E	DEPTH FROM (ft)	DEPTH TO (ft)	MATERIAL	GEOLOGICAL DESCRIPTION OF ROCK CHIPS
138704	BEN-96-01	19400	10700	6642218	506732	0	12	overburden	1-15 mm diameter chips; 10% feldspar porphyry, 25% quartz (both buck white & glassy grey); 65% dark grey argillite (Laberge Fm.) or volcanic (Boundary Ranges)
138705	BEN-96-01	19400	10700	6642218	506732	12	24	overburden	1-8 mm diameter chips; 10% feldspar porphyry, 25% quartz (both buck white & glassy grey); 65% dark grey argillite (Laberge Fm.) or volcanic (Boundary Ranges)
138706	BEN-96-01	19400	10700	6642218	506732	24	48	mixed	1-15 mm diameter chips; 78% dark grey-green volcanics; 5% buck quartz; 5% white plagioclase frags; 5% rusty volcanics?; 2% purple hematite; 5% light green (sericite?) frags.
138707	BEN-96-02	19500	10700	6642291	506801	0	12	overburden	1-20 mm diameter chips (ave.~ 7 mm); 78% black-green volcanics; 15% yellow-white quartz; 5% light green (Cr-mica/sericite?) chips; 2% pale grey felsic rock with amphibole clots?; Trace light grey-green breccia with white frags.
138708	BEN-96-02	19500	10700	6642291	506801	12	24	overburden	1-5 mm diameter chips (ave.~ 3 mm); 78% black-green volcanics; 15% yellow-white quartz; 5% light green (Cr-mica/sericite?) chips; 2% pale grey felsic rock with amphibole clots?; Trace light grey-green breccia with white frags.
138709	BEN-96-02	19500	10700	6642291	506801	24	36	mixed	1-5 mm diameter chips; 78% dark grey-green volcanics; 5% buck white quartz; 3% light green (sericite?) frags; 10% pale grey felsic rock with dark green (amphibole?) clots; 3% yellow-brown stained quartz frags.
138710	BEN-96-02	19500	10700	6642291	506801	36	48	bedrock	1-5 mm diameter chips (ave. ~ 3 mm); 60% dark green frags. with whitish spots (mafic volcanic or altered mafic pluton?); 18% whitish frags with green amph clots (amp granite?); 10% dark grey frags w/ square white plag. phenos (feldspar porphyry)
138712	BEN-96-03	19600	10700	6642363	506870	0	12	overburden	1-8 mm diameter chips (ave. ~ 4 mm); 50% dark grey frags. (BCAT?); 13% pale grey frags with green amphibole xstals (felsic dyke?); 10% pale grey frags w/ white phenos (felsic porphyry); 7% rusty quartz; 5% buck qtz; 5% bx frags (grey matrix, white frags)
138713	BEN-96-03	19600	10700	6642363	506870	12	22	overburden	1-8 mm diameter chips (ave. ~ 4 mm); 50% dark grey frags. (BCAT?); 13% pale grey frags with green amphibole xstals (felsic dyke?); 10% pale grey frags w/ white phenos (felsic porphyry); 7% rusty quartz; 5% buck qtz; 5% bx frags (grey matrix, white frags)
138716	BEN-96-03	19600	10700	6642363	506870	22	32	overburden	1-8 mm diameter chips (ave. ~ 4 mm); 60% dark to medium green frags (amphibole skarn?); 20% pale grey-green felsic frags. (felsic dyke?); 10% yellow-brown quartz frags; 10% buck white quartz frags.
138715	BEN-96-03	19600	10700	6642363	506870	32	42	overburden	1-6 mm diameter chips (ave. ~ 3 mm); 50% dark grey frags. (BCAT?); 13% pale grey frags with green amphibole xstals (felsic dyke?); 10% pale grey frags w/ white phenos (felsic porphyry); 7% rusty quartz; 5% buck qtz; 5% bx frags (grey matrix, white frags)
138717	BEN-96-03	19600	10700	6642363	506870	42	52	overburden	1-7 mm diameter chips (ave. ~ 4 mm); 70% medium grey frags. (intermediate volcanic?); 20% light grey frags. (felsic dykes); 10% buck white quartz; 2% rusty red quartz frags.

analyses compiled in Appendix F reveal that none of the samples are particularly well-mineralized. All contain less than 10 ppb Au, 0.6 ppm Ag, 194 ppm As, 4 ppm Sb, and 29 ppm Cu, including the bedrock sample (138710). The results of the descriptive study indicate that rock chips vary widely in the composition and the proportions of a sample they comprise. Typical lithologies identified include, feldspar porphyry, argillite, grey-green volcanic rock, buck quartz, and possibly amphibole skarn and sericitized felsic volcanic rock (Table 3).

8.0 GEOPHYSICAL SURVEYS

8.1 Survey Methods

Ground magnetometer and very low frequency electromagnetic (VLF-EM) surveys were performed by Westmin personnel over the Bennett and Camp grids (e.g., Fig. 4). Scott Geophysics Ltd., of 4013 West 14th Avenue, Vancouver, B.C., performed an Induced Polarization/Resistivity survey (IP) over the Bennett Grid from September 5-10, 1996. This survey covered approximately 15.7 km of line and the results, as reported by Scott Geophysics Ltd., are attached as Appendix G. Only the salient results of the IP survey are presented here.

Magnetometer surveying was performed using a portable GEM Systems GSM-19 Overhauser magnetometer/gradiometer. The total magnetic field was measured, and synchronized operation between hand-held and base-station units allowed for diurnal variations of magnetic field to be done automatically. All measurements were stored as data files in the instrument's microprocessor. Data files were transferred to a laptop computer for further manipulation by commercially available spreadsheet software. The GSM-19 has 0.01 nanoTesla (nT) resolution and 0.2 nT accuracy over its full temperature range (-40 °C to 60 °C). Raw field data for the magnetometer survey are included as Appendix H.

VLF-EM data was collected at the same time as the magnetic data. Parameters measured in the VLF-EM survey included, (1) the vertical In-phase and Out-of-phase components as a percentage of total field, (2) two components of horizontal field, and (3) the absolute amplitude of the total field. Transmitting stations used in the collection of secondary electromagnetic field data (as picoTeslas, pT) include Annapolis, USA (21.4 kHz), NW Cape, Australia (22.3 kHz), and Seattle, USA (24.8 kHz). Comparison of VLF-EM data collected on these frequencies revealed that the In-phase data for frequency 21.4 kHz (Annapolis, Maryland) produced optimum coupling of the electromagnetic fields (e.g., Van Blaricom, 1992). Consequently, VLF-EM data for this frequency was used for interpretation. Note that changes in sign for the vertical In-phase and Out-of-phase data are done automatically by the GSM-19 unit when the end of a line is reached and operator changes facing direction (i.e., another line is started in the opposite direction). As with the magnetometer data, measurements stored in the unit's microprocessor were transferred to a laptop computer for further manipulation by commercially available spreadsheet software. Raw field data for the VLF-EM survey are included as Appendix H.

8.2 Ground Magnetometer Survey Results

8.2.1 Bennett Grid

Contoured magnetometer survey data are presented on Figure 17. Contour intervals are set at 50 nT, with measured values ranging between 57900 nT and 58800 nT. Note that Grid North (GN) is 45° northwest of True North (TN) at 315°. Bearings given in the discussion below refer to TN unless stated otherwise.

Figure 17 shows that the magnetometer survey identified several strong magnetic "Highs". A broad (300 m wide) N-trending "ridge" cuts across the western half of the grid. Another prominent High, a 300 x 400 m semi-circular anomaly, is situated in the eastern part of the grid. The cause of these magnetic anomalies is uncertain, but they could represent concentrations of pyrrhotite and/or magnetite. Boulders of massive pyrrhotite and pyrrhotite+chalcopyrite-bearing amphibole skarn were found on the plateau by Lhotka and Olsen (1983). This style of mineralization was again recognized by Westmin geologists this summer, both as boulders on the plateau and as outcrop in the Skarn Zone. Disseminated to massive magnetite and chalcopyrite also occur in veins on the West-facing cliffs immediately west of the plateau (Neelands and Holmgren, 1982). Thus, highly magnetic mineralization does exist on the property. There is also the possibility that highly magnetic intrusive dykes and plugs are the cause of some magnetic highs, although data on the magnetic susceptibility of intrusive rocks in the area is not available.

8.2.2 Camp Grid

The small Camp Grid, situated just north of Westmin's 1996 field camp, overlies the area between the NNW-striking Ben Fault to the west and the NNW-striking Paddy Fault to the east (Fig. 4). Both of these faults are associated with significant gold-silver-antimony mineralization. The numerous quartz-arsenopyrite-stibnite veins exposed along Ben Creek indicate that similar mineralization is developed between the faults (e.g., Fig. 3). Consequently, a percussion drill program was planned to sample the bedrock beneath the glacial overburden. Like the Bennett Grid, however, ground conditions on the Camp Grid prevented the use of the drill, but a magnetometer and VLF-EM survey was carried out nonetheless. Time constraints prevented the Scott Geophysics crew from performing an IP survey over the grid. Note that for the Camp Grid, Grid North (GN) is equivalent to True North (TN).

The magnetometer survey identified several weak to moderate magnetic Highs (Fig. 18). These Highs, however, do not fall into any regular pattern or form a particular trend. Their cause(s) is unknown at present, but may be the same as that suggested for magnetic anomalies on the Bennett Grid.

8.3 Ground VLF-EM Survey Results

8.3.1 Bennett Grid

VLF-EM In-phase data collected on frequency 21.4 kHz (Annapolis, U.S.A.) are presented on Figure 19 in contoured Fraser-filtered form. The technique used to filter the VLF-EM In-phase data is described in Fraser (1969). Using this frequency, at least two, and possibly three, narrow, northerly-trending anomalies pass through the centre of the grid (Fig. 19). This is the approximate orientation expected for major faults in the region. A fourth NW-trending anomaly may exist along the northern edge of the grid, northeast of the three northerly-trending anomalies. It gives the appearance of intersecting/truncating(?) the more prominent northerly trends. From west to east, the anomalies are termed "A", "B", "C" and "D".

Reconnaissance mapping of the granodiorite cropping out on the northern edge of the plateau, just beyond where the grid ends and where the northerly-trending anomalies project to, reveal that the granodiorite is indeed strongly deformed and faulted over a width of more than 400 m (see Fig. 3). Silicification, carbonatization, limonitization, and disseminated sulphide mineralization are common over much of this 400 m wide zone. Consequently, the VLF-EM anomalies on the Bennett Grid are interpreted to represent faults and are marked as such on the property geology map (Fig. 3).

Overlaying the VLF-EM and magnetometer geophysical surveys (Figs. 17 and 19) reveals that N-trending VLF-EM anomaly "A" and the N-trending magnetic High could represent the same geologic feature (i.e., a mineralized granodiorite apophyse in a fault zone). The other magnetic High does not overlap with any VLF-EM anomaly.

8.3.2 Camp Grid

Fraser-filtered In-phase data for frequency 21.4 kHz delineated a distinct NNE-trending anomaly along the western edge of the grid (Fig. 20). This anomaly does not correspond to any particular topographic feature on the Camp Grid. It does, however, occupy the approximate position that anomaly "D", along the northern edge of the Bennett Grid would likely project to, with slight bending, if extended in a southerly direction (marked as a fault on Fig. 3).

Southward extension of the VLF-EM anomaly off the Camp Grid, reveals that it would intersect the Ben Fault within 200 m. The Ben Fault was demonstrated by Lhotka and Olsen (1983) to be a strong, linear, VLF-EM anomaly similar in shape and form to the VLF-EM anomaly on the Camp Grid. Trenching across the inferred position of the Ben Fault some 200-300 m west-southwest of Westmin's field camp by Lodestar Explorations Inc. in 1990, showed that it was a zone of intense deformation and alteration (Fig. 3). This combined geological and geophysical evidence suggests that the Camp Grid VLF-EM anomaly represents a splay off the Ben Fault which traverses the plateau.

8.4 Ground IP Survey Results for the Bennett Grid

In the report by Scott Geophysics Ltd. (Appendix G), a very strong, linear, N-trending IP anomaly (high chargeability/low resistivity) was identified in the south-central part of the grid from 10,600E to 10,100E, and from 19,600N to 20,100N. The anomaly has a classic "pants-leg" signature in pseudo-section (e.g., Milsom, 1989) and is open to the south where the grid ends. Towards the north, the anomaly lessens in intensity but widens to approximately 500 m, suggesting that the sulphide source(?) is getting deeper. It is possible that this northern part of the anomaly is reflecting the disseminated sulphide hosted in the faulted and altered Triassic granodiorite. It is significant that both the northerly trend and the position of this IP anomaly on the grid, coincide with VLF-EM anomaly "C" (Fig. 19) and perhaps the magnetic High "ridge" (Fig. 17).

Another high chargeability/low resistivity IP anomaly was picked up on the eastern side of the Bennett Grid. The grid was extended for another 400 m east in this area to more fully investigate the nature of the anomaly. The very low resistivity, extremely high chargeability, and regular slope of the contours suggest that this is a lithologic unit, not a sulphide conductor. Geological mapping shows that the position of this IP anomaly on the grid correlates with argillites of the Inklin Formation (Lower Jurassic Laberge Group; Fig. 3). These rocks are very likely graphitic, hence the IP anomaly. There are no other graphitic rocks known in the area.

9.0 GEOLOGY OF THE SKARN ZONE

Visible gold in several quartz-calcite stringer veins within a gossanous 100 m long by 50 m wide area along the northern extension of the Paddy Fault was identified in 1990 by B. Lueck of Lodestar Explorations Inc.. Termed the "Skarn Zone", the showing is located on a high NW-trending ridge approximately 1 km due east from Westmin's field camp (Figs. 3 and 4). Lodestar undertook an unusual 9-hole diamond drill program from a single setup in 1990, plus some trenching and sampling, to determine the extent of the gold mineralization. Although unsuccessful in delineating a large ore body, the program did show the northeast section of the Skarn Zone to be significantly enriched in gold and silver. Five of the diamond drillholes had intervals of core with visible gold. Assays showed the tenor of mineralization to range from more than 1 g/t Au across 1 to 9 m, to over 100 g/t Au across much narrower widths (Blanchflower, 1990). Visible gold also was associated with actinolite-chlorite veinlets cutting metasomatized host-rocks near a feldspar-amphibole porphyry dyke in Trench 1 (see trench location in Fig. 21). Assays of 2-metre chip samples from this trench yielded up to 5.8 oz/t Au.

Subsequent investigations of the Skarn Zone by the Noranda Exploration Company Ltd. (on behalf of Hemlo Gold Mines Inc.) in 1993 (Assessment Rep. 23,218) and 1994 (Assessment Rep. 23,550) resulted in the construction of a grid over the entire hill. Systematic soil sampling at 50 m spacings on this grid indicated that much of the hill (well over 500 m in strike length) was anomalous with respect to gold (hundreds to thousands of ppb Au). However, no further work was done by Noranda after the 1994 field season.

In light of these findings, Westmin re-established the Noranda grid in 1996 and produced a detailed 1:1000 scale geological map of the Skarn Zone (Fig. 21). Note that the Skarn Zone Grid North is 38° northwest of True North at 322°. Additional rock grab samples of gossan and mineralized structures on the hill were collected to give a combined geochemical sample database of 212 samples (40 Westmin rock samples and 172 Noranda soil samples). The location of rock samples collected in 1996 by Westmin are shown on Figure 22, and abundances of gold, silver, arsenic, antimony, and copper are plotted in figures 23, 24, 25, 26, and 27, respectively. Brief descriptions of the Westmin rock samples are given in Appendix I. The complete set of analytical data are presented in Appendix J.

9.1 Mappable Rock Units

The present disposition of rock units in the Skarn Zone is controlled largely by the NNW-striking Paddy Fault, which actually strikes to the north at the scale of the Skarn Zone map (Fig. 21). Consequently, it is referred to as a N-striking fault in the following section. The Paddy Fault, dipping 40 to 75° to the west, cross-cuts the top of the NW-trending ridge and effectively bisects the Skarn Zone (Fig. 21). West of the Paddy Fault lies the pre-Permian Boundary Ranges Metamorphics. East of the fault lies the Upper Triassic Stuhini Group. A description of the various rock types comprising the Skarn Zone is given below.

9.1.1 Rock Types of the Stuhini Group

Augite porphyry flow (APF) - This is a dark green, medium-grained, massive rock with 1-8 mm diameter phenocrysts of dark green augitic pyroxene hosted in a whitish grey groundmass of fine-grained plagioclase. Flows are commonly intensely limonitized, silicified, carbonatized and amphibolitized. Amphibole alteration may be pervasive and texturally destructive, or more locallized, forming isolated veins. Cross-cutting arrays of amphibole veins (0.5 to 20 mm wide) produce "amphibole stockworks", analogous to the sulphide stockworks in porphyry copper-gold deposits. Pyrite, pyrrhotite, and lesser chalcopyrite, arsenopyrite and stibnite are concentrated in the amphibole veins. Patches or clots of sulphide occur where several amphibole veins intersect.

Crystal ash tuff (SCAT) - This is a light to medium greenish grey, fine- to very fine-grained, thinly layered rock. Where thermally metamorphosed and/or highly deformed, such as near dykes and faults, rock layering thins to laminations (i.e., layering < 1 mm wide). Small (<1 mm diameter), white, euhedral feldspar crystals (and crystal fragments?) are concentrated in some layers.

9.1.2 Rock Types of the Boundary Ranges Metamorphics

Amphibole-quartz gneiss (AQG) - This is a highly deformed, fine-grained, compositionally banded rock, characterized by upper greenschist facies minerals. Alternating mafic (medium to dark green) and felsic (greyish white) bands, 1 to 15 mm wide, impart a striped or gneissic texture to the rock. This gneissosity gives way to a schistosity in the more finely banded specimens. The dominant mafic mineral is amphibole, with lesser pyroxene, epidote, and chlorite. The dominant felsic mineral is quartz with lesser feldspar and carbonate. Milky white quartz boudins are commonly aligned within the plane of foliation. In general, boudins are highly fractured and only rarely contain sulphides. More typically, sulphides occur as disseminations and as cross-cutting veinlets in the gneiss. Alteration by carbonate and amphibole-chlorite is concentrated in the mafic bands. Foliation generally strikes to the northeast and dips to the southeast.

Crystal ash to lapilli tuff (BCAT) - This is a highly deformed, fine- to very fine-grained, laminated, greyish black rock. It is characterized by upper greenschist facies minerals. Where interbedded with highly strained or thermally metamorphosed Amphibole-Quartz Gneiss, the rock may superficially resemble black argillite. Up to 1 mm wide, whitish grey crystals of feldspar are prominent in some bands. Sulphides occur both as disseminations and as thin, fracture-filling veinlets. Foliation developed in this unit normally strikes to the northeast and dips to the southeast. In general, tuff of the Boundary Ranges Metamorphics is more deformed and metamorphosed than that belonging to the younger Stuhini Group.

9.1.3 Felsic Dykes

Several varieties of felsic dykes are present in the mapped area. No preferred orientation is noted for any variety.

Feldspar (±quartz) amphibole porphyry (FAP) - A fine- to medium-grained, greyish green groundmass hosts euhedral,1 to 3 mm wide, phenocrysts of plagioclase and amphibole. "Quartz eye" phenocrysts are rare. Blanchflower (1990) termed this unit a "hornblende-feldspar porphyry sill".

Feldspar-quartz porphyry (FQP) - This rock is similar to the FAP described above, but is more felsic.

9.1.4 Intermediate Dykes

Only one variety of intermediate dyke was recognized in the map area. The dykes showed no preferred orientation.

Andesite (And) - This rock is fine-grained, equigranular, and medium grey. Its colour and appearance are suggestive of an andesitic composition. Porphyritic textures are rare.

9.2 Mineralization and Alteration

Several types and styles of mineralization were identified in the Skarn Zone. They are briefly described below.

Amphibole-albite-calcite-sulphide skarn (AMSK) - This style of mineralization is most strongly developed in the Augite Porphyry Flow of the Stuhini Group cropping out in the northeast quadrant of the grid. Near the Paddy Fault, however, skarn also is extensively developed over the Amphibole-Quartz Gneiss of the Boundary Ranges Metamorphics. No preferred association with any type of felsic dyke was recognized, although dyking is most intense in the northeast quadrant of the grid. Dark green actinolitic amphibole is intimately associated with pyrite and pyrrhotite, and to a lesser extent, with chalcopyrite, stibnite, arsenopyrite and gold. Amphibole typically fills thin (1 to 10 mm wide), unoriented, fractures which are surrounded by narrow alteration haloes of greyish white albitic plagioclase. Massive amphibolite results in zones with extensive amphibole veining.

Quartz-carbonate veins (QC) - These veins are buff brown to creamy white in colour and are preferentially associated with faults and fracture zones throughout the map area. Veins range from <1 cm up to 10 cm in width, and may be either barren or contain abundant pyrite and pyrrhotite. Weathering to a brown-orange colour, these veins are markers for the various faults in the map area.

Iron-sulphide gossans (G) - Soft and friable to hard and silicified outcrops of orange-brown limonite are common in both the Augite Porphyry Flow and the Amphibole-Quartz Gneiss. In the latter, they delineate subparallel, N-striking fracture zones related to deformation and movement associated with the Paddy Fault. In the Augite Porphyry Flow, they outline NE-striking faults in addition to the Paddy Fault. In some gossans, significant pyrite-pyrrhotite has survived oxidation. Carbonate is a common accessory mineral.

Quartz-carbonate breccias (QCBX) - This breccia is associated with NE-striking faults and quartz-carbonate (QC) veins in the Stuhini Group. A brownish orange groundmass supports fragments of grey quartz and creamy white carbonate.

Stibnite-arsenopyrite-quartz veins (SAQV) - These veins are present mainly in the southwest quadrant of the grid, west of the Paddy Fault, in the Boundary Range Metamorphics. These veins are similar to those found throughout the Bennett Property (i.e., West Gully, Stibnite zone, Stratabound Au showing, LQ veins, veins along Ben Creek; Blanchflower, 1990). Veins are massively textured with yellowish green scorodite (after arsenopyrite) alteration and range from several centimetres up to 50 cm in width.

9.3 Structure

Structure clearly exerts a major control over the siting of gold mineralization in the Skarn Zone. The salient structural features are discussed below.

9.3.1 Major Faults

The Paddy Fault, which strikes in a northerly direction in the map area, separates the Upper Triassic Stuhini Group from the pre-Permian Boundary Ranges Metamorphics (Fig. 21). This fault zone is likely a splay off the Llewellyn Fault lying 1 or 2 kilometres to the east (Fig. 3). On a regional scale, the Paddy Fault may be considered part of the Llewellyn Fault Zone. Although not measured, it is probable that motion on the Paddy Fault is dextral, like the Llewellyn, and dips moderately to steeply to the west, opposite to the main foliation in the map area. The fault is very prominent in the northern half of the grid where intense orange-brown limonite and carbonate alteration contrasts with surrounding dark to medium green metamorphic rocks. This gossanous alteration zone extends for 10 to 15 m on either side of the fault.

Another N-striking fault, termed the Viper Fault, occurs entirely in the Boundary Range rocks, just west of the Paddy Fault. It is largely covered by rubble, but crops out in the northern half of the grid. To the south, the fault is mainly traced on the basis of orange-brown gossans and the presence of quartz-carbonate alteration. It is unlikely to have had as great a displacement as the Paddy Fault.

9.3.2 Minor Faults

These faults mainly occur in the Stuhini Group. They tend to be NE-striking and terminate against the N-striking Paddy Fault. This relationship implies that they pre-date final movement of the Paddy Fault. This relationship is typical in terrane-bounding fault zones. Slickensides measured on amphibole-striated surfaces pitch at 40 to 45° in the fault plane, which itself strikes 040 to 050° and dips either to the north or south (e.g., Fig. 21). Chatter marks imply movement is to the northeast. These faults are recognized in the field from the intense orange-brown carbonate and limonite alteration. The other key identification features are a topographic ones: the faults tend to occupy depressions in the NW-trending ridge that passes through the Skarn Zone. Distinct breaks in slope are also good topographic markers of these faults.

9.3.3 Fractures

In places where limonite and carbonate alteration are intense, evidence for fault displacement is ambiguous. These zones, instead, may be simple extensional fractures filled with mineralizing fluids channelled up the Paddy Fault (off a buried intrusive?).

9.3.4 Breccias

Tectonic quartz-carbonate breccias are most commonly associated with fractures and minor faults. Intense limonite-carbonate alteration is characteristic of these breccias. Evidence for explosive hydrothermal breccias is lacking in the Skarn Zone. Minor occurrences of chloritic breccias were observed in the Boundary Ranges rocks.

9.4 Geochemistry

Forty rock grab samples of veins and gossans cropping out in the Skarn Zone were collected during the 1996 field season. Many were significantly enriched in gold, silver, arsenic, antimony, and copper among other elements (Appendix J). The location of the 1996 rock samples is shown on Figure 22. These samples were collected to augment the database of 172 soil samples collected over the Skarn Zone Grid by Noranda in 1993 (Assessment Rep. 23,218). These new geochemical data also permit corroboration of the precious metal anomalies identified in the Skarn Zone by Noranda.

Abundances of gold, silver, arsenic, antimony, and copper are plotted on figures 23, 24, 25, 26, and 27, respectively. Collectively, these plots demonstrate that the Paddy Fault, and to a lesser extent the Viper Fault, are the locus of intense mineralization which has a minimum strike length of 500 m and a width of about 200 m (centered on the Paddy Fault). Where the Viper Fault is exposed in the northern part of the grid, the zone of mineralization may widen. Gold assay data (Fig. 23) indicate that most samples possess 10's to 100's of ppb Au, with 7 rock grab samples in the range of several g/t Au (up to 12 g/t). It is evident that the NE-striking minor faults tend to be well-mineralized with respect to the precious metals. Moreover, some of the higher gold and silver abundances occur where the NE-striking faults, or their projections, intersect with the N-striking Paddy Fault.

These geochemical data plotted in figures 23 to 27 generally vary sympathetically, with high gold grades correlating with high silver, arsenic, antimony, and copper concentrations. The presence of abundant arsenopyrite and stibnite in many veins and gossans is corroborated by the very high arsenic and antimony values in rock grab samples. Five rock samples contain 100's to 1000's of ppm Sb, with one sample (138782) possessing in excess of 10,000 ppm Sb. Similarly, many rock samples possess 100's to 1000's of ppm As, with 6 samples having in excess of 10,000 ppm As. Copper abundances typically range in the 100's of ppm, with several samples giving 1000's or 10,000's of ppm (e.g., samples 138766, 138783, 138802; see Appendix J)). These latter samples possess visible chalcopyrite. Note that elements with abundances below detection limit are plotted with the detection limit values reported by Chemex Laboratories in figures 23 to 27 (i.e., 5 ppb for Au, 0.2 ppm for Ag, 1 ppm for Cu, and 2 ppm for As and Sb). Conversely, elements with abundances exceeding the upper analytical limits are plotted with the upper limit value, unless samples were re-assayed using a more suitable procedure.

Concentrations of other gold pathfinder elements such as mercury and bismuth are generally low (Appendix J), suggesting that Skarn Zone mineralization is not of the epithermal variety (e.g., Heald et al., 1987; White and Hedenquist, 1990). Abundances of molybdenum and tungsten are rarely above detection limits. Lead and zinc abundances are in the range of 10's to 100's of ppm, excluding one rock sample (138781) which contains 27,500 ppm Pb.

10.0 CONCLUSIONS

The program of geological mapping, lithogeochemical sampling, geophysical surveying, and percussion drilling carried out on the Bennett Property between August 3 and September 12, 1996, identified two areas which are potential hosts to significant gold mineralization. The first of these two areas occurs in the central portion of the Bennett Grid. The three geophysical surveys (magnetometer, VLF-EM, and IP) in conjuction with the geologic investigations beyond the limits of the Bennett Grid, suggest that a sulphide-rich body, at least 700 m long and approximately 200 m wide, is locallized in a N-striking structure which cuts through the centre of the grid. The geophysical anomaly is open to the south and may extend much further in that direction. Sulphides present may be related to mineralizing fluids released during crystallization of the Triassic granodiorite underlying the northern part of the grid. Alternatively, ore fluids may have been focussed into this structure during a period of faulting and deformation associated with re-activation of the Llewellyn Fault (and late Cretaceous plutonism?).

The second area associated with a gold geochemical anomaly is termed the Skarn Zone. It is a structurally-controlled amphibole-sulphide skarn and was previously identified and explored by Lodestar Explorations Inc. in 1990 (Assessment Rep. 20,581), and Noranda in 1993 (Assessment Rep. 23,218) and 1994 (Assessment Rep. 23,550). Prior to this field season, however, geological maps of the Skarn Zone did not exist. This situation existed despite both the expensive diamond drilling program by Lodestar and successive geochemical sampling programs by Noranda. There was simply no geological framework in which to interpret the results of the these programs.

Detailed 1:1000 scale geological mapping of the Skarn Zone in 1996 showed that the N-striking Paddy and Viper faults are sites of intense carbonate, silica, and limonite alteration, and are intimately associated with auriferous sulphide mineralization. These two faults are western splays off the terrane-bounding Llewellyn Fault situated only 1 to 2 km to the east. A series of variably dipping, NE-striking faults in the Stuhini Group, on the eastern half of the grid, are truncated by the Paddy Fault. Mineralization appears to be very well developed in places where these NE-striking faults intersect the Paddy Fault. In reviewing the drill program by Lodestar in 1990, it is apparent that none of their drillholes came within about 45 m of the Paddy Fault. This fault is a moderately to steeply W-dipping structure, and the short drillholes (30 to 70 m) by Lodestar were oriented either away from the fault, or parallel to it, some 45 m to the east in the Stuhini Group. For all intents and purposes, the mineralized structure(s) which dominates the Skarn Zone has never been tested.

Mapping also revealed that igneous dyking is concentrated in the northeast quadrant of the Skarn Zone Grid, although talus covers most of the western half of the grid area hindering a true appraisal of the extent of the igneous activity in the area. The abundance of felsic dykes in the northeast quadrant coincides with where amphibole-sulphide skarn and iron gossans are best developed. This is highly suggestive of some genetic link to the dykes, if not exactly a direct one, since Lodestar's drill logs indicate that the most intense skarning and strongest mineralization are not developed immediately adjacent to the dykes. The dykes may just represent the upper parts of a much larger granitic pluton underlying the Skarn Zone map area. The Paddy Fault structure would be a logical place for the focussing of magmas and fluids ascending from a deeper source.

The results of the 1996 field program imply that the siting of gold mineralization on the Bennett Property is largely a function of structure, as opposed to lithological or paleo-depositional controls. Both gold prospects on the property are linear in plan view and elongate in a north-northwest direction. The extensively trenched zone of gold-arsenic-antimony mineralization, termed the "Stibnite Zone" by Lodestar, and situated immediately south-southwest of the Westmin field camp, also is elongated in a north-northwest direction. This is the orientation of major faults in the area. If motion on the Paddy and Ben faults was dextral, as seems likely given the dextral motion on the Llewellyn fault, then the north-northwesterly orientation of mineralization on the property is consistent with fluids emplaced in fault zones during the compressive phase(s) of deformation (e.g., Sibson, 1990). Compensating zones of extension associated with dextral motion along the NNW-striking faults will be developed with a northeasterly strike, similar to that of the mineralized NE-striking minor faults mapped in the Skarn Zone as well as many of the quartz-arsenopyrite±pyrite±sphalerite±galena veins on the property (e.g., Blanchflower, 1990). These areas are individually referred to as extensional fractures or, collectively, dilational fault jogs, in shear zone parlance (e.g., Sibson, 1990). However, a word of caution is in order. If motion on the Paddy and Ben faults is sinistral, then the exact opposite sense of extension and compression will apply to the above discussion: NNW-striking faults and associated mineralization will be extensional features and the NE-striking faults will be compressional ones. More structural study is needed to verify the above structural interpretation.

11.0 RECOMMENDATIONS

A follow-up work program for the Bennett Property should consist of diamond drilling, more ground geophysical surveys, and further lithogeochemical prospecting. With regards to the Bennett Grid geophysical anomaly, a program of at least 5 moderately dipping diamond drillholes, 100 to 150 m deep, spaced approximately 100 m apart on 10600 E, 10500 E, 10400 E, 10300 E, and 10200 E is recommended to test this target. The Bennett Grid also should be extended several hundred metres to the south to permit additional ground geophysical surveys. These surveys would ideally close off the anomaly and generate several more drill targets.

For the Skarn Zone, a minimum 6 hole diamond drill program to test mineralization along the Paddy Fault is recommended. The 100 to 150 m long drillholes will need to be collared in the Boundary Range Metamorphics to the west of the Paddy Fault. Spaced about 100 m apart, in a more-or-less northerly direction, and oriented to the east at moderate inclinations, these drillholes should intersect the Paddy Fault at right angles at reasonable depths. In designing the drill program, some consideration will need to be given to the intersections of the NE-striking faults with the Paddy Fault. Lithogeochemical prospecting and sampling should be continued south-southeast of the rehabilitated Skarn Zone Grid in order to further define the limits and intensity of gold mineralization along the Paddy Fault. Prospecting by Lodestar and Noranda geologists between 1990 and 1994, revealed that auriferous iron gossans on either side of the Paddy Fault could be traced for several hundred metres in this direction.

Prior to commencing any future fieldwork, it would be worthwhile to more closely analyse the structural data collected from the Skarn Zone and from the surrounding Bennett Property. Given the control exerted by structure on the localization of gold mineralization on the property, and indeed all along the Llewellyn Fault (Mihalynuk and Rouse, 1988b), some subtle structural details may become apparent and could be used to predict where buried mineralization occurs on the property. The dextral sense of motion inferred for the Paddy and Ben faults also should be verified using kinematic indicators in the field (e.g., stretched boudins, porphyroblasts, chatter marks).

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13.0 STATEMENT OF EXPENDITURES

Bennett Property Exploration Program Expenditures, March, 1996 to December, 1996

Percussion Drilling: Mainstreet Mining Ltd.	
Direct costs, 45 m chip core, mob-demob, etc...	$ 9,799
Tote Road Re-opening: Kenormax Construction & H. Calmegane	
9 km of bulldozing using a D-6 Caterpillar tractor	$7,154
Helicopter: Discovery Helicopters/Trans North Helicopters	
Camp mob-demob, camp resupply, medivac	$ 12,453
Geophysical Contractors: RGI Resource GIS and Imaging/SCOTT	
LANDSAT-TM and SPOT imaging/IP SURVEY	$ 16,367
Contract Labourers: Bear Mountain Enterprises	
Construction of camp, survey assistants	$11,330
Petrographic Contractors: Vancouver Petrographics Ltd.	
Petrographic thin sections	$ 350
Materials and Supplies:	
Groceries, sample bags, field gear, propane, showers, etc...	$ 8,851
Equipment Rentals:	
All terrain vehicle (ATV), truck, satellite phone, two-way radios	$ 5,404
Equipment Repairs/Maintenance:	
Truck tailgate, side panel, gear shift	$ 230
Camp Fuel:	
Diesel & gas	$ 780

Trucking/Shipping/Handling:

Camp gear demob to Vancouver from Whitehorse, geochem. samples to Chemex Labs Ltd. in Vancouver	$6,405

Assays/Geochemical Analysis: Chemex Labs Ltd.

Rock chips (Low-S assay), 12 samples @ $15.53/sample	$186
Rock sample (Low-S assay), 74 samples @ $15.53/sample	$1,149
Rock sample (High-S assay), 4 samples @ $23.95/sample	$ 96
Rock sample (High-Ag assay), 3 sample @ $7.80/sample	$ 23
Rock sample (High-Cu assay), 2 sample @ $7.80/sample	$ 16
Rock sample (High-Pb assay), 1 sample @ $7.80/sample	$ 7.8
Rock sample (High-Zn assay), 1 sample @ $7.80/sample	$ 7.8
Silt sample, (Low-S assay), 11 samples @ 15.53/sample	$ 171

Travel Costs to Bennett Camp:

Air Travel, motel accommodations, meals	$ 3,567

Vehicle Costs:

Vehicle rental, 5 days @ $45/day	$ 225
Gas (6 days)	$ 42

Telephone/FAX Communications:

Northwestel/Infosat telecommunications charges	$ 4,113

Miscellaneous Expenses:

Delivery, courier	$ 716
Office supplies	$ 66
Printing, reproductions, field mylars	$ 867
Maps, reports, photocopying	$ 1,681

Drafting:

In-house, base map preparation, map layouts	$ 1400

Salary Breakdown:

Pre-field: hiring, drill bids, logistics, maps

Stephen Rowins, project geologist, 2 days @ $297/day	$ 594
Paul Lhotka, project geologist, 13 days @ $340/day	$ 4,420
Dan Brotea, geologist, 20 days @ $230/day	$ 4,600

Percussion Drill and Field Program (August 3 to September 12, 1996):

Stephen Rowins, project geologist, 40 days @ $297/day	$ 11,880
Paul Lhotka, project geologist, 3 days @ $340/day	$ 1,020
Brian Wakeman, geologist, 14 days @ $230/day	$ 3,220
Larry Poznikoff, junior geologist, 28 days @ $156/day	$ 4,368
Alexander Paramonoff, surveyor/assistant, 34 days @ $210/day	$ 7,140
Dawn Thompson, cook/medic, 41 days @ $231/day	$ 9,471

Post-field: report, data compilation, drafting, etc...

Stephen Rowins, project geologist, 25 days @ $297/day	$ 7,425
Total Salaries	$ 54,138

Total Expenditures, Exploration Program, Bennett Property **$ 147,596**

14.0 STATEMENT OF QUALIFICATIONS

I, Stephen M. Rowins, of the Municipality of Burnaby, in the Province of British Columbia, hereby certify that:

1. I am a Fellow (registration # F6362) of the Geological Association of Canada, residing at 4640 Bond Street, Burnaby, British Columbia, V5H 1G8, with a business address at #904-1055 Dunsmuir Street, P.O. Box 49066, The Bentall Centre, Vancouver, British Columbia, V7X 1C4.

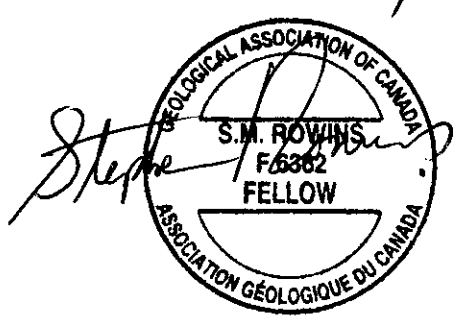
2. I graduated with a B.Sc. (Honours) in Geology from Queen's University, Kingston, Ontario in 1987, a M.Sc. in Geology from the University of Ottawa, Ottawa, Ontario in 1990, and a Ph.D. in Geology from the University of Western Australia, Perth, Australia in 1994.

3. I have practiced my profession continuously for ten years working in Canada and Australia.

4. I directly performed or supervised the work which is described in this report.

5. I have no direct financial interest in this property; however, I do own shares and have stock options in Westmin Resources Limited.

DATED this 14th day of February, 1997 at Vancouver, British Columbia.



Stephen M. Rowins, Ph.D., F.G.A.C.

APPENDIX A

BENNETT PROJECT SURVEY REPORT

Bennett Project Survey Report - 1996

by
Alexander Paramonoff

1.0 Introduction

The survey work done by Westmin Resources Limited in 1996 on the Bennett Property consisted of the following:

- Establishing a new set of grids on the till-covered plateau central to the property
- Physically rehabilitating the existing Noranda 1993/1994 Skarn Zone grid
- Locating current legal claim posts (LCP's) with a differentially-corrected global positioning system (GPS)
- Calculating the conversion of grids, constructed by Lodestar Explorations Inc. in 1990 (Assessment Report 20,581), to Universal Transverse Mercator (UTM) coordinates.

The grids in all cases were converted to UTM North American Datum (NAD) 27. Every grid in this report is in metres.

2.0 Westmin 1996 Grids

Two new grids were created in the 1996 field season: (1) the Bennett grid and, (2) the Camp grid. The Bennett grid covers the majority of the till-covered plateau. The Camp grid extends from the edge of the Bennett grid to Ben Creek.

2.1 The Bennett Grid

The baseline for this grid extends from geodetic survey monument "Weasel", located at the western edge of the plateau, at an azimuth of 133°24'53". The coordinates of monument "Weasel" and backsight monument "Pavey" were obtained from the Canadian Geodetic Survey in NAD 83 and were converted to NAD 27 with the internal software of a Trimble GeoExplorer GPS unit (version 2.00). The location and azimuth of the grid were calculated from this data. Pickets were placed at 100 m spacings in both the east and north directions, with unlabelled pickets placed every 20 m in the north-south direction.

There is an unexplained difference between the UTM coordinates of monument "Weasel" thus obtained, and the coordinates listed in the Lodestar 1990 assessment report (report 20,581). This difference is 13.3 m at azimuth 307°. The coordinates used to locate the grid are given below, so the transformation algorithms between the Bennett grid and UTM space can be corrected, if necessary, or adjusted to NAD 83 when required.

The transformation from UTM NAD 27 to the Bennett grid was calculated using monument "Weasel" as the rotation point, with a rotation angle of 43°24'53" from UTM North to local grid North.

To convert from Bennett grid to UTM (NAD 27) coordinates:

$$E_{UTM} = 0.726398(E_{GRID} - 9,183.6) + 0.687274(N_{GRID} - 20,000) + 506,043.3$$

$$N_{UTM} = -0.687274(E_{GRID} - 9,183.6) + 0.726398(N_{GRID} - 20,000) + 6,643,696.1$$

To convert from UTM (NAD 27) to Bennett grid coordinates:

$$E_{GRID} = 0.726398(E_{UTM} - 506,043.3) - 0.687274(N_{UTM} - 6,643,696.1) + 9183.6$$

$$N_{GRID} = 0.687274(E_{UTM} - 506,043.3) + 0.726398(N_{UTM} - 6,643,696.1) + 20,000$$

The coordinates used (in NAD 27) are as follows:

Monument	E (UTM)	N (UTM)	E (Grid)	N(Grid)
Weasel	506,043.3	6,643,696.1	9,183.6	20,000
Pavey	503,680.1	6,640,687.3	--	--

2.2 The Camp Grid

A baseline was extended at UTM 180°00'00" from the Bennett grid using the Bennett grid station [10,900 E 19,600 N]. The Camp grid coordinates of this station were defined to be [30,000 E 40,000 N]. Camp grid North is parallel to UTM North, so transformation between the Camp and UTM grids is a simple translation.

To convert from Camp grid to UTM (NAD 27) coordinates:

$$E_{UTM} = E_{CAMP} + 477,015.2$$

$$N_{UTM} = N_{CAMP} + 6,602,225.9$$

To convert from UTM (NAD 27) to Westmin Camp Grid coordinates:

$$E_{CAMP} = E_{UTM} - 477,015.2$$

$$N_{CAMP} = N_{UTM} - 6,602,225.9$$

3.0 Rehabilitation of the Noranda (1993/1994) Skarn Zone Grid

This grid system was re-established on the Skarn Zone only. Most existing pickets were found to be intact, but markings were generally weathered to illegibility. Enough surviving labeled pickets were found, however, to re-establish the grid with confidence. This consisted of placing a new picket at the same location as the existing one, and replacing missing or moved pickets where necessary. A compass, hip-chain, and clinometer were used to find old pickets, *not to relocate them*. The geological work done by Westmin in the Skarn Zone in 1996 was mapped to this re-constructed grid. The station spacings on this grid were found not to be slope-corrected, despite sustained slope angles of greater than 30°. It was also discovered that several grid lines were considerably off their design azimuth; future parties interested in this zone are advised to establish a new, slope-corrected grid.

There is an unexplained displacement of the digital toopography with respect to the actual terrain. Differential correction of GPS locations of old grid pickets indicated that the Skarn Zone grid and the UTM coordinates can be correlated in close agreement. However, the digital topography is incorrectly displaced from both systems by approximately 100m in the direction of local grid West. This conflict has been temporarily resolved by replotting the topography 100 m grid East of the given location.

3.1 Transformation between UTM and Skarn Zone Grid

Three Noranda Skarn Zone pickets were identified and located with differentially-corrected GPS. Two were used to define a rotation point of known coordinates in the two grid systems and a rotation angle, and the third was used as a check. It should be noted that due to the close spacing of the stations used (within the Skarn Zone), the angular error introduced due to GPS CEP error makes the following transformation *unreliable beyond the Skarn Zone*.

<u>To convert from Noranda Skarn Zone (1993/94) Grid to UTM (NAD 27) coordinates:</u>

$$E_{UTM} = 0.7855(E_{NORANDA} - 9{,}700) - 0.6189(N_{NORANDA} - 10{,}800) + 508{,}049.9$$

$$N_{UTM} = 0.6189(E_{NORANDA} - 9{,}700) + 0.7855(N_{NORANDA} - 10{,}800) + 6{,}641{,}773.0$$

<u>To convert from UTM (NAD 27) to Noranda Skarn Zone (1993/94) Grid coordinates:</u>

$$E_{NORANDA} = 0.7855(E_{UTM} - 508{,}049.9) + 0.6189(N_{UTM} - 6{,}641{,}773.0) + 9{,}700$$

$$N_{NORANDA} = -0.6189(E_{UTM} - 508{,}049.9) + 0.7855(N_{UTM} - 6{,}641{,}773.0) + 10{,}800$$

4.0 Conclusions and Recommendations

The grid layout done by Westmin in 1996 was performed directly from geodetic survey monuments, with a survey transit, and slope-corrected distances. A survey chain was used to measure distance. All crosslines were run with the transit, so angular error is negligible, and maximum error in distance is less than 2 metres. Pickets are all labelled with embossed aluminum tags and are not expected to weather.

The obsolete UTM datum NAD 27 was used because the NTS topographic maps, old assessment reports, government reports, and subcontracted detailed digital topographic maps were all based on this datum. The magnitude of the difference between NAD 27 and NAD 83 on this property is approximately 212 m at azimuth 148°. It should be noted that geodetic survey monument "Weasel" is plotted incorrectly on the NTS 1:50,000 topographic map 104M/15 (1985 edition). Its actual position plots exactly 1 km east of the actual location.

Alexander Paramonoff
September 3, 1996

APPENDIX B

PROSPECTING SAMPLE DESCRIPTIONS

LITHOGEOCHEMICAL PROSPECTING SAMPLE DESCRIPTIONS

SAMPLE#	NATURE	UTM N	UTM E	ELEV (m)	DESCRIPTION
138727	STREAM SILT	6641430	507484	1380	Ben Creek silt sample. Above junction from Cowboy Creek.
138728	STREAM SILT	6641620	507589	1370	'Ben Creek silt sample. Below 138727 in a side stream, but still above junction from Cowboy Creek.
138729	STREAM SILT	6641717	507630	1370	Cowboy Creek silt sample. Above junction with Ben Creek.
138730	STREAM SILT	6642322	508062	1245	Ben Creek silt sample. Below junction with Cowboy Creek
138731	STREAM SILT	6642804	508327	1160	Plateau Creek silt sample. Above junction with Ben Creek. Feeds Ben Creek from the west.
138732	STREAM SILT	6642966	508718	1120	Ben Creek silt sample. Below junction with Plateau Creek
138733	STREAM SILT	6643292	509616	1005	Road Cross Creek silt sample. Above junction with Ben Creek. Feeds Ben Creek from the west.
138734	STREAM SILT	6643275	509535		Ben Creek silt sample. 20 m @ 359 deg. from 138733. Just above junction with Road Cross Creek.
138735	STREAM SILT	6643255	509665	1000	Ben Creek silt sample. Below junction with Road Cross Creek.
138736	STREAM SILT	6642909	508140	1223	Plateau Creek silt sample. High above junction with Ben Creek.
138737	GRAB	6642618	507868	1290	Stuhini Group outcrop above Ben Creek. Buff brown weathered dolomitic augite porphyry flow. Minor sulphide and quartz; very carbonated and strained like APF on ridge of "Skarn Zone".
138738	GRAB	6644250	506622	1460	N edge of plateau. Altered mafic granitoid? Intense yellow-brown carbonate alteration. Green maraposite & pyrite/pyrrhotite. Some N-trending carbonate veins (1-3 cm) & open-space quartz-fill textures.
138739	GRAB	6644210	506688	1465	N edge of plateau. Altered felsic granite with "quartz eyes" and 2 mm wide plagioclase phenos.Quartz-carbonate-maraposite-pyrite veins in zones of intense brown carbonate alteration. Lesser pyrite, pyrrhotite & arsenopyrite. Veins @ 070/55 SE
138740	GRAB	6644210	506688	1465	N edge of plateau. Breccia with granite frags. in black groundmass of fine-grained amphibole-quartz.
138741	GRAB	6644272	506568		N edge of plateau. Carbonate alteration zone.
138742	GRAB	6644210	506688	1457	N edge of plateau. Quartz-sulphide-carbonate veins.
138743	GRAB	6643960	507215	1530	N edge of plateau. Mafic granite or felsic/intermediate flow. Not Laberge Group argillites as on BCGS map.
138744	GRAB	6643960	507215	1530	N edge of plateau. Mafic granite or felsic/intermediate flow. Not Laberge Group argillites as on BCGS map.
138745	GRAB	6644170	507260	1510	N edge of plateau. Felsic dyke in fault zone with abundant brown carbonate veins & sulphides. Not argillite hosted. Qtz boudins & minor breccias. Fault plane 077/72 NE with slickensides pitching 45 from horizontal. Chatter marks reveal mov't to the N.
138746	GRAB	6644240	507385	1570	N edge of plateau. Back of mountain. Calcareous/gossanous sample of dark green andesitic? flow with partially filled vesicles (quartz/carbonate/zeolites). Minor sulphides; numerous 1-5 m wide shear zones in this outcrop.
138747	GRAB	6644340	507513	1640	N edge of plateau. Back of mountain. Red chert horizon in black (manganiferous?) unit. VMS setting?
138748	GRAB	6644340	507513	1640	N edge of plateau. 20 m @ 356 deg. from 138747. 40 m thick chert-tuff sequence at 330/32 NE. Some green sericitic alteration & abundant carbonate veins perpendicular to lithologic contacts.
138790	GRAB	6641957	506015		Southwest of West Gully. Felsic flow with disseminations & veinlets of pyrite & quartz. Fractures filled with geothite & jarosite. Float sample.
138791	GRAB	6641930	506030		Southwest of West Gully. 50 m @ 30 deg SE from 138790. Felsic flow with disseminations & veinlets of pyrite & quartz. Fractures filled with geothite & jarosite. More pyritic than 138790. Float sample.

APPENDIX C

GEOCHEMICAL RESULTS, PROSPECTING SAMPLES

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: WESTMIN RESOURCES LTD.
ATTN: STEVE ROWINS
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9632281

Comments: ATTN: STEVE ROWINS

CERTIFICATE A9632281

(GP R) - WESTMIN RESOURCES LTD.

Project: BENNETT LAKE
P.O. # : 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	16	Geochem ring to approx 150 mesh
226	16	0-3 Kg crush and split
3202	16	Rock - save entire reject
229	16	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	16	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	16	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	16	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	16	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	16	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	16	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	16	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	16	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	16	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	16	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	16	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	16	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	16	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	16	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	16	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	16	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	16	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	16	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	16	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	16	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	16	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	16	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	16	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	16	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	16	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	16	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	16	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	16	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	16	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	16	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	16	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	16	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	16	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: WESTMIN RESOURCES LTD.
ATTN: STEVE ROWINS
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VANCOUVER, BC
V7X 1C4

Project : BENNETT LAKE
Comments: ATTN: STEVE ROWINS

Certificate Date: 26-SEP-96
Invoice No. : I9632281
P.O. Number : 6109
Account : GP R

CERTIFICATE OF ANALYSIS A9632281

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
138727	205	226	10	0.4	4.23	552	300	0.5	< 2	1.32	1.5	22	43	88	5.81	< 10	60	0.31	10	1.17	1050
138728	205	226	15	0.2	4.28	474	360	0.5	< 2	0.79	2.5	20	76	73	5.18	< 10	10	0.46	10	1.37	810
138729	205	226	10	0.4	3.89	428	320	0.5	< 2	1.21	1.5	20	100	71	4.95	< 10	10	0.44	10	1.51	900
138730	205	226	15	0.6	3.85	376	420	0.5	< 2	1.01	2.0	23	127	89	4.90	< 10	30	0.54	10	1.77	930
138731	205	226	< 5	< 0.2	2.13	50	560	0.5	< 2	0.70	< 0.5	18	68	31	4.93	< 10	10	0.22	10	0.89	840
138732	205	226	30	0.4	3.74	318	380	0.5	< 2	1.22	1.0	19	97	66	5.29	< 10	40	0.44	10	1.34	815
138733	205	226	720	< 0.2	2.08	46	630	0.5	< 2	0.72	0.5	13	103	22	4.11	< 10	110	0.23	20	0.82	685
138734	205	226	45	0.2	3.10	212	380	0.5	< 2	0.92	0.5	21	101	54	5.05	< 10	< 10	0.34	10	1.17	925
138735	205	226	120	0.2	2.58	126	500	0.5	< 2	0.85	0.5	15	95	34	4.29	< 10	60	0.28	10	0.94	725
138736	205	226	< 5	< 0.2	2.15	68	430	0.5	< 2	0.67	< 0.5	15	142	31	4.44	< 10	< 10	0.24	20	0.86	785

CERTIFICATION: ____________________

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Project : BENNETT LAKE
Comments: ATTN: STEVE ROWINS

Certificate Date: 26-SEP-96
Invoice No. : I9632281
P.O. Number : 6109
Account : GP R

CERTIFICATE OF ANALYSIS A9632281

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
138727	205	226	9	0.08	29	1390	34	12	7	353	0.07	< 10	< 10	97	< 10	122
138728	205	226	5	0.06	32	1110	32	8	8	142	0.12	< 10	< 10	110	< 10	140
138729	205	226	5	0.10	36	1260	30	8	7	242	0.10	< 10	< 10	98	< 10	106
138730	205	226	4	0.09	53	910	32	6	8	171	0.12	< 10	< 10	109	< 10	132
138731	205	226	4	0.04	22	1300	16	6	6	74	0.01	< 10	< 10	75	< 10	90
138732	205	226	5	0.10	31	1270	28	8	7	215	0.10	< 10	< 10	105	< 10	100
138733	205	226	3	0.04	19	1040	16	2	5	77	0.05	< 10	< 10	81	< 10	98
138734	205	226	4	0.07	30	1210	28	8	7	160	0.05	< 10	< 10	90	< 10	104
138735	205	226	4	0.06	22	1070	20	4	6	122	0.06	< 10	< 10	85	< 10	94
138736	205	226	3	0.05	21	1130	16	2	6	74	0.04	< 10	< 10	77	< 10	82

CERTIFICATION: Hart Bichler

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Project: BENNETT LAKE
Comments: ATTN: STEVE ROWINS

QC Page #: 1-A
Tot QC Pg: 1
Date: 27-SEP-96
Invoice #: I9632301
P.O. #:
GP R

QC DATA OF CERTIFICATE A9632301

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
FMC-1	Std2	1	365	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	363	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	-----	4.2	3.56	58	660	0.5	< 2	1.62	1.0	16	62	179	4.48	10	-----	0.30	10	0.82	930
G96-1GM	Std2	1	-----	3.8	3.51	56	650	0.5	2	1.62	1.0	16	59	176	4.42	10	-----	0.29	10	0.83	920
CHEMEX MEAN	---	---	-----	4.4	3.65	64	662	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	-----	0.30	10	0.80	927
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	160	-----	-----	-----	-----
GEO-96	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	150	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	168	-----	-----	-----	-----
SL-96	Std1	1	750	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	765	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
138718	Dup	1-01	< 5	< 0.2	1.28	2	500	0.5	< 2	2.60	< 0.5	6	55	3	1.90	10	10	0.37	10	0.75	725
	Orig	1-01	< 5	0.2	1.48	2	530	0.5	< 2	2.58	< 0.5	6	55	2	1.91	10	20	0.44	10	0.77	730

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Project: BENNETT LAKE
Comments: ATTN: STEVE ROWINS

QC Page #: 1-B
Tot QC Pg: 1
Date: 27-SEP-96
Invoice #: I9632301
P.O. #:
GP R

QC DATA OF CERTIFICATE A9632301

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
FMC-1	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	9	0.06	20	520	120	4	10	104	0.06	< 10	< 10	104	< 10	186
G96-1GM	Std2	1	9	0.07	19	510	116	4	9	101	0.06	< 10	< 10	103	< 10	186
CHEMEX MEAN	---	---	9	0.07	20	524	120	< 2	10	102	0.06	< 10	< 10	102	< 10	186
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SL-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
138718	Dup	1-01	< 1	0.01	6	730	6	2	1	153	< 0.01	< 10	< 10	13	< 10	50
	Orig	1-01	< 1	0.01	6	740	6	2	1	161	< 0.01	< 10	< 10	15	< 10	52

CERTIFICATION:

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A9632301

Comments: ATTN: STEVE ROWINS

CERTIFICATE A9632301

(GP R) - WESTMIN RESOURCES LTD.

Project: BENNETT LAKE
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 27-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	30	Geochem ring to approx 150 mesh
226	30	0-3 Kg crush and split
3202	30	Rock - save entire reject
229	30	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	30	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	30	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	30	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	30	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	30	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	30	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	30	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	30	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	30	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	30	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	30	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	30	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	30	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	30	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	30	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	30	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	30	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	30	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	30	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	30	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	30	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	30	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	30	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	30	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	30	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	30	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	30	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	30	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	30	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	30	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	30	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	30	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	30	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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V7X 1C4

Project : BENNETT LAKE
Comments: ATTN: STEVE ROWINS

Certificate Date: 27-SEP-96
Invoice No. : I9632301
P.O. Number :
Account : GP R

CERTIFICATE OF ANALYSIS A9632301

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
138737	205	226	< 5	0.2	2.59	256	90	0.5	< 2	6.57	0.5	35	211	100	6.58	10	10	0.33	< 10	3.75	1425
138738	205	226	5	0.2	0.44	982	260	0.5	< 2	7.67	1.5	20	74	52	4.26	10	30	0.24	10	3.13	1145
138739	205	226	< 5	0.2	0.31	574	150	< 0.5	< 2	7.83	1.0	10	60	4	3.52	10	300	0.18	< 10	3.01	2720
138740	205	226	< 5	< 0.2	1.25	98	280	0.5	< 2	2.29	0.5	8	71	24	2.49	10	10	0.32	10	0.98	770
138741	205	226	< 5	< 0.2	0.30	280	50	0.5	< 2	4.85	0.5	7	45	21	6.29	10	70	0.13	< 10	2.51	1435
138742	205	226	10	0.4	0.45	988	150	< 0.5	< 2	2.13	0.5	5	85	24	2.14	< 10	60	0.23	10	0.75	455
138743	205	226	< 5	< 0.2	2.90	6	110	0.5	< 2	3.66	< 0.5	13	16	16	5.08	20	20	0.15	10	1.87	1030
138744	205	226	< 5	0.2	3.11	12	1050	0.5	< 2	1.02	< 0.5	17	18	4	5.91	20	20	0.08	10	2.05	680
138745	205	226	< 5	< 0.2	2.02	66	190	< 0.5	< 2	4.64	< 0.5	19	84	38	5.30	10	10	0.09	10	1.84	1110
138746	205	226	< 5	< 0.2	2.31	8	100	0.5	< 2	1.77	< 0.5	20	24	89	5.82	10	10	0.16	30	0.99	1140
138747	205	226	< 5	< 0.2	0.58	4	480	1.5	< 2	7.02	0.5	11	10	14	4.05	10	< 10	0.20	20	1.68	2020
138748	205	226	< 5	< 0.2	0.99	< 2	1370	0.5	< 2	3.42	< 0.5	13	14	10	4.86	10	< 10	0.25	30	1.22	1015

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: WESTMIN RESOURCES LTD.
ATTN: STEVE ROWINS
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : BENNETT LAKE
Comments: ATTN: STEVE ROWINS

Certificate Date: 27-SEP-96
Invoice No. : I9632301
P.O. Number :
Account : GP R

CERTIFICATE OF ANALYSIS A9632301

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
138737	205	226	< 1	0.01	77	1250	10	6	27	310	< 0.01	< 10	< 10	186	< 10	94
138738	205	226	1	0.01	50	820	10	22	19	1865	< 0.01	< 10	< 10	36	< 10	40
138739	205	226	1	< 0.01	22	690	8	6	10	1395	< 0.01	< 10	< 10	18	< 10	12
138740	205	226	2	0.03	20	670	14	4	5	281	< 0.01	< 10	< 10	26	< 10	72
138741	205	226	4	0.02	11	520	22	16	3	264	< 0.01	< 10	< 10	15	< 10	90
138742	205	226	2	0.01	12	530	4	8	4	403	< 0.01	< 10	< 10	8	< 10	84
138743	205	226	6	0.03	1	1290	12	< 2	7	144	< 0.01	< 10	< 10	132	< 10	94
138744	205	226	6	0.03	4	1120	18	2	7	54	0.03	< 10	< 10	170	< 10	96
138745	205	226	1	0.04	98	1030	6	< 2	11	169	< 0.01	< 10	< 10	52	< 10	72
138746	205	226	2	0.04	26	2230	6	6	9	77	< 0.01	< 10	< 10	144	< 10	82
138747	205	226	1	0.04	< 1	1950	14	< 2	8	374	0.09	< 10	< 10	43	< 10	60
138748	205	226	< 1	0.05	< 1	2380	10	2	8	326	0.13	< 10	< 10	51	< 10	66

CERTIFICATION: [signature]

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To: WESTMIN RESOURCES LTD.
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V7X 1C4

A9632688

Comments: ATTN: STEVE ROWINS

CERTIFICATE A9632688

(GP R) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 28-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	11	Geochem ring to approx 150 mesh
226	11	0-3 Kg crush and split
3202	11	Rock - save entire reject
229	11	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	11	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	11	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	11	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	11	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	11	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	11	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	11	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	11	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	11	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	11	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	11	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	11	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	11	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	11	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	11	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	11	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	11	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	11	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	11	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	11	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	11	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	11	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	11	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	11	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	11	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	11	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	11	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	11	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	11	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	11	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	11	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	11	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	11	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Project: BENNETT
Comments: ATTN: STEVE ROWINS

QC Page #: 1-A
Tot QC Pg: 1
Date: 28-SEP-96
Invoice #: I9632688
P.O. #:
GP R

QC DATA OF CERTIFICATE A9632688

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
G96-1GM	Std1	1	-----	4.0	3.39	52	540	0.5	< 2	1.57	0.5	16	62	176	4.34	10	-----	0.27	10	0.78	915
CHEMEX MEAN	---	---	-----	4.4	3.65	64	662	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	-----	0.30	10	0.80	927
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	130	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	168	-----	-----	-----	-----
JL-1	Std1	1	95	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	92	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: Hart Bichler

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Project: BENNETT
Comments: ATTN: STEVE ROWINS

QC Page #: 1-B
Tot QC Pg: 1
Date: 28-SEP-96
Invoice #: I9632688
P.O. #:
GP R

QC DATA OF CERTIFICATE A9632688

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
G96-1GM	Std1	1	8	0.06	20	510	104	6	10	99	0.05	< 10	< 10	100	< 10	182
CHEMEX MEAN	---	---	9	0.07	20	524	120	< 2	10	102	0.06	< 10	< 10	102	< 10	186
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JL-1	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: [signature]

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Project : BENNETT
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Page Number : 1-A
Total Pages : 1
Certificate Date: 28-SEP-96
Invoice No. : I9632688
P.O. Number :
Account : GP R

CERTIFICATE OF ANALYSIS A9632688

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
138790	205	226	85	< 0.2	1.01	106	280	< 0.5	< 2	0.07	< 0.5	1	92	9	1.46	< 10	50	0.47	10	0.05	15
138791	205	226	115	< 0.2	0.98	170	130	< 0.5	< 2	0.18	< 0.5	3	36	7	2.51	< 10	80	0.37	10	0.09	30

CERTIFICATION: [signature]

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Project : BENNETT
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Certificate Date: 28-SEP-96
Invoice No. : I9632688
P.O. Number :
Account : GP R

CERTIFICATE OF ANALYSIS A9632688

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
138790	205	226	1	0.05	4	720	16	6	2	68	< 0.01	< 10	< 10	13	< 10	16
138791	205	226	3	0.04	5	810	22	8	1	22	< 0.01	< 10	< 10	12	< 10	20

CERTIFICATION: [signature]

APPENDIX D

WEST GULLY SAMPLE DESCRIPTIONS

WEST GULLY SAMPLE DESCRIPTIONS

SAMPLE#	NATURE	UTM N	UTM E	ELEV (m)	DESCRIPTION
138695	GRAB	6643160	505093		Stibnite-arsenopyrite-bearing sample of mineralization at the contact between altered granite and a fine-grained granodiorite dyke. Located on southern slope of the gully
138696	GRAB	6643130	505087		20 cm wide sample of massive stibnite-arsenopyrite-chalcopyrite-galena-sphalerite-pyrite in a 1 m wide quartz-carbonate vein on the south slope of gully. Yellow scorodite alteration (after arsenopyrite) is common.
138711	SILT	6643210	506300		Silt sample (96-SMRC-001) from western gully stream feeding into Bennett Lake. Area of Au geochem. anomally
138718	GRAB	6643261	505847		Grab sample from south wall of gully (bulk survey). Top of LINE 7 (020).
138719	GRAB	6643286	505858		Grab sample from south wall of gully (bulk survey). 25 m @ 020 from 138718 on LINE 7.
138720	GRAB	6643306	505868		Grab sample from south wall of gully (bulk survey). 10 m @ 020 from creek on LINE 7 (NE of 138719).
138721	GRAB	6643105	505889	1350	Grab sample from south wall of gully (bulk survey). Top of LINE 6 (020).
138722	GRAB	6643150	505906		Grab sample from south wall of gully (bulk survey). 50 m @ 020 from 138721 on LINE 6.
138723	GRAB	6643195	505923		Grab sample from south wall of gully (bulk survey). 10 m @ 020 from creek on LINE 6 (or 50 m @ 020 from 138722).
138724	GRAB	6643120	505940		Grab sample from south wall of gully (bulk survey). 40 m @ 020 from creek on LINE 5 (Top of LINE 5 is 505925 E & 6643119 N, 1365 m elev.).
138725	GRAB	6643102	505920	1365	Grab sample from south wall of gully (bulk survey). 15 m @ 076 from top of LINE 5.
138752	GRAB	6642384	506045	1380	Grab sample of West Gully altered granite. 50m @ 020 down LINE 1.
138753	GRAB	6643143	506057	1400	Grab sample of West Gully altered granite. 7m @ 020 down LINE 2.
138754	GRAB	6643138	506075	1370	Grab sample of West Gully altered granite. 30m @ 020 down LINE 2.
138755	GRAB	6643241	506179	1380	Grab sample of West Gully altered granite. 65m @ 020 down LINE 2.
138756	GRAB	6643136	506026	1380	Grab sample of West Gully altered granite. 12m @ 020 down LINE 3.
138757	GRAB	6643219	505985	1370	Grab sample of West Gully altered granite. 42m @ 020 down LINE 3.
138758	GRAB	6643173	506016	1345	Grab sample of West Gully altered granite. 75m @ 020 down LINE 3.
138759	GRAB	6643168	505992	1320	Grab sample of West Gully altered granite. 112m @ 020 down LINE 3.
138760	GRAB	6643140	506000	1300	Grab sample of West Gully altered granite. Down LINE 4 @ 020 at creek.
138761	GRAB	6643130	505990	1355	Grab sample of West Gully altered granite. LINE 4, 2nd sample from top of line @ 020.

APPENDIX E

GEOCHEMICAL RESULTS, WEST GULLY SAMPLES

Chemex Labs Ltd.

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To: WESTMIN RESOURCES LTD.
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VANCOUVER, BC
V7X 1C4

A9629387

Comments: ATTN: S. ROWINS FAX: S. ROWINS

CERTIFICATE A9629387

(GP R) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. # : 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 6-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	6	Geochem ring to approx 150 mesh
226	6	0-3 Kg crush and split
3202	6	Rock - save entire reject
229	6	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	6	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
997	2	Au g/t: 1 assay ton, grav.	FA-GRAVIMETRIC	0.07	1000.0
2118	6	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	6	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	6	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	6	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	6	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	6	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	6	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	6	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	6	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	6	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	6	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	6	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	6	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	6	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	6	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	6	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	6	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	6	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	6	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	6	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	6	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	6	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	6	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	6	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	6	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	6	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	6	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	6	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	6	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	6	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	6	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	6	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Project : BENNETT
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Page Number : 1-A
Total Pages : 1
Certificate Date: 06-SEP-96
Invoice No. : I9629387
P.O. Number : 6109
Account : GP R

*PLEASE NOTE:

CERTIFICATE OF ANALYSIS A9629387

SAMPLE	PREP CODE		Au ppb FA+AA	Au FA g/t	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %
138695	205	226	25	-----	0.8	0.59	8	130	< 0.5	< 2	0.44	< 0.5	15	148	15	4.14	< 10	10	0.32	10	0.07
138696	205	226	>10000	105.90	>200	0.03	>10000	< 10	< 0.5	Intf*	0.24	>100.0	4	60	>10000	4.13	< 10	1040	0.03	< 10	0.03

CERTIFICATION: [signature]

*INTERFERENCE: Cu ON Bi AND P.

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Project : BENNETT
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Page Number : 1-B
Total Pages : 1
Certificate Date: 06-SEP-96
Invoice No. : I9629387
P.O. Number : 6109
Account : GP R

*PLEASE NOTE:

CERTIFICATE OF ANALYSIS A9629387

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
138695	205	226	590	< 1	0.01	6	820	62	< 2	< 1	43	< 0.01	< 10	< 10	6	< 10	36
138696	205	226	335	< 1	< 0.01	3	Intf*	726	>10000	< 1	22	< 0.01	< 10	< 10	< 1	< 10	>10000

CERTIFICATION: [signature]

*INTERFERENCE: Cu ON Bi AND P.

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V7X 1C4

A9631751

Comments: ATTN: S. ROWINS FAX: S. ROWINS

CERTIFICATE A9631751

(GP R) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. # : 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	1	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
384	1	Ag g/t: Gravimetric	FA-GRAVIMETRIC	3	1000
301	1	Cu %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0
316	1	Zn %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0

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Project : BENNETT
Comments: ATTN: S. ROWINS FAX: S. ROWINS

Page Number : 1
Total Pages : 1
Certificate Date: 15-SEP-96
Invoice No. : I9631751
P.O. Number : 6109
Account : GP R

CERTIFICATE OF ANALYSIS A9631751

SAMPLE	PREP CODE		Ag FA g/t	Cu %	Zn %							
138696	244	--	>1000	1.82	5.11							

CERTIFICATION: [signature]

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A9632444

Comments: ATTN: S. ROWINS FAX: S. ROWINS

CERTIFICATE A9632444

(GP R) - WESTMIN RESOURCES LTD.

Project: *BENNETT*
P.O. # : 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 18-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	1	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
389	1	Ag g/t: Concentrate	FA-AAS/GRAV	0.3	1000.0

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: WESTMIN RESOURCES LTD.
ATTN: STEVE ROWINS
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : BENNETT
Comments: ATTN: S. ROWINS FAX: S. ROWINS

Certificate Date: 18-SEP-96
Invoice No. : I9632444
P.O. Number : 6109
Account : GP R

CERTIFICATE OF ANALYSIS A9632444

SAMPLE	PREP CODE		Ag con g/t									
138696	244	--	5048.7									

CERTIFICATION: [signature]

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To: WESTMIN RESOURCES LTD.
ATTN: STEVE ROWINS
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9631965

Comments: ATTN: STEVE ROWINS

CERTIFICATE A9631965

(GP R) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. # : 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	8	Geochem ring to approx 150 mesh
226	8	0-3 Kg crush and split
3202	8	Rock - save entire reject
229	8	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	8	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	8	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	8	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	8	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	8	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	8	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	8	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	8	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	8	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	8	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	8	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	8	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	8	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	8	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	8	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	8	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	8	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	8	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	8	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	8	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	8	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	8	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	8	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	8	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	8	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	8	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	8	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	8	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	8	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	8	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	8	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	8	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	8	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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V7X 1C4

Project: BENNETT
Comments: ATTN: STEVE ROWINS

QC Page #: 1-A
Tot QC Pg: 1
Date: 26-SEP-96
Invoice #: I9631965
P.O. #: 6109
GP R

QC DATA OF CERTIFICATE A9631965

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
G96-1GM	Std1	1	-----	4.2	3.46	62	780	< 0.5	2	1.60	1.5	15	57	175	4.39	< 10	-----	0.28	10	0.79	920
CHEMEX MEAN	---	---	-----	4.4	3.65	64	662	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	-----	0.30	10	0.80	927
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	170	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	168	-----	-----	-----	-----
WC-96	Std1	1	210	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	239	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: ____________

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QC Page #: 1-B
Tot QC Pg: 1
Date: 26-SEP-96
Invoice #: I9631965
P.O. #: 6109
GP R

QC DATA OF CERTIFICATE A9631965

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
G96-1GM	Std1	1	8	0.07	18	500	118	< 2	10	100	0.05	< 10	< 10	103	< 10	182
CHEMEX MEAN	---	---	9	0.07	20	524	120	< 2	10	102	0.06	< 10	< 10	102	< 10	186
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
WC-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: Hart Bichler

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VANCOUVER, BC
V7X 1C4

Project: BENNETT LAKE
Comments: ATTN: STEVE ROWINS

QC Page #: 1-A
Tot QC Pg: 1
Date: 26-SEP-96
Invoice #: I9632281
P.O. #: 6109
GP R

QC DATA OF CERTIFICATE A9632281

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
G96-1GM	Std1	1	-----	4.2	3.94	66	610	0.5	< 2	1.83	0.5	18	79	186	5.01	< 10	-----	0.31	10	0.84	1040
CHEMEX MEAN	---	---	-----	4.4	3.65	64	662	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	-----	0.30	10	0.80	927
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	130	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	168	-----	-----	-----	-----
JL-1	Std1	1	120	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	92	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
138712	Dup	1-01	15	0.2	2.84	48	320	0.5	< 2	0.92	< 0.5	12	73	22	3.80	< 10	30	0.54	20	1.23	670
	Orig	1-01	10	< 0.2	2.69	52	300	0.5	< 2	0.89	< 0.5	12	71	24	3.77	< 10	30	0.50	20	1.20	645

CERTIFICATION: [signature]

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Project: BENNETT LAKE
Comments: ATTN: STEVE ROWINS

QC Page #: 1-B
Tot QC Pg: 1
Date: 26-SEP-96
Invoice #: I9632281
P.O. #: 6109
GP R

QC DATA OF CERTIFICATE A9632281

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
G96-1GM	Std1	1	8	0.07	21	560	136	2	9	106	0.06	< 10	10	110	< 10	206
CHEMEX MEAN	---	---	9	0.07	20	524	120	< 2	10	102	0.06	< 10	< 10	102	< 10	186
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JL-1	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
138712	Dup	1-01	1	0.11	19	1080	10	< 2	7	86	0.11	< 10	< 10	76	< 10	74
	Orig	1-01	1	0.10	18	1070	12	4	6	77	0.10	< 10	< 10	74	< 10	74

CERTIFICATION: [signature]

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V7X 1C4

Project : BENNETT
Comments: ATTN: STEVE ROWINS

Page Number : 1-A
Total Pages : 1
Certificate Date: 26-SEP-96
Invoice No. : I9631965
P.O. Number : 6109
Account : GP R

CERTIFICATE OF ANALYSIS A9631965

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
138711	205	226	25	0.4	1.58	194	370	0.5	< 2	0.55	1.5	11	122	26	3.12	< 10	30	0.36	10	0.60	1765

CERTIFICATION: [signature]

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Project : BENNETT
Comments: ATTN: STEVE ROWINS

Page Number : 1-B
Total Pages : 1
Certificate Date: 26-SEP-96
Invoice No. : I9631965
P.O. Number : 6109
Account : GP R

CERTIFICATE OF ANALYSIS A9631965

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
138711	205	226	3	0.05	16	1110	28	2	4	61	0.03	< 10	< 10	45	< 10	100

CERTIFICATION:

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V7X 1C4

Project: BENNETT LAKE
Comments: ATTN: STEVE ROWINS

QC Page #: 1-A
Tot QC Pg: 1
Date: 27-SEP-96
Invoice #: I9632301
P.O. #:
GPR

QC DATA OF CERTIFICATE A9632301

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
FMC-1	Std2	1	365	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	363	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	-----	4.2	3.56	58	660	0.5	< 2	1.62	1.0	16	62	179	4.48	10	-----	0.30	10	0.82	930
G96-1GM	Std2	1	-----	3.8	3.51	56	650	0.5	2	1.62	1.0	16	59	176	4.42	10	-----	0.29	10	0.83	920
CHEMEX MEAN	---	---	-----	4.4	3.65	64	662	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	-----	0.30	10	0.80	927
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	160	-----	-----	-----	-----
GEO-96	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	150	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	168	-----	-----	-----	-----
SL-96	Std1	1	750	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	765	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
138718	Dup	1-01	< 5	< 0.2	1.28	2	500	0.5	< 2	2.60	< 0.5	6	55	3	1.90	10	10	0.37	10	0.75	725
	Orig	1-01	< 5	0.2	1.48	2	530	0.5	< 2	2.58	< 0.5	6	55	2	1.91	10	20	0.44	10	0.77	730

CERTIFICATION: ____________________

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To: WESTMIN RESOURCES LTD.
ATTN: STEVE ROWINS
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project: BENNETT LAKE
Comments: ATTN: STEVE ROWINS

QC Page #: 1-B
Tot QC Pg: 1
Date: 27-SEP-96
Invoice #: I9632301
P.O. #:
GP R

QC DATA OF CERTIFICATE A9632301

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
FMC-1	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	9	0.06	20	520	120	4	10	104	0.06	< 10	< 10	104	< 10	186
G96-1GM	Std2	1	9	0.07	19	510	116	4	9	101	0.06	< 10	< 10	103	< 10	186
CHEMEX MEAN	---	---	9	0.07	20	524	120	< 2	10	102	0.06	< 10	< 10	102	< 10	186
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SL-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
138718	Dup	1-01	< 1	0.01	6	730	6	2	1	153	< 0.01	< 10	< 10	13	< 10	50
	Orig	1-01	< 1	0.01	6	740	6	2	1	161	< 0.01	< 10	< 10	15	< 10	52

CERTIFICATION: ____________

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V7X 1C4

A9632301

Comments: ATTN: STEVE ROWINS

CERTIFICATE A9632301

(GP R) - WESTMIN RESOURCES LTD.

Project: BENNETT LAKE
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 27-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	30	Geochem ring to approx 150 mesh
226	30	0-3 Kg crush and split
3202	30	Rock - save entire reject
229	30	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	30	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	30	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	30	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	30	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	30	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	30	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	30	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	30	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	30	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	30	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	30	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	30	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	30	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	30	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	30	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	30	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	30	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	30	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	30	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	30	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	30	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	30	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	30	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	30	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	30	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	30	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	30	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	30	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	30	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	30	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	30	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	30	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	30	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Project : BENNETT LAKE
Comments: ATTN: STEVE ROWINS

Page Number : 1-A
Total Pages : 1
Certificate Date: 27-SEP-96
Invoice No. : I9632301
P.O. Number :
Account : GP R

CERTIFICATE OF ANALYSIS A9632301

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
138718	205	226	< 5	0.2	1.48	2	530	0.5	< 2	2.58	< 0.5	6	55	2	1.91	10	20	0.44	10	0.77	730
138719	205	226	5	0.8	1.18	28	100	< 0.5	< 2	2.23	0.5	5	52	5	2.27	10	20	0.23	10	0.69	760
138720	205	226	290	1.0	0.97	156	80	0.5	< 2	1.92	3.0	6	60	7	2.25	10	20	0.28	10	0.59	900
138721	205	226	< 5	< 0.2	0.53	2	680	< 0.5	< 2	1.65	< 0.5	6	53	7	1.83	< 10	< 10	0.26	20	0.21	740
138722	205	226	< 5	< 0.2	0.37	4	510	0.5	< 2	2.67	< 0.5	5	61	2	1.95	< 10	< 10	0.23	10	0.20	840
138723	205	226	< 5	0.2	0.52	6	510	0.5	< 2	2.96	< 0.5	4	49	5	1.65	< 10	< 10	0.32	20	0.10	645
138724	205	226	< 5	0.2	1.16	2	80	0.5	< 2	2.29	< 0.5	5	50	3	2.05	10	< 10	0.34	10	0.55	700
138725	205	226	< 5	< 0.2	0.42	2	240	0.5	< 2	2.00	< 0.5	5	46	8	1.80	< 10	10	0.27	10	0.10	600
138752	205	226	< 5	0.2	2.13	4	380	0.5	< 2	3.03	< 0.5	20	136	29	3.70	10	10	0.22	10	2.77	805
138753	205	226	< 5	< 0.2	0.75	8	200	0.5	< 2	1.83	< 0.5	6	64	1	2.05	< 10	20	0.41	20	0.18	800
138754	205	226	20	0.8	1.25	400	120	0.5	< 2	1.13	2.5	7	62	16	2.23	10	10	0.35	10	0.59	1095
138755	205	226	< 5	0.2	0.98	10	150	0.5	< 2	2.63	< 0.5	6	70	3	1.97	< 10	10	0.32	20	0.39	940
138756	205	226	40	< 0.2	0.68	276	190	0.5	< 2	1.75	< 0.5	6	65	1	2.08	< 10	< 10	0.34	10	0.19	1090
138757	205	226	< 5	< 0.2	0.90	6	80	0.5	< 2	1.64	< 0.5	5	77	1	1.99	< 10	10	0.39	10	0.46	610
138758	205	226	< 5	0.2	0.47	2	480	0.5	< 2	2.58	< 0.5	5	54	3	1.78	< 10	< 10	0.24	10	0.34	705
138759	205	226	< 5	0.2	1.07	16	420	0.5	< 2	2.47	< 0.5	6	62	3	2.37	10	< 10	0.38	10	0.52	725
138760	205	226	< 5	< 0.2	0.47	6	750	0.5	< 2	3.38	< 0.5	5	58	2	2.11	< 10	< 10	0.29	10	0.37	830

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: WESTMIN RESOURCES LTD.
ATTN: STEVE ROWINS
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : BENNETT LAKE
Comments: ATTN: STEVE ROWINS

Certificate Date: 27-SEP-96
Invoice No. : I9632301
P.O. Number :
Account : GP R

CERTIFICATE OF ANALYSIS A9632301

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
138718	205	226	< 1	0.01	6	740	6	2	1	161	< 0.01	< 10	< 10	15	< 10	52
138719	205	226	< 1	0.04	6	750	36	2	3	163	0.01	< 10	< 10	45	< 10	82
138720	205	226	< 1	0.03	6	690	20	6	3	95	< 0.01	< 10	< 10	27	< 10	140
138721	205	226	< 1	0.04	5	750	6	2	2	130	< 0.01	< 10	< 10	20	< 10	36
138722	205	226	< 1	0.03	4	710	6	2	1	78	< 0.01	< 10	< 10	22	< 10	44
138723	205	226	< 1	0.03	3	720	12	2	1	158	< 0.01	< 10	< 10	16	< 10	40
138724	205	226	< 1	0.04	6	710	2	4	3	117	0.01	< 10	< 10	27	< 10	42
138725	205	226	< 1	0.02	4	730	6	2	2	57	< 0.01	< 10	< 10	22	< 10	28
138752	205	226	< 1	0.01	79	1040	8	2	6	143	< 0.01	< 10	< 10	53	< 10	94
138753	205	226	< 1	0.03	5	780	6	2	2	45	< 0.01	< 10	< 10	24	< 10	34
138754	205	226	< 1	0.04	7	740	18	8	1	53	< 0.01	< 10	< 10	24	< 10	168
138755	205	226	< 1	0.04	7	720	6	2	1	94	< 0.01	< 10	< 10	17	< 10	62
138756	205	226	< 1	0.03	6	750	4	10	2	67	< 0.01	< 10	< 10	13	< 10	32
138757	205	226	< 1	0.04	5	720	2	2	3	87	0.01	< 10	< 10	35	< 10	40
138758	205	226	< 1	0.03	4	760	8	2	2	115	< 0.01	< 10	< 10	27	< 10	36
138759	205	226	< 1	0.04	6	740	10	6	3	143	< 0.01	< 10	< 10	31	< 10	48
138760	205	226	< 1	0.02	3	700	12	< 2	1	158	< 0.01	< 10	< 10	20	< 10	34

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ATTN: STEVE ROWINS
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9632276

Comments: ATTN: STEVE ROWINS

CERTIFICATE A9632276

(GP R) - WESTMIN RESOURCES LTD.

Project: BENNETT LAKE
P.O. # : 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	23	Geochem ring to approx 150 mesh
226	23	0-3 Kg crush and split
3202	23	Rock - save entire reject
229	23	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	23	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	23	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	23	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	23	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	23	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	23	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	23	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	23	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	23	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	23	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	23	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	23	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	23	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	23	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	23	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	23	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	23	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	23	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	23	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	23	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	23	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	23	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	23	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	23	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	23	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	23	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	23	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	23	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	23	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	23	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	23	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	23	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	23	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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To: WESTMIN RESOURCES LTD.
ATTN: STEVE ROWINS
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V7X 1C4

Project : BENNETT LAKE
Comments: ATTN: STEVE ROWINS

Page Number : 1-A
Total Pages : 1
Certificate Date: 26-SEP-96
Invoice No. : I9632276
P.O. Number : 6109
Account : GP R

CERTIFICATE OF ANALYSIS A9632276

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
138761	205	226	< 5	< 0.2	0.89	52	150	< 0.5	< 2	0.85	< 0.5	5	96	7	2.20	< 10	10	0.35	10	0.28	735

CERTIFICATION: [signature]

Chemex Labs Ltd.

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Project : BENNETT LAKE
Comments: ATTN: STEVE ROWINS

Page Number : 1-B
Total Pages : 1
Certificate Date: 26-SEP-96
Invoice No. : I9632276
P.O. Number : 6109
Account : GP R

CERTIFICATE OF ANALYSIS A9632276

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
138761	205	226	1	0.03	6	740	14	8	2	42	< 0.01	< 10	< 10	18	< 10	60

CERTIFICATION:

Chemex Labs Ltd.

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Project: BENNETT LAKE
Comments: ATTN: STEVE ROWINS

QC Page #: 1-A
Tot QC Pg: 1
Date: 26-SEP-96
Invoice #: I9632276
P.O. #: 6109
GP R

QC DATA OF CERTIFICATE A9632276

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
G96-1GM	Std1	1	-----	4.6	3.77	62	790	0.5	< 2	1.82	1.0	18	75	177	4.92	< 10	-----	0.30	10	0.82	1030
CHEMEX MEAN	---	---	-----	4.4	3.65	64	662	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	-----	0.30	10	0.80	927
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	130	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	168	-----	-----	-----	-----
JL-1	Std1	1	90	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	92	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
138761	Dup	1-01	< 5	< 0.2	0.84	56	170	0.5	< 2	0.99	0.5	6	108	8	2.48	< 10	< 10	0.31	10	0.28	840
	Orig	1-01	< 5	< 0.2	0.89	52	150	< 0.5	< 2	0.85	< 0.5	5	96	7	2.20	< 10	10	0.35	10	0.28	735

CERTIFICATION: ____________

Chemex Labs Ltd.
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V7X 1C4

Project: BENNETT LAKE
Comments: ATTN: STEVE ROWINS

QC Page #: 1-B
Tot QC Pg: 1
Date: 26-SEP-96
Invoice #: I9632276
P.O. #: 6109
GP R

QC DATA OF CERTIFICATE A9632276

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
G96-1GM	Std1	1	8	0.07	21	550	136	2	9	105	0.06	< 10	10	109	< 10	202
CHEMEX MEAN	---	---	9	0.07	20	524	120	< 2	10	102	0.06	< 10	< 10	102	< 10	186
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JL-1	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
138761	Dup	1-01	1	0.03	6	800	14	8	2	45	< 0.01	< 10	< 10	18	< 10	66
	Orig	1-01	1	0.03	6	740	14	8	2	42	< 0.01	< 10	< 10	18	< 10	60

CERTIFICATION: Hart Bichler

APPENDIX F

GEOCHEMICAL RESULTS, PERCUSSION DRILL SAMPLES

Chemex Labs Ltd.
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To: WESTMIN RESOURCES LTD.
ATTN: STEVE ROWINS
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9631965

Comments: ATTN: STEVE ROWINS

CERTIFICATE A9631965

(GP R) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. # : 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	8	Geochem ring to approx 150 mesh
226	8	0-3 Kg crush and split
3202	8	Rock - save entire reject
229	8	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	8	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	8	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	8	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	8	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	8	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	8	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	8	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	8	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	8	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	8	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	8	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	8	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	8	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	8	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	8	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	8	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	8	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	8	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	8	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	8	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	8	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	8	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	8	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	8	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	8	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	8	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	8	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	8	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	8	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	8	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	8	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	8	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	8	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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V7X 1C4

Project: BENNETT
Comments: ATTN: STEVE ROWINS

QC Page #: 1-A
Tot QC Pg: 1
Date: 26-SEP-96
Invoice #: I9631965
P.O. #: 6109
GP R

QC DATA OF CERTIFICATE A9631965

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
G96-1GM	Std1	1	-----	4.2	3.46	62	780	< 0.5	2	1.60	1.5	15	57	175	4.39	< 10	-----	0.28	10	0.79	920
CHEMEX MEAN	---	---	-----	4.4	3.65	64	662	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	-----	0.30	10	0.80	927
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	170	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	168	-----	-----	-----	-----
WC-96	Std1	1	210	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	239	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

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Project: BENNETT
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QC Page #: 1-B
Tot QC Pg: 1
Date: 26-SEP-96
Invoice #: I9631965
P.O. #: 6109
GP R

QC DATA OF CERTIFICATE A9631965

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
G96-1GM	Std1	1	8	0.07	18	500	118	< 2	10	100	0.05	< 10	< 10	103	< 10	182
CHEMEX MEAN	---	---	9	0.07	20	524	120	< 2	10	102	0.06	< 10	< 10	102	< 10	186
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
WC-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

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V7X 1C4

Project : BENNETT
Comments: ATTN: STEVE ROWINS

Certificate Date: 26-SEP-96
Invoice No. : I9631965
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Account : GP R

CERTIFICATE OF ANALYSIS A9631965

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
138704	205	226	< 5	< 0.2	2.51	58	270	< 0.5	< 2	0.82	< 0.5	11	79	21	3.31	< 10	< 10	0.53	10	0.97	510
138705	205	226	< 5	0.2	2.56	92	320	< 0.5	< 2	0.75	< 0.5	11	66	25	3.44	< 10	10	0.53	10	0.97	540
138706	205	226	< 5	0.2	2.44	58	280	< 0.5	< 2	0.96	< 0.5	9	68	21	3.36	< 10	10	0.58	10	0.94	475
138707	205	226	< 5	< 0.2	2.65	34	210	< 0.5	< 2	0.72	< 0.5	11	68	18	3.41	< 10	< 10	0.52	10	1.16	515
138708	205	226	< 5	< 0.2	2.57	42	280	< 0.5	< 2	0.79	< 0.5	11	57	18	3.43	< 10	20	0.60	10	1.07	545
138709	205	226	< 5	0.2	2.98	84	300	< 0.5	< 2	0.88	< 0.5	12	61	31	3.57	< 10	10	0.58	10	1.11	550
138710	205	226	< 5	0.2	2.29	40	240	< 0.5	< 2	0.87	< 0.5	10	63	18	3.28	< 10	10	0.51	10	0.99	570

CERTIFICATION: [signature]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: WESTMIN RESOURCES LTD.
ATTN: STEVE ROWINS
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : BENNETT
Comments: ATTN: STEVE ROWINS

Certificate Date: 26-SEP-96
Invoice No. : 19631965
P.O. Number : 6109
Account : GP R

CERTIFICATE OF ANALYSIS A9631965

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
138704	205	226	< 1	0.13	15	1140	10	< 2	6	85	0.13	< 10	< 10	71	< 10	66
138705	205	226	2	0.10	18	1370	10	< 2	6	76	0.13	< 10	< 10	75	< 10	72
138706	205	226	1	0.13	21	1430	10	< 2	6	82	0.11	< 10	< 10	73	< 10	76
138707	205	226	< 1	0.12	17	1130	10	< 2	6	70	0.13	< 10	< 10	70	< 10	66
138708	205	226	< 1	0.13	14	1170	8	< 2	6	77	0.13	< 10	< 10	72	< 10	70
138709	205	226	2	0.13	19	1180	10	< 2	7	96	0.14	< 10	< 10	78	< 10	72
138710	205	226	< 1	0.12	14	1190	10	< 2	6	72	0.13	< 10	< 10	69	< 10	64

CERTIFICATION:

Chemex Labs Ltd.

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To: WESTMIN RESOURCES LTD.
ATTN: STEVE ROWINS
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9632281

Comments: ATTN: STEVE ROWINS

CERTIFICATE A9632281

(GP R) - WESTMIN RESOURCES LTD.

Project: BENNETT LAKE
P.O. # : 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	16	Geochem ring to approx 150 mesh
226	16	0-3 Kg crush and split
3202	16	Rock - save entire reject
229	16	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	16	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	16	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	16	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	16	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	16	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	16	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	16	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	16	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	16	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	16	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	16	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	16	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	16	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	16	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	16	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	16	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	16	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	16	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	16	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	16	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	16	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	16	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	16	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	16	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	16	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	16	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	16	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	16	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	16	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	16	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	16	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	16	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	16	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: WESTMIN RESOURCES LTD.
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VANCOUVER, BC
V7X 1C4

Project: BENNETT LAKE
Comments: ATTN: STEVE ROWINS

QC Page #: 1-A
Tot QC Pg: 1
Date: 26-SEP-96
Invoice #: I9632281
P.O. #: 6109
GP R

QC DATA OF CERTIFICATE A9632281

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
G96-1GM	Std1	1	-----	4.2	3.94	66	610	0.5	< 2	1.83	0.5	18	79	186	5.01	< 10	-----	0.31	10	0.84	1040
CHEMEX MEAN	---	---	-----	4.4	3.65	64	662	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	-----	0.30	10	0.80	927
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	130	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	168	-----	-----	-----	-----
JL-1	Std1	1	120	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	92	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
138712	Dup	1-01	15	0.2	2.84	48	320	0.5	< 2	0.92	< 0.5	12	73	22	3.80	< 10	30	0.54	20	1.23	670
	Orig	1-01	10	< 0.2	2.69	52	300	0.5	< 2	0.89	< 0.5	12	71	24	3.77	< 10	30	0.50	20	1.20	645

CERTIFICATION: ____________

Chemex Labs Ltd.

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Project: BENNETT LAKE
Comments: ATTN: STEVE ROWINS

QC Page #: 1-B
Tot QC Pg: 1
Date: 26-SEP-96
Invoice #: I9632281
P.O. #: 6109
GP R

QC DATA OF CERTIFICATE A9632281

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
G96-1GM	Std1	1	8	0.07	21	560	136	2	9	106	0.06	< 10	10	110	< 10	206
CHEMEX MEAN	---	---	9	0.07	20	524	120	< 2	10	102	0.06	< 10	< 10	102	< 10	186
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JL-1	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
138712	Dup	1-01	1	0.11	19	1080	10	< 2	7	86	0.11	< 10	< 10	76	< 10	74
	Orig	1-01	1	0.10	18	1070	12	4	6	77	0.10	< 10	< 10	74	< 10	74

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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VANCOUVER, BC
V7X 1C4

Project : BENNETT LAKE
Comments: ATTN: STEVE ROWINS

Page Number : 1-A
Total Pages : 1
Certificate Date: 26-SEP-96
Invoice No. : I9632281
P.O. Number : 6109
Account : GP R

CERTIFICATE OF ANALYSIS A9632281

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
138712	205	226	10	< 0.2	2.69	52	300	0.5	< 2	0.89	< 0.5	12	71	24	3.77	< 10	30	0.50	20	1.20	645
138713	205	226	< 5	< 0.2	2.63	54	280	< 0.5	< 2	0.97	< 0.5	12	80	29	3.68	< 10	< 10	0.52	10	1.04	610
138714	205	226	< 5	< 0.2	2.63	38	280	0.5	< 2	1.08	< 0.5	12	61	24	3.73	< 10	< 10	0.62	20	0.99	560
138715	205	226	< 5	< 0.2	2.82	44	330	0.5	< 2	1.02	< 0.5	12	76	21	3.98	< 10	10	0.63	20	1.07	600
138716	205	226	< 5	< 0.2	2.75	62	310	0.5	< 2	0.92	< 0.5	12	65	23	3.76	< 10	< 10	0.56	20	1.01	625
138717	205	226	10	0.6	2.63	34	340	< 0.5	2	1.08	< 0.5	11	67	17	3.63	< 10	< 10	0.61	10	1.02	555

CERTIFICATION: ____________

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Page Number : 1-B
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CERTIFICATE OF ANALYSIS A9632281

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
138712	205	226	1	0.10	18	1070	12	4	6	77	0.10	< 10	< 10	74	< 10	74
138713	205	226	2	0.11	16	1200	10	2	6	100	0.13	< 10	< 10	75	< 10	70
138714	205	226	2	0.13	14	1470	10	2	6	92	0.13	< 10	< 10	76	< 10	84
138715	205	226	5	0.13	20	1500	10	2	6	97	0.14	< 10	< 10	79	< 10	74
138716	205	226	4	0.11	18	1260	8	2	5	96	0.13	< 10	< 10	72	< 10	74
138717	205	226	3	0.14	13	1450	8	2	6	100	0.14	< 10	< 10	78	< 10	70

CERTIFICATION: Hart Bichler

APPENDIX G

IP GEOPHYSICAL SURVEY REPORT

(by Scott Geophysics Ltd.)

LOGISTICAL REPORT

INDUCED POLARIZATION/RESISTIVITY SURVEY

BENNETT PROJECT

BENNETT LAKE, BRITISH COLUMBIA

on behalf of

WESTMIN RESOURCES LTD.
904 - 1055 Dunsmuir Street
Vancouver, B.C. V7X 1C4

Field work completed: September 5-10, 1996

by

Alan Scott, Geophysicist
SCOTT GEOPHYSICS LTD.
4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

September 11, 1996

TABLE OF CONTENTS

1. INTRODUCTION

An induced polarization/resistivity survey (IP survey) was performed at the Bennett Project, Lake Bennett, British Columbia. The survey was completed in the period September 5-10, 1996, by Scott Geophysics Ltd. on behalf of Westmin Resources Ltd.

The pole dipole array was used on the survey with an electrode spacing of 50 metres ("a" = 50 m) and at current pole to receiver dipole separations of 1, 2, 3, and 4 ("n" = 1 to 4). The online current electrode was to the south of the receiving electrodes on all survey lines.

This report describes the instrumentation and procedures, and presents the results of the survey.

2. SURVEY COVERAGE AND DATA PRESENTATION

A total of 15.7 line kilometres of IP survey was completed at the Bennett Project. The chargeability and resistivity results are presented as pseudosections for all separations and as contour plans for the triangular filtered values.

The legends on the pseudosections and plan maps give details of contour intervals and survey specifications.

The floppy disk in the last map pocket of this report contains edited ASCII format files of all survey data.

3. PERSONNEL

Jim Hawkins, Geophysicist, was the party chief on the survey on behalf of Scott Geophysics. Steve Rowins, Geologist, was the representative on site on behalf of Westmin Resources.

4. INSTRUMENTATION

A Scintrex IPR12 receiver and IRIS VIP3000 (3.0 kw) transmitter were used on the IP survey. Readings were taken in the time domain using a 2 second on/off current pulse (0.125 Hz).

The chargeability plotted on the accompanying pseudosections and plan maps is for the interval 690 to 1050 milliseconds after shutoff.

5. RECOMMENDATIONS

A detailed interpretation of these results, and correlation to other work, is required before any specific recommendations could be made.

Respectfully Submitted,

Alan Scott, P. Geos.

Statement of Qualifications

for

Alan Scott, Geophysicist

of

4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

I, Alan Scott, hereby certify the following statements regarding my qualifications, and my involvement in the program of work described in this report.

1. The work was performed by individuals sufficiently trained and qualified for its performance.

2. I have no material interest in the property under consideration in this report, nor in the company on whose behalf the work was performed.

3. I graduated from the University of British Columbia with a Bachelor of Science degree (Geophysics) in 1970, and with a Master of Business Administration degree in 1982.

4. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

5. I have been practicing my profession as a Geophysicist in the field of Mineral Exploration since 1970.

Respectfully submitted,

Alan Scott

96350101.ARC

```
--------------------------  S C I N T R E X  ----------------------------
                IPR-12 MULTI-CHANNEL IP-RECEIVER V1.5
Job #:          9635                     Date:      96/09/06
Operator:        JPH                     Serial #:  9211025
P-Line:        10900E                    Units:          Metre
Array:   Pole-Dipole                     Mx From:   675 ms  To:   855  m
--------------------------------------------------------------------------
   STN     P1     P2     C1     C2  curr     K1     K2     K3     K4     K5     K6     K7     K8 Timing Dur.   Time
 O:       Vp   SP     Mx  S.D.    Rc   Rho     M1     M2     M3     M4     M5     M6     M7     M8     M9    M10    M11    M12    M13    M14  Mi    Tau    Rr
*
 19400N 19450N 19500N 19550N 99999W  650  1885.  3769.  6283.  9424.                                  1    7 07:41:39
 1:  807.35-1196  30.30  0.019999.0  2341                        30.35  30.48  30.35  30.31  30.31  30.31  30.31  30.30  30.31  30.29   0  0.000   0.
 2: -806.78 1200  30.26  0.009999.0  4679                        30.27  30.39  30.28  30.30  30.25  30.30  30.28  30.26  30.28  30.28   0  0.000   0.
 3:  807.50-1196  30.30  0.029999.0  7806                        30.34  30.50  30.37  30.36  30.35  30.33  30.34  30.32  30.32  30.30   0  0.000   0.
 4: -806.98 1198  30.27  0.009999.0 11701                        30.26  30.42  30.27  30.26  30.27  30.28  30.27  30.25  30.25  30.27   0  0.000   0.
*
--------------------------  S C I N T R E X  ----------------------------
                IPR-12 MULTI-CHANNEL IP-RECEIVER V1.5
Job #:          9635                     Date:      96/09/06
Operator:        JPH                     Serial #:  9211025
P-Line:        10600E                    Units:          Metre
Array:   Pole-Dipole                     Mx From:   690 ms  To:  1050  m
--------------------------------------------------------------------------
   STN     P1     P2     C1     C2  curr     K1     K2     K3     K4     K5     K6     K7     K8 Timing Dur.   Time
 O:       Vp   SP     Mx  S.D.    Rc   Rho     M1     M2     M3     M4     M5     M6     M7     M8     M9    M10    M11    M12    M13    M14  Mi    Tau    Rr
*
 19450N 19450N 19500N 19400N 99999W  100   628.  1885.  3769.  6283.                                  2    5 09:47:24
 1:   65.70    3   5.08  0.11 162.7   413                 16.93  14.51  12.84  11.48   9.72   7.91   6.63   5.63   4.78   3.85   2.86  77  0.500   2.
 2:   31.05   48   4.16  0.85 103.7   585                 18.54  15.68  13.60  12.02   9.83   8.27   6.95   6.04   3.86   3.80   2.75  83  0.250   2.
 3:   18.24    5   4.63  1.19 216.5   688                 16.67  14.18  12.98  12.81  10.94   8.62   7.42   6.81   3.91   3.84   2.60 104 64.000   4.
 4:   [illegible] -26   5.14  1.19 201.3   810                 19.29  16.51  14.45  14.50  11.72   9.46   8.83   7.71   4.71   4.83   4.02 116 64.000   4.
*
 19450N 19450N 19500N 19400N 99999W  100   628.  1885.  3769.  6283.                                  2    7 09:53:24
 1:   91.19    1   4.71  0.16 160.5   573                 16.97  13.97  12.36  10.41   9.15   7.95   6.52   5.33   4.52   3.53   2.92  74  0.500   2.
 2:   45.50   76   4.29  0.91 105.7   858                 18.82  13.92  13.36  10.70   9.18   8.15   6.73   5.23   3.92   2.97   2.75  86  0.062   5.
 3:   25.58   -4   3.87  1.65 217.3   964                 17.84  12.02  12.71   9.97   8.82   8.24   6.46   4.87   3.36   2.34   2.57  73  0.500   9.
 4:   17.95  -56   3.74  2.17 206.0  1128                 19.44  12.04  13.59  10.23   8.75   8.42   6.58   4.90   3.20   2.19   2.66   0  0.000   0.
*
 19500N 19500N 19550N 19450N 99999W  450   628.  1885.  3769.  6283.                                  2    7 10:11:55
 1:  978.58   26   5.86  0.17 889.0  1366                 20.20  17.66  15.46  13.40  11.41   9.65   8.02   6.71   5.53   4.56   3.68  92  0.500   0.
 2:  300.90   14   4.38  0.11 339.4  1260                 17.17  14.73  12.38  10.46   8.79   7.38   6.26   5.08   4.10   3.34   2.69  83  0.062   1.
 3:  144.37  -52   4.06  0.17 218.2  1209                 14.65  13.30  11.47   9.78   8.21   6.96   5.94   4.73   3.83   3.22   2.60  69  0.250   1.
 4:   92.71   21   4.86  0.14  88.3  1294                 16.92  15.06  12.63  10.87   9.01   7.72   6.99   5.63   4.47   3.63   2.95  78  0.250   2.
*
 19550N 19550N 19600N 19500N 99999W  150   628.  1885.  3769.  6283.                                  2    7 10:17:41
 1:  255.76   -9   3.37  0.58 659.2  1071                 11.99  11.01  10.24   8.64   7.20   6.19   4.92   3.89   3.16   2.49   2.11  61  0.125   3.
 2:  114.7[illegible]  -23   [illegible]  0.92 485.3  1442                 19.76  15.15  11.70   9.78   7.81   6.54   5.96   4.15   3.47   2.99   2.33 248  0.000   7.
 3:   49.34   34   2.85  1.33  98.9  1252                 12.37  10.92   9.53   8.41   6.23   5.25   4.39   3.60   2.45   1.94   3.56   0  0.000   0.
 4:   [illegible]  [illegible]  [illegible]  [illegible] 130.5  1157                 32.43  27.81  20.11  17.88  15.14  13.17  11.36   8.62   7.14   5.54   4.92   0  0.000   0.
*
 19550N 19550N 19600N 19500N 99999W  150   628.  1885.  3769.  6283.                                  2    7 10:18:59
 1:  255.55  -13   3.80  0.43 664.7  1070                 12.26  11.50  10.13   8.83   7.47   6.57   5.35   4.39   3.62   3.01   2.54  60  2.000   2.
 2:  [illegible]  -27   4.03  0.53 475.7  1441                 19.88  14.71  11.99  10.19   7.90   6.67   5.26   4.42   3.66   3.28   2.71 128  0.001   8.
 3:   49.84   35   3.36  0.51  99.3  1253                 13.99  11.75  10.04   8.68   7.37   6.85   5.17   4.00   3.06   3.23   2.42  65  0.125   7.
 4:   [illegible]    2   7.34  0.15 205.5  1155                 35.41  26.06  21.69  18.25  15.73  13.42  10.82   8.56   7.29   7.19   6.40 131  0.500  11.
*
 19600N 19600N 19650N 19550N 99999W 1000   628.  1885.  3769.  6283.                                  2    7 10:26:03
 1: 1800.26  -80   4.15  0.04 302.2  1131                 15.29  13.33  11.71  10.05   8.49   7.11   5.86   4.79   3.90   3.17   2.56  73  0.125   0.
 2:  802.66   68   3.56  0.05 184.5  1513                 15.06  12.41  10.43   8.73   7.30   6.06   4.96   4.06   3.34   2.68   2.13  89  0.007   2.
 3:  319.31   12   6.66  0.15 257.5  1204                 23.21  20.23  17.62  15.36  13.11  10.97   9.10   7.53   6.25   5.10   4.13 104  0.500   0.
 4:  172.38  -17  13.12  0.10 253.6  1083                 45.54  39.51  34.20  29.53  25.29  21.42  17.93  14.89  12.44  10.17   8.26 195  0.500   1.
*
```

```
19650N 19650N 19700N 19600N 99999W   500   628.  1885.  3769.  6283.                                           2    7 10:35:08
1: 1099.57   75   4.56  0.04 146.9  1374                       16.94 14.64 12.80 10.96  9.24  7.73  6.43  5.30  4.29  3.46  2.82  80 0.125  0.6
2: [illegible]  -17 [illegible]  0.06 340.7  1141              21.10 17.93 15.39 13.09 11.03  9.22  7.67  6.37  5.18  4.19  3.40 102 0.062  1.5
3:  195.27   -7  11.99  0.04 293.7  1103                       39.80 35.07 30.95 26.74 23.03 19.48 16.33 13.76 11.35  9.19  7.69 175 1.000  0.8
4: [illegible]   -3  15.94  0.20  72.4  1196                   53.21 46.82 41.11 35.51 30.44 25.97 21.78 18.31 15.09 12.43 10.11 227 1.000  0.7
X
19700N [illegible] 19750N 19650N 99999W   100   628.  1885.  3769.  6283.                                      2    7 10:40:06
1: [illegible] [illegible] [illegible]  0.20 502.7  1224       18.31 16.57 15.56 13.26 11.30  9.76  7.90  6.65  5.44  4.34  3.65  88 1.000  2.3
2: [illegible]   38 [illegible]  0.19 482.6  1325              39.78 32.44 25.75 22.86 19.01 15.81 13.10 10.88  8.86  7.77  5.11 204 0.015  5.3
3:   50.29    5  14.97  0.21  75.3  1142                       48.68 42.47 37.48 33.38 28.93 23.95 20.35 17.54 13.78 11.58  9.47 211 2.000  1.4
4:   19.27   -4  16.58  0.77  38.2  1154                       55.05 47.69 41.20 37.14 31.21 26.47 21.10 18.91 15.29 12.74 10.89 230 2.000  2.9
X
19750N 19750N 19800N 19700N 99999W   500   628.  1885.  3769.  6283.                                           2    7 10:45:43
1:  750.10   -8   7.31  0.03 325.4   943                       24.64 21.62 19.11 16.48 14.12 12.02  9.97  8.40  6.91  5.65  4.55 111 1.000  0.7
2: [illegible]    4  12.14  0.06  81.5  1065                   40.26 35.35 31.22 26.95 23.25 19.70 16.59 13.90 11.52  9.50  7.65 177 1.000  0.7
3:  148.70    8  14.41  0.11  44.2  1122                       46.32 41.07 36.51 31.61 27.44 23.21 19.62 16.43 13.69 11.31  9.12 204 2.000  0.4
4:   95.11  -51  15.15  0.08  60.5  1174                       50.00 43.80 38.68 33.18 28.75 24.33 20.52 17.25 14.40 11.89  9.60 214 2.000  1.1
X
19800N 19800N 19850N 19750N 99999W   200   628.  1885.  3769.  6283.                                           2    7 10:50:53
1:  442.10   12   7.21  0.06  80.7  1389                       24.11 21.29 18.95 16.29 13.99 11.76  9.96  8.27  6.84  5.49  4.48 109 1.000  0.
2:  155.06    6   9.45  0.18  45.8  1273                       31.21 27.34 24.59 20.99 18.23 15.44 13.07 10.81  8.96  7.25  5.96 140 1.000  0.6
3:   71.52  -44  10.85  0.26  61.9  1348                       34.89 30.46 27.87 23.57 20.70 17.50 14.92 12.42 10.30  8.15  6.70 157 2.000  1.4
4:   39.65   34  11.76  0.48 112.7  1246                       40.66 34.47 30.32 25.09 22.88 18.82 15.86 13.39 11.39  9.11  7.52 172 1.000  2.5
X
19850N 19850N 19900N 19800N 99999W   200   628.  1885.  3769.  6283.                                           2    7 10:55:52
1:  284.09    2   6.92  0.11  49.4   892                       23.90 20.90 18.44 15.89 13.55 11.48  9.58  7.93  6.57  5.33  4.41 108 0.500  0.
2:  118.19  -40   7.80  0.14  64.8  1114                       26.85 23.40 20.48 17.68 15.18 13.03 10.60  9.00  7.33  5.96  5.05 121 0.500  1.
3:   61.10   46   9.03  0.12 112.9  1152                       30.49 26.48 23.48 20.54 17.40 14.87 12.46 10.12  8.77  7.35  5.92 136 2.000  1.
4:   38.50  -19  10.21  0.85 101.0  1210                       35.96 31.19 26.95 23.70 20.15 17.73 14.07 11.95  9.57  8.05  6.77 158 0.500  2.
X
19900N 19900N 19950N 19850N 99999W   500   628.  1885.  3769.  6283.                                           2    7 11:01:21
1:  892.80  -51   4.89  0.01  66.6  1122                       17.16 14.97 13.15 11.28  9.60  8.12  6.77  5.60  4.63  3.77  3.06  78 0.500  0.
2: [illegible]   53   5.60  0.03 117.1  1268                   20.24 17.43 15.17 12.94 11.03  9.23  7.78  6.44  5.30  4.33  3.55  92 0.250  1.
3:  199.81  -13   7.00  0.06 106.0  1431                       24.01 21.06 18.52 15.86 13.57 11.49  9.67  8.01  6.65  5.43  4.40 109 0.500  0.
4: [illegible]   -2 [illegible] [illegible] [illegible]  1424  27.31 23.72 20.72 17.70 15.07 12.75 10.81  8.91  7.34  6.07  4.95 121 0.500  1.
X
19950N [illegible] 20000N 19900N 99999W   500   628.  1885.  3769.  6283.                                       2    7 11:06:20
1:  792.35   56   3.96  0.01 117.9   996                       14.01 12.29 10.75  9.29  7.89  6.60  5.55  4.60  3.76  3.03  2.45  66 0.250  0.
2: [illegible]  -12 [illegible]  0.03 110.4  1337              20.11 17.14 14.63 12.54 10.52  8.95  7.51  6.28  5.05  4.16  3.36  93 0.125  1.
3:  192.93    6   6.14  0.05  49.5  1455                       21.58 18.82 16.32 14.14 11.98 10.17  8.58  7.04  5.82  4.71  3.84  97 0.500  0.
4: [illegible]   18   6.85  0.13 156.9  1713                   29.10 23.36 19.64 16.32 13.51 11.56  9.63  8.00  6.50  5.35  4.20 139 0.031  3.
X
20000N 20000N 20050N 19950N 99999W   100   628.  1885.  3769.  6283.                                           2    7 11:10:38
1:  152.28  -24   4.29  0.32 112.0   957                       14.97 12.85 11.08  9.61  8.08  6.71  5.93  5.02  4.02  2.93  2.36  71 0.125  3.
2:   64.52    9   4.99  0.30  50.1  1216                       18.65 15.65 13.41 11.32  9.54  8.03  6.78  5.71  4.65  3.84  2.77  90 0.062  3.
3:   41.91   27   5.22  0.28 153.3  1580                       21.72 17.48 15.17 13.77 11.74  9.95  8.13  6.58  4.79  4.73  3.29  99 0.125  5.
4:   30.36   -5   6.10  1.44 586.3  1908                       42.99 30.09 20.27 10.77 13.12  5.42 10.39  6.06  5.76  4.99  1.46 419 0.000 30.
X
20050N 20050N 20100N 20000N 99999W   200   628.  1885.  3769.  6283.                                           2    7 11:19:49
1:  227.90    9   3.89  0.14  50.4   716                       14.15 12.25 10.66  9.11  7.86  6.61  5.42  4.53  3.65  3.03  2.40  65 0.250  0.
2:  124.26 [illegible]   4.73  0.38 453.1  1171                17.70 15.20 13.18 11.18  9.61  8.10  6.61  5.49  4.44  3.67  2.92  83 0.125  1.
3: [illegible]   24   5.02  0.48 545.5  1566                   19.35 16.84 14.48 12.30 10.99  9.04  7.60  6.63  5.18  4.14  3.10  89 0.250  3.
4: [illegible]  -16   5.65  0.65 472.1  1837                   22.72 19.04 16.37 13.99 12.02 10.45  8.62  7.02  5.31  4.93  3.65 105 0.125  3.
X
20100N 20100N 20150N 20050N 99999W   500   628.  1885.  3769.  6283.                                           2    7 11:24:56
1: [illegible] [illegible]   3.75  0.03 [illegible]  1011      11.94 10.79  9.68  8.46  7.26  6.12  5.16  4.26  3.57  2.85  2.36  58 1.000  1.
2: [illegible] [illegible] [illegible] 0.13 589.1  1395        15.60 13.42 11.50  9.78  8.22  6.85  5.73  4.73  3.87  3.28  2.55  73 0.125  1.
3: [illegible] [illegible] [illegible] 0.24 522.0  1762        16.94 14.96 13.06 11.28  9.76  8.35  7.19  5.89  4.88  3.80  3.22  78 1.000  1.
4: [illegible] [illegible] [illegible] 0.30 [illegible] [illegible]  19.00 16.84 14.75 12.79 10.98  9.21  7.82  6.43  5.24  4.45  3.77  87 1.000  1.
X
20150N [illegible] [illegible] [illegible] 99999W   150   628.  1885.  3769.  6283.                                2    7 11:29:20
1: [illegible]   19   3.14  0.10 574.6   931                    9.02  8.79  8.30  7.39  6.45  5.44  4.60  3.79  2.89  2.73  2.05  52 8.000  5.
2: [illegible]   -3   4.33  0.19 508.4  1293                   21.49 17.08 13.74 11.15  9.25  7.76  6.39  4.97  4.30  3.32  2.90 163 0.000  5.
3:  186.26   14   5.05  0.18  79.2  1560                       16.93 14.98 13.26 11.33  9.71  8.13  6.80  5.74  4.74  3.98  3.05  78 0.500  1.
4: [illegible]   45 [illegible]  0.57 341.3  1576              27.65 20.51 15.84 12.17  9.78  8.52  7.07  5.81  4.53  3.95  3.06 325 0.000  8.
X
```

```
 20200N 20200N 2025?N 20150N 99999W   500   628.  1885.  3769.  6283.                                        2    7 11:34:23
 1:  [illegible] -[illegible]   2.5[illegible]  0.21 51?.8   ?92            10.00  8.94  7.75  6.78  5.70  4.83  3.98  3.40  2.47  2.23  1.96  46 0.500  4.
 2:  351.1[illegible]  [illegible]5   4.[illegible]  0.10  78.8  1324            14.82 12.95 11.28  9.73  8.35  7.01  5.88  4.91  3.94  3.28  2.68  68 0.500  1.0
 3:  191.[illegible]   58   4.54  0.20 339.7  1447            15.37 13.43 12.17  9.77  8.65  7.31  6.12  5.25  4.31  3.65  2.79  70 1.000  2.5
 4:  118.31  -[illegible]0   4.72  0.09 325.3  1487            16.89 15.22 13.75 12.08 10.24  8.82  7.00  5.51  4.50  3.90  3.39  80 0.500  4.0
 I
 20250N 20250N 20300N 20200N 99999W   400   628.  1885.  3769.  6283.                                        2    7 11:43:37
 1:  52[illegible]   18   3.65  0.06  78.3   977            12.11 10.77  9.50  8.24  7.05  5.98  5.04  4.21  3.43  2.86  2.36  57 1.000  0.
 2:  256.84   -1   3.79  0.04 133.4  1210            12.77 11.21  9.85  8.41  7.23  6.10  5.15  4.37  3.55  2.80  2.34  59 0.500  1.
 3:  [illegible]   36   4.72  0.21 118.5  1346            15.06 13.34 11.88 10.18  8.88  7.52  6.41  5.46  4.38  3.48  2.83  71 1.000  1.
 4:  101.[illegible]  -[illegible]0   5.20  0.11   6.9  1587            16.29 14.36 12.75 10.86  9.50  8.07  6.83  5.96  4.80  3.68  3.09  76 1.000  2.
 I
 [illegible]00N [illegible]300N 20350N 20250N 99999W   300   628.  1885.  3769.  6283.                                        2    7 11:49:26
 1:  4[illegible]   -16   3.11  0.06 145.9  1024            10.64  9.43  8.29  7.14  6.11  5.13  4.33  3.54  2.95  2.40  1.96  50 0.500  0.
 2:  [illegible].84   29   4.04  0.14 132.0  1097            16.55 13.61 11.39  9.65  8.09  6.88  5.68  4.73  3.82  3.19  2.51  77 0.062  3.0
 3:  [illegible]08.03  -45   4.15  0.30   7.2  1358            15.49 13.50 11.57  9.89  8.36  7.06  5.86  4.81  3.93  3.32  2.60  74 0.125  1.
 4:  [illegible].27   38   4.94  0.41  61.7  1744            19.48 16.59 13.94 11.67  9.80  8.36  6.84  5.78  4.81  3.90  3.14  88 0.125  2.
 I
 20350N 20350N 20400N 20300N 99999W   200   628.  1885.  3769.  6283.                                        2    7 11:55:03
 1:  227.23   32   3.38  0.10 133.8   714            11.85 10.73  9.17  7.85  6.83  5.75  4.69  3.93  3.26  2.52  2.18  57 0.250  1.
 2:  103.89  -17   3.67  0.18   6.7   379            13.50 11.69 10.31  8.84  7.40  6.28  5.23  4.28  3.44  2.93  2.38  62 0.250  1.
 3:   74.59   47   4.30  0.14  67.6  1406            15.41 13.52 12.02 10.77  8.70  7.31  6.31  4.99  4.04  3.58  2.86  71 0.500  2.
 4:   4[illegible].77  -48   6.38  0.42  64.3  1375            23.45 20.46 17.80 15.16 13.13 10.92  8.84  7.34  5.99  5.40  4.23 104 0.500  3.
 I
 20400N 20400N 20450N 20350N 99999W   300   628.  1885.  3769.  6283.                                        2    7 12:02:34
 1:  279.13  -20   2.83  0.05   6.8   585            10.48  8.99  7.82  6.68  5.67  4.71  3.93  3.26  2.68  2.16  1.73  50 0.125  0.
 2:  165.46  -17   3.65  0.09  55.1  1040            13.08 11.23  9.80  8.38  7.18  5.96  5.01  4.18  3.46  2.77  2.22  60 0.250  1.
 3:   92.36   23   5.75  0.15  51.1  1161            19.98 17.39 15.29 13.09 11.22  9.31  7.86  6.57  5.46  4.39  3.50  90 0.500  1.
 4:   92.76  -28   6.29  0.25   4.4  1943            22.10 19.14 16.80 14.35 12.31 10.15  8.57  7.17  5.97  4.77  3.77 101 0.250  1.
 I
 20450N 20450N 20500N 20400N 99999W   500   628.  1885.  3769.                                               2    5 12:06:30
 1:  541.82  -16   2.96  0.00  54.6   807            10.36  8.96  7.88  6.80  5.81  4.91  4.12  3.42  2.80  2.30  1.85  47 0.500  0.
 2:  250.30   23   4.80  0.00  50.6   944            17.70 15.12 13.08 11.11  9.34  7.91  6.60  5.51  4.54  3.74  2.94  79 0.250  1.
 3:  218.53  -30   5.38  0.00   4.5  1648            19.20 16.56 14.50 12.39 10.47  8.90  7.41  6.20  5.09  4.21  3.27  88 0.250  1.
 I
 20500N 20500N 20550N 20450N 99999W   500   628.  1885.                                                       2    5 12:10:24
 1:  483.86   22   3.74  0.01  51.0   608            13.50 11.70 10.19  8.72  7.43  6.21  5.21  4.31  3.55  2.89  2.37  62 0.250  1.
 2:  333.4[illegible]  -29   [illegible].52  0.04   4.5  1257            16.32 14.14 12.29 10.50  8.97  7.46  6.29  5.21  4.27  3.45  2.91  75 0.250  1.
 I
 20550N 20550N 20600N 20500N 99999W   500   628                                                               2    5 12:14:46
 1:  [illegible].66  -30   3.61  0.03   [illegible].7   894            13.12 11.47  9.99  8.54  7.25  6.09  5.05  4.17  3.41  2.80  2.25  61 0.250  0.
 I
---------------------------   S C I N T R E X   ----------------------------
               IPR-12 MULTI-CHANNEL IP-RECEIVER V1.5
Job #:           9635                    Date:      96/09/06
Operator:        JPH                     Serial #:  9211025
P-Line:          10500E                  Units:          Metre
Array:   Pole-Dipole                     Mx From:   690 ms  To:  1050  m
----------------------------------------------------------------------------
    STN     P1     P2     C1     C2  Curr    K1     K2     K3     K4     K5     K6     K7     K8 Timing Dur.   Time
 D:         Vo     SP     Mx  5.0.   Rc   Rho    M1     M2     M3     M4     M5     M6     M7     M8     M9    M10    M11    M12    M13    M14  Mi    Tau    P
 I
 19450N 19450N 19500N 19400N 99999W   500   628.  1885.  3769.  6283.                                        2    7 13:27:12
 1: 1680.09   14   6.08  0.04 383.7  2111            21.56 18.83 16.45 14.11 11.99 10.07  8.38  6.98  5.77  4.66  3.79  99 0.250  0.
 2:  540.47   [illegible]   6.91  0.29 403.6  1284            27.65 22.99 19.30 16.24 13.72 11.47  9.59  7.91  6.44  5.25  4.26 128 0.062  2
 3:  134.2[illegible]   [illegible]   5.84  0.27 234.3  1012            19.75 17.04 14.92 12.88 10.81  9.22  7.67  6.65  5.53  4.32  3.38  88 0.500  2.
 4:   [illegible]3.15  -[illegible]   [illegible].13  1.[illegible]2 111.9  1045            21.15 18.11 15.13 12.94 11.29  9.26  7.76  6.13  4.81  4.08  3.67 109 0.031  1.
 I
 19500N 19500N 19550N 19450N 99999W   150   628.  1885.  3769.  6283.                                        2    7 13:32:39
 1:  [illegible]   [illegible]2   5.[illegible]  0.15 405.0  1216            21.26 18.15 15.78 13.79 11.31  9.79  8.05  6.81  5.58  4.35  3.28 100 0.125  2.
 2:  [illegible]   34   5.35  [illegible]   816            21.50 17.70 14.79 13.09 10.41  8.97  7.51  6.04  4.95  4.19  3.77  95 0.125  5.
 3:  [illegible]   [illegible]   5.11  [illegible] 113.1   846            18.54 15.30 13.28 12.25  9.68  8.32  6.97  6.03  4.65  4.08  4.50  90 0.062  3.
 4:  [illegible]   [illegible]   [illegible]  [illegible]14 [illegible]   982            22.87 17.44 14.26 14.00  9.19  8.66  7.34  5.86  4.05  4.47  3.61 176 0.000  7.
 I
 [illegible] 99999W   300   628.  1885.  3769.  6283.                                        2    7 13:36:54
 1:  420.33   40   3.95  0.16 231.2   881            14.73 12.73 11.07  9.82  8.06  6.87  5.67  4.64  3.71  3.11  2.46  71 0.125  1.
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[illegible] [illegible]1.22 -29 4.46 0.22 111.2 925          16.53 13.28 10.96  9.81  7.88  6.70  5.78  4.53  4.33  3.30  2.67  70 0.250  5.70
[illegible] [illegible] [illegible] 4.32 1.15 99.1 [illegible]0     16.86 13.53 11.68 10.74  8.57  7.52  6.42  5.38  4.69  3.88  3.25  74 4.000  4.6
[illegible] [illegible] [illegible] 5.7[illegible] 0.79 115.8 966   19.91 16.31 13.30 13.18 10.33  8.70  7.42  6.49  5.31  4.61  3.91  85 1.000  5.1
I
[illegible]500N 19600N 19650N 19550N 99999W  500  628. 1885. 3769. 6283.        2  7 13:44:41
1: 906.[illegible] -[illegible] 4.92 0.03 111.4 1139            17.95 15.64 13.57 11.65  9.88  8.29  6.89  5.71  4.64  3.79  3.07  82 0.250  0.8
2: 57.53 17 3.86 0.57 101.7 971                                  14.90 12.54 10.61  8.92  7.55  6.40  5.30  4.40  3.65  2.78  2.40  71 0.062  2.3
3: 129.03 -[illegible] 3.58 0.33 119.3 973                       14.12 12.18 10.31  8.85  7.57  6.37  5.02  4.26  3.29  2.64  2.09  80 0.015  1.7
4: 99.[illegible] -[illegible] 5.57 0.28 62.6 1253                24.95 21.85 18.66 16.03 13.58 11.42  9.36  7.87  6.14  5.02  4.05 123 0.062  1.0
I
19650N 19650N 19700N 19600N 99999W  100  628. 1885. 3769. 6283.        2  5 13:49:20
1: 189.[illegible] 19 4.11 0.82 100.3 1193                       15.27 13.04 11.62 10.21  8.45  6.85  5.74  4.74  3.89  3.13  2.29  77 0.062  1.6
2: [illegible].00 -[illegible] 1.38 1.86 117.7 980               13.21  9.84  8.44  6.74  5.28  3.93  3.76  2.52  0.85  0.85  0.43   0 0.000  0.0
3: 33.40 -12 3.20 4.52 61.2 1259                                 17.84 14.42 13.35 11.63  8.60  6.18  5.92  4.19  2.81  1.85  0.93   0 0.000  0.0
4: 17.[illegible] 36 13.34 1.24 88.5 1099                        42.21 34.14 29.99 28.12 26.03 25.13 11.57 16.38 12.68  9.06 13.45 255256.000 22.1
I
19650N 19650N 19700N 19600N 99999W  100  628. 1885. 3769. 6283.        2  7 13:50:23
1: 140.37 22 4.60 0.04 99.3 1195                                 16.14 14.02 11.91 10.58  8.88  7.62  6.39  5.29  4.36  3.55  2.81  73 0.500  1.3
2: [illegible] [illegible] 2.40 0.04 117.7 982                   14.18 12.02  9.39  8.82  6.95  5.96  4.73  3.68  2.57  1.86  1.76 199 0.000  7.9
3: [illegible].39 -12 5.12 0.21 61.2 1263                        20.89 18.62 14.94 14.26 11.54  9.73  7.79  6.41  4.78  3.47  3.08 146 0.003  5.5
4: [illegible] [illegible]8 12.79 0.20 90.9 1104                 46.96 42.09 34.98 31.47 25.42 21.10 18.46 14.97 12.15  9.69  7.95 215 0.125  1.9
I
19[illegible]0N 19700N 19750N 19650N 99999W  200  628. 1885. 3769. 6283.        2  7 13:56:33
1: 348.[illegible] -47 1.92 0.10 118.0 1093                      14.33 12.27 10.62  9.01  7.61  6.37  5.39  4.39  3.60  2.91  2.53  64 0.250  2.6
2: 153.07 [illegible] 4.75 0.03 60.7 1254                        17.80 15.17 13.08 11.30  9.46  7.78  6.70  5.54  4.44  3.82  3.13  80 0.250  2.7
3: [illegible] [illegible] 11.51 0.12 102.1 1116                 39.01 34.08 29.97 26.24 21.97 18.34 15.77 13.27 10.86  9.21  7.62 170 1.000  2.1
4: [illegible].75 -[illegible] 17.08 0.34 107.8 919              56.23 48.71 42.91 37.55 32.61 27.27 23.42 19.75 16.05 13.75 11.25 240 4.000  1.7
I
19750N 19750N 19800N 19700N 99999W  300  628. 1885. 3769. 6283.        2  7 14:01:53
1: 657.13 -21 4.79 0.10 60.7 1376                                17.58 15.22 13.25 11.38  9.67  8.08  6.67  5.56  4.50  3.67  2.94  84 0.125  0.5
2: 173.94 4 9.43 0.15 114.9 1093                                 32.90 28.48 25.04 21.56 18.42 15.55 13.05 10.86  8.93  7.23  5.90 145 0.500  0.
3: 77.39 23 14.83 0.23 120.3 973                                 49.47 43.18 38.25 33.13 28.36 24.16 20.39 16.93 14.10 11.43  9.52 213 1.000  0.
4: 98.76 21 17.73 0.30 61.5 1021                                 58.97 51.38 45.04 39.54 34.08 29.38 24.72 20.81 16.49 12.61 10.19 251 0.500  3.
I
19800N 19800N 19850N 19750N 99999W  300  628. 1885. 3769. 6283.        2  7 14:06:36
1: 521.93 12 7.31 0.05 112.7 1093                                24.66 21.79 19.12 16.54 14.27 12.09 10.15  8.33  6.96  5.74  4.54 111 1.000  0.
2: 151.20 15 12.01 0.24 119.0 950                                39.66 35.02 31.10 27.04 22.35 19.16 16.30 13.73 11.23  9.06  7.39 174 1.000  1.
3: 52.76 28 15.03 0.34 60.5 1040                                 48.10 42.99 37.83 33.01 28.30 24.18 20.51 17.26 14.24 11.67  9.41 211 2.000  0.
4: 55.23 [illegible] 16.08 1.70 142.9 738                        54.79 46.56 39.70 35.05 29.50 25.00 20.18 17.64 15.76 11.75 10.23 223 1.000  3.
I
19[illegible]0N 19850N 19900N 19800N 99999W  200  628. 1885. 3769. 6283.        2  7 14:11:53
1: 258.67 -37 7.01 0.12 699.1 813                                23.80 20.81 18.16 15.51 13.52 11.54  9.58  8.03  6.63  5.50  4.48 107 1.000  1.
2: 117.60 37 10.64 0.44 60.3 1108                                35.50 31.37 27.38 23.83 20.43 17.35 14.66 12.25 10.00  8.23  6.73 157 1.000  0.
3: 43.25 16 11.87 0.75 148.5 815                                 39.46 35.16 30.65 26.79 22.97 19.47 16.45 13.78 11.10  9.23  7.39 174 1.000  0.
4: 32.87 -14 12.98 1.90 159.4 1033                               43.65 38.39 33.05 28.93 24.60 21.12 17.80 14.72 12.29  9.61  7.52 191 0.500  1.
I
19900N [illegible] 19950N 19850N 99999W  150  628. 1885. 3769. 6283.        2  7 14:16:32
1: 233.[illegible] 15 6.[illegible] 0.12 61.2 971                22.90 20.05 17.66 15.25 13.05 11.07  9.30  7.58  6.36  5.18  4.21 104 0.500  0.
2: [illegible] [illegible] [illegible] 0.34 158.1 921            28.15 24.39 21.35 18.42 15.51 13.19 10.98  9.14  7.51  6.24  5.11 124 0.500  1.
3: [illegible] -3 [illegible] 0.01 171.2 1142                    31.44 27.34 24.12 20.91 17.48 14.93 12.72 10.84  8.87  7.32  6.12 139 2.000  1.
4: [illegible] [illegible] [illegible] 1.32 227.6 1210           40.53 31.93 26.70 23.36 18.52 15.96 13.60 11.32  9.15  7.44  6.49 191 0.031  4.
I
19[illegible]0N 19950N 20000N 19900N 99999W  250  628. 1885. 3769. 6283.        2  7 14:21:20
1: [illegible] [illegible] [illegible].71 0.07 152.1 685         15.15 13.64 12.10 10.62  8.91  7.78  6.40  5.39  4.47  3.56  2.90  72 1.000  1.
2: 15[illegible].09 [illegible] [illegible] 0.01 170.5 1184      21.33 18.06 15.56 13.11 11.18  9.22  7.70  6.43  5.36  4.45  3.71  94 0.250  3.
3: 91.05 14 [illegible].68 0.16 399.2 1373                       22.56 19.98 17.56 15.02 12.60 10.84  8.98  7.80  6.27  5.14  4.14 103 0.500  1.
4: [illegible] -34 [illegible] 0.17 358.0 1505                   25.78 22.95 19.90 17.12 14.84 12.22 10.22  8.38  7.01  5.83  5.15 115 1.000  3.
I
20000N 20000N 20050N 19950N 99999W  200  628. 1885. 3769. 6283.        2  9 14:27:12
1: 347.74 [illegible] [illegible] 0.30 170.9 1092                13.46 11.72 10.22  8.80  7.45  6.38  5.31  4.38  3.60  2.89  2.36  63 0.250  0.
2: [illegible] [illegible] [illegible] 0.82 366.0 1353           16.69 14.27 12.24 10.40  8.77  7.32  6.13  5.13  4.10  3.55  2.66  82 0.062  1.
3: [illegible] -[illegible] [illegible] 1.15 325.4 1503          19.31 16.95 14.75 12.57 10.72  9.04  7.62  6.29  5.07  4.13  3.18  89 0.250  0.
4: [illegible] [illegible] [illegible] [illegible] 10.7 2085     21.86 19.21 16.59 14.22 12.09 10.33  8.71  7.21  5.86  4.81  3.57 100 0.250  0.
I
[illegible]50N 20050N 20100N 20000N 99999W  200  628. 1885. 3769. 6283.        2  7 14:36:50
1: 219.46 5 5.32 0.25 352.6 590                                  10.28  9.66  8.70  7.85  7.03  6.08  4.61  4.15  3.19  2.23  2.19  52 1.000  7.
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[illegible] 1090                                   20.74 16.30 13.55 11.65  9.16  7.79  6.73  4.90  4.19  3.89  3.02 280 0.000  3.8
[illegible]                                        18.33 16.17 13.86 12.31 10.41  8.75  7.19  6.00  4.98  4.12  3.46  86 0.250  1.0
[illegible] 3.51 [illegible] 1476                  20.11 17.46 14.62 13.10 11.09  9.26  7.72  6.31  5.25  4.35  3.65  95 0.125  1.5

[illegible] 20150N 20050N 99999W 150  628. 1885. 3769. 6283.                           2  7 14:42:41
[illegible] 3.66 0.02 334.6 755                    13.86 11.09  9.07  8.84  6.29  5.94  4.56  4.07  3.44  3.42  2.46  58 2.000  9.4
[illegible] 3.10 11.0 1347                         15.48 13.31 11.89 10.02  8.73  7.46  6.35  5.48  4.70  3.92  3.31  76 8.000  3.1
[illegible] 0.12 13.8 1354                         16.95 14.63 13.31 11.24  9.79  8.43  7.17  6.29  5.51  4.66  3.91 101 64.000 3.5
[illegible]                                        20.42 17.45 16.02 13.40 11.80 10.28  8.84  7.87  6.82  5.85  4.97 143256.000 3.9
r
20150N 20150N 20200N 20100N 99999W 500  628. 1885. 3769. 6283.                         2  7 14:49:04
1: 1087.39 -5  3.55 0.00 10.8 1366                 12.64 10.99  9.62  8.28  7.04  5.93  4.95  4.10  3.36  2.73  2.20  59 0.250  0.4
2: 374.90 -23  3.57 0.01 15.3 1262                 13.27 11.43  9.90  8.48  7.18  6.02  5.01  4.12  3.36  2.71  2.18  63 0.125  0.6
3: 214.99  20  4.33 0.05 17.4 1621                 15.86 13.83 12.00 10.18  8.81  7.28  6.13  5.01  4.09  3.32  2.70  76 0.125  0.9
4: 140.51  -6  5.41 0.21 16.0 1766                 19.44 16.81 14.69 12.62 10.64  9.03  7.48  6.20  5.10  3.98  3.18  92 0.125  1.1
r
20200N 20200N 20250N 20150N 99999W 500  628. 1885. 3769. 6283.                         2  7 14:53:22
1: 569.89 -13  3.32 0.06 14.6  716                 11.80 10.21  8.98  7.68  6.48  5.55  4.64  3.82  3.14  2.56  2.10  53 0.500  1.1
2: 300.[illegible] 3.96 0.14 16.6 1132             14.47 12.51 10.99  9.31  7.78  6.62  5.56  4.58  3.75  3.03  2.44  69 0.125  1.0
3: 160.59  -1  4.95 0.23 16.3 1362                 17.50 15.22 13.54 11.49  9.59  8.32  6.95  5.71  4.70  3.81  3.09  82 0.250  1.6
4: 141.71 -12  5.56 0.35 24.7 1783                 20.04 17.30 15.36 12.85 10.67  9.19  7.78  6.43  5.27  4.27  3.48  91 0.250  1.5
r
[illegible] 20250N 20300N 20200N 99999W 500  628. 1885. 3769. 6283.                    2  8 14:57:18
1: 476.[illegible] 3  3.31 0.01 18.9  353          12.14 10.53  9.14  7.90  6.74  5.69  4.75  3.82  3.12  2.53  2.14  56 0.250  1.5
2: [illegible] 4.15 0.21 20.7 1144                 15.36 13.23 11.54  9.83  8.39  7.03  5.85  4.80  3.94  3.20  2.56  73 0.125  0.6
3: 203.53 [illegible] 4.76 0.31 29.1 1550          17.24 14.98 13.05 11.13  9.55  7.99  6.71  5.55  4.49  3.64  2.89  83 0.125  0.5
4: [illegible] 4.82 0.52 19.[illegible] 1154       18.34 15.73 13.75 11.62 10.00  8.41  6.91  5.62  4.60  3.70  2.99  86 0.125  0.9
r
[illegible] 20300N 20350N 20250N 99999W 500  628. 1885. 3769. 6283.                    2  7 15:01:41
1: 565.61  4  [illegible] 0.17 19.3 711            12.48 10.85  9.51  8.19  6.95  5.87  4.93  4.07  3.39  2.73  2.25  57 0.500  0.9
2: [illegible] 4.32 0.33 21.3 [illegible]          15.16 13.10 11.44  9.90  8.38  7.09  5.92  4.98  4.14  3.27  2.71  68 0.500  1.1
3: [illegible].27 -10  4.64 0.58 19.5 1759         15.93 13.75 12.02 10.38  8.77  7.38  6.25  5.23  4.44  3.46  2.93  72 0.500  1.7
4: [illegible] -5  6.15 0.79 [illegible] 1987      21.10 18.29 16.00 13.91 11.76  9.93  8.36  6.95  5.90  4.65  3.98  94 1.000  1.8
r
20350N 20350N 20400N 20300N 99999W 500  628. 1885. 3769. 6283.                         2  7 15:05:52
1: 586.66  -8  3.33 0.07 27.8  740                 13.52 11.79 10.31  8.91  7.59  6.41  5.35  4.43  3.61  2.99  2.45  62 0.500  0.9
2: 351.20  -5  4.20 0.28 20.4 1324                 14.83 12.75 11.06  9.43  8.01  6.84  5.73  4.77  4.00  3.31  2.74  67 0.500  2.7
3: 219.27   4  5.87 0.43  3.5 1653                 19.59 17.14 14.98 12.90 11.02  9.44  7.94  6.64  5.60  4.63  3.84  89 2.000  1.
4: [illegible] -4  5.98 0.72  2.2 1095             19.98 17.40 15.10 12.95 11.06  9.52  7.99  6.71  5.73  4.78  4.01  90 2.000  2.
r
20400N 20400N 20450N 20350N 99999W 500  628. 1885. 3769. 6283.                         2  7 15:09:44
1: 689.47  -8  3.55 0.12 19.9  367                 12.80 11.08  9.62  8.12  6.88  5.76  4.93  4.07  3.37  2.75  2.24  59 0.250  1.
2: 258.73   5  5.17 0.22  3.8 1322                 17.88 15.60 13.60 11.68  9.97  8.40  7.11  5.86  4.87  3.97  3.22  81 0.500  0.
3: 121.88  -9  5.07 0.42  2.4  919                 17.89 15.61 13.53 11.61  9.88  8.29  7.05  5.77  4.84  3.92  3.18  80 0.500  1.
4: 55.42  -35  6.11 0.63  2.5 1174                 21.31 18.67 16.15 13.86 11.83  9.95  8.52  6.97  5.89  4.78  3.89  96 0.500  1.
r
20450N 20450N 20500N 20400N 99999W 500  628. 1885. 3769.                               2  5 15:13:25
1: 36.15 [illegible] 4.30 0.05 3.4  938            14.68 12.93 11.36  9.84  8.42  7.09  5.96  4.94  4.07  3.31  2.66  68 0.500  0.
2: [illegible] -10 [illegible] 0.12 2.5  729       14.91 13.06 11.39  9.82  8.39  7.00  5.90  4.86  3.99  3.24  2.55  70 0.250  0.
3: 120.[illegible] -25 5.15 0.20 2.6  969          17.90 15.70 13.67 11.81 10.13  8.42  7.12  5.91  4.84  3.94  3.06  84 0.250  1.
r
20500N [illegible] 20550N 20450N 99999W 500  628. 1885.                                2  5 15:16:06
1: [illegible] 3.[illegible] 0.02 [illegible]  598 11.91 10.25  8.89  7.61  6.42  5.39  4.48  3.69  3.02  2.46  1.98  56 0.125  0.
2: [illegible] 4.6  303                            14.93 12.94 11.24  9.65  8.15  6.86  5.70  4.69  3.84  3.15  2.51  71 0.125  0.
r
[illegible] 20500N 99999W 500 628.                                                     2  5 15:18:58
1: [illegible] 0.98 2.6  996                       13.69 11.87 10.34  8.88  7.61  6.35  5.30  4.37  3.57  2.87  2.31  66 0.125  0.
r
---------------------------  SCINTREX  ---------------------------
              IPR-12 MULTI-CHANNEL TD-RECEIVER V1.5
Job #:        4635                  Date:       96/09/06
Operator:     JPH                   Serial #:   9211025
P-Line:       20400E                Units:      Metre
Array:        Pole-Dipole           Mx From:    690 ms  To:  1050 ms
------------------------------------------------------------------
  Stn    P1    P2    C1    C2  Curr   M1    M2    M3    M4    M5    M6    M7    M8 Timing Dur.    Time
```

D	Un	SD	Mx	SD	Ro	Rho	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	Mi	Tau	RMS
[illegible] 19400N 99999W						150	628.	1885.	3769.	6283.					2	7 16:16:18							
[illegible]	[illegible]	[illegible]	[illegible]	0.02	212.1	1509				18.14	15.84	13.87	11.91	10.19	8.59	7.19	5.92	4.86	3.95	3.21	[illegible]	0.250	0.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	944				16.20	13.46	11.19	9.11	7.84	6.85	5.81	4.83	3.92	3.14	2.55	72	0.125	3.9
[illegible]	[illegible]	[illegible]	5.99	[illegible]	49.6	1240				18.90	16.94	14.66	12.69	11.36	9.78	8.11	6.55	5.80	4.30	3.63	88	1.000	2.7
[illegible]	[illegible]	[illegible]	[illegible]	1.13	48.1	310				22.79	19.02	17.23	14.15	12.31	10.78	9.07	7.10	5.98	5.46	3.54	103	0.250	2.4
[illegible] 99999W						[illegible]	628.	1885.	3769.	6283.					2	7 16:22:56							
[illegible]	[illegible]	23	3.77	0.07	171.1	737				13.82	11.98	10.53	8.89	7.49	6.15	5.12	4.30	3.51	2.91	2.30	66	0.125	1.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37.0	1015				18.56	15.40	13.86	11.39	9.73	7.90	6.57	5.70	4.52	4.05	3.33	82	0.250	4.6
3:	[illegible]	[illegible]	[illegible]	[illegible]	48.0	794				20.55	17.38	15.87	13.08	11.37	9.38	7.62	6.68	5.70	5.09	4.33	93	4.000	5.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				25.10	20.84	19.62	15.52	13.12	9.68	8.70	7.60	5.40	5.63	4.21	239	0.000	4.5
[illegible] 19500N 99999W						150	628.	1885.	3769.	6283.					2	7 16:30:25							
[illegible]	[illegible]	-33	4.58	0.18	46.0	597				17.25	15.05	13.13	11.06	9.16	7.67	6.47	5.38	4.32	3.66	2.85	81	0.125	1.8
[illegible]	[illegible]	[illegible]	5.20	0.35	[illegible]	543				19.10	16.78	15.08	12.69	10.49	8.80	7.32	6.02	4.92	4.05	3.12	91	0.125	1.4
3:	[illegible]	[illegible]	6.06	0.51	57.7	788				22.12	19.56	17.93	14.91	12.34	10.28	8.53	7.04	5.73	4.75	3.63	113	0.062	1.
4:	[illegible]	[illegible]	6.67	0.83	162.2	927				27.46	23.57	20.30	16.84	13.50	11.41	9.41	7.88	6.29	5.21	3.85	150	0.015	2.
19600N 19600N 19650N 19550N 99999W						100	628.	1885.	3769.	6283.					2	7 16:35:25							
1:	73.88	57	4.16	0.31	47.5	464				14.68	13.05	11.76	9.69	8.67	7.08	5.98	4.90	3.96	3.30	2.79	68	0.500	1.9
2:	[illegible]	-44	5.29	0.62	57.8	715				19.43	17.33	15.86	12.59	11.72	9.27	7.68	6.11	5.05	4.35	3.79	89	0.500	4.
3:	23.25	[illegible]	8.95	1.09	160.5	877				22.68	19.64	16.92	13.97	12.92	7.24	7.09	6.82	11.19	4.97	4.76	114	32.000	28.
4:	[illegible]	-32	3.96	3.77	199.9	1261				23.12	21.20	21.81	13.66	15.81	14.20	12.82	10.01	-0.44	5.10	4.22	0	0.000	0.0
19600N 19600N 19650N 19550N 99999W						100	628.	1885.	3769.	6283.					2	5 16:37:08							
[illegible]	76.88	37	4.08	0.10	47.5	464				14.96	12.95	11.13	9.83	8.07	6.78	5.81	4.66	3.84	3.11	2.52	71	0.125	1.
[illegible]	[illegible]	-40	5.19	0.44	57.8	715				20.03	16.95	14.28	12.68	10.22	8.53	7.48	5.91	4.84	3.96	3.08	96	0.062	2.
3:	23.24	60	7.18	0.15	160.3	876				21.28	18.20	14.46	13.32	9.85	9.36	8.34	8.20	5.43	4.47	3.27	91	0.500	9.
[illegible]	20.09	[illegible]	6.55	0.91	199.1	1262				25.87	22.17	19.33	16.48	14.76	10.60	9.60	6.85	5.91	4.71	3.53	176	0.003	4.
[illegible] 19600N 99999W						500	628.	1885.	3769.	6283.					2	7 16:41:53							
[illegible]	[illegible]	[illegible]	3.80	3.16	57.2	806				14.05	12.15	10.55	8.99	7.63	6.40	5.33	4.36	3.60	2.91	2.36	67	0.125	0.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				17.08	14.77	12.86	10.91	9.19	7.78	6.59	5.40	4.46	3.62	2.96	78	0.250	1.
[illegible]	[illegible]	[illegible]	[illegible]	0.80	202.2	1222				19.19	16.69	14.59	12.45	10.67	8.99	7.41	6.02	5.10	4.08	3.38	88	0.250	1.
[illegible]	[illegible]	-67	[illegible]	1.04	76.5	1208				32.02	27.98	24.40	20.87	17.88	15.21	12.79	10.50	8.84	7.18	5.91	142	0.500	1.3
[illegible] 19650N 99999W						500	628.	1885.	3769.	6283.					2	7 16:46:58							
[illegible]	[illegible]	[illegible]	[illegible]	0.15	[illegible]	326				12.07	10.65	9.35	8.09	6.86	5.79	4.83	3.98	3.27	2.64	2.11	57	0.250	0.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1064				15.53	12.93	10.70	9.02	7.53	6.34	5.25	4.29	3.51	2.77	2.16	92	0.007	2.
3:	[illegible]	[illegible]	7.09	0.57	76.4	1118				25.49	22.45	19.53	16.85	14.28	12.20	10.24	8.42	6.99	5.65	4.48	114	0.500	0.
4:	59.65	-13	[illegible]	1.09	31.2	624				63.21	55.77	48.70	42.45	36.30	31.12	26.33	22.07	18.30	14.92	11.95	265	1.000	1.
19750N 19750N 19800N 19700N 99999W						200	628.	1885.	3769.	6283.					2	7 16:51:46							
1:	278.52	-47	2.53	0.16	198.1	875				10.23	8.73	7.40	6.19	5.31	4.46	3.68	2.97	2.41	1.89	1.54	53	0.031	1.
2:	[illegible]	-29	5.86	0.15	73.6	994				20.52	17.62	15.21	13.33	11.19	9.23	7.87	6.67	5.50	4.57	3.86	90	1.000	2.
3:	[illegible]	-5	17.42	0.92	34.2	591				56.65	49.97	44.33	37.83	33.17	28.26	23.93	19.92	16.71	13.74	11.47	242	2.000	[illegible]
[illegible]	[illegible]	-5	23.50	1.68	70.7	587				77.66	67.18	59.31	50.02	43.83	37.71	31.50	26.91	22.54	18.77	15.66	312	4.000	[illegible]
[illegible] 19750N 99999W						100	628.	1885.	3769.	6283.					2	5 17:00:09							
[illegible]	[illegible]	[illegible]	4.90	0.24	75.0	511				17.19	14.56	12.95	11.07	9.05	7.76	6.54	5.34	4.55	3.82	3.09	76	0.500	2.
[illegible]	[illegible]	[illegible]	16.83	[illegible]	33.0	408				53.71	47.03	41.78	36.31	30.51	26.40	22.39	18.55	15.53	13.12	10.72	229	2.000	1.
[illegible]	[illegible]	[illegible]	22.92	0.84	69.3	455				72.50	63.62	58.05	49.52	41.36	36.24	31.11	25.92	21.68	18.54	15.24	304	4.000	2.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.0	516				74.16	64.43	56.42	49.47	42.02	35.79	29.94	24.81	21.12	18.29	14.05	299	2.000	2.
[illegible] 19800N 99999W						[illegible]	628.	1885.	3769.	6283.					2	7 17:04:50							
[illegible]	[illegible]	[illegible]	1.29	0.03	[illegible]	560				36.76	32.56	28.87	25.11	21.57	18.33	15.46	12.88	10.70	8.80	7.24	164	2.000	0.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				62.35	55.55	49.25	43.15	36.94	31.58	26.82	22.27	18.59	15.16	12.63	266	2.000	0.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.9	656				66.39	59.26	53.06	46.02	39.97	34.50	29.21	24.23	19.39	16.19	13.96	284	4.000	1.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				71.09	62.91	55.23	47.98	35.95	31.45	25.42	23.52	18.10	17.06	12.63	287	0.500	6.
[illegible] 19850N 99999W						[illegible]	628.	1885.	3769.	6283.					2	7 17:09:02							
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				29.21	25.39	22.14	19.06	16.39	13.90	11.70	9.78	8.12	6.70	5.50	129	1.000	1.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				50.57	44.49	39.22	34.13	29.41	25.02	20.93	17.61	14.66	12.02	9.92	217	2.000	0.
3:	46.15	[illegible]	15.21	0.24	255.6	670				49.09	43.28	38.05	32.88	29.02	24.44	19.72	17.41	14.45	11.97	9.67	213	2.000	1.

[illegible]	26.09	[illegible]	16.22	0.26	292.1	792					52.43	45.59	38.90	34.59	29.50	24.94	21.17	17.43	14.32	11.82	10.24	220	1.000	2.2
[illegible] 19950N 20000N 19900N 99999W						100	628.	1885.	3769.	6283.						2	5 17:13:09							
1:	[illegible]	-7	7.67	0.21	70.0	839					25.99	22.89	20.15	17.44	14.78	12.42	10.47	8.77	7.14	6.10	4.16	121	0.250	[illegible]
[illegible]	[illegible]	10	1.10	0.03	266.2	1101					26.89	23.47	20.52	17.79	15.25	12.92	10.98	9.21	7.71	6.39	5.21	120	2.000	1.
3:	[illegible]	-3	9.46	0.39	297.7	1039					29.32	25.71	22.76	19.84	16.93	14.48	12.19	10.72	9.00	7.25	6.17	140	8.000	2.
[illegible]	[illegible]	[illegible]	10.11	0.27	64.2	1086					34.18	30.10	26.59	23.07	19.86	16.72	13.94	11.54	9.69	8.15	6.55	152	1.000	1.
[illegible] 20050N 19950N 99999W						100	628.	1885.	3769.	6283.						2	5 17:17:22							
[illegible]	[illegible]	33	2.46	0.21	249.5	1279					11.82	10.61	9.53	8.18	7.09	5.89	5.02	4.11	3.27	2.71	2.19	56	0.500	1.
[illegible]	[illegible]	[illegible]	4.22	0.35	282.3	1346					18.75	15.22	12.53	10.31	8.95	7.48	6.11	4.94	3.97	3.30	2.67	108	0.007	3.
3:	32.76	-23	5.05	0.41	64.6	1461					18.26	16.48	14.33	11.83	10.43	8.52	7.30	5.97	4.80	3.67	3.10	89	0.125	2.4
[illegible]	[illegible]	32	[illegible]	0.35	18.2	1568					20.58	18.69	16.32	13.27	11.95	9.56	8.14	6.67	5.29	4.04	3.48	100	0.125	2.0
[illegible] 20050N 20100N 20000N 99999W						200	628.	1885.	3769.	6283.						2	7 17:21:31							
1:	[illegible]	[illegible]	3.28	0.25	282.3	913					10.93	9.26	8.07	7.28	6.45	5.59	4.47	3.74	3.13	2.55	1.85	50	1.000	3.
[illegible]	[illegible]	-36	4.29	0.26	64.1	1260					16.16	13.75	11.77	9.90	8.50	7.05	5.93	4.94	4.06	3.30	2.66	75	0.125	1.
[illegible]	[illegible]	33	5.21	0.86	18.8	1493					18.10	15.72	13.50	11.62	10.06	8.47	7.12	5.95	4.92	3.94	3.22	81	0.500	1.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1567					21.26	18.21	16.00	13.18	11.23	9.54	7.76	6.64	5.33	4.54	3.67	95	0.250	2.
[illegible] 20150N 20050N 99999W						150	628.	1885.	3769.	6283.						2	7 17:27:51							
[illegible]	[illegible]	[illegible]	3.92	0.11	63.0	505					13.73	12.18	10.67	9.01	7.82	6.51	5.39	4.49	3.72	3.05	2.42	65	0.250	0.
[illegible]	[illegible]	31	4.81	0.18	18.8	864					16.57	14.84	13.00	10.82	9.48	7.92	6.64	5.48	4.57	3.72	2.95	76	0.500	1.
3:	[illegible]	-11	5.50	0.33	14.9	1069					19.11	17.34	15.34	12.60	11.12	9.12	7.56	6.33	5.25	4.18	3.32	90	0.250	1.
4:	[illegible]	[illegible]	6.77	0.22	[illegible]	1307					22.41	20.36	17.79	14.59	12.81	10.94	9.20	7.57	6.54	5.16	4.16	102	1.000	2.
20150N 20150N 20200N 20100N 99999W						100	628.	1885.	3769.	6283.						2	7 17:33:53							
1:	107.96	27	3.21	0.15	18.7	678					12.00	10.31	8.87	7.75	6.50	5.43	4.49	3.70	3.03	2.44	1.96	57	0.125	0.
2:	[illegible]	-7	3.97	0.31	15.6	1007					15.24	13.10	11.09	9.77	8.16	6.79	5.58	4.58	3.78	3.03	2.44	75	0.062	1
3:	35.35	5	4.73	0.42	32.8	1352					17.87	15.52	13.26	11.63	9.89	8.00	6.71	5.48	4.53	3.59	2.91	89	0.062	1.
4:	[illegible]	5	5.71	0.78	[illegible]	1550					22.12	18.94	15.29	13.67	11.31	9.54	7.89	6.41	5.39	4.34	3.53	105	0.062	2.
20200N 20700N 20250N 20150N 99999W						300	628.	1885.	3769.	6283.						2	7 17:38:21							
[illegible]	[illegible]	[illegible]	3.41	0.06	16.1	644					12.44	10.84	9.47	8.10	6.83	5.77	4.81	3.96	3.19	2.60	2.09	60	0.125	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1043					15.42	13.41	11.67	10.00	8.43	7.18	5.99	4.93	4.04	3.29	2.57	71	0.250	1.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.7	1328					17.81	15.59	13.60	11.75	9.96	8.55	7.14	5.88	4.77	3.94	3.17	81	0.500	0.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2133					19.91	17.59	15.39	13.29	11.07	9.56	8.00	6.60	5.48	4.44	3.40	93	0.250	1.
[illegible] 99999W						500	628.	1885.	3769.	6283.						2	5 17:42:12							
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	678					13.48	11.74	10.34	8.90	7.59	6.37	5.35	4.40	3.60	2.98	2.39	61	0.500	0.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	68.7	987					16.76	14.36	12.51	10.71	9.09	7.65	6.43	5.30	4.33	3.60	2.90	76	0.250	1.
[illegible]	[illegible]	[illegible]	5.37	[illegible]	52.0	1743					18.59	16.23	14.34	12.24	10.45	8.88	7.53	6.21	5.09	4.23	3.41	85	0.500	1.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1726					20.43	17.56	15.38	13.21	11.24	9.35	7.89	6.50	5.32	4.52	3.64	91	0.500	1.
[illegible] 20250N 99999W						500	628.	1885.	3769	6283.						2	5 17:46:29							
[illegible]	[illegible]	[illegible]	[illegible]	0.01	53.0	556					13.67	12.01	10.50	9.09	7.71	6.54	5.48	4.54	3.74	2.98	2.39	65	0.250	0.
[illegible]	[illegible]	[illegible]	4.74	[illegible]	45.3	1373					17.25	14.77	12.74	11.03	9.31	7.88	6.62	5.43	4.51	3.72	2.97	78	0.250	1.
3:	[illegible]	[illegible]	4.35	0.07	8.2	1482					18.44	15.98	13.72	11.90	9.97	8.38	6.97	5.69	4.70	3.78	3.01	87	0.125	0
4:	[illegible]	-20	[illegible]	[illegible]	[illegible]	1673					20.76	17.97	15.41	13.40	11.21	9.48	7.93	6.49	5.39	4.32	3.43	98	0.125	0
20350N 20250N 20400N 20300N 99999W						150	628.	1885.	3769.	6283.						2	9 17:49:53							
1:	[illegible]	-35	4.27	0.53	48.4	787					14.87	13.00	11.39	9.66	8.34	7.03	5.94	4.86	4.08	3.28	2.69	68	0.500	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1069					17.29	14.85	12.65	10.87	9.29	7.77	6.40	5.25	4.31	3.44	2.76	85	0.062	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1331					19.54	16.91	14.43	12.51	10.72	8.98	7.40	6.07	5.04	4.00	3.19	92	0.125	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1411					23.06	19.91	16.84	14.64	12.59	10.50	8.66	7.05	5.87	4.60	3.76	113	0.062	1
[illegible] 20400N 20300N 99999W						150	628.	1885.	3769.	6283.						2	5 17:51:29							
[illegible]	[illegible]	[illegible]	[illegible]	0.05	13.2	787					15.02	12.98	11.40	10.02	8.54	7.14	6.13	5.03	4.28	3.33	3.03	69	2.000	2.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1069					17.45	15.00	12.83	11.26	9.40	8.04	6.74	5.45	4.57	3.72	3.25	77	0.500	2.
[illegible]	[illegible]	[illegible]	5.67	[illegible]	4.3	1332					19.92	17.11	14.63	13.03	10.86	9.37	7.85	6.38	5.39	4.39	3.99	88	1.000	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1411					23.42	20.35	17.33	15.39	12.79	10.97	9.32	7.54	6.61	5.24	4.91	104	2.000	4.
[illegible]						100	628.	1885.	3769.	6283.						2	7 17:55:07							
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					15.03	12.82	11.33	9.38	8.08	6.78	5.61	4.67	3.82	3.11	2.51	71	0.125	1.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					17.25	14.89	12.50	11.21	9.58	8.08	6.93	5.54	4.54	3.75	3.03	80	0.250	1.
3:	30.60	[illegible]	5.34	[illegible]	3.3	1157					20.91	17.75	16.24	13.37	11.45	9.65	8.36	6.68	5.50	4.51	3.63	96	0.250	1

[illegible]	[illegible]	-12	6.14	[illegible]	2.1	1224				21.38	18.25	17.22	13.60	11.85	9.98	8.69	7.09	5.80	4.76	3.89	96	0.500	2.59
[illegible]	[illegible]	[illegible]	20430N	99999N		500	628.	1885.	3769.						2	5 17:58:52							
[illegible]	[illegible]	-20	[illegible]	0.00	[illegible]	752				14.58	12.70	11.17	9.59	8.18	6.87	5.75	4.76	3.90	3.20	2.56	68	0.250	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1024				18.99	16.50	14.47	12.35	10.51	8.72	7.26	6.00	4.91	3.97	3.19	91	0.125	[illegible]
[illegible]	[illegible]	-12	[illegible]	[illegible]	2.1	1248				20.04	17.45	15.34	13.11	11.14	9.28	7.74	6.40	5.23	4.29	3.41	92	0.250	[illegible]
[illegible]	95600N	[illegible]	20450N	99999N		500	628.	1885.							2	5 18:01:45							
[illegible]	[illegible]	-10	[illegible]	0.00	3.6	577				16.46	14.23	12.36	10.54	8.92	7.42	6.21	5.09	4.14	3.37	2.71	78	0.125	[illegible]
[illegible]	[illegible]	-12	[illegible]	0.00	[illegible]	891				18.24	15.77	13.71	11.69	9.90	8.21	6.94	5.67	4.61	3.79	3.05	86	0.125	[illegible]
[illegible]	20550N	20600N	20500N	99999N		500	628.								2	5 18:04:17							
[illegible]	[illegible]	[illegible]	[illegible]	0.21	2.1	512				15.63	13.55	11.78	10.13	8.53	7.15	5.91	4.82	3.89	3.07	2.42	84	0.031	[illegible]

96350102.ARC

```
---------------------------  [illegible]  ----------------------------
           [illegible]
Job #:         9635                       Date:      96/09/07
Operator:      JPH                        Serial #:  9211025
P-Line:        10300E                     Units:         Metre
Array:   Pole-Dipole                      Mx From:   675 ms  To:  855 m
---------------------------------------------------------------------------
  STN     P1     P2     C1    C2  curr    K1     K2     K3     K4     K5     K6     K7     K8 Timing Dur.    Time
 #:       Vp    SP     Mx  S.D.    Rc   Rho    M1     M2     M3     M4     M5     M6     M7     M8     M9    M10    M11    M12    M13    M14  Mi   Tau
*
19450N 19450N 19500N 19400N 99999W   500   628.  1885.  3769.  6283.                                    1     7 07:42:33
 1:  807.25-1198  30.25  0.009999.0  1014                              30.26  30.39  30.29  30.28  30.27  30.26  30.26  30.26  30.26  30.25    0  0.009
 2: -806.88 1199  30.29  0.029999.0  3042                              30.31  30.44  30.31  30.32  30.30  30.30  30.31  30.30  30.30  30.29    0  0.000
 3:  807.32-1197  30.29  0.009999.0  6087                              30.30  30.41  30.30  30.30  30.30  30.33  30.28  30.30  30.28  30.29    0  0.000
 4:  807.06 1198  30.29  0.029999.0 10142                              30.31  30.45  30.31  30.28  30.31  30.31  30.30  30.30  30.29  30.28    0  0.000
*
--------------------------  S C I N T R E X  ----------------------------
              IPR-12 MULTI-CHANNEL IP-RECEIVER V1.5
Job #:         9635                       Date:      96/09/07
Operator:      JPH                        Serial #:  9211025
P-Line:        10300E                     Units:         Metre
Array:   Pole-Dipole                      Mx From:   690 ms  To:  1050 m
---------------------------------------------------------------------------
  STN     P1     P2     C1    C2  curr    K1     K2     K3     K4     K5     K6     K7     K8 Timing Dur.    Time
 #:       Vp    SP     Mx  S.D.    Rc   Rho    M1     M2     M3     M4     M5     M6     M7     M8     M9    M10    M11    M12    M13    M14  Mi   Tau
*
19450N 19450N 19500N 19400N 99999W   500   628.  1885.  3769.  6283.                                    2     5 08:49:46
 1:  657.95  -33   3.12  0.09 202.0   827                       11.91  10.16   8.66   7.44   6.17   5.21   4.27   3.61   2.94   2.31   1.88   58  0.062  1.
 2:  300.86   28   3.35  0.04 143.6  1134                       13.29  11.23   9.33   8.16   6.75   5.71   4.71   3.88   3.17   2.50   2.08   64  0.062
 3:  175.07   10   4.01  0.04 133.5  1320                       15.55  13.33  11.22   9.84   8.20   6.75   5.67   4.66   3.79   2.91   2.55   76  0.062  2.
 4:   85.91  -35   5.35  0.06  86.3  1080                       22.68  18.60  14.82  12.98  10.72   9.06   7.44   6.17   5.11   4.01   3.37  109  0.031  3.
*
19500N 19500N 19550N 19450N 99999W   500   628.  1885.  3769.  6283.                                    2     5 08:54:43
 1:  671.79   40   2.58  0.03 331.2   844                        8.18   7.52   6.94   6.17   5.23   4.39   3.69   3.07   2.38   1.94   1.57   41  0.500  3.
 2:  352.16   12   3.62  0.00 321.6  1328                       17.78  13.71  11.25   9.25   7.47   6.18   5.12   4.31   3.43   2.78   2.25  153  0.000
 3:  139.52  -38   4.55  0.05  90.5  1052                       17.43  14.77  13.05  11.34   9.36   7.84   6.58   5.38   4.23   3.34   2.80   86  0.062
 4:   75.39    2   7.69  0.02 182.3   947                       32.82  26.30  22.27  18.63  15.50  12.78  10.83   9.01   7.22   6.00   4.78  170  0.015
*
19550N 19550N 19600N 19500N 99999W   150   628.  1885.  3769.  6283.                                    2     7 09:02:38
 1:  184.94  -84   2.36  0.08 386.6   775                        8.62   7.89   6.85   5.91   5.19   4.23   3.56   2.86   2.22   1.81   1.36   46  0.062  3
 2:   88.02   53   3.67  0.17 304.2  1116                       17.73  14.80  11.70   9.61   8.21   6.65   5.51   4.48   3.44   2.77   2.15  243  0.000  2.
 3:   [illegible]  14   6.42  0.45 228.8   881                  24.79  22.77  19.42  16.37  14.52  12.20   9.67   7.92   6.06   5.48   4.36  120  0.125  3
 4:   [illegible]  -0  10.06  0.04 235.7  1113                  34.26  31.02  24.89  21.62  18.74  14.79  13.59  11.24   9.70   6.98   5.07  158  0.125  5.
*
19600N [illegible] 19650N 19550N 99999W   300   628.  1885.  3769.  6283.                             2     7 09:07:57
 1:  270.7[illegible]  -18   3.14  0.18 100.3   567              11.87  10.38   9.13   7.71   6.52   5.44   4.48   3.66   2.97   2.43   2.00   57  0.125  1.
 [illegible]          6.42  0.48 291.6   697                     23.80  20.57  17.83  14.95  12.74  10.75   8.89   7.37   6.00   4.88   3.96  111  0.125
 [illegible]          9.22  0.48 288.0   955                     32.51  28.98  26.08  22.69  18.62  15.88  12.89  10.70   3.74   7.45   6.06  147  0.500
 4:  [illegible]  -22   9.52  0.89 101.8   990                   31.00  27.21  22.57  19.68  16.78  14.43  13.26  11.32   8.94   6.46   5.68  135  1.000
*
19650N 19650N 19700N 19600N 99999W   200   628.  1885.  3769.  6283.                                    2     5 09:15:18
 1:  202.36   38   4.34  0.13 278.1   636                       15.56  13.77  12.38  10.60   9.07   7.51   6.29   5.22   4.03   3.43   2.69   74  0.250
 2:   93.66  -19   8.83  0.21 262.7   883                       33.37  28.14  24.75  20.10  17.60  14.58  12.78  10.07   8.33   6.85   5.18  150  0.125  1.
 3:   49.59  [illegible]  8.71  0.42  88.0   933                30.26  26.40  23.61  19.60  17.32  14.33  13.07  10.27   7.93   6.88   5.50  136  0.500
 4:   30.65    7   7.48  0.28  33.4  1276                       27.24  23.50  21.21  17.00  15.16  12.14  11.09   8.92   6.84   5.94   4.56  123  0.250
*
[illegible] [illegible] 19750N 19650N 99999W   150   628.  1885.  3769.  6283.                          2     7 09:21:01
 1:  [illegible]  -76   6.30  0.08 281.4   716                  21.80  18.86  16.59  14.40  12.21  10.30   8.67   7.25   6.00   4.39   4.05  [illegible]  1.000
 2:  [illegible]                                                31.23  26.46  22.84  20.18  17.25  14.54  12.25  10.21   8.61   6.78   5.76  [illegible]  [illegible]
 3:   33.14  [illegible]  8.30  0.23  40.0  1034                28.08  23.42  20.33  18.53  15.89  13.23  11.33   9.23   [illegible]  [illegible]  [illegible]  [illegible]  [illegible]
 4:  [illegible]                                                [illegible]  44.54  38.25  34.45  29.75  24.78  21.46  18.59  15.31  11.66  10.59  [illegible]  [illegible]
*
19750N 19750N 19800N 19700N 99999W   150   [illegible]  1885.  3769.  6283.                             2     7 09:26:23
```

```
1: 162.27 -75  5.79 0.07 188.6  690             19.22 16.99 14.94 12.95 11.01  9.55  7.90  6.62  5.49  4.44  3.62  99 1.000  0.6
[illegible]                                      26.18 22.47 18.97 16.55 14.11 12.17 10.05  8.42  6.96  5.75  4.68 114 0.500
[illegible]                                      49.06 43.41 37.73 33.22 28.77 24.90 20.70 17.60 14.51 12.11  9.84 215 4.000  1.0
4: 13.21  26 22.33 0.53  86.6  553              88.76 78.58 67.32 58.33 50.86 45.06 36.92 31.53 26.35 21.61 17.79 352 4.000

19800N 19800N 19850N 19750N 99999W 100 628. 1885. 3769. 6283.                                2  7 09:34:04
1: [illegible] 3.92 0.07 164.2  735             14.12 12.14 10.40  9.19  7.44  6.42  5.52  4.51  3.67  3.03  2.54  63 0.500
2: [illegible] 10.13 0.10  62.4  379            35.08 30.94 26.82 23.63 19.62 16.53 14.17 11.77  9.53  7.89  6.65 156 0.500
3: [illegible] 25.99 0.28  87.7  518            91.24 72.98 63.69 57.15 47.89 41.33 34.79 29.94 24.34 19.99 16.73 334 4.000
4: [illegible] -2 22.36 1.38 114.7  494          76.35 67.93 58.52 51.63 42.93 37.26 32.74 25.78 20.93 18.02 14.96 311 1.000  2.3

19850N 19850N 19900N 19800N 99999W 200 628. 1885. 3769. 6283.                                2  7 09:38:44
1: 167.57  -1  8.58 0.07  31.1  526             28.94 25.38 22.53 19.45 16.64 14.16 11.96  9.84  8.13  6.69  5.48 130 1.000
2: 50.17   21 23.80 0.11  88.5  473             75.95 66.93 59.83 51.68 44.71 38.26 32.66 27.29 22.62 18.62 15.36 314 4.000
3: 24.54  -13 23.85 0.16 116.5  463             76.68 67.19 60.05 52.02 45.14 38.64 32.79 27.70 22.79 18.74 15.60 316 4.000
4: 16.04   43 21.71 0.49  79.0  504             72.63 63.17 57.01 47.53 41.24 35.50 30.88 24.84 20.56 16.60 14.03 298 1.000

19900N 19900N 19950N 19850N 99999W 400 628. 1885. 3769. 6283.                                2  5 09:42:31
1: 313.14  13 18.14 0.02  89.3  492             57.22 50.88 45.06 39.43 33.99 29.08 24.60 20.62 17.21 14.22 11.70 249 4.000
2: 101.11  -1 22.78 0.16 117.7  476             72.78 64.23 56.44 49.41 42.56 36.36 30.91 25.87 21.63 17.80 14.67 302 4.000
3: [illegible] 11 22.00 0.24  80.9  518         69.86 61.82 54.04 47.60 41.01 35.34 29.82 25.06 20.82 17.16 14.04 293 4.000
4: [illegible] 20.91 0.39  52.4  489            65.70 57.68 50.74 45.11 37.67 32.70 27.83 23.33 20.08 16.69 13.98 284 8.000

19950N 19950N 20000N 19900N 99999W 500 628. 1885. 3769. 6283.                                2  7 09:54:26
1: [illegible] 9.89 0.02 116.6  723             32.14 28.43 25.16 21.83 18.79 16.04 13.52 11.30  9.37  7.73  6.34 145 2.000
2: 178.74  37 12.92 0.04  81.4  749             42.48 37.50 33.01 28.57 24.60 20.98 17.63 14.79 12.25 10.07  8.25 186 2.000
3: 84.02   -5 14.06 0.09  54.6  633             45.59 40.62 35.91 31.03 26.82 22.91 19.17 16.13 13.32 10.98  9.03 200 2.000
4: [illegible] 13 14.53 0.73 956.3  706        103.47 70.97 50.76 37.31 30.39 24.71 18.22 17.03 13.43 10.79  8.96 941 0.000  16.

20000N 20000N 20050N 19950N 99999W 300 628. 1885. 3769. 6283.                                2  7 09:59:47
1: [illegible] 31  6.06 0.08  83.9  854          20.32 17.90 15.66 13.54 11.66  9.88  8.31  6.93  5.75  4.72  3.88  93 1.000  0.
2: [illegible]  7.52 0.17  55.9  828            25.40 22.23 19.27 16.61 14.29 12.15 10.22  8.55  7.15  5.88  4.88 113 1.000  1.
3: 80.55   28  8.25 0.66 867.7 1012             30.07 26.43 22.46 19.79 16.10 13.49 11.74  9.53  7.65  6.98  5.52 132 0.500  3.
4: 53.23  -45  9.88 1.16 864.5 1115             28.28 26.61 22.82 19.93 17.32 15.77 12.56 10.12  9.12  7.03  5.92 137 4.000

20050N 20050N 20100N 20000N 99999W 100 628. 1885. 3769. 6283.                                2  7 10:06:47
1: [illegible] -8  4.18 0.08  56.1  745          14.88 13.19 11.30  9.77  8.41  7.04  5.81  4.87  3.92  3.27  2.66  70 0.250
2: 59.34   45  5.01 0.101077.2 1119             17.77 15.68 13.94 11.70 10.10  8.59  6.91  5.98  4.52  3.76  3.16  83 0.250
3: 36.14  -58  6.27 0.621073.4 1366             21.35 19.42 16.45 14.53 12.27 10.34  8.40  7.40  5.80  5.42  3.89  97 1.000  3.
4: 21.53   11  7.06 0.24  22.2 1353             24.39 22.72 19.04 17.36 14.97 11.92 10.04  8.51  6.48  5.80  4.58 114 0.500

20100N 20100N 20150N 20050N 99999W 150 628. 1885. 3769. 6283.                                2  7 10:11:01
1: [illegible] 43  3.75 0.09 834.0 1051           8.28  9.24  9.51  8.65  7.49  6.40  5.51  4.34  3.74  3.02  2.55  93 12.000
2: [illegible] -51  5.40 0.23 826.2 1309         33.91 24.04 17.98 13.65 11.45  9.11  7.53  6.57  5.13  4.14  3.16 [illegible]
3: 53.17    2  5.94 0.21  22.0 1336             20.59 18.06 16.19 13.73 11.75  9.71  8.31  6.93  5.56  4.51  3.68  97 0.250
4: [illegible] 6  5.60 0.71  37.8 1215           23.36 20.09 17.29 14.23 12.51 10.13  8.95  7.05  4.66  4.76  3.65 120 0.031

20150N 20150N 20200N 20100N 99999W 200 628. 1885. 3769. 6283.                                2  7 10:16:12
1: [illegible] -56  4.04 1.32 906.4  698         10.61  9.56  4.33  5.60  5.57  5.58  5.62  5.27  3.42  1.80  1.77   0 0.000  0.
2: [illegible]  5.04 0.09  22.8 1088            18.01 15.55 13.63 11.65  9.89  8.40  7.00  5.81  4.72  3.89  3.16  83 0.250
3: [illegible] 0.22  37.8 1101                  19.01 16.45 14.42 12.42 10.43  8.95  7.43  6.20  4.97  4.20  3.39  85 0.500
4: [illegible]                                   24.73 20.33 17.12 14.61 12.08 10.28  8.77  7.30  5.81  4.84  3.98 109 0.125

[illegible] 20150N 99999W 50 628. 1885. 3769. 6283.                                          2  7 10:20:40
1: [illegible] 13  4.29 0.12  22.5  680          17.01 14.72 12.57 10.81  9.14  7.75  6.39  4.93  4.26  3.53  2.87  70 0.125
2: [illegible]  4.50 0.02  37.4  870            18.36 15.95 13.56 11.75  9.86  8.51  6.86  5.06  4.59  3.85  3.16  86 0.125  1.
3: [illegible]  5.90 0.92 134.2 1280            20.90 18.09 14.83 13.73 12.06 10.43  8.26  6.58  4.97  4.57  5.21  95 4.000  11
4: [illegible] -51  5.95 0.95 107.1 1650         21.84 19.77 16.06 14.54 11.89  9.12  8.24  7.17  6.39  6.09  0.65  99 4.000

20250N 20250N 20300N 20200N 99999W 300 628. 1885. 3769. 6283.                                2  7 10:24:45
1: 265.99   0  4.22 0.03  42.3  557             15.13 13.29 11.68  9.92  8.49  7.15  5.94  4.87  4.00  3.23  2.61  70 0.250
2: 157.82  50  5.02 0.06 135.3  990             18.36 15.91 13.91 11.65  9.99  8.37  6.94  5.76  4.78  3.96  3.08  87 0.125
3: 112.01 -62  5.73 0.05 108.0 1408             18.32 16.58 14.64 12.16 10.55  8.80  7.27  6.00  5.02  4.08  3.27  87 0.250
4: [illegible] 6.08 [illegible] 1487            22.08 19.36 17.14 14.13 12.36 10.25  8.43  6.97  5.82  4.78  3.82 104 0.250

20300N 20300N 20350N 20250N 99999W 500 628. 1885. 3769. 6283.                                2  5 10:30:08
```

```
1: 497.15  57  4.79 0.00 154.5  612                        16.29 14.34 12.77 11.16  9.53  8.00  6.68  5.53  4.51  3.66  2.96  76 0.500
2: 280.95 -59  4.99 0.00 118.3 1059                        19.85 16.60 14.23 11.85  9.98  8.42  7.02  5.73  [illegible] 3.81 3.09 [illegible] 0.062
[illegible]              [illegible]  4.5 1393                        21.13 18.20 16.00 13.64 11.60  9.70  8.09  6.70  5.34  [illegible] 3.59 100 0.125
3: 222.18  [illegible]  5.95 0.07   5.0 1535                        22.38 19.14 16.74 14.18 12.05 10.07  8.37  6.90  5.62  4.51  3.69 104 0.125

[illegible] 20350N 20400N 20300N 99999W   500  628. 1885. 3769. 6283.                                2   5 10:34:06
   [illegible]  -65  4.65 0.02 142.6  612                        16.72 14.49 12.53 10.83  9.13  7.72  6.48  5.36  4.41  3.58  2.78  77 0.250
   [illegible]       5.68 0.12   5.0  998                        20.26 17.25 15.14 12.93 10.91  9.21  7.66  6.36  5.17  4.24  3.47  91 0.250
   [illegible]       5.67 0.19   5.0 1227                        21.34 18.02 15.86 13.51 11.35  9.57  7.97  6.60  5.35  4.38  3.61  99 0.125
   [illegible]                                               22.93 19.08 16.76 14.20 11.95 10.08  8.40  7.00  5.65  4.64  3.89 105 0.125

20400N 20400N 20450N 20350N 99999W    50  628. 1885. 3769. 6283.                                2   9 10:37:57
    50.24  -4  5.15 0.29   5.9  631                        19.23 16.81 14.26 12.17 10.30  8.69  7.16  5.95  4.90  [illegible] 3.15 [illegible] 0.125
   [illegible]       5.28 0.43   5.8  969                        20.45 19.10 14.87 12.67 10.87  8.99  7.21  6.14  4.76  4.11  3.31  99 0.062
   [illegible] -22  5.65 0.75   9.1  940                        21.83 19.42 15.79 13.42 11.46  9.70  7.76  6.61  5.14  4.41  3.52 114 0.031
   [illegible]       5.67 0.61  14.2 1237                        25.67 22.30 18.65 15.55 13.46 11.60  9.29  7.73  6.23  5.64  4.92 110 0.500
X
20450N 20450N 20500N 20400N 99999W   500  628. 1885. 3769.                                      2   5 10:42:08
1: 489.40   0  4.57 0.00   5.7  615                        16.66 14.43 12.61 10.79  9.16  7.68  6.39  5.29  4.33  3.50  2.81  80 0.125
2: 200.47 -22  5.12 0.00   9.0  756                        18.58 16.15 14.07 11.97 10.26  8.57  7.17  5.91  4.77  3.93  3.16  85 0.250
3: 154.40   6  6.17 0.04  14.0 1164                        22.22 19.31 16.85 14.26 12.23 10.27  8.59  7.10  5.84  4.73  3.81 101 0.250
X
20500N 20500N 20550N 20450N 99999W   200  628. 1885.                                            2   5 10:45:40
1: 169.63 -22  3.87 0.00   9.0  533                        13.86 11.97 10.58  9.03  7.73  6.48  5.46  4.49  3.65  2.96  2.42  64 0.250
2:  99.98   6  5.22 0.00  14.1  942                        18.88 16.20 14.32 12.17 10.38  8.70  7.34  6.06  4.96  4.04  3.40  [illegible] 0.500
X
20550N 20550N 20600N 20500N 99999W   200  628.                                                  2   5 10:48:35
   168.09   [illegible]  4.37 0.08  14.1  528                        15.83 13.73 11.98 10.18  8.70  7.25  6.09  5.03  4.15  3.32  2.77  72 0.250

--------------------------  S C I N T R E X  ----------------------------
                  IPR-12 MULTI-CHANNEL IP-RECEIVER V1.5
Job #:        [illegible]                    Date:      96/09/07
Operator:     JON                            Serial #:  9211025
P-Line:       10200E                         Units:         Metre
Array:        Pole-Dipole                    Mx From:   690 ms  To:  1050 m
------------------------------------------------------------------------------
   Rx    P1    P2    C1    C2  Curr   K1    K2    K3    K4    K5    K6    K7    K8 Timing Ovr.   Time
                                       M1    M2    M3    M4    M5    M6    M7    M8    M9   M10   M11   M12   M13   M14  Mi   Tau

19450N 19450N 19500N 19400N 99999W    50  628. 1895. 3769. 6283.                                2   9 11:59:37
1:  67.86  71  2.14 0.26  41.3  853                         9.75  8.93  7.90  5.67  5.00  3.99  3.21  2.69  2.09  1.83  1.63  60 0.062
2:  75.76 -20  2.92 0.70 109.5  971                        11.99 11.67 10.70  7.53  7.24  6.57  4.60  3.45  2.74  1.60  1.65  62 0.125
3:  15.14 -18  3.95 2.00 299.4 1142                        13.08 13.15 13.83  8.04  8.36  6.41  4.32  5.00  3.21  3.56  2.17   [illegible] 0.000
4:  11.27  -9  4.19 2.28 136.1 1403                        15.81 15.87 17.40  9.36 11.36  8.51  5.09  3.92  4.44  1.37  3.28   0 0.000
X
19500N 19500N 19550N 19450N 99999W   150  628. 1885. 3769. 6283.                                2   5 12:04:58
1: 175.15 -23  3.25 0.03 182.6  734                        10.60  9.25  8.47  7.50  6.58  5.13  4.29  3.50  [illegible] 2.44  2.02  [illegible] 1.000
   [illegible]  -6  3.90 0.09 234.4  982                        17.90 14.51 12.47  9.81  7.98  7.50  5.69  4.59  3.44  2.69  2.27 214 0.000
   [illegible].89      5.52 0.06  73.8 1304                        18.77 16.61 14.80 12.25 10.49  8.92  7.32  6.07  5.20  4.00  3.28  38 0.250
   [illegible]       6.09 0.73  13.4 1394                        22.31 19.37 17.31 14.73 13.10 11.23  8.09  6.58  5.87  4.33  3.87 [illegible] 0.062
X
[illegible] 19600N 19500N 99999W   250  628. 1885. 3769. 6283.                                2   5 12:13:25
   [illegible]  0.00 228.3  738                        11.89 10.26  8.90  7.56  6.60  5.79  4.43  3.73  2.98  2.22  [illegible] 59 0.062
   [illegible]  74.0 1149                        17.27 14.75 12.50 10.57  9.06  7.52  6.23  5.07  4.03  3.18  2.61  97 0.015
   [illegible]  0.00  10.7 1126                        18.46 16.20 14.45 12.10 10.66  8.84  7.52  6.42  4.97  3.72  3.11  90 0.125
   [illegible]  0.23  46.9  977                        28.80 24.70 21.17 18.35 16.40 13.15 10.67  9.08  7.44  5.82  4.35 134 0.125

[illegible] 19550N 99999W    50  628. 1885. 3769. 6283.                                2   7 12:18:32
   [illegible] 3.45 0.18  74.2  941                        15.49 12.83 10.33  8.91  7.36  6.01  4.71  3.75  3.45  2.53  1.35 142 0.000
   [illegible]                                               18.27 15.51 12.25 10.54  8.96  7.96  5.55  5.52  4.40  3.02  2.65 109 0.007
   [illegible]                                               28.51 23.43 19.02 16.59 14.54 12.28  8.48  7.51  5.39  3.30  2.91 344 0.000
   [illegible]                                               [illegible] 19.10 15.22 [illegible] 12.03 [illegible]

[illegible] 99999W  [illegible] 1885. [illegible] 6283.                                [illegible] 12:23:07
   [illegible]                                               11.10 [illegible] 10.[illegible]  7.59  6.[illegible]  5.03  4.09  3.34  2.55  [illegible] 40 [illegible]
2:  52.33  22  5.70 0.03  33.2  986                        22.06 18.67 15.64 13.69 11.22  9.64  7.62  6.63  5.46  4.45  3.73 100 0.125
```

[illegible] 22.99 -85 9.22 0.19 22.5 1240 22.51 27.52 24.46 21.72 17.94 15.59 12.41 10.84 8.72 6.69 5.76 147 0.250 2.4

19700N 19700N 19750N 19650N 99999W 500 628. 1885. 3769. 6283. 2 5 12:27:40
[illegible] 4.70 0.05 37.6 772 16.67 14.50 12.58 10.96 9.24 7.87 6.32 5.44 4.45 3.60 2.90 77 0.250
[illegible] 9.12 0.09 32.4 1162 28.15 24.44 21.25 18.54 15.71 13.41 11.20 9.37 7.71 6.28 5.16 126 0.500
[illegible] 11.72 0.07 8.2 965 39.20 34.41 30.08 26.30 22.42 19.16 16.05 13.49 11.12 9.14 7.59 172 1.000
[illegible] 28 12.79 0.17 16.8 1027 42.84 37.23 32.18 28.39 23.90 20.85 17.34 14.61 12.17 9.80 8.01 184 1.000

19750N 19750N 19800N 19700N 99999W 400 628. 1885. 3769. 6283. 2 5 12:31:33
[illegible] 5.59 0.04 18.3 1033 19.13 16.74 14.72 12.68 10.82 9.15 7.68 6.39 5.28 4.30 3.51 87 0.500
[illegible] 23 10.07 0.15 9.1 995 33.53 29.60 26.15 22.58 19.36 16.46 13.85 11.52 9.52 7.86 6.42 150 1.000
[illegible] 24 13.74 0.40 17.1 841 44.14 39.07 34.78 30.07 25.84 21.96 18.59 15.66 12.98 10.69 8.83 195 2.000
[illegible] -10 13.31 0.09 13.6 848 43.64 38.68 34.33 29.47 25.35 21.40 17.96 14.99 12.51 10.33 8.50 191 1.000

[illegible] 19850N 19750N 99999W 500 628. 1885. 3769. 6283. 2 7 12:35:24
[illegible] 7.14 0.01 9.9 839 24.03 21.07 18.58 16.00 13.76 11.66 9.81 8.17 6.76 5.55 4.54 108 1.000
[illegible] 18.89 [illegible] 13.78 0.04 17.0 825 44.54 39.39 34.92 30.24 26.20 22.27 18.82 15.71 13.10 10.79 8.89 196 2.000
[illegible] 45.94 -15 15.19 0.09 19.9 723 49.94 44.07 39.12 33.63 29.16 24.73 20.81 17.36 14.45 11.87 9.75 215 2.000
[illegible] 19.56 0.11 9.3 815 49.24 43.15 38.30 32.58 28.44 24.00 20.01 16.69 13.82 11.41 9.40 211 1.000

[illegible] 19900N 19800N 99999W 500 628. 1885. 3769. 6283. 2 7 12:40:38
[illegible] 11.87 0.01 16.4 623 37.39 33.15 29.42 25.67 22.17 18.95 16.10 13.54 11.27 9.34 7.58 171 4.000
[illegible] 19.96 [illegible] 17.21 0.05 19.3 565 54.78 48.40 42.89 37.31 32.23 27.52 23.36 19.65 16.35 13.53 11.13 239 4.000
[illegible] 89.65 [illegible] 17.00 0.00 10.0 676 54.45 48.06 42.64 36.96 31.94 27.25 23.19 19.43 16.16 13.40 10.98 237 4.000
[illegible] 16.83 [illegible] 18.62 0.12 19.7 583 60.23 52.71 46.60 40.32 34.83 29.82 25.37 21.39 17.73 14.76 11.98 256 4.000

19900N 19900N 19950N 19850N 99999W 500 628. 1885. 3769. 6283. 2 5 12:44:49
[illegible] 371.87 -7 13.92 0.02 20.3 467 44.34 39.31 34.88 30.36 26.20 22.35 18.97 15.86 13.24 10.92 8.98 198 4.000
[illegible] 157.94 17 16.70 0.08 9.5 595 53.50 47.34 41.92 36.52 31.51 26.88 22.81 19.07 15.85 13.09 10.73 232 2.000
[illegible] 48.00 -14 19.39 0.68 18.1 513 61.64 55.12 48.71 42.54 37.03 31.43 27.04 22.47 18.99 15.17 11.98 265 2.000
[illegible] 13.75 1.24 22.0 566 65.34 57.74 50.19 42.92 36.56 30.70 26.68 21.57 17.62 15.30 13.20 269 1.000

[illegible] 19950N 20000N 19900N 99999W 500 628. 1885. 3769. 6283. 2 5 12:49:34
[illegible] 9.35 0.03 20.0 566 31.04 27.41 24.20 21.03 18.03 15.34 12.96 10.81 8.98 7.35 6.03 140 [illegible]
[illegible] 14.76 0.04 19.9 558 47.72 42.28 37.34 32.61 27.94 23.85 20.17 16.84 14.02 11.54 9.47 209 2.000
[illegible] 31.57 -6 17.30 0.03 21.9 618 56.03 49.68 43.89 38.41 32.77 28.03 23.74 19.75 16.52 13.39 11.10 240 2.000
[illegible] 3.05 17.2 649 55.66 49.54 43.76 38.22 32.51 27.88 23.65 19.68 16.47 13.45 10.89 239 2.000

[illegible] 20050N 19950N 99999W 500 628. 1885. 3769. 6283. 2 5 12:53:46
[illegible] 0.00 23.4 439 28.81 25.44 22.32 19.49 16.71 14.29 12.10 9.98 8.29 6.81 5.56 130 1.000
[illegible] 0.07 12.0 597 40.20 35.51 31.02 27.11 23.17 19.67 16.61 13.82 11.46 9.41 7.69 177 1.000
[illegible] 6 13.55 0.06 17.5 643 44.08 39.17 34.03 30.11 25.66 21.84 18.55 15.39 12.82 10.53 8.55 193 2.000
[illegible] 24 19.0 [illegible] 46.24 40.95 35.45 31.30 26.50 22.55 19.02 15.81 13.13 10.80 8.80 200 1.000

[illegible] 20100N 20000N 99999W 500 628. 1885. 3769. 6283. 2 5 12:59:13
[illegible] 327.25 -7 6.59 0.04 22.2 656 22.27 19.57 17.28 14.87 12.76 10.81 9.07 7.55 6.24 5.12 4.15 101 1.000
[illegible] 15.21 [illegible] 8.40 0.07 16.3 811 27.63 24.31 21.50 18.55 15.88 13.64 11.51 9.61 7.97 6.52 5.30 125 2.000
[illegible] 123.98 3 9.31 0.12 17.2 935 30.85 27.15 24.14 20.75 17.77 15.23 12.77 10.62 8.83 7.24 5.86 [illegible] 1.000
[illegible] 49.58 [illegible] 10.25 [illegible] 21.0 623 34.35 30.01 26.75 22.54 19.36 16.58 13.98 11.63 9.74 7.84 6.30 [illegible] 1.000

[illegible] 20150N 20050N 99999W 500 628. 1885. 3769. 6283. 2 5 13:02:35
[illegible] 5.16 0.00 18.2 753 17.50 15.41 13.61 11.72 10.04 8.51 7.15 5.92 4.90 4.02 3.29 [illegible]
[illegible] 18.8 1090 21.43 18.82 16.65 14.25 12.20 10.35 8.69 7.21 6.00 4.90 4.02 [illegible] 1.000
[illegible] 92.25 [illegible] 7.27 0.04 20.3 699 24.26 21.56 19.14 16.28 14.01 11.91 10.03 8.31 6.93 5.76 4.68 111 1.000
[illegible] 8.43 [illegible] 29.57 25.71 22.79 19.35 16.49 14.12 11.93 9.88 8.29 6.92 5.61 [illegible]

[illegible] 20100N 99999W 500 628. 1885. 3769. 6283. 2 7 13:07:23
[illegible] 0.03 34.2 891 16.93 14.74 12.98 11.13 9.51 8.02 6.71 5.54 4.54 3.74 3.02 72 0.500
[illegible] 5.76 0.06 16.1 697 20.17 17.50 15.38 13.24 11.31 9.54 7.95 6.57 5.45 4.45 3.60 [illegible] 0.500
[illegible] 24.9 757 24.49 21.33 18.70 16.12 13.83 11.68 9.76 8.12 6.70 5.55 4.45 110 0.500
[illegible] 1059 24.00 20.67 18.17 15.54 13.25 11.23 9.43 7.80 6.35 5.27 4.23 110 0.250

[illegible] 3769 6283. 2 5 13:11:08
[illegible] 21.9 [illegible] 16.47 14.41 12.73 10.89 9.33 7.85 6.55 5.42 [illegible] 3.63 2.94 [illegible] 0.500
[illegible] 31.5 754 20.88 18.05 16.06 13.56 11.69 9.77 8.22 6.82 5.60 4.58 3.73 94 0.500

```
[illegible] 141.96 -10  5.49 0.05 21.4 1070                         19.66 17.07 15.25 12.74 11.01  9.12  7.66  6.22  5.19  4.25  2.46  91 0.250  1.04
[illegible]             6.2[illegible] [illegible] 5.6 1470         22.72 19.66 17.76 14.65 12.76 10.54  8.90  7.[illegible] 6.03 [illegible] 4.07 105 0.250 [illegible]

20250N 20250N 20300N 20200N 99999W  500  628. 1885. 3769. 6283.                                  2   5 13:14:38
[illegible]             5.48 0.01 26.1  527                         18.92 16.59 14.63 12.60 10.77  9.09  7.57  6.40  5.18  4.23  3.32  86 0.500 [illegible]
[illegible] 244.10 -1   4.96 0.00 21.4  921                         13.34 15.86 13.75 11.77  9.98  8.35  6.93  5.73  4.67  3.30  3.06  87 0.125 [illegible]
[illegible]        -6   5.80 0.02  5.3 1391                         20.66 18.01 15.77 13.53 11.52  9.69  8.03  6.68  5.47  4.48  3.61  95 0.250 [illegible]
[illegible]             6.06 0.04  5.3 1704                         24.24 21.09 18.48 15.84 13.51 11.37  9.47  7.89  6.47  5.31  4.30 [illegible]

20300N 20300N 20350N 20250N 99999W  500  628. 1885. 3769. 6283.                                  2   5 13:18:40
[illegible] 207.29 -2   4.75 0.06 21.2  474                         17.35 15.07 13.16 11.33  9.52  8.06  6.70  5.53  4.48 [illegible] 2.90  83 [illegible]
[illegible] 204.54  0   5.48 0.09  5.1  942                         19.96 17.30 15.05 13.00 10.90  9.22  7.71  6.32  5.12  4.10  3.37  95 0.125 [illegible]
[illegible]       -10   6.44 0.10  3.5 1325                         23.25 20.25 17.62 15.27 12.81 10.87  9.12  7.48  6.07  4.83  4.02 106 0.250 [illegible]
[illegible]             5.97 0.10  4.6 1330                         22.19 19.19 16.57 14.36 11.96 10.16  8.53  6.99  5.62  4.49  3.73 104 0.125 [illegible]

20350N 20350N 20400N 20300N 99999W  100  628. 1885. 3769. 6283.                                  2   5 13:22:24
[illegible]  4.70 -7    4.80 0.15  5.3  557                         17.34 15.45 13.51 11.39  9.69  7.99  6.74  5.57  4.52  3.72  3.08  89 0.750 [illegible]
[illegible] 51.10       5.70 0.29  4.0  967                         21.09 19.06 16.58 13.96 11.77  9.83  8.36  6.75  5.34  4.38  3.65 102 0.125 [illegible]
[illegible] 18.92 -17   5.28 0.34  4.2 1090                         19.68 18.15 15.72 12.92 10.92  9.32  7.75  6.34  4.83  4.13  3.52  96 0.125  3.[illegible]
[illegible]             6.03 0.32  6.5 1092                         21.63 19.75 17.37 14.12 12.30  9.69  8.64  6.79  5.71  4.51  3.85 105 0.125  2.[illegible]

[illegible] 20450N 20350N 99999W  500  623. 1885. 3769. 6283.                                    2   5 13:26:07
[illegible]             5.12 0.01  4.2  652                         17.79 15.56 13.60 11.78 10.05  8.50  7.10  5.88  4.84  3.96  3.20  81 0.500 [illegible]
[illegible]             4.79 0.01  4.7  904                         17.22 14.97 12.97 11.21  9.51  8.04  6.65  5.51  4.52  3.71  2.94  79 0.250  0.[illegible]
[illegible]             5.29 0.01  6.5  936                         18.79 16.38 14.13 12.30 10.43  8.82  7.31  6.07  5.00  4.12  3.33  84 0.500 [illegible]
[illegible]             [illegible] 0.08  6.9 1234                  23.91 20.83 18.01 15.72 13.35 11.39  9.43  7.84  6.46  5.35  4.33 107 0.500 [illegible]

[illegible] 20500N 20400N 99999W  500  628. 1885. 3769.                                          2   5 13:28:46
[illegible]       -20   4.41 0.04  4.7  565                         15.52 13.55 11.80 10.17  8.66  7.33  6.15  5.09  4.16  3.41  2.76  70 0.500 [illegible]
[illegible]       -11   4.81 0.07  6.4  774                         17.07 14.93 12.91 11.07  9.45  8.00  6.71  5.55  4.54  3.73  3.02  79 0.250 [illegible]
[illegible]             6.21 0.11  7.0 1068                         21.86 19.16 16.61 14.29 12.20 10.37  8.75  7.26  5.95  4.91  4.00  99 0.500

20500N 20500N 20550N 20450N 99999W  200  628. 1885.                                              2   5 13:31:40
[illegible] 159.03 -11  4.21 0.04  6.5  500                         14.85 12.89 11.25  9.69  8.23  6.97  5.89  4.81  4.00  3.24  2.61  67 0.500 [illegible]
[illegible]  79.35  -9  5.59 0.08  7.0  742                         19.55 17.00 14.80 12.75 10.79  9.15  7.80  6.35  5.32  4.33  3.50  89 0.500

20550N 20550N 20600N 20500N 99999W  200  628.                                                    2   5 13:34:31
[illegible]       -9    4.69 0.03  6.9  490                         16.09 14.16 12.55 10.56  9.17  7.68  6.47  5.35  4.45  3.67  2.97  74 0.500

-------------------------- S C I N T R E X --------------------------------
          [illegible] MULTI-CHANNEL IP-RECEIVER V1.5
        [illegible]835                      Date:       96/09/07
        [illegible]DPP                      Serial #:   9211025
        [illegible]0100E                    Units:          Metre
        [illegible]                         Mx From:   690 ms  To:  1050 m
---------------------------------------------------------------------------
      [illegible]  H2   C1    C2 curr    K1    K2    K3    K4    K5    K6    K7    K8 Timing Dur.   Time
      [illegible]  Mx   S.[illegible]  Pc  Rho   M1    M2    M3    M4    M5    M6    M7    M8    M9   M10   M11   M12   M13   M14  Mi  Tau [illegible]

[illegible] 19400N 99999W  100  628. 1885. 3769. 6283.                                            2   5 14:21:42
[illegible]             2.92 0.09 161.3  924                        11.22 10.06  8.47  7.15  5.90  5.13  4.09  3.35  2.68  2.19  1.66  65 0.015 [illegible]
[illegible]             [illegible] 70.[illegible] 1042             14.61 13.33 10.83  8.51  6.92  6.37  4.89  3.84  3.04  2.43  1.8[illegible] 215 [illegible]
[illegible]             [illegible] 0.50  8.9  941                  15.55 15.71 12.68  9.56  7.80  7.60  5.55 [illegible] [illegible] 2.73 1.9[illegible] [illegible] 0.000 [illegible]
[illegible]             [illegible] 41.0 1505                       19.43 20.08 15.84 11.38  9.11  9.54  6.77  5.13  3.90  3.14  2.1[illegible] 295 0.000 [illegible]

[illegible] 19500N 19550N 19450N 99999W  200  628. 1885. 3769. 6283.                             2   5 14:27:28
[illegible]             3.33 0.07 69.6 1140                         12.87 11.10  9.45  7.97  6.81  5.65  4.78  3.39  3.14  2.54  2.07  63 0.062 [illegible]
[illegible]             4.[illegible] 0.27  9.9 1009                15.51 13.75 11.52  9.78  8.18  6.94  5.86  4.76  3.72  3.05  2.41  82 [illegible]
[illegible]             4.[illegible] 0.54 18.0 1451                17.76 16.19 13.41 11.43  9.61  8.33  7.09  5.7[illegible] 4.4[illegible] [illegible] [illegible] [illegible]
[illegible]             [illegible] 22.3 [illegible]79              20.3[illegible] 18.98 15.52 13.34 11.25  9.90  8.52  7.02  5.37 [illegible]

[illegible] 6283.                                                                                 2   5 14:[illegible]
[illegible]             [illegible] 0.01 [illegible] 675            14.55 12.40 10.7[illegible] 9.15 7.5[illegible] 6.[illegible] [illegible]
[illegible]
[illegible]                                                                                                           2.[illegible]
4[illegible]  94.67 [illegible] 5.[illegible] [illegible] 47.9 [illegible]   22.04 18.06 15.63 13.33 11.01  9.20  7.57  6.21  5.09  4.24  3.40 111 0.031 [illegible]
```

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]						[illegible]	[illegible]					
										[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2:	123.31	16	4.79	0.20	17.8	1218				13.39	15.59	13.61	11.53	9.70	8.14	6.78	5.54	4.52	3.73	2.99	45	0.125
		2	5.74	0.49	48.3	1066				18.31	15.43	13.36	11.38	9.62	8.04	7.45	6.12	5.05	4.26	3.36	99	2.000
			6.32	0.99	51.0	1307				27.61	23.44	21.06	18.02	15.84	13.36	10.94	7.98	6.13	4.07	4.93	159	[illegible]
	[illegible]	[illegible]N	19700N	19600N	99999M	500	628.	225.	3769.	6283.					2	5	14:40:[illegible]					
	[illegible]	23	4.45	0.02	26.7	945				15.77	14.35	12.42	10.70	8.97	7.51	6.22	5.13	3.19	3.39	2.72	78	0.125
2:	259.22	7	4.15	0.10	43.3	977				16.89	14.10	12.03	10.46	8.67	7.17	5.92	4.83	3.90	3.14	2.59	86	0.031
3:	161.96	-13	6.32	0.04	44.8	1214				24.54	20.75	17.90	15.79	13.09	11.05	9.22	7.31	6.47	5.29	4.22	110	0.250
4:	162.22	7	9.53	0.16	22.9	1284				34.27	28.98	24.92	22.07	18.34	15.59	12.90	10.94	9.00	7.34	6.03	136	0.500
	[illegible]N	19700N	19750N	19650N	99999M	250	628.	1885.	3769.	6283.					2	5	14:43:19					
1:	276.55	4	4.19	0.01	52.6	947				15.62	13.57	11.82	10.04	8.46	7.11	5.87	4.85	3.97	3.24	2.63	74	0.125
2:	164.56	-35	5.72	0.04	53.1	1241				20.84	18.16	15.69	13.27	11.20	9.53	7.96	6.55	5.45	4.49	3.71	95	0.250
3:	91.64	2	8.34	0.20	21.5	1367				28.20	25.00	22.01	18.76	15.91	13.57	11.33	9.51	7.98	6.64	5.45	126	1.000
4:	38.09	9	10.59	0.20	43.6	957				37.36	33.05	28.60	24.28	20.86	17.36	14.76	12.10	10.20	8.70	7.05	161	1.000
	[illegible]	[illegible]N	19800N	19700N	99999M	500	628.	1885.	3769.	6283.					2	7	14:46:38					
	[illegible]	-35	5.08	0.01	49.0	1144				17.77	15.54	13.64	11.69	10.00	8.43	7.06	5.84	4.80	3.90	3.16	91	0.500
	494.77	5	7.25	0.03	21.9	1458				24.95	21.90	19.25	16.45	14.12	11.93	10.03	8.32	6.87	5.59	4.56	113	0.500
	[illegible].17	2	10.00	0.02	47.8	1027				33.08	29.33	25.94	22.24	19.18	16.27	13.73	11.43	9.48	7.73	6.33	148	1.000
4:	91.52	15	11.97	0.08	42.7	1150				40.29	35.52	31.49	26.93	23.20	19.60	16.41	13.56	11.44	9.50	7.94	177	1.000
	[illegible]	[illegible]	[illegible]N	19750N	99999M	500	628.	1885.	3769.	6283.					2	5	14:50:41					
	[illegible]		5.33	0.00	24.1	1658				18.46	16.16	14.18	12.18	10.44	8.82	7.39	6.14	5.04	4.13	3.36	84	0.500
		[illegible]	7.92	0.05	49.0	1199				26.58	23.28	20.54	17.74	15.22	12.92	10.89	9.08	7.50	6.17	5.01	119	1.000
		[illegible]	10.66	0.09	41.2	1275				35.24	30.98	27.50	23.77	20.40	17.34	14.65	12.24	10.09	8.27	6.73	157	1.000
	[illegible]	23	11.86	0.21	52.4	1015				41.87	35.90	31.41	26.83	22.89	19.41	16.41	13.65	11.23	9.24	7.45	179	0.500
	[illegible]	[illegible]	[illegible]N	198[illegible]N	99999M	500	628.	1885.	3769.	6283.					2	5	14:53:55					
1:	[illegible]	[illegible]	5.94	0.01	71.7	1643				19.72	17.40	15.36	13.33	11.44	9.70	8.15	6.79	5.62	4.61	3.75	91	1.000
	[illegible]		[illegible]	0.03	45.0	1313				29.04	25.45	22.40	19.35	16.66	14.09	11.89	9.92	8.23	6.74	5.50	130	1.000
		[illegible]	[illegible]	0.03	56.6	1461				34.84	30.63	27.02	23.36	20.10	17.01	14.38	12.[illegible]	9.96	8.12	6.65	[illegible]	[illegible]
4:	[illegible]	20	11.63	[illegible].17	67.3	1042				39.25	34.16	29.93	25.62	22.24	18.64	15.81	13.20	11.02	8.99	7.38	[illegible]	[illegible]
	[illegible]	[illegible]N	19950N	19850N	99999M	450	628.	1885.	3769.	6283.					2	5	14:57:04					
1:	[illegible]	5	7.17	0.01	48.5	1836				22.76	20.33	18.10	15.78	13.60	11.58	9.79	8.20	6.79	5.57	4.53	107	2.000
2:	400.54	31	9.10	0.00	53.1	1670				29.15	26.03	23.05	20.02	17.28	14.70	12.44	10.41	8.61	7.07	5.76	134	2.000
3:	148.[illegible]	[illegible]	[illegible]	0.00	60.0	1228				31.81	28.50	25.31	21.90	18.96	16.18	13.68	11.43	9.40	7.73	6.30	146	2.000
4:	[illegible]	15	11.56	0.12	23.7	998				37.21	33.36	29.52	25.42	22.02	18.75	15.90	13.34	10.91	8.98	7.28	167	[illegible]
	[illegible]	[illegible]N	20000N	19900N	99999M	350	628.	1885.	3769.	6283.					2	5	15:01:37					
1:	737.85	3	6.90	0.02	19.9	1264				22.51	19.99	17.66	15.39	13.23	11.24	9.48	7.90	6.54	5.35	4.35	104	2.000
	[illegible].36	-4	7.53	0.05	68.9	1694				24.95	22.10	19.45	16.97	14.55	12.39	10.46	8.72	7.24	5.91	4.82	114	2.000
	[illegible]	22	9.46	0.12	60.4	1017				31.10	27.53	24.11	21.12	18.04	15.37	12.98	10.79	8.96	7.31	5.98	140	[illegible]
	[illegible]		11.[illegible]	[illegible].29	3.6	739				38.97	34.37	29.89	26.42	22.50	19.25	16.31	13.50	11.26	9.16	7.45	172	1.000
		[illegible]	[illegible]N	[illegible]N	99999M	500	628.	1885.	3769.	6283.					2	5	15:05:19					
			5.75	0.01	61.5	1023				19.37	17.03	15.01	12.98	11.14	9.44	7.93	6.58	5.44	4.45	3.62	88	1.000
	[illegible]	22	6.74	0.04	22.4	1010				23.19	20.24	17.76	15.28	13.11	11.06	9.31	7.75	6.40	5.23	4.29	105	[illegible]
	[illegible]	-6	9.51	0.12	2.9	745				31.21	27.56	24.47	21.08	18.25	15.40	13.04	10.85	9.06	7.41	[illegible]	[illegible]	[illegible]
			[illegible]	[illegible]	9.2	800				40.93	36.08	32.01	27.48	23.92	20.09	17.01	14.17	11.84	9.68	[illegible]	[illegible]	1.000
				[illegible]N	99999M	400	628.	1885.	3769.	6283.					2	7	15:11:10					
			[illegible]	[illegible]	24.9	867				17.54	15.32	13.40	11.54	9.90	8.29	6.93	5.75	4.72	3.85	3.12	79	[illegible]
		4	7.04	0.03	2.9	855				23.67	20.83	18.37	15.80	13.56	11.53	9.56	8.06	6.66	5.43	4.45	107	[illegible]
		[illegible]	10.09	0.04	7.8	791				33.15	29.41	26.01	22.33	19.27	16.44	13.54	11.50	9.55	7.78	6.39	[illegible]	[illegible]
4:	52.[illegible]	-6	10.27	0.09	14.5	676				34.18	30.20	26.68	22.65	19.63	16.74	13.62	11.69	9.70	7.89	6.52	151	[illegible]
	[illegible]	[illegible]N	20150N	20050N	99999M	500	628.	1885.	3769.	6283.					2	5	15:15:0[illegible]					
	[illegible]		[illegible]	[illegible]	[illegible]	626				18.49	16.19	14.26	12.37	10.56	8.95	7.51	6.21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	772				27.36	23.95	21.16	18.30	15.71	13.38	11.17	9.29	7.72	6.28	[illegible]	[illegible]	[illegible]
			[illegible]	[illegible]	[illegible]	669				28.42	24.81	21.9[illegible]	19.15	16.36	[illegible]	11.55	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4:	87.24	-15	9.26	0.19	13.1	645				31.41	27.13	24.04	20.96	17.86	15.14	12.64	10.50	8.83	7.10	5.85	138	1.000

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20150N 20150N 20200N 20100N 99999W  500  628.  1985.  3769.  6283.                                2   5 15:18:37
                            16.1   541        22.03 19.34 16.99 14.70 12.56 10.63  8.91  7.37  5.97  4.94  4.01 100 0.500
      83.56         7.01  0.06  20.7  579        23.91 21.06 18.46 15.94 13.65 11.58  9.75  8.05  6.66  5.42  4.45 107 1.000
                    7.11  0.15  14.4  782        26.34 23.48 20.68 17.81 15.35 13.10 11.07  9.11  7.54  6.15  5.04 120 1.000
                 2  8.05  0.30  10.4  974        27.77 24.38 21.36 18.53 15.81 13.52 11.40  9.30  7.69  6.21  5.11 126 0.500

            20250N 20150N 99999W  500  628.  1985.  3769.  6283.                                2   5 15:21:45
                          15.1  417        18.92 16.56 14.49 12.59 10.65  9.00  7.53  6.24  5.08  4.13  3.35  78 0.250
                    0.37  15.2  477        21.81 19.08 16.61 14.49 12.19 10.35  8.71  7.19  5.90  4.77  3.90  98 0.500
               1        0.57  11.0  909        22.57 19.78 17.24 15.15 12.61 10.72  9.06  7.46  6.09  4.98  4.00 105 0.250
                        0.65  24.0 1164        24.89 21.63 18.60 16.65 13.83 10.79  9.43  7.82  6.40  5.33  4.18 117 0.125

               20300N 20200N 99999W  500  628.  1985.  3769.  6283.                                2   5 15:25:39
      381.69   -6  5.59  0.00  16.1  485        19.44 17.06 14.96 12.89 10.96  9.24  7.70  6.45  5.27  4.31  3.49  88 0.500
      205.26    7  5.69  0.02   9.4  774        20.08 17.54 15.36 13.20 11.14  9.40  7.81  6.60  5.38  4.39  3.59  90 0.500
      144.59  -15  6.07  0.00  23.5 1090        21.24 18.62 16.36 14.07 11.84 10.00  8.27  7.05  5.74  4.71  3.86  96 0.500
       98.90   -1  7.32  0.04  24.0 1243        25.37 22.22 19.51 16.80 14.08 11.93  9.88  8.49  6.93  5.69  4.63 114 0.500

   20300N 20350N 20250N 99999W  500  628.  1985.  3769.  6283.                                2   5 15:28:50
      415.65   15  5.14  0.02  25.8  524        18.20 15.88 13.86 11.92 10.17  8.56  7.18  5.94  4.84  3.96  3.19  84 0.250
      208.51   13  5.53  0.08  37.8  786        20.19 17.35 14.96 12.91 11.01  9.16  7.71  6.40  5.22  4.29  3.50  91 0.250
      141.19   -7  6.76  0.09  21.7 1065        23.97 20.84 17.98 15.53 13.28 11.17  9.41  7.80  6.37  5.26  4.26 106 0.500
              -20  6.78  0.07   6.8 1234        24.05 20.80 17.80 15.45 13.22 11.08  9.43  7.85  6.38  5.29  4.20 106

           20400N 20300N 99999W  500  628.  1985.  3769.  6283.                                2   5 15:32:20
      425.21   -9  4.67  0.03  28.0  534        15.68 13.96 12.49 10.78  9.26  7.81  6.53  5.41  4.40  3.57  2.85  74 0.500
      240.59    0  5.84  0.07  25.2  907        19.93 17.57 15.70 13.46 11.58  9.74  8.13  6.75  5.50  4.45  3.55  92 0.500
                   5.79  0.07   4.9 1046        19.56 17.30 15.62 13.37 11.57  9.70  8.08  6.73  5.43  4.40  3.48  91 0.500
                   7.29  0.24   5.3 1049        24.51 21.53 19.51 16.66 14.44 12.08 10.10  8.43  6.85  5.54  4.40 113 0.500

20400N 20400N 20450N 20350N 99999W  500  628.  1985.  3769.  6283.                                2   5 15:35:50
      479.04    2  5.06  0.00  22.3  602        18.10 15.73 13.72 11.82 10.05  8.45  7.09  5.81  4.76  3.86  3.09  83 0.250
      244.10  -20  5.76  0.00   5.9  920        18.84 16.33 14.17 12.22 10.41  8.77  7.36  6.05  4.94  4.03  3.22  86 0.250
                   6.78  0.02   4.7  936        24.20 21.01 18.21 15.77 13.41 11.31  9.51  7.79  6.37  5.19  4.12 110 0.250
                         0.03   3.9 1402        36.33 31.80 27.69 24.05 20.61 17.46 14.73 12.17 10.00  8.22  6.57 161 0.500

              20400N 99999W  400  628.  1985.  3769.                                        2   7 15:39:35
      430.52  -19  4.67  0.12   5.9  676        15.94 14.10 12.40 10.72  9.17  7.78  6.52  5.39  4.40  3.60  2.95  74 0.500
      169.08       6.25  0.20   4.6  797        22.13 19.37 16.79 14.40 12.23 10.34  8.66  7.14  5.93  4.83  3.95  99 0.500
      134.59  -40  9.95  0.35   3.9 1268        33.68 29.79 25.97 22.43 19.18 16.32 13.72 11.37                  6.40 149 1.000

             20550N 20450N 99999W  200  628.  1985.                                              2   5 15:42:34
              -12  5.91  0.32   4.6  522        20.21 17.60 15.67 13.42 11.48  9.64  8.08  6.79  5.60  4.62  3.72     0.500
      106.81  -40  9.75  0.58   3.8 1007        31.88 27.94 25.09 21.54 18.59 15.64 13.18 11.14  9.27  7.59           1.000

20550N 20550N 20600N 20500N 99999W  200  628.                                                     2   5 15:45:02
      136.12       8.44  0.09   3.7  585        28.48 24.93 21.91 18.96 16.22 13.74 11.55  9.59  8.01  6.51  5.25 126 1.000

----------------------------   S C I N T R E X   ----------------------------
              IPR-12 MULTI-CHANNEL IP-RECEIVER V1.5
                                          Date:      96/09/07
                                          Serial #:  9211025
                                          Units:           Metre
                                          Mx From:   690 ms  To:  1050  e
------------------------------------------------------------------------------
                 P2     C1     C2  curr    K1     K2     K3     K4     K5     K6     K7     K8 Timing Dur.    Time
                                Sp  Rho    M1     M2     M3     M4     M5     M6     M7     M8     M9    M10    M11    M12    M13    M14    Mi    Tau

                        99999W  500  628.  1985.  3769.  6283.                                2   5 16:24:07
                                           16.93 14.71 12.97 11.07  9.50                                                       
                        4.55  0.09  72.2 1262        17.19 14.65 12.90 10.77  9.37                                        85
                                                                         10.96  9.80

19500N 19500N 19550N 19450N 99999W  500  628.  1985.  3769.  6283.                                2   5 16:27:17
```

1: 901.10 -22 4.75 0.02 21.1 1122				15.41	13.37	11.69	10.03	8.58	7.22	6.06	5.02	4.11	3.26	2.71	72	0.250
[illegible] 1399				18.11	15.47	13.34	11.37	9.61	7.97	6.63	5.45	4.32	3.53	2.79	95	0.031
4: 134.01 -21 4.92 0.17 15.2 1684				19.52	16.63	14.14	12.12	10.27	8.53	7.14	5.89	4.57	3.77	2.90	101	0.031
[illegible] 19600N 19500N 99999W 500	628.	1885.	3769.	6283.					2	5 16:30:53						
[illegible] -4 3.91 0.02 92.9 1030				14.06	12.24	10.79	9.21	7.88	6.58	5.45	4.50	3.70	2.98	2.42	65	0.250
[illegible] 4.20 0.00 82.3 1312				17.62	14.55	12.35	10.35	8.77	7.23	6.00	4.89	3.96	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] -23 4.42 0.04 15.0 1591				17.09	14.24	12.45	10.66	9.07	7.59	6.22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] 54 5.13 0.17 23.9 1655				20.20	16.60	14.59	12.16	10.68	8.68	7.16	5.90	4.63	3.82	3.13	96	0.062
19600N 19600N 19650N 19550N 99999W 500	628.	1885.	3769.	6283.					2	5 16:34:04						
[illegible] -12 4.12 0.05 105.4 1095				15.84	13.62	11.81	10.02	8.54	7.02	5.82	4.79	3.88	3.15	2.55	78	0.062
[illegible] 0.00 29.7 1277				16.42	13.89	11.96	10.22	8.64	7.07	5.87	4.85	3.94	3.11	2.51	85	0.031
[illegible] 47 4.97 0.04 21.9 1498				18.58	15.83	13.69	11.73	9.95	8.10	6.71	5.59	4.63	3.69	2.94	91	0.062
-29 5.56 0.01 19.9 1324				22.04	18.67	16.35	14.10	12.07	9.90	8.24	6.88	5.62	4.43	3.62	103	0.125
19650N 19650N 19700N 19600N 99999W 100	628.	1885.	3769.	6283.					2	7 16:37:21						
[illegible] 3.87 0.08 30.8 972				14.90	12.92	10.80	9.61	7.85	6.58	5.48	4.54	3.69	3.00	2.50	69	0.125
[illegible] 24.1 1338				17.33	15.08	12.23	11.22	8.89	7.63	6.24	5.37	4.11	3.36	2.77	84	0.062
[illegible] 5.56 18.6 1187				19.38	17.19	13.56	13.17	10.03	8.98	7.35	6.26	4.68	3.92	3.28	91	0.125
[illegible] 0.37 10.4 1127				29.68	26.39	21.36	20.17	16.00	13.88	11.36	9.90	8.32	7.20	6.14	132	4.000
19700N 19700N 19750N 19650N 99999W 500	628.	1885.	3769.	6283.					2	5 16:41:14						
1: 985.40 51 4.17 0.00 22.1 1239				15.75	13.58	11.83	10.07	8.45	7.08	5.84	4.80	3.93	3.17	2.56	78	0.062
2: 315.92 -26 4.67 0.06 18.9 1191				17.92	15.38	13.33	11.26	9.53	8.01	6.58	5.40	4.41	3.60	2.91	88	0.062
[illegible] 7.93 0.08 9.8 1143				27.45	23.98	21.06	17.96	15.36	13.09	10.83	9.02	7.41	6.15	4.99	122	0.500
[illegible] 10.56 0.17 13.6 1418				34.46	30.08	26.47	22.64	19.43	16.64	13.76	11.48	9.53	7.91	6.54	151	1.000
19750N [illegible] 19800N 19700N 99999W 400	628.	1885.	3769.	6283.					2	5 16:44:34						
[illegible] 3.85 0.01 18.9 1055				14.43	12.53	10.81	9.24	7.84	6.53	5.41	4.46	3.63	2.93	2.34	72	0.062
[illegible] 6.54 0.00 10.4 1115				22.99	20.15	17.37	15.00	12.83	10.77	9.00	7.50	6.16	5.00	4.02	106	0.250
3: 155.92 -22 8.70 0.00 13.3 1473				29.31	25.92	22.50	19.52	16.80	14.22	11.92	9.98	8.22	6.71	5.41	130	1.000
[illegible] 11.07 0.01 127.3 1205				41.46	35.11	29.29	24.91	21.39	17.95	15.07	12.61	10.44	8.49	6.84	175	0.250
19800N 19800N 19850N 19750N 99999W 500	628.	1885.	3769.	6283.					2	5 16:48:48						
[illegible] 14 5.32 0.02 10.5 857				19.23	16.68	14.51	12.50	10.60	8.89	7.41	6.13	5.03	4.08	3.28	88	0.250
[illegible] -17 7.40 0.02 12.6 1386				25.74	22.43	19.61	16.98	14.46	12.20	10.20	8.49	7.00	5.70	4.60	115	0.500
[illegible] 8 9.90 0.13 131.9 1216				33.50	29.32	25.69	22.35	19.07	16.15	13.57	11.28	9.40	7.70	6.19	147	1.000
[illegible] 133.6 1197				37.90	32.95	28.82	25.02	21.39	17.98	15.20	12.51	10.42	8.51	6.80	166	0.500
[illegible] 19900N 99999W 500	628.	1885.	3769.	6283.					2	5 16:52:33						
[illegible] 0.00 12.5 1362				19.81	17.24	15.12	13.05	11.15	9.39	7.98	6.55	5.40	4.39	3.57	90	0.500
[illegible]				27.87	24.35	21.33	18.36	15.72	13.30	11.16	9.31	7.71	6.29	5.11	125	0.500
[illegible] -31 9.86 0.00 58.1 1299				32.37	28.46	25.01	21.62	18.61	15.78	13.34	11.22	9.38	7.68	6.25	144	2.000
[illegible] 10 11.91 0.04 44.0 1145				40.25	34.83	30.21	26.07	22.20	19.07	16.02	13.59	11.31	9.24	7.52	173	1.000
[illegible] 19900N 19950N 19850N 99999W 500	628.	1885.	3769.	6283.					2	5 16:57:37						
[illegible] 26 6.18 0.06 60.2 1491				21.44	18.84	16.55	14.27	12.13	10.28	8.62	7.11	5.85	4.77	3.85	97	[illegible]
[illegible] 6.22 59.3 1664				26.54	23.20	20.17	17.43	14.88	12.65	10.66	8.90	7.37	6.03	4.96	115	[illegible]
[illegible] 0.02 27.7 1477				31.86	28.18	24.82	21.47	18.42	15.69	13.19	11.01	9.15	7.51	6.14	143	1.000
[illegible] 12.90 0.02 20.0 1134				36.29	32.11	28.15	24.32	20.84	17.79	14.94	12.45	10.34	8.48	7.01	161	1.000

96350103.ARC

SCINTREX

IPR-12 MULTI-CHANNEL IP-RECEIVER V1.5

Job #: 9635 Date: 96/09/08
Operator: SB Serial #: 9211025
P-Line: 10000E Units: Metre
Array: Pole-Dipole Mx From: 675 ms To: 855 ms

	StN	P1	P2	C1	C2	curr	K1	K2	K3	K4	K5	K6	K7	K8	Timing	Dur.	Time						
D:	Vp	SP	Mx	S.D.	Rc	Rho	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	Mi	Tau	Rh
	19950N	19950N	20000N	19900N	99999W	500	628.	1885.	3769.	6283.					1	7	07:42:01						
1:	807.20	1196	30.26	0.00	9999.0	1014					30.29	30.42	30.29	30.28	30.29	30.28	30.29	30.26	30.26	30.27	0	0.000	0.0
2:	-806.87	1199	30.29	0.02	9999.0	3042					30.32	30.45	30.30	30.28	30.27	30.30	30.30	30.31	30.29	30.28	0	0.000	0.0
3:	807.34	1197	30.31	0.02	9999.0	6087					30.34	30.47	30.34	30.33	30.28	30.33	30.31	30.30	30.32	30.31	0	0.000	0.0
4:	-807.07	1198	30.30	0.02	9999.0	10142					30.31	30.42	30.30	30.29	30.29	30.28	30.31	30.30	30.28	30.31	0	0.000	0.0

SCINTREX

IPR-12 MULTI-CHANNEL IP-RECEIVER V1.5

Job #: 9635 Date: 96/09/08
Operator: SB Serial #: 9211025
P-Line: 10000E Units: Metre
Array: Pole-Dipole Mx From: 690 ms To: 1050 ms

	StN	P1	P2	C1	C2	curr	K1	K2	K3	K4	K5	K6	K7	K8	Timing	Dur.	Time						
D:	Vp	SP	Mx	S.D.	Rc	Rho	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	Mi	Tau	Rh
	19950N	19950N	20000N	19900N	99999W	500	628.	1885.	3769.	6283.					2	7	08:50:21						
1:	1281.33	-30	6.01	0.01	276.7	1610				21.23	18.57	16.23	13.92	11.84	9.99	8.37	6.92	5.68	4.63	3.76	98	0.250	0.
2:	467.05	14	8.02	0.03	58.2	1761				27.14	23.86	20.85	18.01	15.45	13.11	11.04	9.18	7.61	6.22	5.05	121	1.000	0.7
3:	188.58	[illegible]	9.31	0.10	29.5	1422				31.04	27.50	24.13	20.86	17.86	15.16	12.78	10.64	8.81	7.25	5.90	139	1.000	0.
4:	78.83	4	10.57	0.09	6.8	990				35.35	31.43	27.25	23.53	20.19	17.11	14.51	12.05	9.96	8.17	6.67	156	1.000	0.
	20000N	20000N	20050N	19950N	99999W	500	628.	1885.	3769.	6283.					2	7	08:55:42						
1:	1139.77	18	6.56	0.01	50.9	1432				21.95	19.30	16.94	14.68	12.56	10.62	8.91	7.41	6.12	4.99	4.05	101	0.500	0.
2:	380.39	2	7.76	0.02	30.1	1434				26.58	23.22	20.32	17.56	15.02	12.71	10.68	8.88	7.34	6.01	4.88	120	0.500	0.
3:	139.68	-3	8.96	0.02	6.0	1053				30.09	26.35	23.14	20.04	17.23	14.57	12.26	10.23	8.50	6.98	5.65	134	1.000	0.
4:	66.06	-5	10.48	0.09	32.0	830				37.09	31.81	27.41	23.57	20.21	17.04	14.35	11.92	9.98	8.15	6.66	160	0.500	1.
	20050N	20050N	20100N	20000N	99999W	200	628.	1885.	3769.	6283.					2	7	09:05:54						
1:	384.60	11	6.01	0.02	30.7	1208				20.97	18.30	16.03	13.83	11.80	9.94	8.36	6.91	5.67	4.65	3.74	95	0.500	0.
2:	112.55	0	6.88	0.09	10.1	1061				24.07	21.01	18.32	15.82	13.49	11.39	9.66	7.92	6.46	5.40	4.27	108	0.500	0.
3:	47.27	-5	8.24	0.12	32.8	891				28.74	25.12	21.89	18.95	16.19	13.70	11.74	9.61	7.69	6.56	5.12	128	0.500	1.
4:	30.13	-12	8.99	0.51	31.1	946				31.82	27.68	24.02	20.81	17.64	14.96	12.90	10.35	8.34	7.40	5.47	140	0.500	2.
	20100N	20100N	20150N	20050N	99999W	500	628.	1885.	3769.	6283.					2	7	09:10:14						
1:	682.68	-8	5.44	0.01	9.0	858				19.10	16.71	14.63	12.59	10.73	9.07	7.57	6.27	5.15	4.18	3.39	86	0.500	0.
2:	33.02	[illegible]	6.73	0.02	34.0	878				23.45	20.52	17.97	15.48	13.18	11.17	9.35	7.74	6.37	5.18	4.21	106	0.500	0.
3:	[illegible]	-11	7.57	0.14	31.8	988				25.48	22.56	19.88	17.12	14.57	12.47	10.40	8.63	7.19	5.86	4.82	115	1.000	0.
4:	[illegible]	[illegible]	7.64	0.31	47.4	1003				28.20	24.50	20.99	17.65	15.25	13.02	10.90	8.82	7.25	5.72	4.80	131	0.125	1.
	20150N	20150N	20200N	20100N	99999W	500	628.	1885.	3769.	6283.					2	7	09:14:08						
1:	[illegible]	[illegible]	5.68	0.01	35.2	643				19.93	17.42	15.24	13.18	11.21	9.45	7.89	6.54	5.38	4.36	3.52	93	0.250	0.
[illegible]	[illegible]	[illegible]	6.43	0.02	35.4	822				22.47	19.49	16.85	14.66	12.41	10.56	8.80	7.34	6.09	4.94	4.02	100	0.500	1.
[illegible]	[illegible]	[illegible]	5.36	0.03	44.9	1028				22.22	19.42	16.75	14.73	12.44	10.68	8.86	7.38	6.02	5.03	4.07	101	0.500	1.
[illegible]	[illegible]	[illegible]	[illegible]	0.07	33.8	976				26.72	22.88	19.15	16.94	14.13	12.16	9.99	8.51	7.34	5.77	4.49	115	0.500	2.
	20200N	20200N	20250N	20150N	99999W	[illegible]	628.	1885.	3769.	6283.					2	7	09:17:57						
1:	[illegible]	-48	5.48	0.03	72.0	642				19.21	16.80	14.76	12.72	10.91	9.15	7.66	6.34	5.17	4.27	3.45	87	0.500	0.
2:	194.[illegible]	[illegible]	[illegible]	0.11	101.0	733				20.25	17.28	14.96	12.87	10.98	9.24	7.71	6.40	5.13	4.24	3.36	95	0.125	1.
3:	[illegible]	[illegible]	5.81	0.02	79.6	884				21.32	18.34	16.10	13.83	11.99	9.98	8.32	6.83	5.54	4.68	3.78	98	0.250	1.
4:	[illegible]	[illegible]	[illegible]	0.11	51.1	1176				25.25	21.59	18.85	16.21	13.96	11.68	9.78	8.13	6.61	5.48	4.41	114	0.250	1.

```
20250N 20250N 20300N 20200N 99999W   300   628.  1885.  3769.  6283.                                              2    7 09:23:05
1:  232.44  [illegible]  4.77  0.04  45.7   487                 16.87  14.80  12.97  11.12   9.50   8.07   6.65   5.50   4.50   3.64   2.96   79  0.250   0.4
2:  102.92  [illegible]  5.18  0.11  81.5   647                 19.32  16.66  14.27  12.11  10.37   8.83   7.24   5.96   4.90   3.91   3.14   90  0.125   1.1
3:   74.44  -15   6.11  0.18  52.4   935                        22.01  19.34  16.71  14.24  12.29  10.69   8.63   7.07   5.78   4.63   3.79  101  0.250   1.3
4:   46.32   -9   6.71  0.23  26.7   970                        24.75  21.69  18.51  15.71  13.57  11.64   9.38   7.74   6.32   4.99   4.10  116  0.125   1.2
#
20300N 20300N 20350N 20250N 99999W   500   628.  1885.  3769.  6283.                                              2    7 09:26:49
1:  427.65   -1   4.31  0.07  79.0   537                        15.13  13.13  11.51   9.96   8.43   7.11   5.95   4.95   4.06   3.32   2.70   69  0.500   0.8
2:  229.41   -9   5.29  0.11  48.9   865                        19.49  16.68  14.47  12.35  10.46   8.84   7.37   6.10   5.01   4.12   3.31   88  0.250   1.3
3:  124.76  [illegible]  6.12  0.21  25.8   941                 21.71  18.69  16.29  14.06  11.97  10.10   8.49   7.04   5.79   4.80   3.86   97  0.500   1.2
4:  [illegible]  -20   7.39  0.25  20.8   987                   25.95  22.31  19.51  16.75  14.22  12.12  10.19   8.47   6.99   5.86   4.73  115  0.500   1.7
#
[illegible]  [illegible]  20400N 20300N 99999W   150   628.  1885.  3769.  6283.                                  2    7 09:30:48
1:  101.92    6   4.19  0.16  62.3   436                        15.10  12.93  11.23   9.89   8.20   7.15   5.70   4.77   3.90   3.24   2.60   69  0.250   1.5
2:   51.06  -11   4.71  0.53  25.3   654                        17.45  14.77  12.93  10.67   9.52   8.20   6.90   5.38   4.93   3.99   3.37   77  2.000   3.9
3:  [illegible]  -25   6.28  0.09  19.5   737                   21.37  18.37  16.79  14.24  13.17  10.54   8.73   7.18   5.95   4.84   4.06   97  1.000   2.4
4:   24.71  -46  12.02  0.64  13.9  1035                        28.46  33.31  30.08  26.37  23.61  19.38  16.13  13.23  11.56   9.23   7.68  172  2.000   1.9
#
20400N 20400N 20450N 20350N 99999W   200   628.  1885.  3769.  6283.                                              2    7 09:35:19
1:  155.45  -13   5.11  0.12  28.5   488                        17.50  15.26  13.28  11.32   9.77   8.29   7.05   5.84   4.87   3.96   3.29   79  1.000   1.4
2:   67.42  -18   6.39  0.21  22.4   635                        21.93  18.98  16.45  13.90  12.05  10.17   8.79   7.26   6.13   4.98   4.15   97  1.000   2.2
3:   50.31  -51  11.98  0.36  13.5   948                        39.16  34.55  30.16  25.53  22.27  18.93  16.36  13.54  11.46   9.27   7.83  172  2.000   1.9
4:   44.15  -59  18.49  0.60  22.7   759                        62.01  54.45  47.46  40.23  34.93  29.59  25.46  21.04  17.74  14.43  12.13  256  2.000   1.9
#
20450N 20450N 20500N 20400N 99999W   200   628.  1885.  3769.                                                     2    7 09:38:53
1:  158.22  -19   5.92  0.07  22.8   497                        16.05  15.18  14.14  12.36  10.92   9.26   7.97   6.75   5.62   4.67   3.84   99 32.000   2.
2:   88.13  -51  11.34  0.11  13.4   831                        36.69  32.40  28.81  24.57  21.31  17.86  15.29  12.92  10.82   8.92   7.40  164  2.000   1.
3:   37.90  -56  17.90  0.16  22.2   714                        61.27  53.56  47.08  39.84  34.32  28.59  24.34  20.43  17.06  14.00  11.59  252  1.000   1.
#
20500N 20500N 20550N 20450N 99999W   200   628.  1885.                                                             2    5 09:42:02
1:  183.95  -51  11.37  0.11  12.9   578                        36.80  32.56  28.49  25.03  21.35  18.34  15.46  12.94  10.81   8.92   7.34  164  2.000   0.9
2:   62.67  -58  17.58  0.21  21.9   591                        58.03  51.27  44.65  39.14  33.25  28.54  23.98  20.03  16.69  13.77  11.30  244  2.000   1.
#
20550N 20550N 20600N 20500N 99999W   200   628.                                                                    2    5 09:44:50
1:  [illegible]  -57  17.33  0.01  21.5   444                   57.02  50.53  44.36  38.63  33.22  28.08  23.80  19.83  16.42  13.53  11.19  242  2.000   0.

------- -------------   S C I N T R E X   ----------------------------
            IPR-12 MULTI-CHANNEL IP-RECEIVER V1.5
[illegible]                                Date:       96/09/08
[illegible]                                Serial #:   9211025
[illegible]          [illegible]DE         Units:          Metre
Array:    Pole-Dipole                      Mx From:   690 ms  To:  1050 m
--- ------------------------------------------------------------------
   [illegible]  P1    P2    C1    C2  curr    K1    K2    K3    K4    K5    K6    K7    K8 Timing Dur.   Time
N:        Vp    SP    Mx  S.D.    Rc   Rho    M1    M2    M3    M4    M5    M6    M7    M8    M9   M10   M11   M12   M13   M14   Mi   Tau   Rh
#
19450N 19450N 19500N 19400N 99999W   300   628.  1885.  3769.  6283.                                              2    7 10:23:16
1:  657.45    9   4.05  0.03  66.7  1377                        14.22  12.30  10.77   9.22   7.87   6.62   5.59   4.64   3.83   3.11   2.58   64  0.500   1.
2:  150.29  [illegible]  5.00  0.11  47.5  1573                 17.72  15.20  13.34  11.33   9.66   8.12   6.88   5.72   4.73   3.88   3.26   79  0.500   2.
3:  117.65    5   5.30  0.23  57.0  1478                        18.49  15.92  14.17  11.96  10.23   8.54   7.26   6.07   5.00   4.08   3.46   83  0.500   1.
4:   72.50   35   5.44  0.42  98.7  1518                        22.02  17.89  15.35  12.50  10.61   8.75   7.48   6.22   5.12   4.12   3.59  101  0.062   4.
#
19500N [illegible] 19550N 19450N 99999W   400   628.  1885.  3769.  6283.                                         2    7 10:27:47
1:  786.20   17   4.58  0.03  93.0  1235                        16.36  14.10  12.25  10.58   9.02   7.59   6.37   5.29   4.31   3.51   2.88   75  0.250   1
2:  [illegible]    6   4.78  0.11  58.0  1288                   17.84  15.02  12.98  11.21   9.42   7.90   6.64   5.45   4.54   3.55   2.87   83  0.125   1.
3:  [illegible]  [illegible]  4.72  0.28  97.1  1403            18.59  15.40  13.22  11.59   9.62   7.97   6.66   5.44   4.50   3.41   2.69   95  0.031   2.
4:  [illegible]  [illegible]  5.36  0.34  71.7  1351            20.86  16.98  14.59  12.76  10.68   8.77   7.18   6.13   5.24   3.66   2.85  114  0.015   4.
#
[illegible]  [illegible]  19500N  [illegible]  [illegible]  628.  1885.  3769.  6283.                            2    7 10:32:29
1: 1112.61    5   4.22  0.03  58.4  1400                        14.91  12.98  11.33   9.78   8.30   6.99   5.82   4.85   3.99   3.25   2.61   69  0.250   0.
2:  [illegible]  [illegible]  4.50  0.06  95.0  1521            16.59  14.15  12.20  10.40   8.82   7.39   6.19   5.20   4.22   3.42   2.78   78  0.125   1.
3:  [illegible]  -39   5.06  0.15  66.9  1542                   17.99  15.53  13.60  11.61   9.88   8.25   6.88   5.85   4.71   3.89   3.12   83  0.250   1.
4:  [illegible]                                                 20.02  16.74  14.39  12.17  10.27   8.63   7.18   6.16   4.95   4.11   3.31   91  0.125   2.
#
19600N 19600N 19650N 19550N 99999W   300   628.  1885.  3769.  6283.                                              2    7 10:36:29
```

1:	407.71	-22	2.67	0.08	95.9	1273		12.24	11.43	9.96	8.55	7.28	6.12	5.13	4.25	3.46	2.83	2.31	61	0.250	0.96
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		16.65	13.01	11.89	10.02	8.51	7.10	6.00	4.92	4.17	3.36	2.54	80	0.062	2.87
3:	[illegible]	43	[illegible]	2.55	43.7	1548		16.72	14.06	12.06	10.21	8.71	7.28	6.17	5.10	4.10	3.32	2.51	81	0.062	1.84
4:	52.41	-32	5.89	0.75	82.1	1935		23.75	19.66	16.59	13.88	11.73	9.85	8.34	6.82	5.51	4.62	3.58	119	0.031	2.95
19650N 19650N 19700N 19600N 99999W						500	628. 1885. 3769.	6283.					2	7 10:40:41							
1:	944.30	-24	3.75	0.03	79.3	1187		14.05	12.11	10.50	8.93	7.57	6.35	5.26	4.34	3.54	2.85	2.30	66	0.125	0.7
2:	494.29	51	4.14	0.15	42.9	1486		15.54	13.44	11.58	9.82	8.32	7.05	5.80	4.79	3.91	3.17	2.54	73	0.125	0.
3:	250.68	-43	5.62	0.17	77.8	1967		20.87	18.16	15.83	13.45	11.47	9.67	7.98	6.54	5.31	4.27	3.40	98	0.125	0.
4:	177.73	-9	6.73	0.24	59.9	1605		24.82	21.58	18.65	15.78	13.45	11.44	9.45	7.82	6.37	5.19	4.19	117	0.125	1.0
19700N 19700N 19750N 19650N 99999W						150	628. 1885. 3769.	6283.					2	7 10:44:32							
1:	222.12	55	3.93	0.02	49.7	930		12.55	10.99	9.38	8.33	7.12	6.18	5.18	4.36	3.74	3.06	2.55	60	4.000	3.3
2:	215.57	-47	5.92	0.09	83.1	1452		19.13	16.60	13.85	12.42	10.59	9.22	7.73	6.56	5.61	4.61	3.90	88	4.000	3.0
3:	51.14	-0	7.34	0.23	56.0	1285		21.56	19.06	15.85	14.50	12.36	10.87	9.27	8.02	6.98	5.68	4.84	117	32.000	3.
4:	[illegible]82	20	10.23	0.15	139.5	1149		34.60	28.70	22.41	20.25	17.47	15.34	13.47	11.04	9.93	8.22	7.08	156	16.000	6.6
[illegible] 19750N 19800N 19700N 99999W						500	628. 1885. 3769.	6283.					2	7 10:48:40							
1:	[illegible].49	-48	4.55	0.09	84.6	1172		16.63	14.44	12.60	10.72	9.17	7.65	6.36	5.22	4.31	3.52	2.88	76	0.250	1.1
2:	334.62	5	5.44	0.17	62.6	1262		20.57	17.64	15.20	12.85	10.97	9.10	7.58	6.23	5.15	4.23	3.47	95	0.125	1.8
3:	161.08	17	7.36	0.35	131.2	1215		25.99	22.67	19.88	16.89	14.61	12.12	10.18	8.37	7.00	5.79	4.81	116	0.500	1.7
4:	[illegible].49	-20	9.15	[illegible]	125.4	1099		32.05	28.06	24.45	20.81	18.05	15.00	12.59	10.39	8.70	7.20	6.02	142	0.500	1.9
[illegible] 19800N 19850N 19750N 99999W						500	628. 1885. 3769.	6283.					2	7 10:53:21							
1:	834.50	1	5.14	0.12	62.0	1049		18.45	16.05	14.06	12.01	10.18	8.57	7.18	5.92	4.87	3.95	3.20	85	0.250	0.6
2:	[illegible]	24	6.74	0.28	127.7	1165		23.56	20.55	18.07	15.42	13.10	11.09	9.33	7.73	6.40	5.20	4.23	106	0.500	0.8
3:	145.20	-30	8.66	0.50	116.6	1095		28.82	25.48	22.61	19.35	16.50	14.07	11.86	9.87	8.24	6.69	5.44	129	1.000	0.6
4:	106.28	-21	10.34	0.71	28.8	1336		34.89	30.66	27.16	23.19	19.75	16.89	14.29	11.85	9.85	8.04	6.60	154	1.000	0.9
19850N 19850N 19900N 19800N 99999W						100	628. 1885. 3769.	6283.					2	7 10:57:38							
1:	131.10	21	6.05	0.09	122.2	824		20.65	18.27	15.85	13.71	11.66	10.17	8.38	7.03	5.73	4.66	3.74	95	0.500	0.
2:	[illegible]	[illegible]	7.44	0.70	114.9	857		28.13	23.80	21.20	17.97	15.25	12.90	10.53	8.91	6.97	6.21	5.00	126	0.250	2.
3:	26.77	-24	9.09	0.48	28.3	1084		31.05	26.83	24.02	20.84	17.49	15.00	12.05	10.33	8.73	6.86	5.31	142	0.250	2.
4:	19.51	7	9.59	0.76	38.1	1226		34.01	28.90	25.88	22.67	18.73	16.28	12.82	11.04	9.21	7.53	5.59	153	0.250	2.
19900N 19900N 19950N 19850N 99999W						300	628. 1885. 3769.	6283.					2	7 11:02:13							
1:	392.43	-23	6.65	0.02	114.8	822		23.32	20.24	17.57	15.13	13.02	10.96	9.14	7.63	6.31	5.14	4.18	104	0.500	0.
2:	197.53	-18	7.64	0.03	34.3	1178		29.78	25.99	22.54	19.54	16.81	14.16	11.83	9.91	8.17	6.65	5.44	133	0.500	0.
3:	110.91	-2	9.45	0.03	42.2	1394		32.66	28.38	24.64	21.37	18.48	15.55	12.96	10.90	8.93	7.33	6.07	142	1.000	1.
4:	56.51	17	10.59	0.14	37.7	974		37.56	32.44	27.95	24.33	21.09	17.75	14.68	12.54	10.32	8.47	7.00	161	1.000	1.
19950N 19950N 20000N 19900N 99999W						500	628. 1885. 3769.	6283.					2	7 11:06:50							
1:	1155.42	-17	6.91	0.01	36.5	1452		23.83	20.93	18.41	15.87	13.58	11.48	9.57	7.94	6.54	5.35	4.31	108	0.500	0.
[illegible]	[illegible]	2	8.34	0.02	43.4	1782		28.98	25.31	22.18	19.09	16.34	13.82	11.52	9.59	7.89	6.45	5.24	129	0.500	0.6
[illegible]	158.02	19	9.66	0.04	16.0	1267		33.00	29.05	25.60	22.06	18.97	16.04	13.27	11.09	9.13	7.49	6.08	148	0.500	0.6
[illegible]	[illegible]4.49	-16	11.02	0.08	8.2	936		37.57	32.96	28.99	24.94	21.48	18.21	14.93	12.61	10.42	8.58	6.95	167	0.500	1.0
20000N [illegible] 20050N 19950N 99999W						500	628. 1885. 3769.	6283.					2	7 11:11:10							
[illegible]	[illegible]	[illegible]	6.45	0.02	41.9	3176		22.50	19.66	17.19	14.82	12.63	10.65	8.93	7.40	6.10	4.96	4.01	101	0.500	0.
[illegible]	[illegible]1.09	14	7.31	0.02	16.6	2228		26.28	22.93	19.99	17.23	14.70	12.41	10.42	8.62	7.11	5.79	4.69	117	0.500	0.
3:	125.09	-73	8.77	0.14	6.9	1396		29.70	26.09	22.72	19.77	16.87	14.34	12.09	10.02	8.31	6.77	5.51	132	1.000	0.
4:	100.22	-3	9.98	0.17	17.9	1259		34.65	30.15	25.88	22.59	19.17	16.37	13.81	11.38	9.47	7.68	6.24	152	0.500	1.
20050N 20050N 20100N 20000N 99999W						100	628. 1885. 3769.	6283.					2	7 11:16:56							
1:	405.93	22	6.63	0.03	17.7	1275		22.82	19.99	17.47	15.13	12.91	10.96	9.21	7.63	6.28	5.15	4.20	104	0.500	0.
2:	105.69	-18	7.64	0.03	7.4	996		26.09	22.87	19.83	17.31	14.71	12.58	10.61	8.83	7.24	5.99	4.93	116	1.000	1.
3:	51.25	-9	9.02	0.08	16.9	966		30.18	26.72	22.89	20.25	17.09	14.79	12.49	10.41	8.61	7.15	6.09	135	2.000	1.
4:	27.03	14	10.63	0.41	13.8	849		35.18	31.17	26.41	23.82	19.60	17.18	14.43	12.00	10.24	8.00	7.04	155	2.000	2.
20100N 20100N 20150N 20050N 99999W						200	628. 1885. 3769.	6283.					2	7 11:23:02							
1:	154.83	-59	6.20	0.06	7.3	1115		21.91	19.10	16.71	14.40	12.26	10.34	8.63	7.15	5.85	4.76	3.85	101	0.250	0.
[illegible]	126.54	[illegible]	7.16	0.15	16.9	1193		25.16	21.79	19.14	16.51	14.01	11.91	9.96	8.27	6.75	5.47	4.45	112	0.500	0.
[illegible]	55.53	5	8.59	0.32	12.7	1043		29.47	25.61	22.52	19.54	16.46	14.12	11.76	9.73	7.90	6.40	5.23	131	0.500	0.
[illegible]	[illegible]	-5	9.34	0.87	[illegible]	1090		33.75	28.88	25.38	22.07	18.38	15.94	13.17	10.90	8.74	6.95	5.75	150	0.250	1.
20150N 20150N 20200N 20100N 99999W						500	628. 1885. 3769.	6283.					2	7 11:27:11							

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[illegible] [illegible] -6 6.17 0.04 17.4 972                  21.84 19.08 16.71 14.37 12.21 10.29  8.61  7.11  5.84 4.76 3.84 101 0.250 0.61
[illegible] 11  7.41 [illegible] 14.1 1032                      26.09 22.79 19.93 17.12 14.51 12.26 10.28  8.51  7.03 5.74 4.66 116 0.500 0.92
[illegible] -11 8.59 0.27  5.9  969                             29.61 26.00 22.88 19.68 16.58 14.12 11.86  9.77  8.09 6.64 5.44 132 0.500 0.9[illegible]
[illegible] 95.37 [illegible] 9.37 [illegible] 12.1 [illegible] 31.88 27.92 24.58 21.21 17.94 15.18 12.68 10.62  8.96 7.46 5.93 140 1.000 1.5[illegible]

[illegible] 20200N 20250N 20150N 99999W  500  628. 1885. 3769. 6283.                              2   7 11:31:24
[illegible] 15  5.97 0.01 15.0  775                             20.89 18.25 15.97 13.73 11.71  9.86  8.28  6.84  5.65 4.62 3.77  94 0.500 0.81
[illegible] -12 7.32 0.07  5.9  899                             25.38 22.16 19.37 16.64 14.20 11.91 10.06  8.37  6.92 5.71 4.69 114 0.500 1.3[illegible]
[illegible] 126.73 -12 9.55 0.15 11.7  971                      28.62 25.14 22.03 19.00 16.28 13.64 11.59  9.73  8.09 6.72 5.57 128 1.000 1.7
[illegible] 72 -6 9.04 0.23 15.0 1190                           30.42 26.64 23.32 20.03 17.09 14.25 12.24 10.23  8.56 7.21 6.04 135 2.000 2.5[illegible]

20250N 20250N 20300N 20200N 99999W  500  628. 1885. 3769. 6283.                               2   7 11:35:45
1: 526.83 -12 5.30 0.19  7.6  662                               18.93 16.46 14.30 12.33 10.53  8.82  7.37  6.14  5.00 4.09 3.29  87 0.250 0.6
2: 115.12  -5 6.73 0.53 12.9  811                               23.83 20.76 18.00 15.61 13.27 11.17  9.33  7.79  6.35 5.24 4.25 106 0.500 1.0
3: 140.41 -11 7.39 0.88 14.1 1059                               26.01 22.81 19.71 17.18 14.66 12.23 10.24  8.59  6.95 5.75 4.59 116 0.500 0.[illegible]
4:  74.55  -4 8.45 1.39 16.4  937                               29.81 26.09 22.32 19.54 16.75 13.91 11.70  9.82  7.97 6.62 5.28 135 0.250 1.0

20300N 20300N 20350N 20250N 99999W  500  628. 1885. 3769. 6283.                               2   7 11:39:57
[illegible] 569.[illegible]  -5 4.80 0.05 16.2  716             16.96 14.73 12.95 11.15  9.50  7.98  6.68  5.52  4.54 3.71 3.00  79 0.250 0.[illegible]
[illegible]  -8 5.72 0.09 17.7 1019                             20.94 18.04 15.79 13.59 11.50  9.62  8.06  6.60  5.42 4.42 3.58  95 0.250 0.[illegible]
[illegible] 121.57 -11 7.05 0.21 15.4  919                      25.05 21.69 19.20 16.53 14.07 11.74  9.89  8.10  6.69 5.47 4.37 115 0.250 0.[illegible]
[illegible]   1 9.79 0.32 16.3  747                             33.19 28.81 25.46 22.12 18.74 15.65 13.23 10.82  8.91 7.41 6.06 147 0.500 1.0

20350N 20350N 20400N 20300N 99999W  500  628. 1885. 3769. 6283.                               2   7 11:43:52
1: 705.63 -13 4.05 0.03 18.3  887                               14.59 12.64 11.02  9.46  8.03  6.73  5.60  4.65  3.82 3.12 2.51  67 0.250 0.7
2: 232.69  -2 5.45 0.04 17.4  873                               19.16 16.63 14.45 12.45 10.57  8.88  7.40  6.24  5.12 4.23 3.42  86 0.500 1.3
3:  93.[illegible]  -3 [illegible] 0.08 15.1  702               27.97 24.54 21.56 18.66 15.96 13.52 11.28  9.52  7.83 6.49 5.23 125 1.000 0.8
4: [illegible] -29 9.72 0.15 20.5  793                          33.06 28.87 25.43 22.02 18.73 15.70 12.92 11.09  9.24 7.58 6.16 145 1.000 1.[illegible]

[illegible] [illegible] 20450N 20350N 99999W  500  628. 1885. 3769. 6283.                        2   7 11:48:17
[illegible] 214.91  -6 3.84 0.05 17.0  773                      13.80 11.92 10.38  8.94  7.57  6.40  5.34  4.43  3.63 2.97 2.40  64 0.250 0.[illegible]
2: 270.65 [illegible] [illegible] 0.16 15.8  643                23.10 20.09 17.54 15.21 12.93 11.06  9.22  7.67  6.30 5.20 4.20 104 0.500 0.[illegible]
3:  98.51 -36 8.47 0.24 19.3  743                               28.75 25.20 22.01 19.23 16.23 14.01 11.65  9.72  7.98 6.59 5.32 128 1.000 0.6
4:  77.94 -21 10.97 0.46 27.4 1042                              38.51 33.50 29.12 25.29 21.33 18.36 15.21 12.62 10.29 8.44 6.82 167 0.500 0.[illegible]

20450N 20450N 20500N 20400N 99999W  500  628. 1885. 3769.                                     2   7 11:51:31
1: 437.15   3 5.19 0.01 15.5  549                               17.08 15.13 13.35 11.63  9.92  8.43  7.09  5.92  4.91 4.04 3.30  79 1.000 0.[illegible]
2: 180.20 -37 7.70 0.03 19.1  679                               25.63 22.58 19.85 17.24 14.63 12.43 10.48  8.75  7.29 6.02 4.92 116 1.000 1.[illegible]
3: 129.06 -20 10.75 0.04 27.0  973                              36.57 32.17 28.13 24.38 20.57 17.44 14.64 12.22 10.17 8.39 6.84 159 1.000 1.

20500N 20500N 20550N 20450N 99999W  500  628. 1885.                                           2   7 11:54:51
1: 399.71 -37 6.94 0.07 19.1  502                               23.01 20.18 17.77 15.43 13.25 11.27  9.50  7.96  6.59 5.44 4.44 105 2.000 0.[illegible]
2:  76.53 -21 10.60 0.17 26.3  779                              35.91 31.42 27.54 23.82 20.36 17.32 14.54 12.21 10.07 8.34 6.77 157 1.000 0.[illegible]

20550N 20550N 20600N 20500N 99999W  200  628.                                                 2   7 11:57:39
[illegible] 13 -20 11.34 0.42 26.8  491                         37.92 33.40 29.28 25.45 21.82 18.54 15.83 13.11 10.73 8.98 7.29 168 1.000 [illegible]

-------------------------  S C I N T R E X  ----------------------------
             IPR-12 MULTI-CHANNEL IP-RECEIVER V1.5
[illegible]                          Date:      96/09/08
Operator: [illegible]                Serial #:  9211025
[illegible] 9800E                    Units:     Metre
[illegible]                          Mx From:   690 ms  To: 1050 ms
------------------------------------------------------------------------
    [illegible]   P2    C1    C2  curr   K1    K2    K3    K4    K5    K6    K7    K8 Timing Dur.    Time
    [illegible]      Tx S.D.  Vc   Rho   M1    M2    M3    M4    M5    M6    M7    M8    M9   M10   M11   M12   M13   M14  Mi   Tau  R[illegible]

[illegible] 19500N 19400N 99999W  200  628. 1885. 3769. 6283.                                2   7 13:08:04
[illegible] 23 3.[illegible] 0.03 58.5 1255                     12.68 10.99  9.64  8.32  7.14  6.01  5.07  4.27  3.51 2.90 2.37  58 1.000 1.
[illegible] 0.09 76.5 [illegible]                               15.53 13.40 11.71 10.09  8.64  7.17  6.08  5.19  4.16 3.43 2.80  70 0.500 1.
3: [illegible].93 19 [illegible].37 0.14 82.6 1734              16.69 14.55 12.93 11.26  9.74  7.97  6.76  5.81  4.67 3.89 3.12  76 1.000 1.
[illegible] 0.29 104.9 1694                                     20.10 16.96 14.57 12.45 10.73  8.92  7.49  6.46  5.06 4.14 3.41  89 0.250 [illegible]

[illegible] 99999W  500  628. 1885. 3769. 6283.                                                 2   7 13:12:32
1: 1275.65 [illegible] 4.[illegible] 0.02 36.0 1603             14.60 12.71 11.11  9.54  8.14  6.85  5.72  4.74  3.91 3.18 2.58  68 0.250 [illegible]
2: 551.15 [illegible] 4.[illegible] [illegible] 73.1 2076       16.76 14.43 12.50 10.75  9.12  7.67  6.41  5.31  4.39 3.56 2.89  76 0.250 1.
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2:	279.56	-2	5.04	0.10	91.5	2100				18.05	15.65	13.59	11.70	9.98	8.38	6.99	5.90	4.90	3.88	3.14	93	0.250	0.9
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				20.16	17.27	14.86	12.78	10.94	9.13	7.55	6.25	5.28	4.23	3.42	91	0.250	1.5
19550N	19550N	19600N	19500N	99999W		300	628.	1885.	3769.	6283.					2	7	13:16:45						
	[illegible]	15	4.05	0.03	92.1	1527				13.91	12.18	10.74	9.25	7.93	6.67	5.61	4.66	3.85	3.13	2.54	64	0.500	0.51
	[illegible]	-5	4.53	0.10	108.4	1956				16.84	14.33	12.34	10.45	8.94	7.44	6.27	5.17	4.34	3.50	2.83	75	0.250	1.96
	[illegible]	-20	4.90	0.16	48.1	1822				17.73	15.31	13.37	11.32	9.76	8.07	6.79	5.55	4.71	3.81	3.05	81	0.250	1.41
	[illegible]	2	5.90	0.23	21.0	2155				21.57	18.51	16.16	13.59	11.71	9.64	8.18	6.74	5.62	4.52	3.68	97	0.250	1.55
19600N	19600N	19650N	19550N	99999W		300	628.	1885.	3769.	6283.					2	7	13:21:21						
	[illegible]	-4	4.18	0.01	109.7	1053				14.68	12.81	11.18	9.59	8.19	6.90	5.76	4.81	3.94	3.22	2.60	66	0.500	0.9
	[illegible]	-11	4.61	0.08	59.1	1339				17.39	14.90	12.78	10.79	9.12	7.70	6.50	5.32	4.35	3.58	2.86	81	0.125	1.6
	[illegible]	-7	5.62	0.07	24.1	1770				20.41	17.82	15.31	13.00	11.12	9.37	7.94	6.56	5.28	4.36	3.48	93	0.250	1.1
	[illegible]	[illegible]	[illegible]	[illegible]	13.6	[illegible]				23.43	20.41	17.49	14.80	12.67	10.66	9.07	7.56	6.09	5.07	4.03	106	0.250	1.6
19650N	19650N	19700N	19600N	99999W		350	628.	1885.	3769.	6283.					2	7	13:25:35						
	494.25	-9	4.11	0.01	51.1	887				14.62	12.70	11.10	9.51	8.12	6.81	5.65	4.74	3.90	3.17	2.58	68	0.250	1.0
	268.67	-6	5.26	0.02	23.9	1447				18.93	16.39	14.17	12.09	10.37	8.62	7.30	6.05	4.98	4.05	3.30	86	0.250	1.2
	170.98	10	6.21	0.03	13.0	1842				21.74	18.92	16.46	14.10	12.13	10.10	8.53	7.11	5.92	4.75	3.91	97	0.500	1.1
4:	[illegible]	11	6.51	0.10	5.4	1630				23.05	20.01	17.35	14.84	12.78	10.56	8.97	7.44	6.16	4.97	4.06	105	0.250	1.
19700N	19700N	19750N	19650N	99999W		350	628.	1885.	3769.	6283.					2	7	13:30:49						
1:	386.29	-8	4.69	0.14	26.8	693				16.42	14.49	12.63	10.86	9.16	7.77	6.56	5.38	4.44	3.64	2.94	75	0.500	0.8
2:	199.49	15	5.68	0.30	14.2	1074				20.15	17.76	15.44	13.14	11.21	9.46	8.00	6.53	5.38	4.43	3.55	93	0.250	0.9
3:	93.17	5	5.96	0.51	4.8	1004				21.03	18.82	16.38	13.93	11.78	10.01	8.53	6.84	5.63	4.65	3.66	98	0.250	1.0
	54.95	-17	6.26	0.82	6.1	1022				22.24	20.10	17.45	14.65	12.40	10.60	9.06	7.18	5.89	4.91	3.83	104	0.250	1.4
19750N	19750N	19800N	19700N	99999W		400	628.	1885.	3769.	6283.					2	7	13:35:35						
	[illegible]	17	5.55	0.04	14.0	1941				18.98	16.66	14.66	12.71	10.89	9.18	7.71	6.39	5.25	4.29	3.47	87	0.500	0.4
	388.79	-6	5.81	0.21	6.2	1832				20.30	17.75	15.57	13.51	11.53	9.63	8.05	6.73	5.48	4.50	3.64	92	0.500	0.6
	[illegible]	-10	5.84	0.51	6.6	1692				20.75	18.03	15.74	13.62	11.64	9.62	8.04	6.80	5.52	4.54	3.64	96	0.250	1.0
	112.75	-20	6.77	0.79	39.0	1771				25.74	21.84	18.59	15.99	13.60	11.16	9.28	7.92	6.40	5.31	4.24	117	0.125	2.1
[illegible]	[illegible]	[illegible]	19750N	99999W		500	628.	1885.	3769.	6283.					2	7	13:39:49						
	[illegible]	7	5.65	0.01	5.2	1771				19.75	17.22	15.06	12.98	11.08	9.34	7.83	6.49	5.35	4.35	3.53	89	0.500	0.6
	[illegible]	[illegible]	[illegible]	[illegible]	6.1	1749				19.90	17.32	15.07	12.99	11.07	9.30	7.81	6.47	5.35	4.33	3.55	89	0.500	1.0
	[illegible]	-22	6.55	0.05	37.9	1332				23.22	20.24	17.54	15.11	12.89	10.80	9.06	7.54	6.20	4.99	4.06	106	0.250	0.8
	[illegible]	-4	7.35	0.05	40.0	1292				29.20	25.44	22.04	19.06	16.23	13.54	11.51	9.52	7.92	6.32	5.20	129	0.500	1.1
19850N	19850N	19900N	19800N	99999W		500	628.	1885.	3769.	6283.					2	7	13:43:48						
1:	1223.62	-17	4.77	0.06	6.2	1538				17.02	14.83	12.97	11.08	9.46	7.95	6.65	5.50	4.51	3.68	2.99	79	0.250	0.
2:	369.99	-21	5.75	0.09	36.9	1772				20.95	18.22	15.82	13.50	11.49	9.65	8.02	6.62	5.45	4.46	3.64	95	0.250	1.0
3:	189.90	-8	7.73	0.28	37.9	1432				27.29	23.84	20.81	17.81	15.18	12.82	10.66	8.88	7.31	5.98	4.72	125	0.250	0.
	[illegible]	12	9.34	0.24	7.5	1313				32.93	29.01	25.22	21.58	18.52	15.63	12.96	10.70	8.85	7.26	5.99	145	0.500	1.
19900N	19900N	19950N	19850N	99999W		500	628.	1885.	3769.	6283.					2	7	13:49:03						
1:	1091.14	16	4.98	0.11	141.3	1371				17.39	15.36	13.42	11.46	9.76	8.28	6.90	5.74	4.72	3.84	3.12	79	0.500	0.
	319.69	-39	7.23	0.34	144.3	1205				27.71	23.67	20.14	16.80	14.29	12.14	10.13	8.37	6.92	5.66	4.60	126	0.125	2.
3:	159.46	16	9.09	0.41	7.3	1202				31.04	27.44	23.77	19.96	17.09	14.82	12.39	10.31	8.71	7.02	5.65	138	0.500	1.
	[illegible]	9	10.12	0.78	9.2	1034				34.98	31.15	26.59	22.22	19.17	16.60	13.87	11.60	9.62	7.97	6.52	151	1.000	2.
[illegible]	19950N	20000N	19900N	99999W		500	622.	1885.	3769.	6283.					2	7	13:53:28						
	[illegible]	[illegible]	6.50	0.07	125.3	971				24.32	20.90	18.05	15.32	13.02	10.87	9.00	7.51	6.10	4.97	4.00	112	0.125	1.
	[illegible]	16	8.32	0.02	6.7	1091				29.63	25.78	22.54	19.35	16.45	13.87	11.56	9.55	7.86	6.34	5.12	134	0.250	0.
	[illegible]	2	9.40	0.04	4.0	1053				33.08	28.85	25.35	21.80	18.52	15.70	13.09	10.79	8.89	7.18	5.85	150	0.250	0.
	[illegible]	[illegible]	[illegible]	0.03	4.1	1160				34.12	29.71	26.22	22.63	19.32	16.38	13.69	11.39	9.39	7.59	6.21	151	0.500	0.
[illegible]	[illegible]	20050N	19950N	99999W		200	628.	1885.	3769.	6283.					2	7	13:58:01						
	[illegible]	[illegible]	7.72	0.13	7.9	708				27.16	23.83	20.73	17.81	15.15	12.82	10.69	8.87	7.30	5.90	4.75	124	0.250	0.
	[illegible]	[illegible]	[illegible]	0.37	4.5	[illegible]				32.29	28.58	24.77	21.22	18.06	15.36	12.71	10.63	8.72	6.99	5.60	147	0.250	0.
	[illegible]	[illegible]	[illegible]	0.50	2.9	762				33.41	30.04	26.11	22.52	19.34	16.68	13.80	11.64	9.67	8.04	6.59	150	2.000	[illegible]
	[illegible]	[illegible]	[illegible]	1.72	[illegible]	1210				32.18	29.18	25.96	21.62	18.43	15.96	13.16	11.25	9.24	7.00	5.48	150	0.250	[illegible]
20050N	20050N	20100N	20000N	99999W		500	628.	1885.	3769.	6283.					2	7	14:02:44						
	[illegible]	30	[illegible]	0.07	20.5	706				29.44	25.57	22.28	19.14	16.19	13.62	11.34	9.34	7.65	6.21	5.00	132	0.250	0.
	[illegible]	-10	8.96	0.12	4.2	879				31.06	27.07	23.72	20.57	17.45	14.80	12.43	10.30	8.48	6.95	5.63	138	0.500	0.

3:	170.61	9	8.08	0.22	3.2	1286				28.69	24.82	21.68	18.83	15.85	13.46	11.26	9.30	7.65	6.26	5.07	126	0.500	1.0
4:	[illegible]	-1	12.68	0.36	2.5	1354				43.84	38.10	33.34	29.07	24.52	20.91	17.55	14.55	12.02	9.88	8.02	191	0.500	0.9
20100N	20100N	20150N	20250N	99999W		500	628.	1885.	3769.	6283.						2	7 14:09:26						
1:	582.55	-19	8.11	0.03	7.5	732				28.17	24.68	21.67	18.68	15.91	13.43	11.26	9.33	7.66	6.24	5.04	126	0.500	0.
2:	766.30	18	7.31	0.07	7.6	1006				26.48	22.90	20.04	17.15	14.51	12.22	10.22	8.43	6.87	5.62	4.54	119	0.250	0.7
3:	[illegible]	[illegible]	11.75	0.11	2.2	1309				40.89	35.66	31.37	26.96	22.91	19.38	16.26	13.48	11.03	9.07	7.33	178	0.500	0.6
4:	[illegible]	-49	14.23	0.15	3.4	1453				49.85	43.31	38.06	32.62	27.68	23.40	19.71	16.34	13.34	10.96	8.86	212	0.500	0.8
20150N	20150N	20200N	20100N	99999W		500	628.	1885.	3769.	6283.						2	7 14:15:23						
1:	564.4?	1?	6.94	0.04	5.3	709				25.00	21.76	19.00	16.27	13.82	11.63	9.70	8.00	6.57	5.35	4.30	114	0.250	0.5
2:	[illegible]	[illegible]	11.28	0.08	2.5	1139				39.32	34.37	30.13	25.87	22.05	18.63	15.61	12.94	10.68	8.76	7.09	172	0.500	0.7
3:	[illegible]	-39	13.67	0.10	8.5	1255				47.29	41.40	36.31	31.15	26.57	22.49	18.87	15.67	12.96	10.67	8.63	204	0.500	0.8
4:	[illegible]	[illegible]	10.85	0.33	17.0	1363				37.95	33.09	28.97	24.79	20.99	17.91	15.02	12.41	10.35	8.58	6.94	166	0.500	1.
20150N	20200N	20250N	20150N	99999W		500	628.	1885.	3769.	6283.						2	7 14:19:28						
1:	716.?3	-1?	10.78	0.01	2.0	901				37.04	32.51	28.55	24.59	21.05	17.75	14.91	12.38	10.21	8.34	6.78	164	0.500	0.5
2:	323.01	-36	14.16	0.04	7.9	1219				48.64	42.65	37.47	32.24	27.62	23.24	19.54	16.26	13.41	10.97	8.93	210	0.500	0.7
3:	166.53	2	11.07	0.07	15.5	1256				37.90	33.19	29.29	25.19	21.62	18.11	15.29	12.70	10.46	8.58	7.03	168	0.500	0.9
4:	[illegible]	10	8.70	0.05	17.4	1286				33.37	28.99	25.75	22.01	19.06	15.77	13.37	11.16	9.17	7.52	6.18	148	0.500	1.
[illegible]	20250N	20300N	20200N	99999W		500	628.	1885.	3769.	6283.						2	7 14:23:38						
1:	731.29	-4	13.96	0.02	10.9	919				47.70	41.84	36.71	31.67	27.06	22.90	19.24	15.99	13.23	10.83	8.81	207	0.500	0.5
2:	[illegible]	4	11.44	0.01	18.3	1040				39.62	34.59	30.26	26.13	22.23	18.85	15.79	13.11	10.86	8.89	7.21	173	0.500	0.
3:	151.27	6	9.56	0.03	16.9	1141				32.47	28.43	24.87	21.67	18.35	15.60	13.15	10.91	9.08	7.51	6.05	143	1.000	0.
4:	49.50	-3	9.37	0.09	44.1	1178				35.12	29.62	25.32	21.58	18.14	15.39	12.91	10.71	8.95	7.32	6.03	151	0.250	2.
20300N	20300N	20350N	20250N	99999W		500	628.	1885.	3769.	6283.						2	7 14:27:52						
1:	[illegible]	-7	12.55	0.06	17.5	794				43.95	38.42	33.58	28.91	24.64	20.79	17.39	14.40	11.88	9.68	7.83	190	0.500	0.
2:	25? 47	18	10.55	0.13	16.7	997				36.28	31.73	27.69	23.99	20.45	17.28	14.49	12.01	10.02	8.11	6.59	160	0.500	0.
3:	139.2?	-19	10.22	0.24	19.0	1054				34.57	30.34	26.55	23.04	19.75	16.77	14.02	11.61	9.72	7.91	6.40	152	1.000	0.
4:	[illegible]	[illegible]	10.96	0.27	27.7	1005				37.19	32.40	28.11	24.34	20.88	17.92	15.06	12.24	10.39	8.40	6.82	161	1.000	1.
[illegible]	20350N	[illegible]	20300N	99999W		500	628.	1885.	3769.	6283.						2	7 14:31:59						
[illegible]	[illegible]	16	8.34	0.05	18.8	775				30.34	26.34	22.93	19.58	16.58	13.93	11.61	9.61	7.88	6.43	5.17	135	0.250	0
[illegible]	[illegible]	1	8.80	0.12	25.2	922				31.44	27.38	23.89	20.39	17.28	14.55	12.17	10.12	8.33	6.79	5.49	142	0.250	0.
[illegible]	[illegible]	2	9.98	0.07	32.3	943				34.06	29.92	26.30	22.39	19.15	16.24	13.62	11.39	9.47	7.78	6.32	149	1.000	1.
[illegible]	[illegible]	[illegible]	[illegible]	0.47	20.6	649				36.01	31.44	27.38	23.40	19.79	16.68	14.10	11.71	9.67	7.95	6.39	156	0.500	1.
[illegible]	[illegible]	[illegible]	20350N	99999W		500	628.	1885.	3769.	6283.						2	7 14:36:41						
[illegible]	[illegible]	[illegible]	5.04	0.02	27.9	826				18.10	15.72	13.69	11.69	10.00	8.37	6.98	5.79	4.76	3.90	3.15	83	0.250	0.
[illegible]	156.??	[illegible]	6.71	0.02	30.2	967				23.81	20.56	18.04	15.41	13.19	11.15	9.28	7.67	6.37	5.21	4.26	106	0.500	1.
[illegible]	[illegible]	-15	7.68	0.09	29.2	661				27.02	23.56	20.76	17.68	15.36	12.96	10.79	9.04	7.45	6.12	5.00	120	1.000	1.
[illegible]	[illegible]	[illegible]	4.27	0.15	25.7	620				29.07	25.19	22.11	18.59	16.37	13.68	11.34	9.42	7.83	6.44	5.20	128	0.500	1.
[illegible]	[illegible]	[illegible]	20400N	99999W		500	628.	1885.	3769.							2	7 14:40:21						
[illegible]	[illegible]	43	4.63	0.00	33.5	1006				15.98	13.98	12.38	10.60	9.03	7.62	6.40	5.31	4.38	3.58	2.92	73	0.500	0.
[illegible]	135.42	-57	5.18	0.01	28.8	699				21.45	18.62	16.56	14.02	11.99	10.11	8.50	7.08	5.87	4.78	3.92	97	0.500	1.
3:	32.9?	0	6.84	0.05	25.2	619				23.81	20.61	18.73	15.60	13.35	11.22	9.39	7.83	6.51	5.27	4.29	107	0.500	1.
[illegible]	[illegible]	20550N	20450N	99999W		200	628.	1885.								2	5 14:43:53						
1	[illegible]	-87	4.76	0.02	28.6	717				16.28	14.23	12.57	10.69	9.24	7.76	6.51	5.43	4.52	3.69	3.01	75	0.500	1.
[illegible]	[illegible]	[illegible]	[illegible]	0.07	25.4	599				20.33	17.92	15.97	13.26	11.66	9.66	8.03	6.73	5.70	4.56	3.78	93	0.500	1.
[illegible]	[illegible]	[illegible]	20500N	99999W		100	628.									2	5 14:46:26						
[illegible]	[illegible]	0	5.66	0.10	24.4	281				19.33	17.06	14.77	12.76	10.88	9.22	7.73	6.39	5.38	4.36	3.60	88	0.500	1.

------------------------- S C I N T R E X ----------------------------

IP-R2 MULTI-CHANNEL IP-RECEIVER V1.S

Date: 96/09/08
Serial #: 9211025
Units: Metre
Mx From: 690 ms To: 1050 ms

								K2	K3	K4	K5	K6	K7	K8	Timing	Dur.	Time				
	Vp	SP	Mx		Rc	Rho	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	Mi Tau K

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[illegible]                                                              [illegible] 15:0?:35
[illegible]  [illegible] 2366      19.77 17.20 15.02 12.91 10.98  9.26  7.74  6.41  5.27 4.32 3.48  91 0.250 0.9
[illegible] 122.32   2  6.22 0.01  98.3 1592      22.51 19.42 16.88 14.47 12.28 10.37  8.72  7.17  5.88 4.82 3.90 102 0.250 1.0
[illegible]      -2  5.61 0.08 101.1 1227      23.55 20.48 17.79 15.28 12.91 10.96  9.19  7.59  6.24 5.09 4.10 108 0.250 0.8
[illegible]     -26  7.24 0.08  46.9 1384      26.61 22.90 19.71 16.97 14.24 12.17 10.22  8.36  6.84 5.64 4.50 119 0.250 [illegible]

[illegible] 20000N 20050N 19950N 99999W  500  628. 1885. 3769. 6283.      2  6 15:11:59
[illegible]  5.36 0.01 122.6 2841      22.72 19.79 17.30 14.87 12.64 10.61  8.87  7.32  6.01 4.89 3.95 104 0.250 [illegible]
[illegible] 351.16   2  6.72 0.01 107.1 2076      25.45 21.78 18.71 15.85 13.49 11.28  9.40  7.74  6.36 5.14 4.19 117 0.125 [illegible]
3: [illegible] -31  7.01 0.02  44.5 2036      25.27 22.06 19.26 16.35 14.00 11.73  9.84  8.05  6.63 5.36 4.33 115 0.250 [illegible]
4: 122.10   2  8.42 0.04  32.7 1535      30.36 26.34 22.97 19.34 16.66 13.99 11.70  9.78  7.94 6.49 5.29 136 0.250 [illegible]

20050N 20050N 20100N 20000N 99999W  200  628. 1885. 3769. 6283.      2  6 15:16:25
[illegible] 221.91  -2  5.79 0.04 111.1 1671      20.71 17.86 15.51 13.32 11.30  9.54  7.99  6.60  5.49 4.47 3.64  95 0.250 [illegible]
[illegible]     -22  6.23 0.01  51.0 1954      23.12 19.75 17.07 14.56 12.36 10.40  8.60  7.18  5.88 4.79 3.91 108 0.125 1.6
[illegible] 77.92  -3  7.87 0.31  31.8 1452      27.38 23.48 20.54 17.80 15.23 12.80 10.76  9.08  7.43 6.01 5.07 122 0.500 1.6
4: 49.68  -6  9.38 0.66  27.0 1561      31.87 27.12 23.51 19.93 16.76 14.02 11.45  9.69  7.93 6.58 5.22 144 0.125 1.9

[illegible] 20150N 20050N 99999W  150  628. 1885. 3769. 6283.      2  6 15:20:56
1: [illegible] -24  5.47 0.04  61.6 1227      19.62 16.90 14.79 12.63 10.80  9.03  7.50  6.26  5.18 4.25 3.43  90 0.250 [illegible]
[illegible]       2  7.04 0.05  48.7 1091      25.17 21.27 18.73 16.27 13.70 11.51  9.74  8.09  6.73 5.35 4.27 113 0.250 [illegible]
[illegible]     -12  8.41 0.13  25.2 1271      29.28 24.71 21.85 18.99 16.27 13.53 11.41  9.60  7.99 6.47 5.28 129 0.500 [illegible]
4: 33.52  27 10.27 0.10  65.8 1404      37.31 30.69 26.50 22.86 19.76 16.35 13.75 11.74  9.85 7.83 6.34 155 0.500 2.7

20250N [illegible] 20150N 99999W  500  628. 1885. 3769. 6283.      2  6 15:24:43
1: 346.49  -4  5.07 0.03  42.1 1064      18.10 15.78 13.79 11.83 10.05  8.45  7.06  5.83  4.80 3.91 3.15  84 0.250 0.5
[illegible]      -3  6.48 0.06  26.5 1422      23.46 20.35 17.60 15.11 12.79 10.78  9.01  7.45  6.12 4.98 4.04 106 0.250 0.9
3: [illegible]  29  8.17 0.03  60.5 1672      29.23 25.51 22.10 19.14 16.14 13.63 11.36  9.43  7.72 6.28 5.05 132 0.250 [illegible]
4: [illegible] -60 10.17 0.18  72.5 2090      36.87 32.09 27.65 23.69 20.02 16.96 14.15 11.71  9.60 7.83 6.32 163 0.250 [illegible]

20200N 20200N 20250N 20150N 99999W  400  628. 1885. 3769. 6283.      2  6 15:28:46
1: 675.74  -3  5.00 0.00  29.3 1061      17.83 15.46 13.55 11.66  9.88  8.34  6.94  5.74  4.73 3.86 3.14  82 0.250 0.
2: 316.91  32  6.69 0.04  59.8 1493      24.22 20.90 18.20 15.61 13.12 11.15  9.35  7.71  6.36 5.13 4.12 109 0.250 0.
3: 209.96 -59 10.51 0.34  71.3 1979      34.33 30.17 26.59 22.41 18.90 16.50 13.45 11.90 10.17 7.90 6.40 151 1.000 2.
4: 125.41  20  7.84 0.94  41.7 1970      34.64 29.28 25.16 23.12 18.11 15.15 13.24  9.48  7.12 6.30 5.46 210 0.007 5.

20250N 20250N 20300N 20200N 99999W  300  628. 1885. 3769. 6283.      2  6 15:32:56
[illegible] 494.74  34  5.24 0.02  65.8 1036      18.36 16.02 14.08 12.10 10.30  8.68  7.31  6.05  4.95 4.06 3.30  88 0.500 [illegible]
[illegible]            [illegible]  66.5 1729      27.78 23.78 20.54 17.67 14.91 12.51 10.54  8.70  7.18 5.82 4.69 123 0.250 1.
[illegible]        10.12 0.05  36.8 1726      35.90 31.03 27.10 23.35 19.68 16.61 14.15 11.63  9.58 7.82 6.28 161 0.250 1.
[illegible]        11.15 0.13  25.7 1296      40.86 34.73 30.16 25.97 21.84 18.19 15.86 12.94 10.53 8.79 6.88 178 0.250 1.

[illegible] 20300N 20350N 20250N 99999W  500  628. 1885. 3769. 6283.      2  6 15:37:13
[illegible]     -57  5.89 0.04  72.8 1402      21.17 18.38 16.01 13.75 11.77  9.86  8.22  6.80  5.57 4.55 3.69  97 0.250 0.
[illegible]         8.95 0.02  43.7 1643      32.23 28.00 24.32 20.81 17.73 14.87 12.48 10.29  8.46 6.90 5.61 144 0.250 0.
[illegible]           0.05  25.2 1305      37.57 32.68 28.42 24.33 20.68 17.34 14.48 12.00  9.85 8.00 6.50 167 0.250 0.
[illegible]                28.9 1020      32.81 28.29 24.59 20.99 17.85 15.00 12.54 10.38  8.50 6.99 5.61 146 0.250 1.

20350N 20350N 20400N 20300N 99999W  150  628. 1885. 3769. 6283.      2  6 15:43:39
[illegible]       32  7.99 0.02  39.2 1068      27.84 24.33 21.23 18.09 15.51 13.04 10.96  9.08  7.59 6.20 5.04 124 0.500 1.
[illegible]        5  8.89 0.23  26.6  971      35.51 30.96 26.82 22.62 19.36 16.28 13.68 11.28  9.36 7.68 6.16 158 0.250 1.
[illegible]      -17  9.92 0.63  18.4  799      30.68 27.22 23.78 19.95 17.32 14.54 12.30 10.08  8.53 7.19 5.88 135 1.000 [illegible]
[illegible]                27.8  658      28.52 25.43 21.99 18.38 15.67 13.26 11.36  9.54  8.21 6.70 5.33 126 1.000 2

20400N 20400N 20450N 20350N 99999W  250  628. 1885. 3769. 6283.      2  6 15:47:36
[illegible]          8.73 0.06  29.2  954      32.52 28.12 24.41 20.82 17.62 14.70 12.23 10.10  8.25 6.64 5.36 [illegible] 0.125 [illegible]
[illegible]          8.17 0.14  19.4  849      30.42 26.23 22.50 19.21 16.44 13.82 11.54  9.39  7.68 6.35 5.14 141 0.125 [illegible]
4: [illegible]   3  7.42 0.30  21.3  733      26.86 23.65 20.39 17.14 14.61 12.37 10.23  8.54  7.00 5.66 4.67 121 0.250 1.
[illegible]          7.56 [illegible]  38.0  731      29.27 25.20 20.95 18.35 15.30 13.16 10.92  9.52  8.01 6.18 6.19 126 0.500 [illegible]

[illegible] 20400N 99999W  400  628. 1885. 3769.      2  6 15:51:09
1: 154.23 -13  7.36 0.12  18.7  714      24.76 22.16 19.64 16.98 14.58 12.27 10.27  8.48  6.95 5.66 4.57 115 0.500 [illegible]
2: 155.76   ?  6.92 0.24  20.3  734      26.36 22.43 19.28 16.36 13.95 11.65  9.71  8.00  6.52 5.38 4.36 120 0.125 1.
[illegible]     -13  7.49 0.41  37.7  779      28.73 24.23 20.75 17.51 15.07 12.51 10.47  8.62  7.07 5.62 4.74 130 0.125
```

[illegible]	0500N	20550N	20450N	99999W	500	629.	1985.						2	6 15:55:25							
[illegible]	[illegible]	5.55	0.01	20.6	509			21.08	18.17	15.66	13.35	11.28	9.41	7.80	6.43	5.24	4.25	3.41	104	0.062	0.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	644			25.32	22.09	19.03	16.23	13.74	11.44	9.56	7.90	6.52	5.28	4.30	119	0.125	1.2
[illegible]	[illegible]	[illegible]	[illegible]	99999W	[illegible]	[illegible]							2	6 15:58:21							
[illegible]	[illegible]	[illegible]	0.04	37.3	361			21.75	18.83	16.26	13.93	11.77	9.87	8.24	6.79	5.58	4.54	3.66	102	0.125	1.0

96350104.ARC

--------------------------- S C I N T R E X ----------------------------

IPR-12 MULTI-CHANNEL IP-RECEIVER V1.5

Job #: 9635 Date: 96/09/09
Operator: JPH Serial #: 9211025
P-Line: 9600E Units: Metre
Array: Pole-Dipole Mx From: 675 ms To: 855 m

0:	STN / Vp	P1 / SP	P2 / Mx	C1 / S.D.	C2 / Rc	curr / Rho	K1 / M1	K2 / M2	K3 / M3	K4 / M4	K5 / M5	K6 / M6	K7 / M7	K8 / M8	Timing / M9	Dur. / M10	Time / M11	M12	M13	M14	Mi	Tau	Rh
x																							
	19950N	19950N	20000N	19900N	99999N	500	628.	1885.	3769.	6283.					1	5	07:47:52						
1:	807.21	-1196	30.32	0.02	9999.0	1014					30.37	30.49	30.32	30.36	30.28	30.30	30.31	30.32	30.32	30.32	0	0.000	0.0
2:	-806.81	1199	30.24	0.01	9999.0	3042					30.30	30.38	30.27	30.26	30.26	30.28	30.25	30.27	30.24	30.24	0	0.000	0.0
3:	807.36	-1197	30.37	0.01	9999.0	6087					30.33	30.52	30.36	30.31	30.34	30.31	30.36	30.33	30.39	30.37	0	0.000	0.0
4:	-807.01	1198	30.23	0.02	9999.0	10141					30.28	30.42	30.29	30.27	30.29	30.28	30.27	30.25	30.26	30.22	0	0.000	0.0
x																							

--------------------------- S C I N T R E X ----------------------------

IPR-12 MULTI-CHANNEL IP-RECEIVER V1.5

Job #: 9635 Date: 96/09/09
Operator: JPH Serial #: 9211025
P-Line: 9600E Units: Metre
Array: Pole-Dipole Mx From: 690 ms To: 1050 m

0:	STN / Vp	P1 / SP	P2 / Mx	C1 / S.D.	C2 / Rc	curr / Rho	K1 / M1	K2 / M2	K3 / M3	K4 / M4	K5 / M5	K6 / M6	K7 / M7	K8 / M8	Timing / M9	Dur. / M10	Time / M11	M12	M13	M14	Mi	Tau	Rh
x																							
	19950N	19950N	20000N	19900N	99999N	300	628.	1885.	3769.	6283.					2	5	09:06:28						
1:	802.36	-4	4.50	0.00	82.0	1680				16.59	14.38	12.55	10.66	9.03	7.59	6.29	5.20	4.26	3.49	2.82	79	0.125	1.1
2:	440.69	40	6.24	0.09	55.0	2769				24.23	20.28	17.31	14.65	12.44	10.37	8.68	7.14	5.91	4.83	3.91	109	0.125	2.3
3:	156.02	-18	5.29	0.05	43.4	1961				20.84	17.64	15.27	12.80	10.87	9.08	7.53	6.16	4.99	4.12	3.28	100	0.062	1.3
4:	82.07	-24	3.92	0.08	72.3	1719				18.60	14.81	12.33	9.95	8.41	6.97	5.72	4.60	3.67	3.15	2.55	129	0.001	4.4
x																							
	20000N	20000N	20050N	19950N	99999N	150	628.	1885.	3769.	6283.					2	7	09:10:13						
1:	482.96	13	6.48	0.02	68.9	2023				25.09	21.32	18.17	15.42	13.00	10.86	9.04	7.44	6.14	4.98	4.05	120	0.062	1.9
2:	135.83	19	5.50	0.09	61.8	1707				22.71	19.06	15.98	13.49	11.29	9.39	7.77	6.35	5.21	4.21	3.41	113	0.031	2.
3:	66.36	-28	4.22	0.11	65.8	1668				17.47	14.88	11.99	10.16	8.54	7.05	5.81	4.77	4.06	3.15	2.58	94	0.015	3.1
4:	79.28	6	7.95	0.25	47.1	3321				30.49	25.86	21.60	18.55	15.77	13.23	10.94	9.08	7.56	6.22	5.08	137	0.125	2.
x																							
	20050N	20050N	20100N	20000N	99999N	200	628.	1885.	3769.	6283.					2	7	09:14:04						
1:	582.22	17	5.59	0.02	59.9	1829				21.99	18.80	16.14	13.63	11.44	9.54	7.90	6.46	5.27	4.26	3.43	114	0.031	1.
2:	198.82	-22	4.56	0.06	62.1	1874				19.24	16.11	13.63	11.31	9.45	7.89	6.52	5.26	4.31	3.47	2.81	104	0.015	2.0
3:	199.56	2	8.15	0.11	45.1	3762				30.02	26.09	22.64	19.14	16.23	13.75	11.46	9.34	7.71	6.24	5.08	140	0.125	1.
4:	53.13	1	6.48	0.31	30.7	1669				25.48	21.92	18.89	15.52	13.05	11.20	9.28	7.41	6.11	4.84	3.94	131	0.031	1.
x																							
	20100N	20100N	20150N	20050N	99999N	500	628.	1885.	3769.	6283.					2	7	09:17:42						
1:	1465.71	-29	4.42	0.03	64.7	1842				16.24	14.24	12.39	10.59	8.95	7.50	6.23	5.12	4.18	3.38	2.73	78	0.125	0.2
2:	1095.45	[illegible]	8.68	0.03	46.8	4130				30.09	26.49	23.22	19.98	17.05	14.35	12.04	9.98	8.22	6.70	5.42	134	0.500	0.4
3:	262.16	-6	7.47	0.03	29.7	1977				25.77	22.84	20.11	17.30	14.78	12.46	10.42	8.61	7.07	5.73	4.63	117	0.500	0.9
4:	183.[illegible]	-34	7.48	0.18	44.6	2309				26.62	23.09	20.00	17.07	14.55	12.17	10.39	8.59	7.09	5.72	4.64	120	0.250	1.3
x																							
	20150N	20150N	20200N	20100N	99999N	150	628.	1885.	3769.	6283.					2	9	09:21:12						
1:	[illegible]	13	7.34	0.07	46.9	3276				27.83	23.90	20.61	17.48	14.75	12.35	10.30	8.47	6.93	5.64	4.58	127	0.125	1.
2:	147.[illegible]	-23	7.10	0.18	38.7	1860				26.74	22.89	19.73	16.70	14.13	11.85	9.93	8.17	6.70	5.45	4.47	123	0.125	1.0
3:	86.22	-18	7.43	0.47	52.2	2167				26.80	23.17	20.16	16.93	14.38	12.10	10.21	8.45	7.03	5.75	4.81	120	0.250	2.
4:	39.97	[illegible]	[illegible]	0.95	79.2	1674				30.13	24.84	21.75	18.16	15.21	13.38	11.39	9.33	7.79	6.48	5.52	125	1.000	3.
x																							
	20200N	20200N	20250N	20150N	99999N	200	628.	1885.	3769.	6283.					2	7	09:26:12						
1:	735.99	-26	6.37	0.01	38.1	2312				23.69	20.41	17.76	15.14	12.84	10.73	8.92	7.36	6.04	4.89	3.94	111	0.125	0.
2:	257.75	-11	6.19	0.05	52.2	2429				23.33	19.84	17.17	14.68	12.42	10.33	8.65	7.18	5.83	4.77	3.86	108	0.125	1.
3:	93.98	39	6.57	0.08	74.1	1772				23.66	20.07	17.98	15.20	12.99	10.87	9.14	7.62	6.19	4.95	3.98	107	0.250	1.
4:	58.03	3	7.56	0.26	91.6	1823				28.56	23.14	20.75	17.32	15.08	12.30	10.28	8.79	7.03	5.63	4.40	136	0.062	2.
x																							

```
20250N 20250N 20300N 20200N 99999W  300  628. 1885. 3769. 6283.                                   2    7 09:29:33
 1: 3636.[illegible]  -8  6.71 0.01  51.8 4569                24.16 20.97 18.26 15.65 13.30 11.18  9.34  7.72  6.35  5.17  4.19 110 0.250  0.78
 2: [illegible]     [illegible]6  6.65 0.05  72.2 2801                24.23 20.96 18.17 15.52 13.21 11.12  9.28  7.66  6.29  5.12  4.13 109 0.250  0.96
 3:  356.50   -4  7.22 0.13  87.9 2688                26.00 22.63 19.70 16.80 14.24 12.01 10.03  8.29  6.83  5.55  4.49 118 0.250  0.84
 4:  173.64  -23  7.98 0.19  70.1 2257                29.94 25.62 22.05 18.60 15.86 13.30 11.06  9.13  7.56  6.15  4.92 137 0.125  1.51
#
20300N 20300N 20350N 20250N 99999W  300  628. 1885. 3769. 6283.                                   2    7 09:33:00
 1: 1106.[illegible]   42  5.02 0.02  93.3 2318                18.13 15.75 13.69 11.75 10.02  8.40  7.02  5.79  4.75  3.86  3.11  83 0.250  0.62
 2:  419.85    [illegible]  5.88 0.05  88.8 2607                22.41 19.23 16.48 14.01 11.84  9.89  8.25  6.78  5.55  4.52  3.65 103 0.125  1.42
 3:  183.01  -30  6.78 0.08  68.0 2300                24.70 21.47 18.52 15.88 13.47 11.29  9.44  7.80  6.40  5.21  4.21 111 0.250  1.03
 4:  125.39   -6  8.95 0.21  43.9 2626                33.39 28.84 24.69 21.04 17.80 14.89 12.50 10.32  8.45  6.95  5.67 153 0.125  1.75
#
20350N 20350N 20400N 20300N 99999W  200  628. 1885. 3769. 6283.                                   2    7 09:36:25
 1:  728.39    4  4.68 0.04  87.1 2290                17.85 15.33 13.25 11.25  9.52  7.92  6.60  5.40  4.43  3.58  2.91  88 0.062  1.14
 2:  [illegible]  -39  5.81 0.07  65.8 2438                22.51 19.08 16.40 13.91 11.72  9.80  8.19  6.70  5.53  4.50  3.68 102 0.125  1.89
 3:  144.61   -1  8.09 0.13  42.9 2726                30.09 25.83 22.37 19.08 16.19 13.50 11.31  9.29  7.70  6.22  5.14 139 0.125  1.60
 4:   50.62   -1  9.53 0.37  44.4 1590                37.91 31.88 27.18 23.04 19.34 16.20 13.69 10.93  9.06  7.56  6.23 167 0.125  2.81
#
20400N 20400N 20450N 20350N 99999W  200  628. 1885. 3769. 6283.                                   2    7 09:40:56
 1:  572.31  -45  4.66 0.01  67.0 1798                17.55 15.10 13.03 11.14  9.40  7.87  6.52  5.38  4.40  3.58  2.88  82 0.125  1.01
 2:  261.05    4  6.98 0.05  59.8 2460                26.54 22.94 19.69 16.75 14.12 11.78  9.80  8.05  6.60  5.36  4.29 129 0.062  1.0[illegible]
 3:   85.65   -6  8.70 0.07  41.6 1614                33.30 28.74 24.62 21.06 17.64 14.73 12.24 10.03  8.24  6.69  5.36 160 0.062  1.0[illegible]
 4:   20.08    5  6.55 0.23  40.1  631                26.25 22.13 18.34 15.50 13.05 11.10  9.08  7.56  6.25  5.06  4.07 122 0.062  2.7[illegible]
#
20450N 20450N 20500N 20400N 99999W  150  628. 1885. 3769.                                         2    5 09:44:05
 1:  446.35    3  5.83 0.03  45.4 1870                21.94 18.92 16.30 13.95 11.73  9.83  8.19  6.75  5.49  4.46  3.59 102 0.125  0.9[illegible]
 2:  126.25   -5  8.12 0.05  41.2 1586                31.17 26.95 23.10 19.61 16.50 13.79 11.43  9.43  7.64  6.23  5.02 150 0.062  1.0[illegible]
 3:   24.59    5  6.03 0.07  39.3  618                22.64 19.25 16.48 13.78 11.56 10.30  7.98  7.09  5.60  4.50  3.52 109 0.062  2.7[illegible]
#
20500N 20500N 20550N 20450N 99999W  400  628. 1885.                                               2    5 09:47:26
 1:  881.02   -4  7.19 0.02  41.2 1384                26.55 23.30 20.33 17.39 14.67 12.26 10.16  8.33  6.78  5.49  4.41 125 0.125  0.4[illegible]
 2:  123.96    5  4.84 0.12  38.9  584                12.97 11.68 10.62  9.62  8.47  7.50  6.56  5.49  4.59  3.82  3.06  92120.000  2.1[illegible]
#
20550N 20550N 20600N 20500N 99999W  400  628.                                                     2    5 09:50:12
 1:  242.26    5  5.13 0.00  38.9  381                18.59 16.33 14.31 12.27 10.41  8.72  7.23  5.94  4.85  3.94  3.19  90 0.125  0.6[illegible]
#
-------------------------  S C I N T R E X  ---------------------------
              IPR-12 MULTI-CHANNEL IP-RECEIVER V1.5
JOB #:        [illegible]35                   Date:     96/09/09
Operator:       JPH                   Serial #:  9211025
P-Line:       [illegible]500E                   Units:       Metre
Array:  Pole-Dipole                   Mx From:  690 ms  To:  1050 m
---------------------------------------------------------------------------
   STN    P1    P2    C1    C2  curr    K1    K2    K3    K4    K5    K6    K7    K8 Timing Dur.  Time
 D:     Vp   SP    Mx  S.D.    Rc   Rho    M1    M2    M3    M4    M5    M6    M7    M8    M9   M10   M11   M12   M13   M14  Mi   Tau   RM
#
19950N 19950N 20000N 19900N 99999W  150  628. 1885. 3769. 6283.                                   2    5 10:09:38
 1:  432.62   16  4.80 0.04  54.3 1812                17.54 15.18 13.20 11.26  9.59  8.02  6.73  5.55  4.54  3.70  3.01  80 0.250  0.[illegible]
 2:  163.00   -1  4.82 0.14  41.1 2048                17.57 15.08 13.15 11.03  9.38  7.94  6.71  5.50  4.59  3.73  3.07  80 0.250  1.8
 3:   78.22   -6  4.87 0.12  36.8 1966                17.55 15.15 13.41 11.03  9.62  8.06  6.85  5.59  4.62  3.74  3.07  80 0.250  1.5
 4:   61.57   28  5.37 0.34 135.1 2579                26.40 21.72 18.02 14.80 11.96 10.13  8.50  6.77  5.56  4.47  3.61 165 0.003  3.2
#
20000N 20000N 20050N 19950N 99999W  200  628. 1885. 3769. 6283.                                   2    5 10:13:46
 1:  537.79   -5  4.83 0.03  41.4 1690                17.06 14.80 12.88 11.07  9.44  7.96  6.61  5.53  4.58  3.73  3.03  77 0.500  1.1
 2:  [illegible].90    2  4.99 0.05  36.5 1856                18.12 15.65 13.55 11.61  9.86  8.30  6.93  5.73  4.75  3.84  3.14  83 0.250  1.1
 3:  136.55   24  6.10 0.07 131.6 2576                22.54 19.54 16.94 14.48 12.35 10.28  8.50  6.99  5.84  4.62  3.76 106 0.125  0.8
 4:  [illegible]  -[illegible]7  6.62 0.08 125.9 4125                24.44 21.21 18.22 15.70 13.25 11.24  9.34  7.59  6.35  5.04  4.17 115 0.125  1.2
#
[illegible] [illegible] [illegible] 20000N 99999W  200  628. 1885. 3769. 6283.                                   2    5 10:17:25
 1:  [illegible]    5  5.19 0.02  36.2 1554                18.34 15.90 13.89 11.92 10.15  8.52  7.14  5.94  4.89  4.01  3.26  82 0.500  1.1
 2:  [illegible]  [illegible]  6.11 0.10 135.1 2323                23.05 19.80 17.09 14.54 12.32 10.29  8.54  7.02  5.78  4.69  3.78 107 0.125  1.1
 3:  [illegible]  [illegible]  6.56 0.19 129.4 3982                23.89 20.67 18.02 15.38 13.08 10.94  9.09  7.53  6.23  5.00  4.05 113 0.125  1.0
 4:  [illegible]  [illegible]  6.32 0.25  [illegible]5.3 3294                26.97 22.14 18.24 15.22 12.83 10.87  8.77  7.33  6.07  4.80  3.88 141 0.015  3.2
#
20000N [illegible] 20150N 20050N 99999W  500  628. 1885. 3769. 6283.                                   2    5 10:21:35
 1: 1680.40   22  6.09 0.04 130.3 2112                20.36 18.12 16.08 13.92 11.90 10.05  8.44  6.99  5.76  4.69  3.82  93 1.000  0.[illegible]
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2:  971.22  -23   6.47  0.08 124.2  3661                       23.67  20.40  17.73  15.05  12.82  10.77   9.03   7.45   6.12   4.99   4.04  106  0.250   1.1
3:  426.12   10   6.23  0.20  96.1  3213                       22.16  19.37  17.08  14.60  12.43  10.40   8.69   7.16   5.89   4.77   3.87  102  0.250   0.3
4:  158.35   1?   5.78  0.16 110.6  1990                       22.74  19.14  16.47  13.80  11.71   9.74   8.28   6.65   5.48   4.35   3.63  109  0.062   1.9
x
20150N 20150N 20200N 20100N 99999W   300   628.  1885.  3769.  6283.                                            2    5 10:25:20
1: 1382.97  -20   6.33  0.00 129.6  2896                       23.39  20.21  17.56  14.98  12.66  10.62   8.81   7.32   5.97   4.88   3.97  110  0.125   1.1
2:  753.75   11   6.41  0.03  90.8  2851                       23.85  20.63  17.84  15.16  12.79  10.75   8.95   7.40   6.05   4.92   3.97  111  0.125   1.0
3:  140.81    9   5.81  0.03 105.2  1769                       21.73  19.12  16.54  14.03  11.76  10.01   8.18   6.71   5.48   4.45   3.66  102  0.125   1.1
4:   74.38  -10   6.84  0.05  81.1  1977                       27.28  23.37  19.91  16.48  13.78  11.86   9.75   7.92   6.47   5.24   4.20  139  0.031   1.7
x
20200N 20200N 20250N 20150N 99999W   100   628.  1885.  3769.  6283.                                            2    7 10:29:50
1:  662.93    7   7.49  0.02 110.2  4165                       28.10  24.25  21.02  17.93  15.14  12.66  10.48   8.67   7.07   5.75   4.64  130  0.125   0.8
2:  117.20   17   7.28  0.11 118.4  2247                       29.30  24.73  21.23  17.86  15.08  12.36  10.46   8.51   6.81   5.61   4.44  148  0.031   1.4
3:   62.30  -14   8.39  0.21  81.1  2349                       31.45  27.05  23.64  20.30  17.14  14.29  11.86   9.88   7.80   6.54   5.12  145  0.125   1.0
4:   48.47  -20   6.67  0.24  67.8  3071                       27.07  23.02  19.95  17.14  14.22  11.75   9.65   8.21   6.05   5.24   4.03  151  0.015   2.2
x
20250N 20250N 20300N 20200N 99999W   400   628.  1885.  3769.  6283.                                            2    7 10:33:33
1: 1781.26   20   6.29  0.02 119.1  2798                       23.15  20.09  17.47  14.90  12.62  10.56   8.80   7.25   5.94   4.84   3.92  109  0.125   0.9
2:  683.62  -15   8.77  0.04  78.8  3221                       31.29  27.24  23.80  20.39  17.38  14.59  12.21  10.09   8.29   6.77   5.47  141  0.250   0.6
3:  451.32  -22   7.68  0.11  66.0  4254                       27.27  23.82  20.92  17.82  15.20  12.72  10.65   8.81   7.26   5.95   4.82  125  0.250   0.9
4:  124.?0  -17   7.08  0.39  46.5  1959                       26.82  22.72  19.54  16.36  14.14  11.61   9.76   8.16   6.66   5.43   4.50  122  0.125   2.3
x
20300N 20300N 20350N 20250N 99999W   100   628.  1885.  3769.  6283.                                            2    7 10:37:34
1:  449.86  -17   7.72  0.04  82.4  2827                       30.03  25.70  22.06  18.76  15.72  13.10  10.88   8.91   7.30   5.89   4.75  143  0.062   1.1
2:  231.63  -20   7.36  0.09  70.8  4366                       30.03  25.34  21.40  18.16  15.10  12.55  10.44   8.49   6.97   5.57   4.49  163  0.015   1.6
3:   56.52  -16   6.99  0.15  48.1  2131                       27.15  23.07  19.63  16.83  14.11  11.75   9.79   7.96   6.62   5.25   4.24  129  0.062   1.3
4:   29.50   -2   6.52  0.26  68.5  1854                       30.05  24.18  19.54  16.73  13.22  11.23   9.51   7.53   6.14   4.79   3.93  233  0.000   3.4
x
20350N 20350N 20400N 20300N 99999W   150   628.  1885.  3769.  6283.                                            2    7 10:42:41
1: 1219.16  -20   7.39  0.04  63.6  5107                       28.28  24.28  20.90  17.76  14.96  12.52  10.38   8.55   6.98   5.67   4.58  137  0.062   1.2
2:  207.65  -13   7.22  0.21  44.2  2609                       27.41  23.50  20.26  17.23  14.55  12.23  10.15   8.33   6.83   5.55   4.45  125  0.125   1.1
3:   81.18   -4   6.59  0.42  61.6  2040                       25.07  21.51  18.46  15.68  13.25  11.20   9.29   7.59   6.27   5.09   4.06  115  0.125   1.2
4:   26.86   17   6.63  0.53  61.9  1125                       27.83  22.85  19.17  15.99  13.43  11.35   9.37   7.67   6.29   5.16   4.13  136  0.031   2.9
x
20400N 20400N 20450N 20350N 99999W   400   628.  1885.  3769.  6283.                                            2    5 10:46:14
1: 1689.80  -16   6.02  0.03  46.6  2654                       21.39  18.78  16.43  14.12  12.01  10.09   8.42   6.95   5.68   4.62   3.73   99  0.250   0.2
2:  461.32   -1   5.72  0.01  61.1  2174                       20.96  18.24  15.85  13.55  11.51   9.64   8.03   6.61   5.40   4.39   3.55  100  0.125   0.7
3:  129.95   15   5.73  0.02  60.0  1225                       20.14  17.70  15.51  13.34  11.39   9.60   8.03   6.60   5.41   4.41   3.58   94  0.250   0.6
4:   51.41  -11   6.04  0.27  59.8   808                       23.59  19.96  16.80  14.23  11.91  10.04   8.25   6.89   5.61   4.47   3.59  120  0.031   1.8
x
20450N 20450N 20500N 20400N 99999W   300   628.  1885.  3769.                                                   2    5 10:49:18
1: 1057.90    ?   4.29  0.00  60.6  2216                       16.25  14.06  12.13  10.25   8.61   7.20   5.98   4.95   4.05   3.31   2.67   76  0.125   1.
2:  ???.?3   1?   3.82  0.02  59.5  1334                        9.81   9.24   8.56   7.75   6.91   6.03   5.18   4.35   3.61   2.97   2.43   74128.000   3.
3:   ??.??  -10   4.44  0.03  59.1   912                       17.97  15.25  12.92  10.84   9.10   7.58   6.27   5.13   4.17   3.39   2.73   91  0.031   1.
x
20500N 20500N 20550N 20450N 99999W   200   628.  1885.                                                          2    5 10:54:21
1:  273.09   16   3.62  0.08  59.2   858                       13.74  11.72  10.12   8.63   7.28   6.10   5.07   4.18   3.41   2.80   2.27   64  0.125   1.
2:   76.84   -9   3.??  0.21  58.3   724                       15.76  13.25  11.24   9.57   7.92   6.60   5.47   4.50   3.66   2.97   2.44   80  0.031   2.
x
20550N 20550N 20600N 20500N 99999W   200   628.                                                                 2    5 10:57:15
1:  137.02   -?   3.55  0.01  58.3   430                       14.13  11.95  10.29   8.74   7.32   6.06   5.03   4.13   3.36   2.69   2.11   73  0.031   0.
x
---------------------------   S C I N T R E X   -----------------------------
                   IPR-12 MULTI-CHANNEL IP-RECEIVER V1.5
Job #:            ?635                          Date:       96/09/09
Operator:          JPH                          Serial #:   9211025
?-Line:          ?0D00E                         Units:           Metre
Array:       ???e-D1pole                        Mx From:   690 ms  To:  1050  ms
------------------------------------------------------------------------------
   ??N    ??    ?2     C1      C2  curr    K1     K2     K3     K4     K5     K6     K7     K8 Timing Dur.    Time
 ??.       ??   SP     My   ? ?.   Rp   Rho    Mi     M2     M3     M4     M5     M6     M7     M8     M9    M10    M11    M12    M13    M14   Mi    Tau    R
x
20?50N 20?50N 20500N 20400N 99999W   400   628.  1885.  3769.  6283.                                            2    5 11:56:34
?:  327.??                 ?.?? 0.06  23.4  5??                20.72  18.31  16.07  13.80  11.75   9.89   8.33   6.89   5.65   4.64   3.76   94  0.500   0.
?:  1??                          0.05                          35.85  32.10  28.42  24.73  21.31  18.05  15.29  12.76  10.57   8.72   7.08  162  2.000   0.
3:   79.93  -20  17.13  0.05  ??.?   7??                       54.81  49.16  43.59  37.95  32.79  27.71  23.49  19.62  16.23  13.39  10.87  238  2.000   0.
```

4:	[illegible]	-27	47.36	0.49	[illegible]	94				133.44	120.58	108.33	95.96	83.99	73.03	63.09	53.55	45.15	37.88	31.91	546	64.000	0.45
	[illegible]	[illegible]	20500N	20400N	99999W	400	628.	1885.	3769.	6283.						2	7 11:57:38						
1:	327.59	-41	6.00	0.03	23.3	514				20.45	18.08	15.90	13.70	11.71	9.90	8.29	6.89	5.68	4.65	3.77	94	0.500	0.53
2:	[illegible]	-38	11.27	0.06	13.9	380				35.62	31.87	28.31	24.67	21.34	18.22	15.38	12.88	10.72	8.84	7.23	164	4.000	0.57
3:	79.96	[illegible]	17.34	0.07	25.6	754				54.60	48.98	43.51	37.94	32.81	28.02	23.68	19.83	16.47	13.63	11.13	241	4.000	0.47
4:	[illegible]	-27	37.51	0.28	35.6	98				132.82	119.96	107.97	95.88	84.21	73.33	63.08	53.63	45.28	38.05	31.49	546	64.000	0.2
	20500N	20500N	20550N	20450N	99999W	400	628.	1885.	3769.	6283.						2	7 12:01:43						
1:	427.02	-36	11.35	0.08	12.9	671				38.39	33.59	29.47	25.43	21.74	18.51	15.56	12.99	10.75	8.84	7.21	167	1.000	0.89
2:	138.71	-69	17.39	0.22	23.2	654				58.84	51.65	45.32	39.11	33.37	28.42	23.93	19.92	16.50	13.58	11.06	246	1.000	0.83
3:	9.19	-31	48.88	0.11	32.7	87				139.88	125.83	112.94	99.74	86.68	75.56	64.74	55.13	46.57	38.95	32.56	543	32.000	0.65
4:	7.54	-25	35.19	1.16	37.5	118				108.33	95.08	83.82	72.31	62.13	53.27	44.93	40.02	33.58	27.95	23.11	420	8.000	2.65
	20550N	20550N	20600N	20500N	99999W	800	628.	1885.	3769.	6283.						2	7 12:06:26						
1:	541.88	-34	17.03	0.98	54.1	504				105.58	81.61	63.64	49.66	39.27	31.30	25.10	20.00	15.96	12.70	10.11	112	0.000	9.74
2:	29.99	-25	50.46	0.09	31.4	71				140.48	127.34	114.79	101.74	89.33	77.52	66.78	56.88	48.15	40.43	33.87	566	64.000	0.46
3:	21.98	-30	35.67	0.20	34.3	104				102.65	92.84	83.47	73.74	64.46	55.59	47.70	40.44	33.89	27.99	23.16	431	16.000	0.57
4:	10.57	-21	30.14	0.29	36.7	83				86.68	78.16	70.11	61.73	54.10	46.84	40.17	34.02	28.73	24.22	20.28	394	32.000	0.71
	20600N	20600N	20650N	20550N	99999W	1000	628.	1885.	3769.	6283.						2	7 12:10:28						
1:	78.63	-24	58.87	0.03	28.8	49				160.49	145.83	131.78	117.14	103.05	89.61	77.42	66.22	56.20	47.35	39.62	631	128.000	0.39
2:	46.36	-29	38.86	0.07	32.5	67				112.88	101.75	91.25	80.50	70.29	60.65	51.96	43.96	36.96	30.86	25.74	471	32.000	0.50
3:	20.35	-30	32.66	0.19	38.3	77				92.39	83.53	75.05	66.42	58.15	50.26	43.23	36.87	31.13	26.04	21.54	430	64.000	0.51
4:	8.96	137	21.30	0.83	36.1	56				67.46	59.07	51.94	45.19	38.93	33.21	28.07	23.91	20.38	16.34	13.68	282	4.000	1.57
	20650N	20650N	20700N	20600N	99999W	600	628.	1885.	3769.	6283.						2	7 12:14:35						
1:	45.57	-31	47.42	0.15	32.7	48				134.72	121.67	109.36	96.65	84.70	73.24	62.95	53.51	45.19	37.87	31.60	547	64.000	0.5
2:	[illegible]	-23	37.32	0.24	38.1	52				106.64	96.05	86.28	75.98	66.50	57.53	49.45	42.07	35.59	29.84	24.96	471	64.000	0.7
3:	6.65	133	23.49	0.15	34.7	42				73.18	65.31	58.21	50.57	43.83	37.50	31.74	26.77	22.33	18.57	15.57	314	8.000	1.0
4:	11.35	28	21.60	0.26	27.3	119				76.81	67.50	59.37	50.70	43.65	36.73	30.58	25.87	20.40	17.00	13.86	314	0.500	1.0
	20700N	20700N	20750N	20650N	99999W	500	628.	1885.	3769.	6283.						2	5 12:21:27						
1:	21.79	-21	45.14	0.03	36.2	27				123.74	111.98	100.87	89.37	78.55	68.27	58.84	50.46	43.20	36.33	31.49	567	256.000	1.2
2:	6.60	134	27.76	1.54	32.1	25				84.32	75.05	66.59	58.27	50.85	43.39	37.05	31.36	26.42	22.17	18.34	354	8.000	1.1
3:	10.46	25	25.26	1.53	19.1	79				83.97	74.19	65.26	56.48	48.67	41.27	34.58	29.00	23.89	19.68	16.06	338	1.000	0.5
4:	7.64	-17	29.61	1.63	13.1	96				98.79	86.45	75.51	64.84	55.44	47.37	39.53	33.61	27.78	22.69	18.73	381	1.000	1.3
	20700N	20700N	20750N	20650N	99999W	500	628.	1885.	3769.	6283.						2	7 12:22:28						
1:	21.62	-22	44.70	0.44	36.2	27				120.68	109.95	99.42	88.69	77.99	67.42	58.69	50.29	42.68	36.13	30.13	563	256.000	0.3
2:	6.61	134	28.28	0.36	32.0	25				82.61	73.69	65.88	57.11	49.62	44.63	37.37	31.81	27.01	22.51	19.03	375	32.000	1.4
3:	10.47	25	25.28	0.20	19.1	79				81.37	72.61	64.01	55.66	47.87	40.78	34.48	28.95	23.97	19.71	16.46	331	2.000	0.8
4:	7.47	-17	30.47	1.51	13.3	96				97.88	86.89	76.88	67.00	57.62	49.10	41.47	34.85	28.91	23.79	19.51	384	2.000	0.4
	[illegible]	20750N	20800N	20700N	99999W	400	628.	1885.	3769.	6283.						2	7 12:28:37						
1:	17.59	126	41.99	0.17	31.7	28				115.53	105.20	95.09	84.42	74.29	64.39	55.61	47.33	40.09	33.68	28.07	524	128.000	0.2
2:	[illegible]	[illegible]	30.87	0.52	22.0	66				94.21	84.65	75.46	66.03	57.42	49.03	41.75	35.11	29.35	24.26	19.99	386	8.000	0.4
3:	8.78	-23	[illegible]	0.75	14.2	78				104.76	93.83	83.35	72.54	62.94	53.43	45.42	38.18	31.89	26.28	21.61	416	4.000	0.3
4:	[illegible]	[illegible]	[illegible]	[illegible]	15.3	50				122.86	109.46	98.58	86.43	75.09	63.94	54.46	45.89	41.22	31.55	27.50	480	16.000	2.1
	[illegible]	[illegible]	20800N	20700N	99999W	400	628.	1885.	3769.	6283.						2	7 12:29:58						
1:	17.52	126	41.37	0.26	31.7	28				115.80	105.22	95.14	84.57	74.39	64.42	55.27	47.09	39.95	33.41	27.89	504	64.000	0.3
2:	[illegible]	[illegible]	30.44	0.59	21.9	66				93.94	83.98	75.12	65.90	56.77	48.73	41.47	34.67	28.93	23.93	19.71	380	4.000	0.5
3:	[illegible]	[illegible]	32.34	0.91	14.0	78				104.45	92.93	83.01	72.40	62.18	53.06	44.85	37.59	31.25	25.68	21.08	408	2.000	0.5
4:	[illegible]	47	39.19	1.36	15.1	50				121.48	107.98	97.62	85.15	73.70	63.24	53.78	44.83	37.18	30.68	25.62	462	4.000	0.7
	20800N	20800N	20850N	20750N	99999W	700	628.	1885.	3769.	6283.						2	7 12:36:46						
1:	56.34	34	39.55	0.51	21.8	51				116.21	104.93	94.18	82.99	72.28	62.23	53.15	44.86	37.62	31.24	25.82	466	16.000	0.1
2:	[illegible]	-21	38.43	1.25	12.6	60				118.76	106.41	94.76	82.98	71.75	61.34	52.14	43.74	36.49	30.20	24.83	453	4.000	0.4
3:	7.16	43	43.56	1.84	12.9	39				129.69	116.37	104.49	92.03	80.10	68.72	58.70	49.55	41.38	34.29	28.27	493	8.000	0.5
4:	5.55	25	23.66	3.80	12.7	50				76.31	66.54	59.65	52.16	44.98	38.28	32.27	27.07	22.43	18.44	15.14	312	2.000	0.5
	20800N	[illegible]	20850N	20750N	99999W	700	628.	1885.	3769.	6283.						2	7 12:38:07						
1:	[illegible]	34	39.95	0.08	21.5	51				118.69	106.78	95.55	84.05	73.14	62.87	53.64	45.33	37.98	31.59	26.09	471	16.000	0.4
2:	[illegible]	-21	[illegible]	0.18	12.6	60				121.52	108.46	96.38	84.21	72.78	62.17	52.83	44.43	37.04	30.69	25.24	459	4.000	0.4
3:	7.17	43	44.52	0.31	13.0	39				132.44	118.83	106.49	93.48	81.35	69.85	59.70	50.52	42.26	35.30	29.28	506	16.000	0.4

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4:    5.56   25  25.42  0.47  12.7    50                      77.98  68.97  61.72  53.93  46.66  39.77  34.04  28.92  24.02  20.30  16.71  331  8.000   1.02
r
 [illegible]N 20850N 20900N 20800N 99999W   800   628.  1885.  3769.                                                        2    7 12:43:35
[illegible] [illegible]  -[illegible]  35.32  0.06  12.5    90                      114.16 101.61  89.91  78.16  67.26  57.21  48.30  40.36  33.50  27.58  22.56  433  2.000   0.34
[illegible] [illegible]  [illegible]  44.39  0.16  12.8    42                      135.09 120.97 107.95  94.64  82.14  70.41  59.81  50.37  42.19  34.94  28.79  502  8.000   0.37
[illegible] [illegible]  [illegible]  24.85  0.52  12.7    45                       79.88  71.02  62.62  54.49  46.99  39.92  33.72  28.23  23.56  19.37  15.72  325  2.000   0.44

 20900N [illegible]N 20950N 20850N 99999W  1000   628.  1885.                                                               2    7 12:47:05
1:  [illegible]   43  49.82  0.02  12.8    56                      154.38 138.01 122.69 107.21  92.76  79.35  67.38  56.64  47.34  39.21  32.31  545  4.000   0.5
[illegible] 37.22   25  26.99  0.02  12.6    51                       84.36  75.39  67.27  59.01  51.15  43.55  36.90  30.83  25.54  21.03  17.28  347  4.000   0.4
r
20950N 20950N 21000N 20900N 99999W   800   628.                                                                             2    7 12:51:00
1:   55.22   25  29.85  0.11  12.4    43                      100.08  88.26  77.63  67.10  57.49  48.73  41.02  34.17  28.30  23.27  19.05  389  1.000   0.6
r
--------------------------   S C I N T R E X   ----------------------------
              IPR-12 MULTI-CHANNEL IP-RECEIVER V1.5
Job #:          9635                         Date:      96/09/09
Operator:        JPH                         Serial #:  9211025
P-Line:        10100E                        Units:        Metre
Array:   Pole-Dipole                         Mx From:   690 ms  To:  1050 m
----------------------------------------------------------------------------

   Tx      Rx      P2     C1      C2  curr    K1     K2     K3     K4     K5     K6     K7     K8 Timing Dur.    Time
  [illegible]  [illegible]  [illegible]   Mx  S.D.    Rc   Rho    M1     M2     M3     M4     M5     M6     M7     M8     M9    M10    M11    M12    M13    M14   Mi    Tau    RM
r
20450N 20450N 20500N 20400N 99999W   300   628.  1885.  3769.  6283.                                                        2    7 13:09:57
1:  331.68  -29   4.88  0.31   7.7   695                       17.81  15.38  13.40  11.48   9.80   8.17   6.86   5.64   4.62   3.67   2.83   84  0.125   1.4
[illegible] 333.77   -2   6.51  0.66   7.4   637                       23.44  20.29  17.68  15.19  13.01  10.83   9.13   7.50   6.15   4.83   3.61  117  0.062   2.5
[illegible]  95.92  -46  10.49  1.16   5.5  1205                       35.42  31.06  27.41  23.75  20.55  17.24  14.63  12.10   9.96   7.91   5.99  163  0.250   2.4
[illegible]  34.98  -64  20.69  1.87   5.0   733                       68.49  60.48  53.49  46.56  40.29  34.10  28.98  24.07  19.53  15.63  12.38  291  0.500   1.6
r
20500N 20500N 20550N 20450N 99999W  1000   628.  1885.  3769.  6283.                                                        2    7 13:15:00
1:  366.91    1   5.79  0.06   7.7   545                       20.55  17.87  15.62  13.38  11.41   9.61   8.04   6.66   5.47   4.45   3.60   95  0.250   0.7
2:  505.74  -43   9.70  0.12   5.5   953                       32.65  28.67  25.22  21.76  18.69  15.83  13.32  11.10   9.19   7.50   6.11  144  1.000   0.6
3:  166.96  -90  20.31  0.17   4.7   629                       65.29  57.86  51.18  44.43  38.33  32.64  27.64  23.16  19.27  15.85  13.02  275  2.000   0.6
4:  [illegible]  -15  42.55  0.84  13.6    78                      122.97 109.12  96.41  84.26  73.73  63.70  54.80  47.84  40.67  34.26  28.68  509 64.000   2.0
r
20550N 20550N 20600N 20500N 99999W  1000   628.  1885.  3769.  6283.                                                        2    7 13:20:09
1: 1083.19  -46   8.32  0.10   5.5   681                       28.04  24.60  21.59  18.70  16.01  13.57  11.41   9.52   7.88   6.48   5.30  125  1.000   0.
2:  276.52  -81  19.21  0.18   5.1   521                       61.61  54.55  48.17  41.93  36.15  30.80  26.08  21.89  18.24  15.09  12.42  262  2.000   0.
3:   17.59   -4  42.68  0.32   5.9    66                      117.75 106.39  95.84  84.99  74.67  64.98  55.98  47.95  40.76  34.35  28.83  528128.000   0.
4:    4.71  -60  36.70  0.80   9.5    30                      108.30  95.72  84.97  74.90  65.50  56.68  48.54  41.40  35.00  29.43  24.46  452 32.000   1.
r
20600N 20600N 20650N 20550N 99999W  1000   628.  1885.  3769.  6283.                                                        2    7 13:24:24
1:  590.53  -78  16.52  0.07   4.3   371                       53.85  47.64  42.09  36.51  31.41  26.72  22.57  18.86  15.67  12.91  10.57  231  2.000   0.
2:   25.93   -2  43.94  0.28   5.1    49                      121.39 109.79  99.14  87.80  77.16  67.06  57.85  49.41  41.94  35.32  29.57  538128.000   0.
3:    6.43  -63  37.46  0.58   8.4    24                      106.78  96.15  86.66  76.46  66.95  57.98  49.81  42.19  35.79  30.02  25.11  473 64.000   0.
4:   13.60  142  22.80  0.77  11.4    85                       78.18  68.14  60.08  51.47  43.96  37.21  31.44  26.15  21.65  17.90  14.65  312  1.000   1.
r
20650N 20650N 20700N 20600N 99999W  1000   628.  1885.  3769.  6283.                                                        2    7 13:28:44
1:   55.47   -6  48.78  0.10   5.3    42                      131.79 119.67 108.14  96.20  84.76  73.84  63.86  54.74  46.59  39.36  33.12  590256.000   0.
[illegible] 21.77  -55  40.97  0.35   9.7    22                      113.85 103.02  92.76  82.24  72.20  62.67  54.25  46.10  39.19  32.87  27.52  517128.000   0.
3:   19.59  137  25.15  0.50  10.5    74                       81.47  72.10  63.65  55.28  47.53  40.34  34.13  28.57  23.88  19.67  16.22  329  2.000   0.
4:  [illegible]    3  22.41  0.76  11.3   123                       73.68  65.18  57.46  49.82  42.55  36.11  30.50  25.44  21.29  17.54  14.39  301  2.000   1.
r
20700N 20700N 20750N 20650N 99999W  1000   628.  1885.  3769.  6283.                                                        2    7 13:33:17
1:   36.94  -52  45.84  0.09   9.9    23                      127.14 115.24 103.84  92.08  80.92  70.28  60.58  51.68  43.72  36.94  30.85  552128.000   0.
2:   32.75  [illegible]  28.32  0.05  10.1    52                       90.22  80.41  71.12  61.90  53.27  45.50  38.55  32.23  26.94  22.05  18.02  361  2.000   0.
3:  [illegible]   -3  24.97  0.05  10.2   102                       82.14  73.11  64.40  55.90  47.88  40.81  34.42  28.60  23.69  19.42  15.77  334  1.000   0.
4:  [illegible]   -5  46.59  0.23  34.8    58                      143.84 129.23 114.82 100.39  86.89  74.64  63.47  53.39  44.77  37.01  30.34  522  8.000   0.
r
20750N 20750N 20800N 20700N 99999W  1000   628.  1885.  3769.  6283.                                                        2    7 13:38:36
1:  [illegible]  [illegible]  39.04  0.08  10.6    49                      116.27 104.50  93.44  82.19  71.52  61.55  52.48  44.33  37.14  30.77  25.43  463 16.000   0.
2:  [illegible]  [illegible]  29.92  0.21  [illegible]  [illegible]                       95.89  85.29  75.53  65.88  56.73  48.34  40.82  34.22  28.37  23.31  19.06  379  2.000   0.
3:   11.8[illegible]  [illegible]  49.63  0.19  10.1  [illegible]                      151.87 135.95 121.01 106.17  91.96  79.05  67.09  56.51  47.17  39.08  32.09  542  8.000   0.
4:  [illegible]  [illegible]  29.60  [illegible]  10.9  [illegible]                       95.16  84.45  74.54  64.96  55.39  47.84  40.24  33.89  28.01  22.95  18.91  375  2.000   0.
r
```

```
20800N 20800N 20850N 20750N 99999W  1000   628.  1885.  3769.  6283.                                 2    7 13:43:54
 [illegible]        -8 [illegible] 0.14  10.3    37                 122.87 110.28  98.32  86.26  74.73  64.21  54.70  46.15  38.64  32.05  26.47  471  8.000   0.3?
 [illegible]           54.42  0.12  11.0   [illegible]              162.81 146.23 130.57 114.68  99.82  85.82  73.12  61.77  51.76  43.07  35.67  577 16.000   0.6?
 [illegible]        36  32.54  0.24  10.4    29                     101.01  90.07  80.16  70.07  60.65  51.63  43.90  37.06  30.93  25.54  21.13  400  4.000   0.64
 [illegible]        41  26.63  0.29  14.1    55                      83.52  73.88  66.05  56.92  49.64  42.14  35.61  29.86  25.04  20.74  16.94  340  4.000   0.77

20850N 20950N 20900N 20800N 99999W  1000   628.  1885.  3769.                                        2    7 13:47:42
1:  72.2?   -4  59.06  0.09  11.0    45                             180.31 161.73 144.16 126.28 109.50  93.80  79.78  67.14  56.13  46.51  38.34  606  8.000   0.41
2:  31.19   46  36.84  0.29  10.3    41                             117.97 105.12  93.01  80.91  69.74  59.37  50.19  42.05  34.94  28.79  23.54  446  2.000   0.43
3:  [illegible]  11  29.44  0.50  13.7    63                         96.57  86.10  75.93  65.54  56.13  47.59  40.47  33.47  28.16  22.84  18.66  382  1.000   0.82

20900N 20900N 20950N 20850N 99999W  1000   628.  1885.                                               2    7 13:50:56
1:  91.70   66  35.29  0.07  10.3    58                             112.17  99.86  88.45  76.99  66.36  56.64  48.02  40.31  33.62  27.81  22.88  428  4.000   0.69
2:  71.2    11  27.71  0.34  13.6    78                              88.66  78.92  69.98  61.08  52.76  45.05  38.03  31.77  26.35  21.71  17.71  357  2.000   0.38

20950N 20950N 21000N 20900N 99999W  1000   628.                                                      2    5 13:54:22
1: 100.4?   11  35.77  0.01  13.6    63                             114.28 101.44  89.81  78.21  67.44  57.51  48.72  40.82  33.94  28.02  23.08  435  2.000   0.8?
```

```
---------------------------  S C I N T R E X  ----------------------------
                 IPR-12 MULTI-CHANNEL IP-RECEIVER V1.5
Job #:          9635                          Date:      96/09/09
Operator:        JPH                          Serial #:   9211025
Line:           10200E                        Units:         Metre
Array:      Pole-Dipole                       Mx From:  690 ms  To:  1050 m
--------------------------------------------------------------------------
```

```
  Stn     P1     P2     C1 .   C2  curr    K1     K2     K3      K4      K5      K6      K7      K8 Timing Dur.    Time
 Ch:    Vp   SP     Mx  S.D.    Rc   Rho    M1     M2     M3      M4      M5      M6      M7      M8     M9    M10    M11    M12    M13    M14   Mi    Tau    RM

20450N 20450N 20500N 20400N 99999W  1000   628.  1885.  3769.  6283.                                 2    5 14:11:29
1: 945.58  -19   4.36  0.01   4.7   594                           15.36  13.35  11.71  10.06   8.58   7.23   6.05   5.01   4.11   3.36   2.72   69  0.500   0.8
2: 482.58  -17   4.72  0.02   9.5   840                           16.89  14.58  12.75  10.91   9.31   7.83   6.55   5.44   4.46   3.64   2.97   78  0.250   1.0
3: 275.59    2   6.25  0.02   8.9  1053                           21.63  18.81  16.53  14.21  12.16  10.27   8.62   7.17   5.90   4.82   3.95   98  0.500   0.8
4: 117.75  -33   8.35  0.04  11.2  1368                           29.08  25.16  22.07  18.91  16.19  13.69  11.49   9.57   7.90   6.45   5.31  129  0.500   1.1

20500N 20500N 20550N 20450N 99999W  1000   628.  1885.  3769.  6283.                                 2    5 14:15:44
1: 856.66  -15   4.05  0.10   8.8   538                           14.48  12.56  11.00   9.42   8.01   6.73   5.62   4.65   3.83   3.13   2.54   67  0.250   0.8
2: 436.55    3   5.40  0.18   8.7   823                           19.18  16.63  14.56  12.46  10.63   8.94   7.48   6.19   5.11   4.19   3.41   86  0.500   1.1
3: 209.??  -37   7.41  0.27   9.8  1169                           26.13  22.74  19.96  17.07  14.55  12.26  10.25   8.49   7.02   5.76   4.70  116  0.500   1.0
4: 9?.1?   -51   9.96  0.33  14.2  1258                           34.77  30.30  26.57  22.75  19.45  16.40  13.74  11.41   9.44   7.77   6.35  153  0.500   1.0

20550N 20550N 20600N 20500N 99999W  1000   628.  1885.  3769.  6283.                                 2    7 14:19:30
1: 829.51   -1   4.50  0.01   8.7   521                           15.76  13.70  11.96  10.31   8.80   7.43   6.21   5.17   4.26   3.47   2.81   71  0.500   0.?
2: 463.30  -30   6.42  0.03  11.6   873                           22.85  19.82  17.23  14.81  12.61  10.64   8.87   7.37   6.07   4.96   4.01  105  0.250   1.0
3: 278.78  -56   9.11  0.04  14.4  1051                           31.62  27.61  24.09  20.77  17.74  15.00  12.54  10.45   8.62   7.06   5.72  140  0.500   0.?
4:  ?9.75   15  25.50  0.06   9.0   250                           82.88  73.00  64.25  55.82  48.06  40.99  34.67  29.05  24.22  19.99  16.42  333  2.000   0.8

20600N 20600N 20650N 20550N 99999W   800   628.  1885.  3769.  6283.                                 2    7 14:24:12
1: 718.33  -28   5.19  0.02  10.0   565                           18.44  16.03  13.99  12.03  10.21   8.61   7.19   5.96   4.91   4.01   3.26   85  0.250   0.?
2: 346.24  -56   8.09  0.02  13.5   816                           28.17  24.59  21.48  18.50  15.74  13.30  11.15   9.27   7.67   6.27   5.12  125  0.500   0.?
3:  45.27   11  24.70  0.05   8.8   213                           79.11  70.15  62.01  53.92  46.39  39.60  33.50  28.12  23.46  19.37  15.98  324  2.000   0.5
4:  17.04    1  27.96  0.18   6.2   134                           94.28  83.15  72.80  62.81  53.66  45.42  38.31  32.03  26.51  21.86  17.99  369  1.000   1.?

20650N 20650N 20700N 20600N 99999W  1000   628.  1885.  3769.  6283.                                 2    7 14:28:39
1: 1079.8?  -57   7.01  0.02  14.4   678                          24.19  21.15  18.55  15.97  13.65  11.54   9.69   8.04   6.63   5.41   4.40  109  0.500   0.6
2:  65.??   16  24.26  0.04  10.0   196                           77.87  68.97  60.96  53.04  45.71  38.97  33.04  27.66  23.03  19.03  15.63  319  2.000   0.6
3:  63.43   -6  29.32  0.13   5.9   107                           96.22  84.70  74.58  64.53  55.45  47.05  39.74  33.11  27.54  22.56  18.43  378  1.000   0.7
4: [illegible]  -46  31.49  0.23   6.5    75                     100.49  89.04  78.62  68.31  59.13  50.31  42.61  35.84  29.94  24.58  20.27  392  4.000   0.9

20700N 20700N 20750N 20650N 99999W   900   628.  1885.  3769.  6283.                                 2    7 14:33:36
1: [illegible]  2?  24.33  0.03   8.6   252                       77.56  68.90  61.01  53.13  45.83  39.09  33.10  27.75  23.10  19.07  15.67  320  4.000   0.7
2:  47.63   -4  32.12  0.28   6.7    39                          104.02  92.23  81.42  70.96  60.95  51.84  43.76  36.66  30.46  25.15  20.63  402  2.000   0.5
3: [illegible] -52  32.78  0.37   5.3    62                      103.82  92.40  81.89  71.61  61.71  52.64  44.54  37.35  31.11  25.83  21.15  405  4.000   0.6
4: [illegible]                                                    99.29  88.87  78.42  64.87  54.99  50.47  42.46  35.49  29.68  24.33  19.93  387  4.000   2.?

20750N 20750N 20800N 20700N 99999W  1000   628.  1885.  3769.  6283.                                 2    7 14:38:30
1: 103.63   -3  37.89  0.05   6.2    66                          119.20 106.25  94.32  82.32  71.13  60.71  51.48  43.18  35.96  29.70  24.42  450  4.000   0.?
```

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2:  25.43  -45  35.23  0.08   6.9    48                       110.43  98.59  87.47  76.55  66.00  56.49  47.84  40.08  33.45  27.60  22.69  426  4.000   0.34
3:  12.45   -6  33.01  0.18   7.3    47                       103.43  92.19  81.75  71.48  61.80  52.81  44.79  37.56  31.33  25.89  21.27  405  4.000   0.3[illegible]
[illegible]:  [illegible]  [illegible]  35.34  0.77  11.6    33                       108.75  97.86  87.71  77.34  66.36  55.69  47.75  41.27  32.97  28.05  22.97  427  4.000   1.2[illegible]
*
[illegible]0800N 20800N 20850N 20750N 99999W  1000   628.  1885.  3769.  6283.                                   2    9 14:44:34
[illegible]:  68.84  -44  46.68  0.05   6.4    43                       144.96 129.65 115.33 100.80  87.24  74.60  63.34  53.16  44.35  36.67  30.17  522  4.000   0.3[illegible]
[illegible]:  21.17   -6  38.44  0.10   7.0    40                       119.71 106.98  95.10  83.16  71.85  61.38  52.03  43.80  36.45  30.21  24.79  454  4.000   0.3[illegible]
[illegible]:   7.[illegible]  130  39.01  1.97  12.2    29                       122.16 109.76  97.34  86.67  76.62  64.37  53.92  45.72  36.50  33.30  25.54  469  8.000   2.4[illegible]
[illegible]:  [illegible]  [illegible]  24.43  1.68  [illegible]    73                        78.92  70.29  64.04  55.89  47.45  39.81  33.02  28.33  23.57  21.75  16.00  329  4.000   3.4[illegible]
*
[illegible]850N 20850N 20900N 20800N 99999W  1000   628.  1885.  3769.                                          2    7 14:48:13
1:  [illegible]   -6  40.47  0.09   6.9    54                       128.47 114.44 101.55  88.47  76.27  65.10  55.11  46.18  38.42  31.71  26.05  474  4.000   0.6[illegible]
2:  19.49  130  43.48  0.03  12.1    37                       133.98 119.72 106.43  93.71  81.12  69.64  59.07  49.45  41.16  33.87  28.47  495  4.000   0.8[illegible]
[illegible]:  [illegible].64   17  24.31  6.05  21.1    85                        86.01  76.03  66.90  58.08  49.09  43.09  34.66  29.83  22.54  20.64  17.03  350  0.500   1.2[illegible]
*
[illegible]08[illegible]N 20850N 20900N 20800N 99999W  1000   628.  1885.  3769.                                          2    5 14:50:12
[illegible]:  86.[illegible]   -5  40.47  0.06   8.3    54                       128.08 114.16 101.25  88.27  76.16  64.97  55.04  46.12  38.38  31.67  26.03  473  4.000   0.6
[illegible]:  [illegible].50  130  43.25  0.08  12.0    37                       134.34 120.40 106.90  93.50  80.99  69.51  58.75  49.28  41.04  33.94  28.04  495  4.000   0.3[illegible]
3:  22.62   19  25.54  0.54  19.3    85                        84.67  75.19  66.49  57.13  49.22  42.25  34.70  28.86  24.23  20.16  16.33  342  1.000   1.0[illegible]
*
[illegible]900N 20900N 20950N 20850N 99999W  1000   628.  1885.                                                 2    5 14:53:03
1:  43.39  130  49.52  0.02  12.0    28                       148.29 133.29 119.07 104.58  90.81  77.95  66.68  56.22  47.12  39.08  32.39  539  8.000   0.5[illegible]
[illegible]:  35.50   19  26.75  0.26  16.9    67                        86.44  76.79  67.96  59.10  50.79  43.49  36.72  30.41  25.56  21.05  17.20  348  2.000   0.5[illegible]
*
20950N 20950N 21000N 20900N 99999W  1000   628.                                                                2    5 14:55:38
1: 107.06   20  31.48  0.10  16.8    67                        99.14  88.41  78.44  68.51  58.98  50.25  42.64  36.26  29.74  24.38  20.40  391  4.000   0.7
*
--------------------------   S C I N T R E X   ----------------------------
              IPR-12 MULTI-CHANNEL IP-RECEIVER V1.5
Job #:          9635                        Date:       96/09/09
Operator:        JPH                        Serial #:   9211025
P-Line:        9900E                        Units:          Metre
Array:     Pole-Dipole                      Mx From:    690 ms  To:  1050 m
---------------------------------------------------------------------------
   Stn      P1      P2      C1      C2  curr     K1      K2      K3      K4      K5      K6      K7      K8 Timing Ovr.     Time
    Ch      Vp      SP      Mx    S.D.    Rc   Rho     M1      M2      M3      M4      M5      M6      M7      M8      M9     M10     M11     M12     M13     M14   Mi    Tau    RM
*
[illegible]0450N 20450N 20500N 20400N 99999W   500   628.  1885.  3769.  6283.                                   2    7 15:17:40
[illegible]: 458.[illegible]    9   5.15  0.02  15.1   576                        17.64  15.38  13.50  11.63   9.97   8.44   7.08   5.89   4.88   3.99   3.24   81  0.500   0.9
[illegible]:  92.24  -52   7.78  0.06  27.4   725                        26.01  22.78  20.05  17.30  14.90  12.66  10.65   8.87   7.39   6.07   4.94  117  1.000   0.8
[illegible]: [illegible].60  -[illegible]  10.65  0.05  46.0   932                        35.78  31.40  27.65  23.80  20.50  17.41  14.60  12.14  10.11   8.27   6.70  157  1.000   0.6
[illegible]:  4[illegible].77  -28  16.62  0.33  45.1   550                        57.06  49.70  43.29  37.24  31.75  27.08  22.90  18.78  15.82  13.12  10.49  237  1.000   1.4
*
[illegible]500N [illegible]0N 20550N 20450N 99999W   [illegible]00   628.  1885.  3769.  6283.                                   2    7 15:22:17
1: 59[illegible].65  -59   7.04  0.01  28.6   533                        23.16  20.46  18.03  15.67  13.50  11.46   9.66   8.06   6.65   5.48   4.47  106  1.000   0.7
2: 170.53  -14  10.56  0.03  48.8   750                        35.22  31.13  27.19  23.63  20.27  17.18  14.49  12.02  10.02   8.19   6.72  156  1.000   0.7
3:  89.73  -36  16.41  0.02  47.3   483                        54.20  47.93  42.19  36.58  31.49  26.71  22.52  18.75  15.57  12.81  10.48  233  1.000   0.8
4:  12.41 -100  43.10  1.74  67.5   111                       133.68 115.01 102.78  93.02  79.55  68.20  57.35  47.71  41.22  34.05  27.81  490  8.000   1.5
*
20550N 205[illegible]N 20600N 20500N 99999W   500   628.  1885.  3769.  6283.                                   2    7 15:27:17
1: 483.96   -6  11.25  0.12  53.6   608                        37.65  33.18  29.27  25.27  21.74  18.40  15.51  12.87  10.66   8.79   7.20  166  1.000   0.[illegible]
2: [illegible].56  -41  16.98  0.22  50.5   420                        56.82  49.98  44.06  37.98  32.77  27.78  23.41  19.44  16.10  13.37  10.98  241  1.000   1.[illegible]
3:  12.93 -104  44.47  0.18  52.4    98                       131.73 117.96 105.50  92.34  80.79  69.36  59.76  50.16  42.40  35.62  29.73  505 16.000   0.[illegible]
4:  [illegible].72  -11  38.66  0.71  62.3   135                       114.50 102.37  92.68  80.65  70.42  61.26  52.61  43.21  36.99  31.17  25.21  460 16.000   0.
*
20600N 20650N 20650N 20550N 99999W   400   628.  1885.  3769.  6283.                                   2    7 15:31:34
1: 2[illegible].39  -43  16.46  0.03  39.7   403                        55.33  48.79  42.84  37.06  31.74  26.85  22.64  18.86  15.61  12.84  10.49  234  1.000   0.[illegible]
[illegible]:  [illegible]  -[illegible]6  35.34  0.16  53.[illegible]    89                       134.27 120.10 107.39  94.65  81.88  70.58  60.59  51.23  43.18  36.01  29.89  511 16.000   0.[illegible]
[illegible]:  [illegible].51  -[illegible]  39.63  0.17  63.4   119                       115.91 103.84  92.92  82.14  71.24  61.86  52.97  44.92  37.66  31.72  26.04  477 32.000   0.7
[illegible]:  [illegible]  [illegible]  [illegible]  [illegible]26  61.[illegible]    9[illegible]                        82.35  73.70  73.95  53.21  51.02  43.31  37.42  32.25  21.35  22.77  18.56  350  8.000   8.[illegible]
*
[illegible] [illegible] 20700N 20600N 99999W   [illegible]   628.  1885.  3769.  6283.                                   2    7 15:35:44
[illegible]:  [illegible].43  -95  47.00  0.10  65.4    39                       133.34 120.74 108.77  96.27  84.33  72.94  62.64  53.16  44.79  37.63  31.29  545 64.000   0.4
[illegible]:  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]   [illegible]                       118.33 107.58  97.10  86.26  75.37  65.38  55.90  47.70  40.43  33.56  28.00  509 64.000   0.[illegible]
[illegible]:  [illegible]  [illegible]  [illegible]  [illegible]  [illegible]   [illegible]                        83.22  75.38  67.61  59.87  52.26  44.98  38.68  33.03  27.50  23.16  18.94  382 32.000   0.4
4:   7.29   74  27.05  1.57  59.6    [illegible]                        82.30  74.46  66.30  56.22  51.02  41.64  36.19  30.48  26.29  21.48  17.73  348  8.000   1.7
```
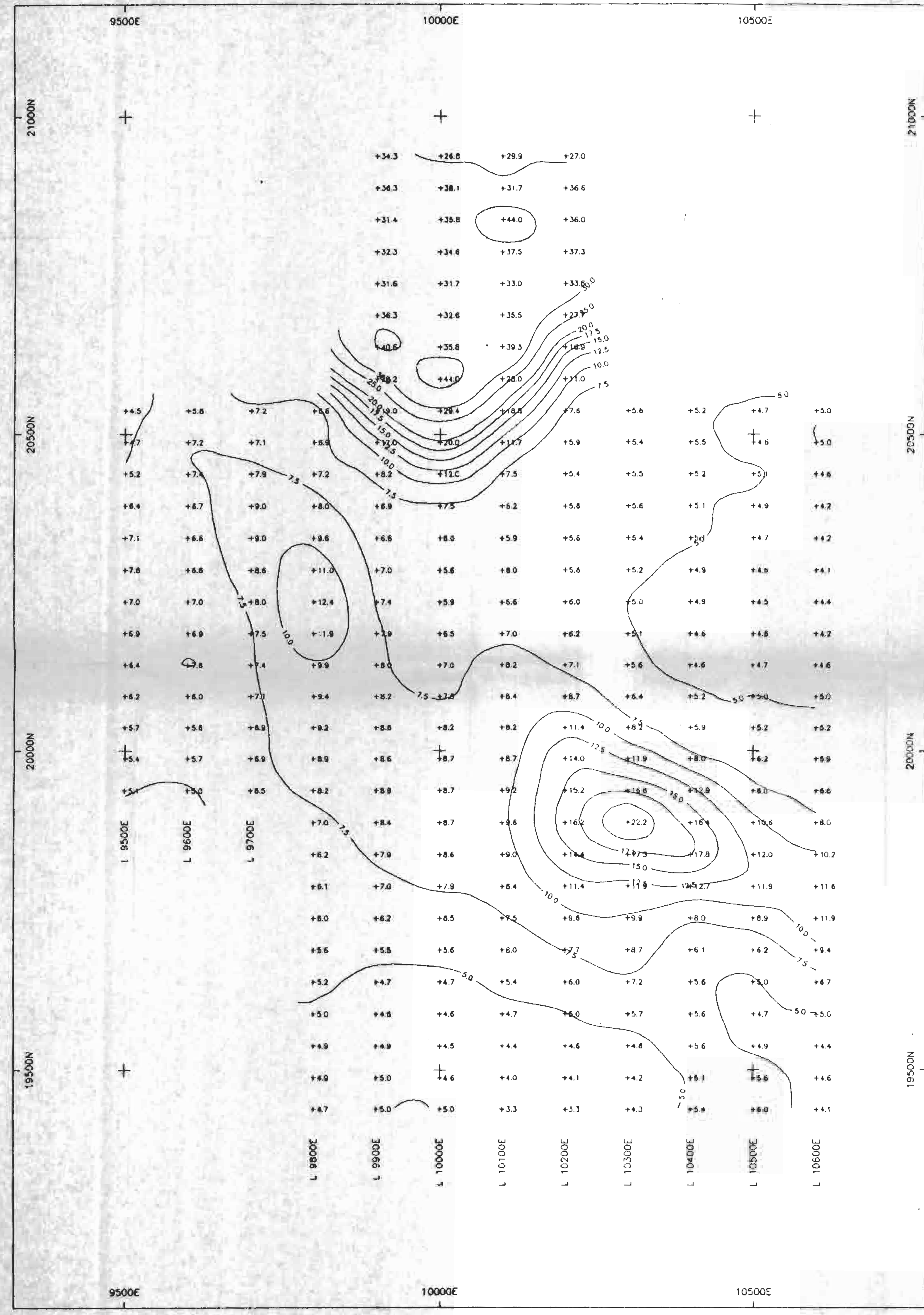

[illegible]	[illegible]	20750N	[illegible]	99999W	500	628.	1885.	3769.	6283.						2	7 15:39:57							
	[illegible]	[illegible]	[illegible]	[illegible]					128.30	117.80	106.85	94.90	81.70	71.93	61.70	51.66	44.14	37.02	31.03	538	64.000	0.76	
2:	15.73	36	32.77	0.47	60.3	59				93.42	83.74	74.53	65.59	59.56	50.00	43.39	36.83	30.83	25.58	21.15	413	32.000	1.00
3:	9.18	70	28.67	0.43	57.1	69				89.15	80.39	70.98	61.29	53.74	46.03	38.36	32.45	27.64	23.61	19.18	369	8.000	1.65
4:	10.03	43	22.78	0.70	32.6	126				73.56	63.14	55.27	50.58	42.64	36.63	30.70	26.04	21.41	17.22	14.20	300	2.000	1.52
20750N	20750N	20800N	20700N	99999W	500	628.	1885.	3769.	6283.						2	7 15:43:56							
1:	22.93	39	39.04	0.29	74.6	29				112.28	102.72	89.44	79.72	70.85	61.22	53.52	44.26	36.87	32.47	26.45	489	64.000	1.53
2:	10.75	72	33.35	1.11	66.8	41				97.02	86.37	80.15	68.65	60.06	51.26	42.86	38.10	31.17	25.47	21.02	400	8.000	1.51
3:	11.07	37	23.85	0.26	29.5	83				76.64	68.84	60.54	52.12	45.24	38.17	32.23	27.15	22.59	18.71	15.55	315	2.000	1.14
4:	6.00	21	30.88	0.09	16.6	75				101.85	91.25	80.68	70.89	59.88	50.91	42.29	35.96	29.36	26.27	21.67	398	4.000	2.84
20800N	20800N	20850N	20750N	99999W	400	628.	1885.	3769.	6283.						2	7 15:48:28							
1:	35.00	67	39.74	0.09	63.4	61				117.48	105.85	94.52	83.06	72.47	62.39	53.27	45.12	37.80	31.35	26.06	468	16.000	0.30
	15.85	44	30.18	0.26	30.0	75				93.99	84.12	74.78	65.33	56.49	48.40	41.07	34.32	28.67	23.73	19.41	378	4.000	0.23
3:	6.85	18	35.47	0.50	11.9	65				111.45	99.54	88.82	77.38	66.96	57.26	48.40	40.46	33.69	27.85	22.76	429	4.000	0.37
4:	3.66	36	32.84	1.13	9.4	58				102.28	91.51	81.59	70.88	61.40	52.48	44.55	37.20	31.22	25.85	20.93	403	4.000	0.39
20850N	20850N	20900N	20800N	99999W	300	628.	1885.	3769.							2	7 15:52:19							
1:	32.25	44	32.11	0.13	29.6	68				99.36	88.61	78.72	68.89	59.66	51.09	43.39	36.52	30.50	25.37	20.91	399	8.000	0.78
2:	9.28	18	37.56	0.21	11.8	58				119.11	105.99	94.00	82.13	70.87	60.51	51.13	42.92	35.62	29.61	24.23	449	4.000	0.59
3:	4.05	36	34.48	0.34	9.2	51				107.57	95.42	84.30	74.37	63.96	55.02	46.48	39.06	32.87	27.01	22.11	417	4.000	0.57
20900N	20900N	[illegible]	20850N	99999W	200	628.	1885.								2	5 15:55:57							
1:	63.59	18	41.40	0.00	11.8	57				128.95	115.37	102.71	89.69	77.61	66.30	56.19	47.16	39.30	32.47	26.71	480	4.000	0.24
2:	18.56	-	36.03	0.05	9.3	50				111.50	99.45	88.75	77.72	67.14	57.81	48.68	40.97	34.21	28.38	23.33	432	4.000	0.56
20950N	20950N	21000N	20900N	99999W	500	628.									2	5 15:59:02							
1:	44.35	36	34.08	0.00	9.3	56				110.20	97.80	86.43	75.15	64.59	55.01	46.51	38.89	32.34	26.61	21.88	421	2.000	0.52



SURVEY SPECIFICATIONS

receiver	Scintrex IPR12
transmitter	IRIS VIP3000
pulse time	2 seconds
Mx receive window	690-1050 msecs
array	pole dipole
a spacing	50 metres
n separations	1 to 4

the current electrode is located south of the receiving electrodes

Contoured value — Filtered Mx

Filtered values — n = 1 to 4

Contour Intervals:
2.5, 5.0, 7.5, 10.0, 12.5, 15.0, 17.5
20.0, 25.0, 30.0, 35.0, 40.0 mV/Volt

FILTER DESCRIPTION:
The filtered value gives equal weight to each of the n-separations, and is calculated at each n=1 data point.

The filter has the effect of passing a triangle over the data set, such that one value is selected for n=1, two for n=2, three for n=3, etc.

The average of the averages for each of the n-separations is the filtered value for the given n=1 location.

Where there is only a partial set of data, such as at the ends of lines, the average for each n-separation is the average of the existing values.

The filter map gives only general trends. The pseudosections must be referred to for detailed evaluation of the data.

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,869

0 100 200 300 400
METERS

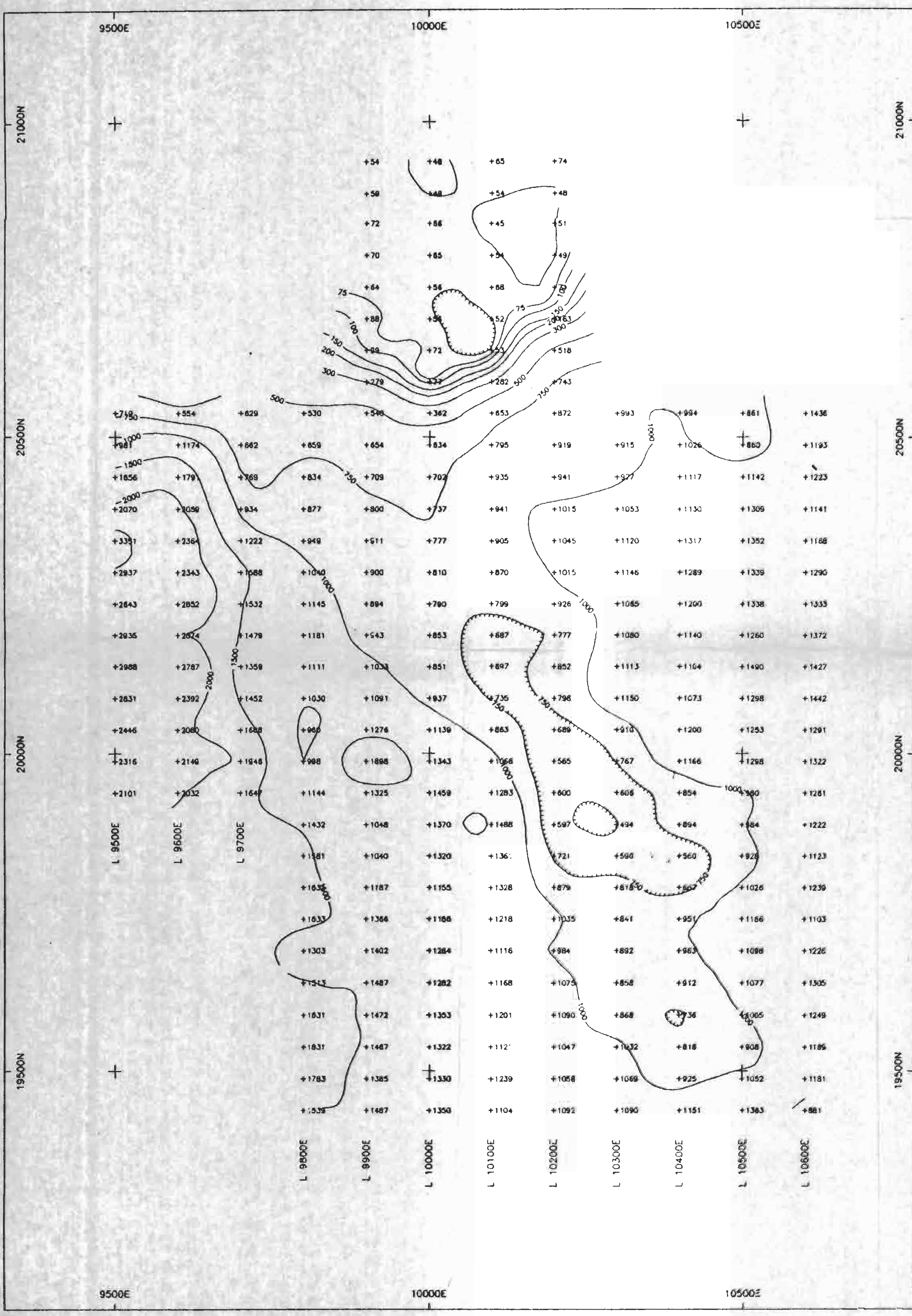
WESTMIN RESOURCES LTD.

BENNETT PROJECT

LAKE BENNETT AREA, B.C.
Chargeability Contour Plan
Triangular Filtered Values
First to Fourth Separations

DRAWN BY: ars | DATE: September/96

SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS

receiver	Scintrex IPR12
transmitter	IRIS VIP3000
pulse time	2 seconds
Mx receive window	690-1050 msecs
array	pole dipole
a spacing	50 metres
n separations	1 to 4

the current electrode is located south of the receiving electrodes

Contoured value Filtered Res.

Filtered values n = 1 to 4

Logarithmic Contour Intervals:
50, 75, 100, 150, 200, 300, 500, 750, 1000, 1500, 2000, 3000 ohm-m

FILTER DESCRIPTION:
The filtered value gives equal weight to each of the n-separations, and is calculated at each n=1 data point.

The filter has the effect of passing a triangle over the data set, such that one value is selected for n=1, two for n=2, three for n=3, etc.

The average of the averages for each of the n-separations is the filtered value for the given n=1 location.

Where there is only a partial set of data, such as at the ends of lines, the average for each n-separation is the average of the existing values.

The filter map gives only general trends. The pseudosections must be referred to for detailed evaluation of the data.

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,869

WESTMIN RESOURCES LTD.

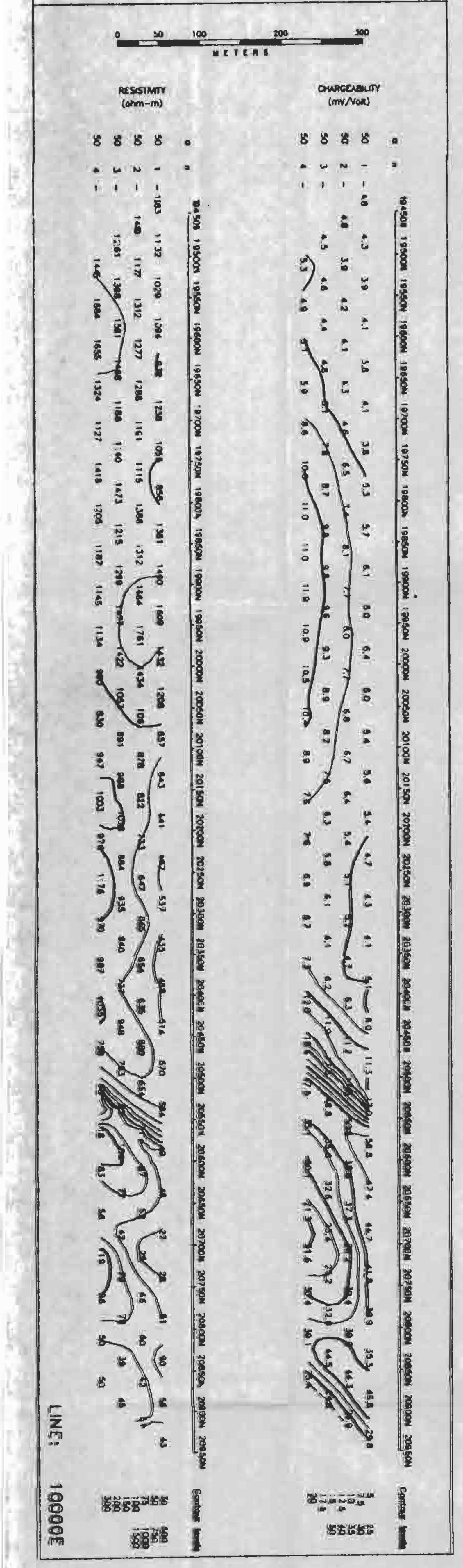
BENNETT PROJECT
LAKE BENNETT AREA, B.C.
Resistivity Contour Plan
Triangular Filtered Values
First to Fourth Separations

DRAWN BY: ars | DATE: September/96

SCOTT GEOPHYSICS LTD.

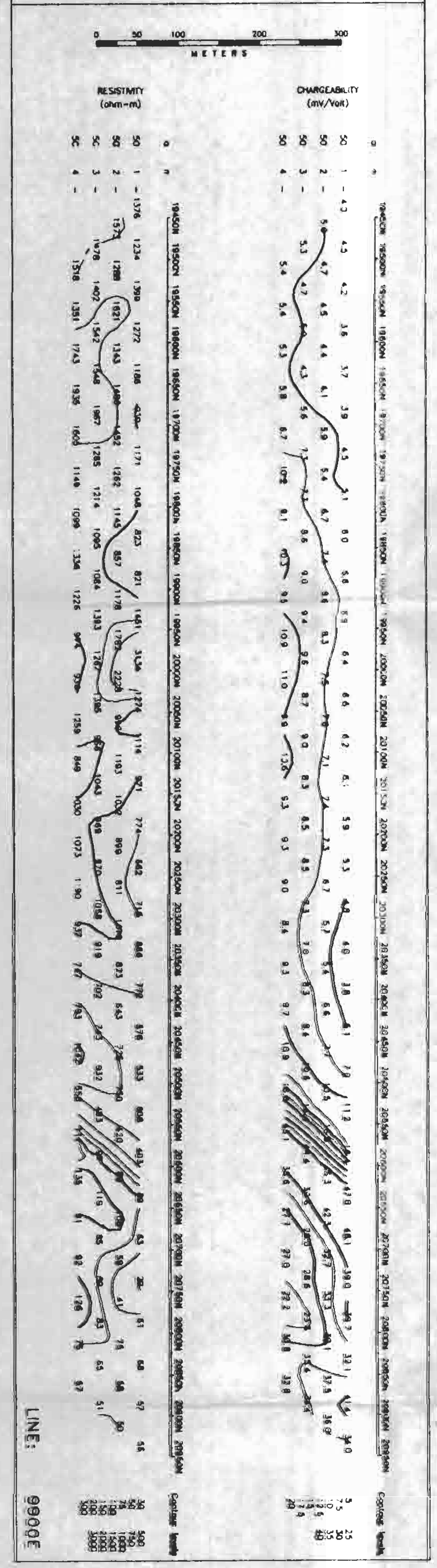
WESTMIN RESOURCES LTD.

BENNETT PROJECT, LAKE BENNETT, B.C.
LINE: 10000E
INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. — Scintrex IPR12
September/96 — Pulse Rate: 2 sec
Current electrode is south of receiving electrodes (array heading north)
Mx Chargeability is for the interval 690-1050 msecs after shutoff



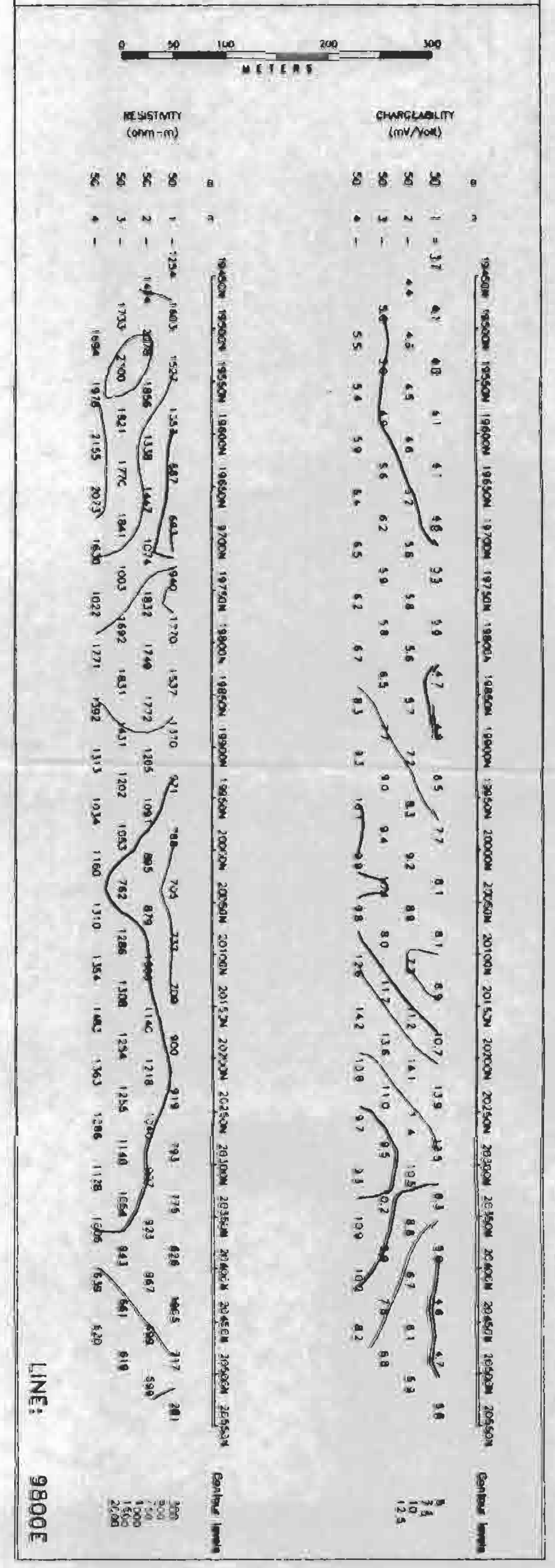
WESTMIN RESOURCES LTD.

BENNETT PROJECT, LAKE BENNETT, B.C.
LINE: 9900E
INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. — Scintrex IPR12
September/96 — Pulse Rate: 2 sec
Current electrode is south of receiving electrodes (array heading north)
Mx Chargeability is for the interval 690-1050 msecs after shutoff



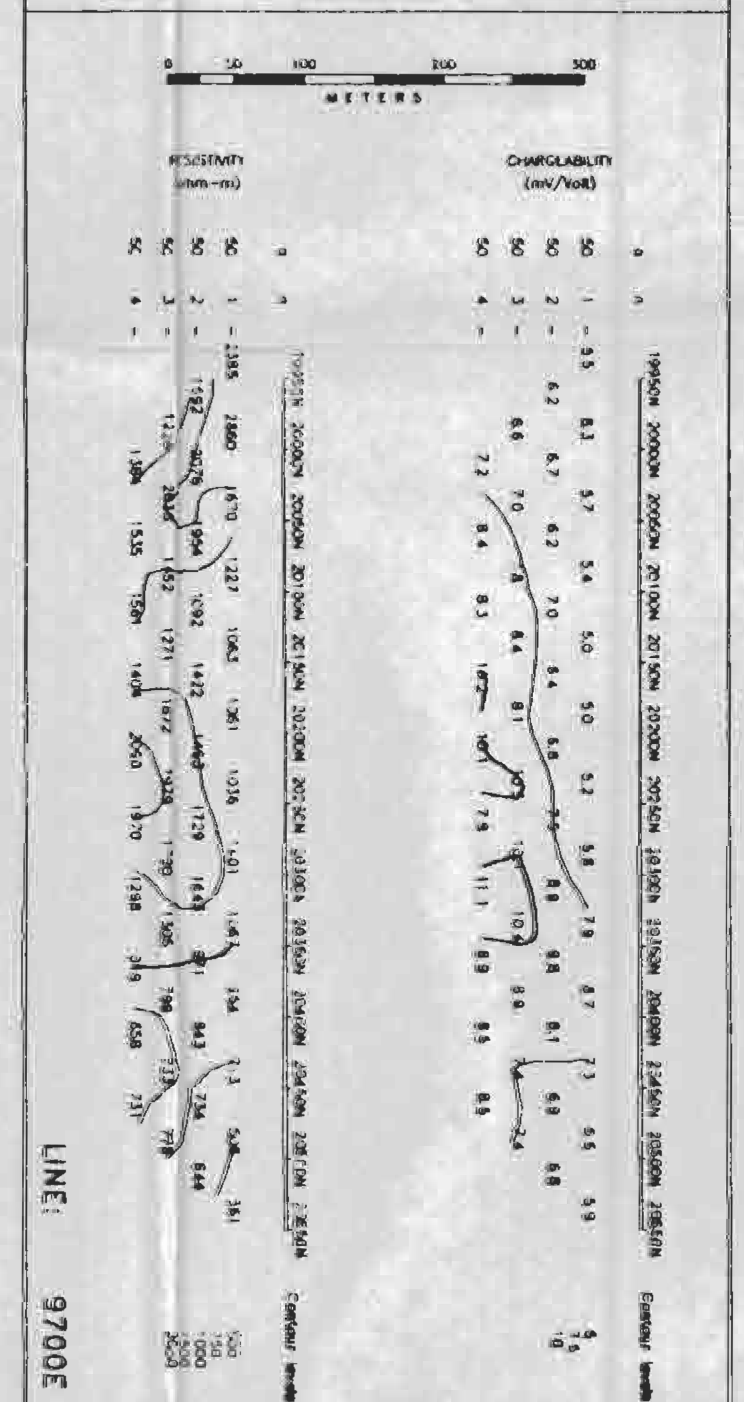
WESTMIN RESOURCES LTD.

BENNETT PROJECT, LAKE BENNETT, B.C.
LINE: 9800E
INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. — Scintrex IPR12
September/96 — Pulse Rate: 2 sec
Current electrode is south of receiving electrodes (array heading north)
Mx Chargeability is for the interval 690-1050 msecs after shutoff



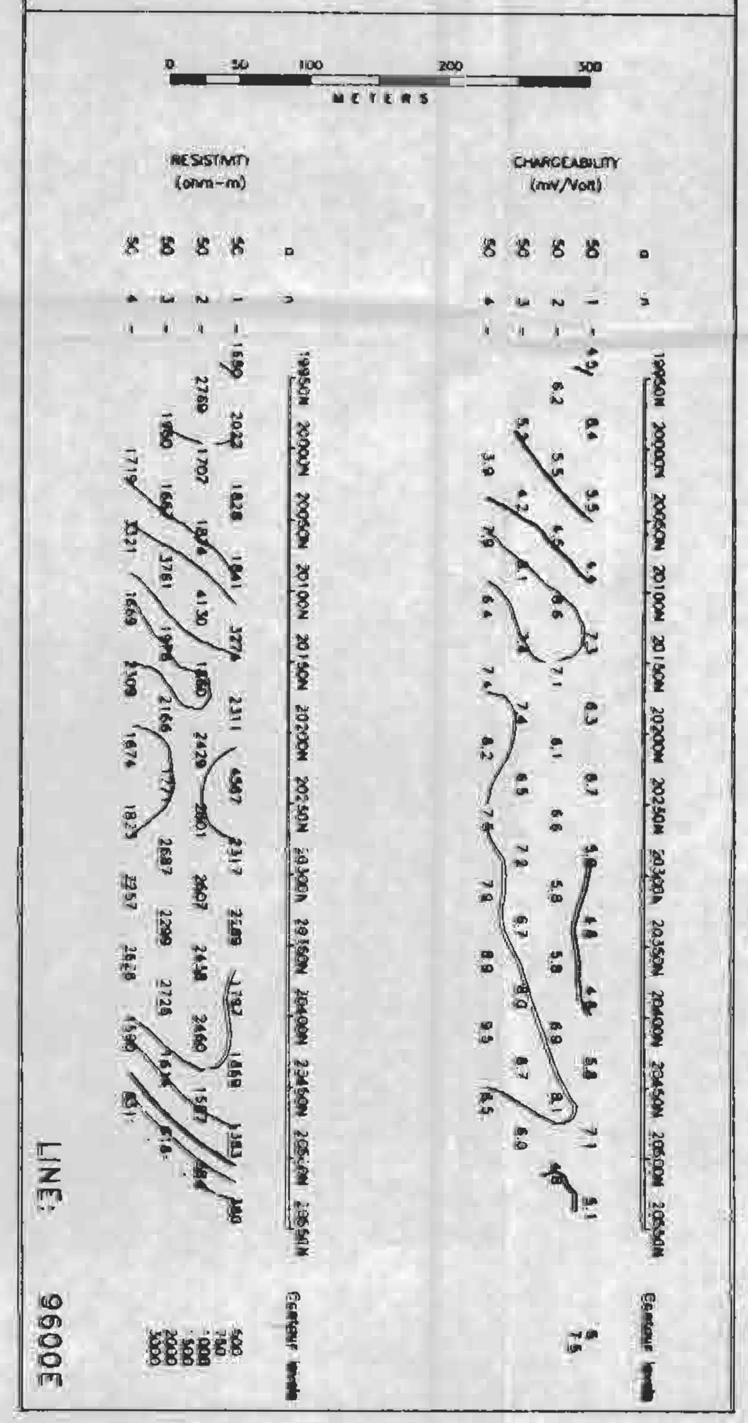
WESTMIN RESOURCES LTD.

BENNETT PROJECT, LAKE BENNETT, B.C.
LINE: 9700E
INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. — Scintrex IPR12
September/96 — Pulse Rate: 2 sec
Current electrode is south of receiving electrodes (array heading north)
Mx Chargeability is for the interval 690-1050 msecs after shutoff



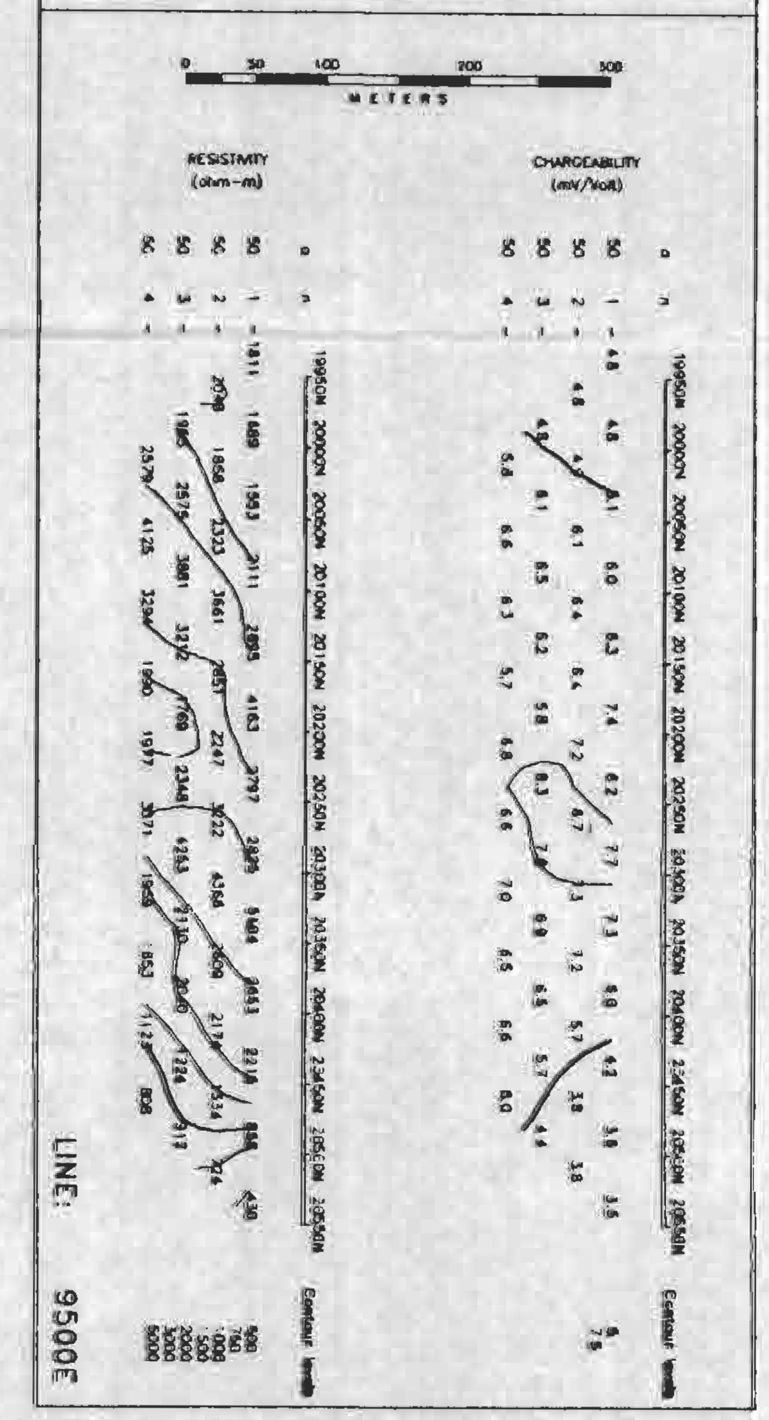
WESTMIN RESOURCES LTD.

BENNETT PROJECT, LAKE BENNETT, B.C.
LINE: 9600E
INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. — Scintrex IPR12
September/96 — Pulse Rate: 2 sec
Current electrode is south of receiving electrodes (array heading north)
Mx Chargeability is for the interval 690-1050 msecs after shutoff



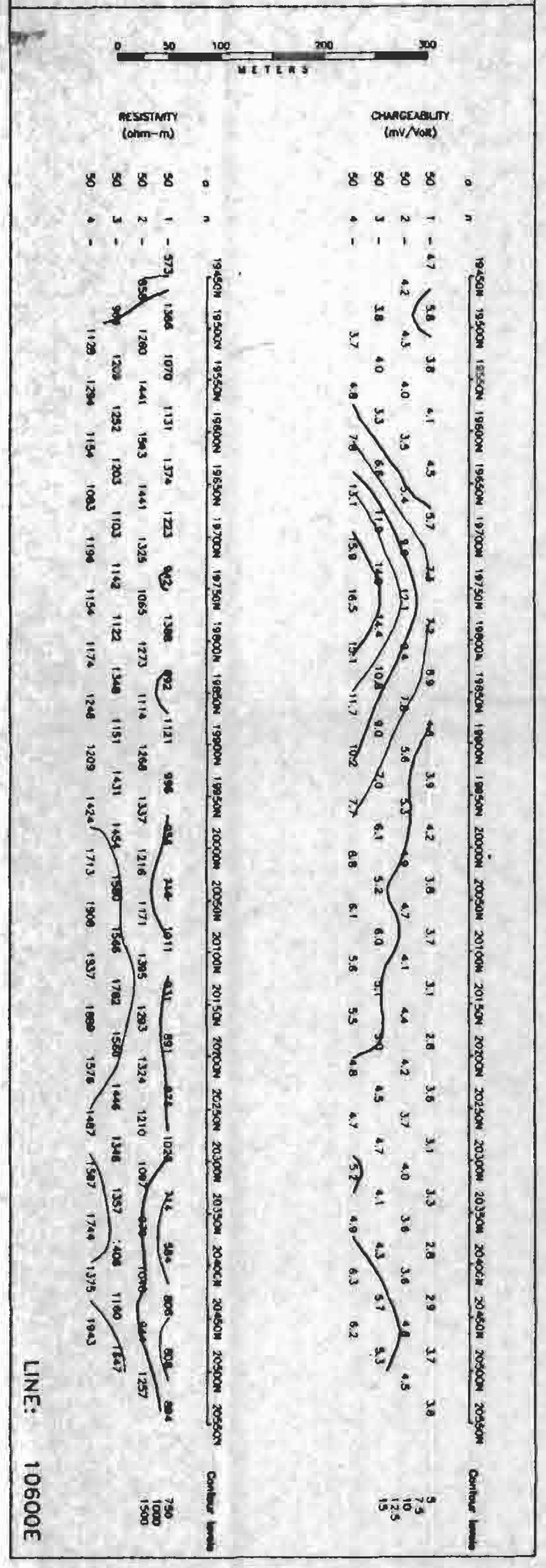
WESTMIN RESOURCES LTD.

BENNETT PROJECT, LAKE BENNETT, B.C.
LINE: 9500E
INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. — Scintrex IPR12
September/96 — Pulse Rate: 2 sec
Current electrode is south of receiving electrodes (array heading north)
Mx Chargeability is for the interval 690-1050 msecs after shutoff



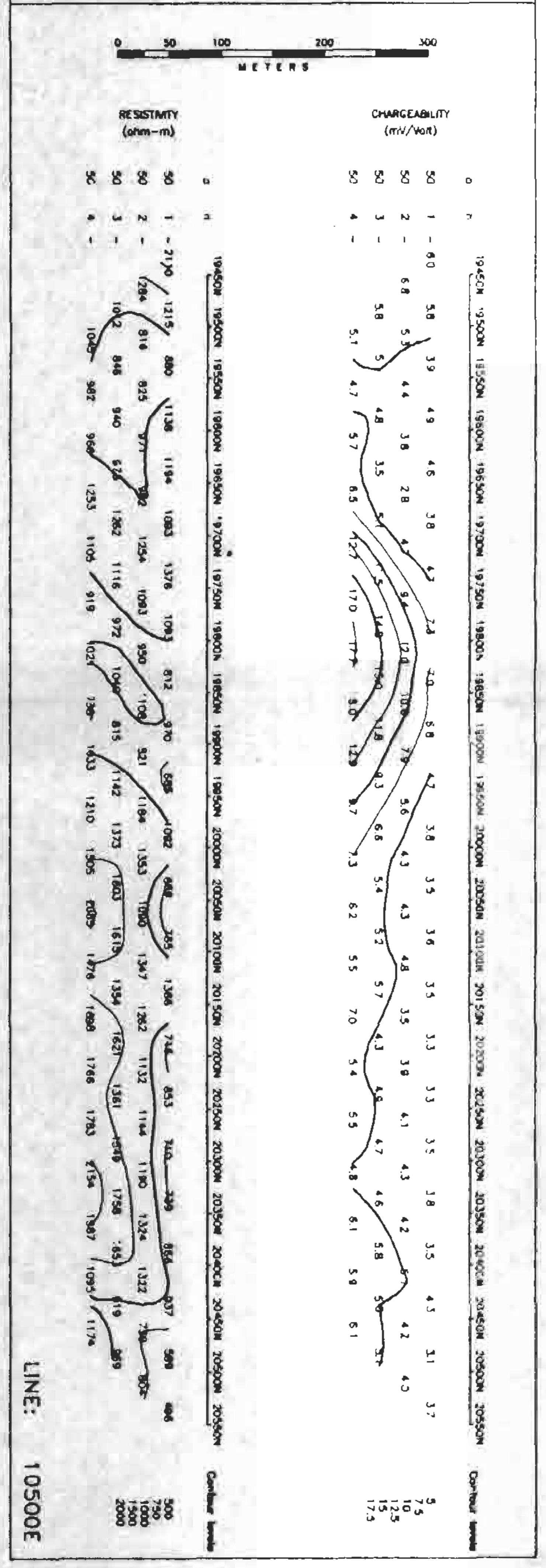
WESTMIN RESOURCES LTD.

BENNETT PROJECT, LAKE BENNETT, B.C.
LINE: 10600E
INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. Scintrex IPR12
September/96 Pulse Rate: 2 sec
Current electrode is south of receiving electrodes (array heading north)
Mx Chargeability is for the interval 690-1050 msecs after shutoff



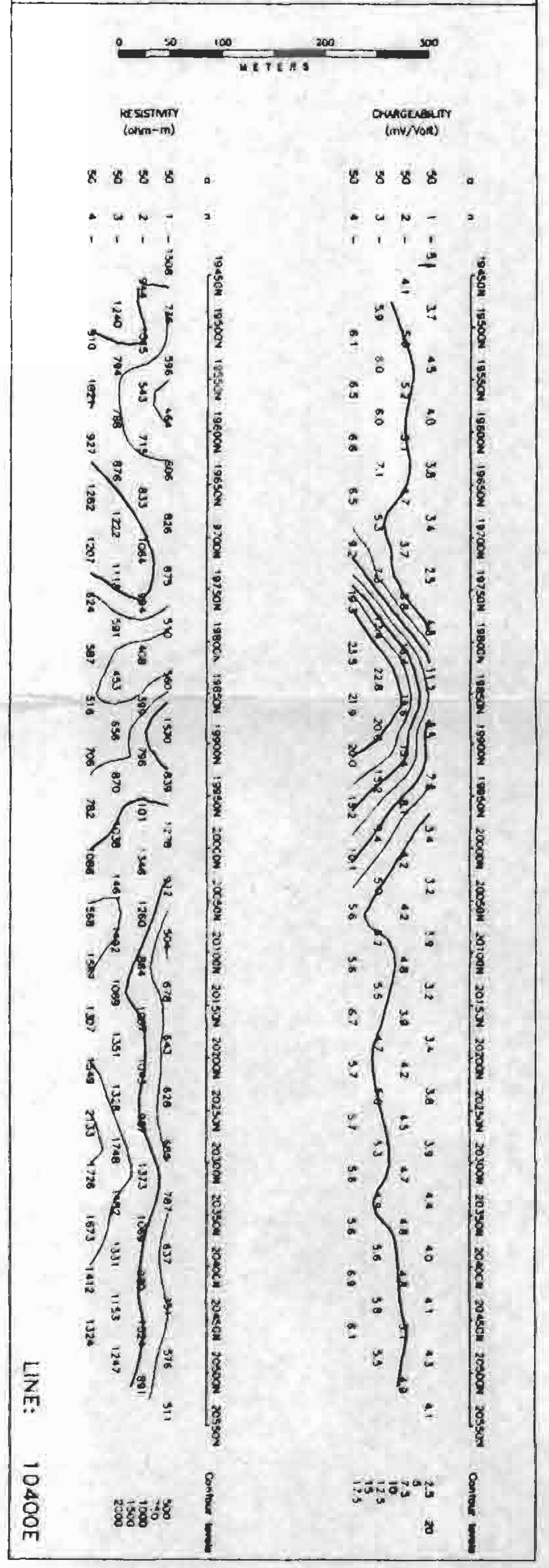
WESTMIN RESOURCES LTD.

BENNETT PROJECT, LAKE BENNETT, B.C.
LINE: 10500E
INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. Scintrex IPR12
September/96 Pulse Rate: 2 sec
Current electrode is south of receiving electrodes (array heading north)
Mx Chargeability is for the interval 690-1050 msecs after shutoff



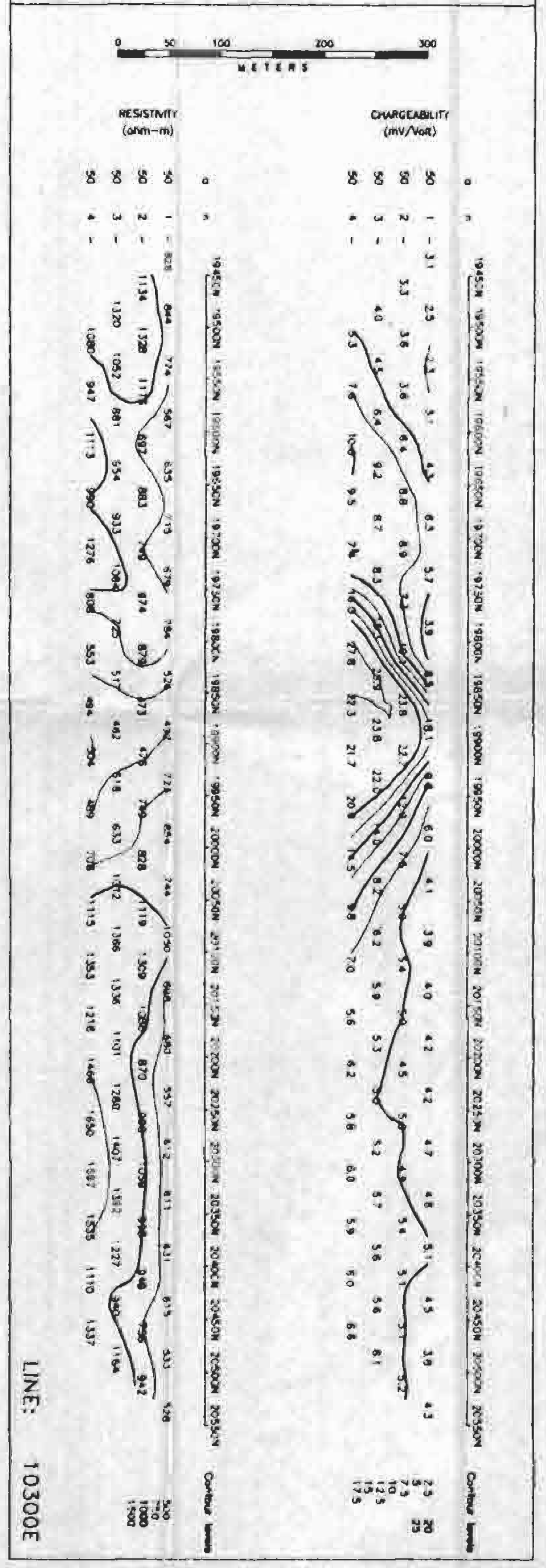
WESTMIN RESOURCES LTD.

BENNETT PROJECT, LAKE BENNETT, B.C.
LINE: 10400E
INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. Scintrex IPR12
September/96 Pulse Rate: 2 sec
Current electrode is south of receiving electrodes (array heading north)
Mx Chargeability is for the interval 690-1050 msecs after shutoff



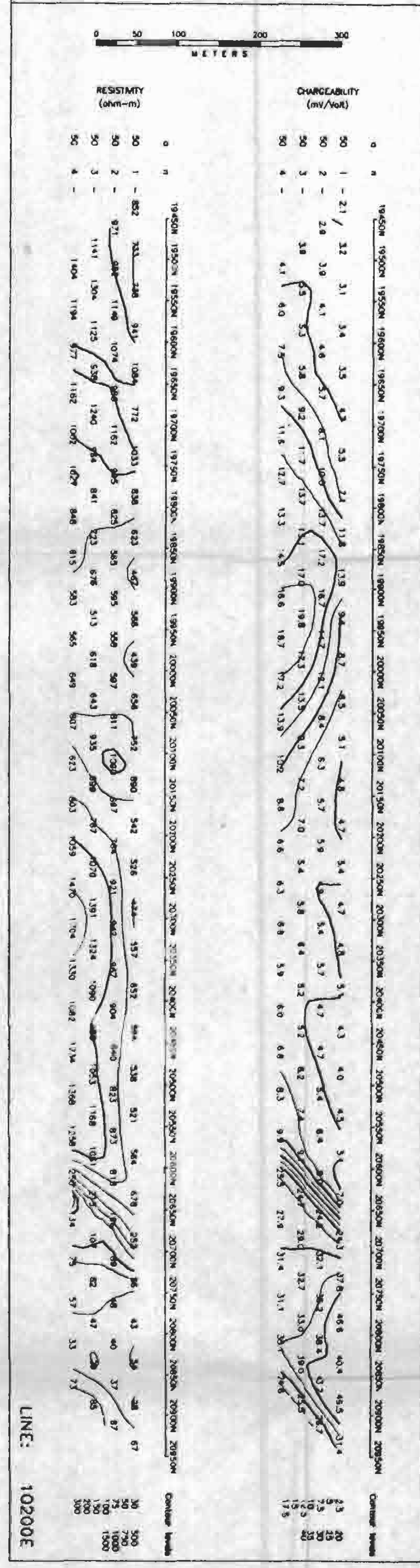
WESTMIN RESOURCES LTD.

BENNETT PROJECT, LAKE BENNETT, B.C.
LINE: 10300E
INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. Scintrex IPR12
September/96 Pulse Rate: 2 sec
Current electrode is south of receiving electrodes (array heading north)
Mx Chargeability is for the interval 690-1050 msecs after shutoff



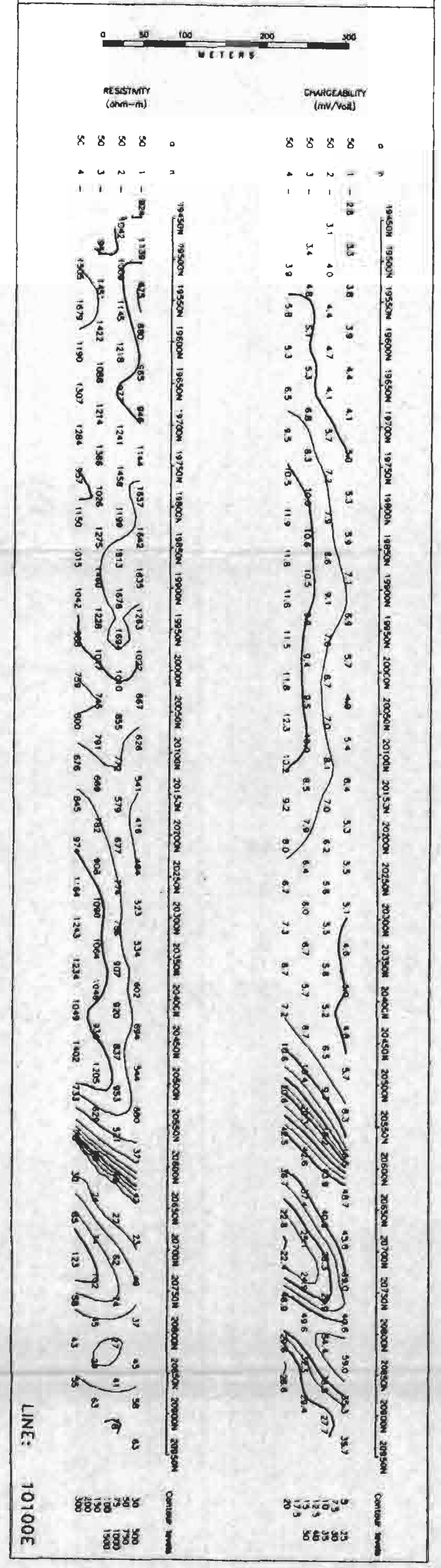
WESTMIN RESOURCES LTD.

BENNETT PROJECT, LAKE BENNETT, B.C.
LINE: 10200E
INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. Scintrex IPR12
September/96 Pulse Rate: 2 sec
Current electrode is south of receiving electrodes (array heading north)
Mx Chargeability is for the interval 690-1050 msecs after shutoff



WESTMIN RESOURCES LTD.

BENNETT PROJECT, LAKE BENNETT, B.C.
LINE: 10100E
INDUCED POLARIZATION SURVEY (Pole-Dipole Array)
SCOTT GEOPHYSICS LTD. Scintrex IPR12
September/96 Pulse Rate: 2 sec
Current electrode is south of receiving electrodes (array heading north)
Mx Chargeability is for the interval 690-1050 msecs after shutoff



APPENDIX H

MAGNETOMETER AND VLF-EM RAW DATA FOR THE BENNETT AND CAMP GRIDS

MAGNETOMETER AND VLF-EM RAW DATA FOR THE BENNETT GRID

Time	Grid Easting	Grid northing	Uncorrected mag data	Corrected mag data	VLF freq #1	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq #2	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)
141058	10900	19400	57582.83	58190.18	21.4	14.1	-2.8	15	9	2.64	22.3	59.5	19.7	11	2	6.29
141150	10900	19420	57636.85	58244	21.4	14.3	-1.6	20	24	2.25	22.3	45.6	19.2	22	7	6.48
141218	10900	19440	57680.84	58287.84	21.4	17.3	1.1	35	48	2.13	22.3	58.8	20.7	45	15	6.55
141246	10900	19460	57636.19	58243.12	21.4	14.1	-0.2	41	50	2.33	22.3	58.4	21.4	92	27	6.62
141314	10900	19480	57640.01	58246.9	21.4	13.9	-0.2	41	49	2.29	22.3	54.8	20	45	14	6.55
141342	10900	19500	57571.52	58178.08	21.4	15.1	2.6	45	48	2.37	22.3	68.5	18.9	100	37	7.33
141410	10900	19520	57558.31	58164.76	21.4	12.6	1.5	42	49	2.31	22.3	66.8	21.1	46	15	6.7
141434	10900	19540	57545.01	58151.73	21.4	12.6	2.1	47	47	2.37	22.3	66.9	19.7	97	30	6.97
141502	10900	19560	57572.79	58179.3	21.4	14.1	0	100	96	2.48	22.3	57.8	20.7	47	15	6.83
141530	10900	19580	57606.53	58212.76	21.4	15.7	1.7	48	47	2.39	22.3	53.5	20.5	101	31	7.26
141554	10900	19600	57638	58244.26	21.4	17.5	0.8	76	95	2.17	22.3	55.9	21.5	46	13	6.58
141622	10900	19620	57665.86	58271.8	21.4	20.1	-0.3	37	46	2.14	22.3	49.1	18.3	101	33	7.32
141650	10900	19640	57710.27	58316.24	21.4	19.7	-1.2	77	94	2.17	22.3	57.7	20	46	13	6.67
142222	10900	19660	57722.31	58327.88	21.4	10.2	-10.1	21	27	2.46	22.3	53.3	17.1	26	5	7.49
142254	10900	19680	57710.18	58315.9	21.4	10.3	-9.2	36	57	2.43	22.3	54.1	15.6	54	15	7.68
142322	10900	19700	57723.79	58329.43	21.4	8.4	-10.3	34	58	2.41	22.3	54.5	17.9	52	15	7.48
142350	10900	19720	57736.87	58342.75	21.4	6.6	-8.2	36	58	2.44	22.3	66.5	19.2	48	17	7.03
142422	10900	19740	57741.59	58347.85	21.4	5.4	-5.4	35	57	2.41	22.3	59.3	17.8	105	33	7.57
142450	10900	19760	57740.88	58347.17	21.4	7.6	-4	42	54	2.46	22.3	62.1	16.9	50	19	7.47
142526	10900	19780	57764.4	58371.14	21.4	6.7	-3.8	43	52	2.43	22.3	62.6	15.6	49	15	7.08
142554	10900	19800	57782.6	58389.34	21.4	7.9	-1.5	43	54	2.49	22.3	69.7	17.6	51	15	7.31
142626	10900	19820	57665.59	58272.44	21.4	6.8	-1.4	59	40	2.57	22.3	82.2	18.1	48	19	7.21
142706	10900	19840	57824.23	58430.72	21.4	6	-5.2	47	54	2.55	22.3	60.5	17.7	53	16	7.62
142734	10900	19860	57771.46	58377.76	21.4	8.8	-5.3	41	57	2.53	22.3	53.7	19.8	52	16	7.54
142810	10900	19880	57675.62	58281.75	21.4	7.3	-6.4	59	44	2.64	22.3	65.5	18.7	47	15	6.84
142846	10900	19900	57676.32	58282.35	21.4	9	-6.5	43	58	2.58	22.3	55.5	18.4	108	34	7.79
142922	10900	19920	57722.57	58328.44	21.4	8.5	-8.2	41	60	2.6	22.3	55.8	19.5	51	21	7.61
142954	10900	19940	57693.44	58299.3	21.4	12	-8.2	49	57	2.7	22.3	51.9	17.2	51	15	7.36
143026	10900	19960	57659.37	58264.61	21.4	11.3	-10.8	53	53	2.7	22.3	58.8	19.5	49	18	7.2
143102	10900	19980	57700.53	58305.41	21.4	12	-10	59	50	2.77	22.3	63	18.7	52	23	7.89
143130	10900	20000	57704.04	58309.75	21.4	17.9	-7.7	47	61	2.76	22.3	60.3	17.4	51	14	7.3
143202	10900	20020	57607.87	58212.92	21.4	22.1	-9.7	44	63	2.74	22.3	54.9	22.9	53	15	7.56
143238	10900	20040	57671.32	58277.27	21.4	21.1	-11.3	53	53	2.7	22.3	56.1	19.4	52	16	7.55
143326	10900	20060	57723.76	58328.89	21.4	25.6	-12.7	44	60	2.68	22.3	52.4	18.4	51	15	7.35
143358	10900	20080	57650.71	58256.74	21.4	27.2	-12.7	49	57	2.71	22.3	64	18.8	51	15	7.36
143430	10900	20100	57687.93	58293.65	21.4	29.7	-12.3	49	56	2.67	22.3	62.4	17.4	54	12	7.66
153222	10800	19400	57553.56	58152.28	21.4	2.2	-8.1	20	68	2.55	22.3	-60.2	-20.7	75	26	5.46
153138	10800	19420	57566.7	58165.47	21.4	1.8	-4.5	41	59	2.58	22.3	-57.6	-20.8	80	20	5.67
153106	10800	19440	57599.05	58197.97	21.4	1.4	-2.3	38	60	2.56	22.3	-47.9	-21.5	38	12	5.56
153026	10800	19460	57523.43	58122.16	21.4	2.2	-2.6	22	29	2.63	22.3	-37.5	-17.7	20	5	5.81
152918	10800	19480	57578.33	58177.49	21.4	-1.4	-1.8	5	16	2.49	22.3	-3.8	-7.4	11	2	6.15
152222	10800	19500	57552.47	58153.42	21.4	1.7	-0.6	36	61	2.54	22.3	-54.8	-22.5	78	21	5.6
152150	10800	19520	57562.25	58163.51	21.4	0.3	-0.9	39	59	2.56	22.3	-55	-24.1	78	22	5.61
152118	10800	19540	57561.48	58162.72	21.4	0.3	-4.2	37	59	2.51	22.3	-64	-23.4	79	23	5.69
152046	10800	19560	57561.78	58163.07	21.4	0.4	-0.9	38	60	2.54	22.3	-60	-23.4	83	25	5.96
152014	10800	19580	57551.04	58152.45	21.4	0.5	-1.6	43	57	2.58	22.3	-55.5	-20.4	88	32	6.43
151942	10800	19600	57554.01	58155.76	21.4	2.2	-1.9	44	57	2.58	22.3	-57.2	-21.5	88	27	6.31
151906	10800	19620	57558.98	58160.79	21.4	3.2	-1.4	42	60	2.62	22.3	-53.8	-21.9	87	29	6.32
151834	10800	19640	57588.88	58190.78	21.4	3	-7.9	40	59	2.57	22.3	-62.8	-22.4	43	13	6.3
151758	10800	19660	57591.78	58193.93	21.4	3.8	-4.2	37	61	2.56	22.3	-51.6	-22.2	91	27	6.54
151726	10800	19680	57599.81	58202.28	21.4	4	-11.3	41	57	2.53	22.3	-64.9	-21.8	46	14	6.65
151650	10800	19700	57601.16	58203.82	21.4	4.7	-7.6	39	60	2.55	22.3	-54.6	-22.9	88	32	6.47
151622	10800	19720	57609.32	58212.11	21.4	5.7	-9.5	31	61	2.45	22.3	-61.2	-22.7	87	28	6.27
151550	10800	19740	57668.56	58271.5	21.4	5.8	-9.1	28	62	2.45	22.3	-55.9	-21	45	14	6.49
151510	10800	19760	57630.25	58233.39	21.4	5.9	-8.8	30	62	2.47	22.3	-56.5	-19.8	100	35	7.3
151434	10800	19780	57682.64	58286.05	21.4	4.8	-6.5	30	61	2.44	22.3	-55.3	-20.7	48	18	7.03
151402	10800	19800	57716.7	58320.38	21.4	3.4	-4.1	14	32	2.5	22.3	-52.4	-19.7	24	8	7.2
151310	10800	19820	57711.07	58314.92	21.4	6.5	-1.2	7	15	2.48	22.3	-34.4	-15.4	13	3	7.62
144534	10800	19840	57769.19	58374.16	21.4	8.8	-0.8	30	62	2.47	22.3	-65.6	-17.8	59	15	8.35
144502	10800	19860	57686.08	58291.4	21.4	6.9	-2.6	38	62	2.62	22.3	-62.4	-17.7	57	14	8.15
144422	10800	19880	57594.86	58200.49	21.4	11.8	-0.1	33	64	2.59	22.3	-57	-16.2	61	16	8.77
144338	10800	19900	57469.19	58074.88	21.4	9.3	-0.3	32	65	2.6	22.3	-58.8	-17.1	56	14	8.01
144218	10800	19920	57477.14	58082.19	21.4	7.3	-3.1	45	60	2.69	22.3	-59.6	-16.3	57	17	8.23
144142	10800	19940	57510.89	58116.3	21.4	6.8	-3.8	32	66	2.64	22.3	-64.1	-17.6	56	21	8.21
144110	10800	19960	57478.69	58083.96	21.4	7.7	-5.9	34	66	2.67	22.3	-55.1	-15.4	59	18	8.51
144030	10800	19980	57474.05	58080.3	21.4	8.9	-5.6	44	65	2.82	22.3	-62.5	-17	58	17	8.33

MAGNETOMETER AND VLF-EM RAW DATA FOR THE BENNETT GRID

Time	Grid Easting	Grid northing	Uncorrected mag data	Corrected mag data	VLF freq.#1	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#2	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)
143958	10800	20000	57498.37	58104.01	21.4	11.2	-7.7	53	60	2.86	22.3	-60.3	-16.3	56	16	8.02
143926	10800	20020	57487.96	58094.56	21.4	13.1	-6.4	57	56	2.88	22.3	-62.5	-16.8	56	19	8.15
143854	10800	20040	57512.55	58119.3	21.4	14.2	-7	47	65	2.87	22.3	-60.5	-14.8	57	19	8.25
143822	10800	20060	57488.24	58095	21.4	15.3	-9.4	48	65	2.89	22.3	-56.5	-15.6	53	21	7.85
143746	10800	20080	57521.46	58128.75	21.4	20.7	-7.5	45	63	2.78	22.3	-57.3	-15	56	15	8.05
143706	10800	20100	57476.54	58083.1	21.4	20.3	-6.8	48	60	2.76	22.3	-50.9	-18.5	55	12	7.72
153626	10600	19400	57558.32	58156.58	21.4	-9.2	-9.6	34	62	2.52	22.3	51	20.8	96	23	6.78
153706	10600	19420	57589.69	58187.87	21.4	-9.4	-11.7	42	56	2.52	22.3	49.2	23.2	44	13	6.33
153738	10600	19440	57574.74	58172.85	21.4	-7.2	-9.4	46	55	2.6	22.3	58.1	23.7	82	27	5.94
153810	10600	19460	57586.74	58184.69	21.4	-5.1	-8.9	41	59	2.59	22.3	44.8	21.4	67	31	6.33
153842	10600	19480	57595.85	58193.69	21.4	-7.1	-10.3	42	56	2.51	22.3	59.9	22.3	85	33	6.3
153918	10600	19500	57497.97	58096.1	21.4	-6.6	-9.7	46	54	2.56	22.3	60.4	23.3	85	22	6.07
153950	10600	19520	57608.67	58206.87	21.4	-7.2	-9.7	46	56	2.59	22.3	56.4	23.3	85	33	6.27
154022	10600	19540	57575.22	58173.45	21.4	-6.3	-10.4	36	59	2.49	22.3	64.9	25.2	87	27	6.27
154058	10600	19560	57556.3	58154.1	21.4	-4.5	-6.4	47	54	2.57	22.3	62.3	23.7	83	31	6.11
154130	10600	19580	57562.27	58160.32	21.4	-5.4	-9.3	42	56	2.52	22.3	60.1	23.9	85	30	6.18
154158	10600	19600	57586.59	58184.57	21.4	-4.5	-5.7	47	53	2.55	22.3	61.1	24.1	85	29	6.16
154230	10600	19620	57534.96	58132.66	21.4	-6.8	-6.7	39	57	2.49	22.3	58.7	24.3	85	30	6.23
154258	10600	19640	57550.79	58148.49	21.4	-5.9	-6.2	44	55	2.52	22.3	65.2	23.7	87	33	6.41
154330	10600	19660	57531.99	58129.51	21.4	-8.1	-7.4	43	54	2.49	22.3	60.2	23.3	85	30	6.23
154402	10600	19680	57546.97	58144.53	21.4	-5.8	-6.2	45	55	2.56	22.3	62.2	23.3	89	30	6.49
154434	10600	19700	57524.01	58121.53	21.4	-6	-6.5	40	57	2.51	22.3	64.7	22.5	45	15	6.62
154510	10600	19720	57528.16	58125.45	21.4	-3.3	-8.1	50	50	2.53	22.3	56	21.6	86	27	6.18
154542	10600	19740	57527.34	58124.29	21.4	-0.6	-6.9	43	57	2.56	22.3	59.3	22.9	87	29	6.29
154618	10600	19760	57541.99	58138.67	21.4	0.3	-11.6	44	56	2.56	22.3	55.6	24.8	78	23	5.56
154650	10600	19780	57534.49	58130.91	21.4	2.1	-13.4	53	39	2.39	22.3	59.7	24.9	77	30	5.71
154726	10600	19800	57552.04	58148.4	21.4	3.6	-11.1	40	58	2.53	22.3	58.3	23.8	79	23	5.69
154754	10600	19820	57561.5	58157.99	21.4	2.1	-13.6	37	56	2.39	22.3	51	22.8	76	26	5.53
154830	10600	19840	57584.8	58181.33	21.4	1	-12	32	59	2.4	22.3	65.6	25.8	75	26	5.44
154902	10600	19860	57602.84	58199.18	21.4	0.4	-12.3	34	58	2.41	22.3	60.3	26.1	75	24	5.42
154930	10600	19880	57610.93	58207.32	21.4	-0.1	-11.2	41	54	2.43	22.3	61.5	24	73	25	5.34
154958	10600	19900	57572.87	58169.26	21.4	-1.5	-9.6	44	53	2.47	22.3	64.2	26	72	22	5.21
155030	10600	19920	57616.69	58212.92	21.4	-2.5	-8.9	36	57	2.43	22.3	67	24	71	22	5.14
155058	10600	19940	57592.12	58188.06	21.4	-2.9	-8.8	40	57	2.48	22.3	57	23.8	72	22	5.21
155130	10600	19960	57650.98	58246.72	21.4	-1.1	-7.8	39	57	2.48	22.3	54.9	25.4	73	20	5.21
155158	10600	19980	57595.28	58191.17	21.4	0.3	-5.1	46	53	2.51	22.3	66.2	26.3	67	21	4.85
155230	10600	20000	57584.09	58179.75	21.4	-1.2	-6.4	43	56	2.52	22.3	64.7	27.5	65	19	4.69
155306	10600	20020	57539.14	58134.75	21.4	-1.9	-6.5	39	60	2.56	22.3	65.4	26.3	67	20	4.81
155338	10600	20040	57631.25	58226.85	21.4	-1.2	-6.6	48	54	2.59	22.3	58.3	27.7	65	18	4.63
155410	10600	20060	57603.87	58199.28	21.4	0	-5.3	41	58	2.55	22.3	60.4	25.2	64	24	4.72
155442	10600	20080	57572.87	58168.38	21.4	1.5	-6.4	42	58	2.55	22.3	63.7	26.8	64	22	4.64
155510	10600	20100	57657.54	58252.88	21.4	1	-6.5	48	53	2.55	22.3	59.6	25.5	65	24	4.81
155546	10600	20120	57570.28	58165.06	21.4	0.9	-5.4	48	52	2.54	22.3	74.3	26.2	68	20	4.89
155618	10600	20140	57648.54	58243.04	21.4	-0.5	-6.1	45	55	2.56	22.3	60.5	27.2	67	22	4.88
155650	10600	20160	57641.75	58236.42	21.4	-1.3	-5.6	50	52	2.6	22.3	64	25.4	68	21	4.92
155722	10600	20180	57557.02	58152.01	21.4	-0.8	-4.8	45	56	2.59	22.3	64.6	26.6	64	18	4.6
155802	10600	20200	57578.38	58173.76	21.4	-0.7	-4.4	45	57	2.62	22.3	56.4	24.3	66	20	4.79
155834	10600	20220	57569.32	58164.5	21.4	0.4	-5.2	45	55	2.56	22.3	63.5	23.1	65	20	4.66
155902	10600	20240	57575.81	58170.9	21.4	2.7	-4.1	46	55	2.57	22.3	70.5	24.4	69	24	5.05
155930	10600	20260	57545.89	58140.95	21.4	1.7	-3.5	42	57	2.55	22.3	66.9	25.1	64	21	4.66
155958	10600	20280	57547.88	58142.83	21.4	2.1	-2.9	46	56	2.62	22.3	61.4	26	64	23	4.69
160026	10600	20300	57566.64	58161.67	21.4	3.6	-4.2	52	52	2.65	22.3	58.3	22.5	66	20	4.76
160058	10600	20320	57582.87	58178.19	21.4	2.6	-4.5	50	55	2.68	22.3	62.2	24.9	64	24	4.71
160126	10600	20340	57583.75	58178.93	21.4	2.6	-6.6	49	55	2.65	22.3	61.6	25.2	61	22	4.45
160202	10600	20360	57476.82	58072	21.4	3.9	-7.4	53	54	2.73	22.3	59.9	24.7	61	22	4.5
160230	10600	20380	57511.59	58106.62	21.4	5.6	-7.8	52	56	2.74	22.3	62.3	26	62	23	4.54
160302	10600	20400	57495.66	58090.27	21.4	6	-8.2	50	58	2.75	22.3	60.2	26.5	61	21	4.48
160338	10600	20420	57472.39	58066.94	21.4	8	-11.6	47	62	2.77	22.3	60.1	24.8	63	22	4.59
160406	10600	20440	57460.22	58054.85	21.4	10.1	-12.6	36	66	2.7	22.3	59.4	25.6	62	24	4.59
160438	10600	20460	57452.86	58047.36	21.4	10.6	-11.8	45	63	2.79	22.3	61.3	25.1	60	21	4.41
160510	10600	20480	57469	58063.44	21.4	11.8	-12.6	48	60	2.75	22.3	59	24	65	22	4.74
160542	10600	20500	57349.31	57943.6	21.4	11.1	-13.3	41	66	2.79	22.3	57.1	26	60	18	4.31
160614	10600	20520	57405.94	57999.96	21.4	18	-14.5	50	62	2.86	22.3	59.4	25.2	59	18	4.25
160646	10600	20540	57601.39	58195.16	21.4	24	-14.8	49	59	2.76	22.3	62.7	27.2	58	18	4.19
160718	10600	20560	58102.33	58695.66	21.4	27.8	-13.9	39	63	2.65	22.3	60.6	24.5	60	15	4.24
160758	10600	20580	57963.25	58556.53	21.4	26.1	-12	57	50	2.72	22.3	62.3	20.7	67	20	4.8
160834	10600	20600	57883.98	58477.06	21.4	24.6	-13.9	32	62	2.52	22.3	62.2	24.8	64	24	4.72

MAGNETOMETER AND VLF-EM RAW DATA FOR THE BENNETT GRID

Time	Grid Easting	Grid northing	Uncorrected mag data	Corrected mag data	VLF freq.#1	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#2	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)
164426	10500	19400	57612.62	58202.02	21.4	-16.8	1	36	57	2.41	22.3	-66	-15.1	61	17	8.8
164350	10500	19420	57642.97	58232.39	21.4	-13.6	1.1	26	62	2.4	22.3	-65.6	-15.4	64	18	9.15
164318	10500	19440	57635.53	58225.58	21.4	-14.1	1.5	38	58	2.48	22.3	-68.2	-16.3	64	17	9.19
164242	10500	19460	57610.34	58200.44	21.4	-12.9	-0.2	34	60	2.49	22.3	-65	-16.3	63	19	9.16
164206	10500	19480	57617.92	58207.9	21.4	-9.5	-1.8	38	57	2.47	22.3	-55	-17.8	62	17	8.8
164126	10500	19500	57602.77	58192.43	21.4	-6.3	-0.2	37	56	2.41	22.3	-58.4	-17.1	63	17	8.98
164050	10500	19520	57527.9	58117.49	21.4	-7.9	-0.8	33	59	2.43	22.3	-60.4	-17.7	63	17	9.03
164018	10500	19540	57574.84	58164.24	21.4	-7.3	-0.9	20	64	2.41	22.3	-48.3	-15.9	69	16	9.83
163938	10500	19560	57534.25	58123.34	21.4	-5.5	-1.3	16	66	2.42	22.3	-51.3	-17.2	68	19	9.71
163842	10500	19580	57576.26	58165.07	21.4	-4.3	-2	31	60	2.42	22.3	-56	-18.2	61	13	8.68
163810	10500	19600	57588.36	58177.15	21.4	-7.4	-3	23	62	2.39	22.3	-59.5	-17.9	59	17	8.44
163734	10500	19620	57585.57	58174	21.4	-3.5	-4.3	11	64	2.35	22.3	-61.1	-21.3	55	16	7.96
163658	10500	19640	57606.46	58195.14	21.4	-4.3	-0.5	33	58	2.39	22.3	-52.5	-18.5	63	15	8.93
163630	10500	19660	57607.03	58195.52	21.4	-4	0.2	22	63	2.41	22.3	-57.9	-19.9	59	15	8.41
163558	10500	19680	57576.79	58165.15	21.4	-3.6	-2.6	15	65	2.4	22.3	-53.1	-20.7	55	13	7.86
163510	10500	19700	57593.02	58181.4	21.4	-4.6	-4.7	32	61	2.46	22.3	-61.5	-21	94	27	6.75
163442	10500	19720	57647.33	58235.85	21.4	-5.6	-2.4	37	57	2.45	22.3	-63.4	-23.4	46	13	6.67
163414	10500	19740	57598.54	58187.39	21.4	-2.9	-5.3	43	57	2.59	22.3	-64.1	-21.7	90	31	6.58
163342	10500	19760	57582.82	58172.12	21.4	-2.9	-1.6	39	59	2.53	22.3	-59.6	-21.2	87	27	6.24
163306	10500	19780	57545.42	58134.7	21.4	-3.2	-4	43	58	2.58	22.3	-65.8	-23.4	79	25	5.69
163230	10500	19800	57543.44	58132.71	21.4	-1.3	-5.4	38	60	2.56	22.3	-62.2	-22.9	78	22	5.56
163158	10500	19820	57498.29	58087.65	21.4	0	-5.8	43	57	2.58	22.3	-67.2	-23.2	73	17	5.16
163122	10500	19840	57479.72	58068.9	21.4	0	-7.3	40	59	2.56	22.3	-58.3	-24.1	68	24	4.98
163050	10500	19860	57515.76	58104.98	21.4	-0.4	-7.4	39	60	2.55	22.3	-58	-23.7	65	18	4.68
163018	10500	19880	57517.65	58106.88	21.4	-0.9	-8.8	31	63	2.51	22.3	-66.3	-26.3	61	14	4.32
162946	10500	19900	57572.4	58161.47	21.4	-2.7	-8.9	40	58	2.54	22.3	-60.9	-25.7	60	17	4.32
162914	10500	19920	57564.98	58154.22	21.4	-5.3	-8.2	28	63	2.47	22.3	-53.9	-21.3	57	14	4.07
162834	10500	19940	57652.39	58241.7	21.4	-4.8	-8.8	31	62	2.47	22.3	-59	-25.4	56	14	3.99
162758	10500	19960	57595.2	58184.61	21.4	-5.4	-8.8	29	62	2.45	22.3	-65.4	-25.2	56	16	4.04
162726	10500	19980	57604.77	58194.17	21.4	-6.2	-8.5	22	64	2.43	22.3	-52.9	-22.4	60	16	4.26
162650	10500	20000	57570.01	58159.51	21.4	-5.1	-5.3	34	61	2.52	22.3	-65.5	-23.4	55	20	4.06
162618	10500	20020	57552.71	58142.34	21.4	-6.1	-3.9	38	61	2.58	22.3	-57.4	-24.6	52	16	3.78
162542	10500	20040	57600.62	58190.34	21.4	-4.9	-2.7	41	59	2.58	22.3	-64.2	-22.6	60	13	4.24
162510	10500	20060	57604.86	58194.8	21.4	-3.2	-3.9	41	60	2.6	22.3	-57.9	-24.2	55	14	3.92
162426	10500	20080	57525.5	58115.16	21.4	-1.8	-1.4	37	62	2.59	22.3	-59.7	-27.3	48	10	3.42
162354	10500	20100	57606.42	58195.93	21.4	-2.2	0.1	36	63	2.62	22.3	-61.6	-25.6	102	28	3.64
162322	10500	20120	57624.66	58214.17	21.4	-1	-1.8	44	59	2.63	22.3	-60.8	-25.6	88	25	3.16
162250	10500	20140	57628.89	58218.5	21.4	3.9	0	17	68	2.5	22.3	-66.7	-23.1	46	8	3.22
162222	10500	20160	57639.48	58228.9	21.4	3.3	-0.1	42	59	2.6	22.3	-65.4	-25.5	92	19	3.22
162150	10500	20180	57635.64	58225.09	21.4	3.3	2.1	46	58	2.66	22.3	-62.9	-27	44	9	3.13
162118	10500	20200	57621.89	58211.35	21.4	7.5	1.4	40	59	2.56	22.3	-65.5	-22.7	89	30	3.22
162046	10500	20220	57641.08	58230.69	21.4	5.2	2.4	40	61	2.61	22.3	-61.8	-23.6	47	13	3.39
162018	10500	20240	57658.03	58247.76	21.4	5.5	1.7	47	55	2.62	22.3	-59.9	-24	92	28	3.29
161946	10500	20260	57655.42	58245.26	21.4	6.9	-0.4	41	58	2.55	22.3	-67.3	-23.2	47	14	3.42
161914	10500	20280	57626.01	58215.8	21.4	6.4	2.6	34	62	2.54	22.3	-68.8	-26.5	48	13	3.47
161842	10500	20300	57636.7	58226.61	21.4	6.4	3.4	36	61	2.54	22.3	-64.6	-23.4	53	12	3.78
161814	10500	20320	57650.38	58240.45	21.4	6.6	3	46	57	2.63	22.3	-64.9	-25.2	55	12	3.86
161742	10500	20340	57631.17	58221.2	21.4	6.4	2.7	47	56	2.61	22.3	-66.6	-24.7	55	14	3.92
161714	10500	20360	57610.23	58200.45	21.4	6.7	2.1	39	59	2.54	22.3	-61	-23.6	56	12	3.96
161642	10500	20380	57616.48	58206.79	21.4	8.3	1.1	44	56	2.55	22.3	-65.6	-23.6	56	16	4.04
161610	10500	20400	57660.87	58251.05	21.4	6.6	1	47	56	2.63	22.3	-64.9	-23.2	59	13	4.18
161538	10500	20420	57644.15	58234.65	21.4	7.8	-1.3	43	56	2.53	22.3	-61.5	-22.7	60	13	4.23
161510	10500	20440	57596.66	58187.23	21.4	9.1	-0.7	44	56	2.56	22.3	-69.2	-24.4	62	14	4.4
161434	10500	20460	57526.84	58117.82	21.4	7.6	-1.1	38	60	2.53	22.3	-62.9	-24.1	59	13	4.16
161402	10500	20480	57522.63	58113.67	21.4	8.9	-0.3	28	66	2.58	22.3	-60.9	-23.8	61	15	4.35
161330	10500	20500	57477.3	58068.56	21.4	9	-2.4	40	64	2.7	22.3	-64.6	-23.9	61	13	4.28
161258	10500	20520	57460.48	58051.8	21.4	8.1	-3.6	44	65	2.81	22.3	-68.2	-25.9	59	14	4.2
161226	10500	20540	57490.8	58081.86	21.4	14.8	-7	8	75	2.72	22.3	-65.4	-23.3	62	16	4.4
161154	10500	20560	57497.19	58088.43	21.4	18.1	-10.6	40	68	2.83	22.3	-60.8	-24.2	60	17	4.32
161126	10500	20580	57559.49	58150.94	21.4	21.3	-10.6	29	68	2.66	22.3	-70	-24.3	64	14	4.54
161058	10500	20600	57528.75	58120.13	21.4	21.8	-10.3	37	65	2.7	22.3	-60.2	-25	65	15	4.63
164630	10400	19400	57675.75	58264.58	21.4	-13.7	-2.8	35	56	2.37	22.3	62.7	15.3	59	17	8.49
164706	10400	19420	57706.69	58295.27	21.4	-14.3	0.5	41	53	2.41	22.3	62.9	16.8	59	27	8.98
164738	10400	19440	57707.02	58295.47	21.4	-16.1	0.2	36	56	2.38	22.3	63.4	17.8	56	24	8.47
164814	10400	19460	57627.19	58215.58	21.4	-14.6	0	33	57	2.38	22.3	56.8	18.1	57	16	8.19
164846	10400	19480	57604.15	58192.14	21.4	-13.7	-1.4	35	57	2.39	22.3	56.7	16.8	61	17	8.77

MAGNETOMETER AND VLF-EM RAW DATA FOR THE BENNETT GRID

Time	Grid Easting	Grid northing	Uncorrected mag data	Corrected mag data	VLF freq.#1	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#2	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)
164930	10400	19500	57542.91	58130.58	21.4	-16.6	-4.3	42	53	2.44	22.3	60	17.1	57	21	8.42
164958	10400	19520	57572.11	58159.45	21.4	-14.8	-1.8	36	58	2.44	22.3	60.3	16	57	20	8.41
165030	10400	19540	57562.08	58149.36	21.4	-12.6	-3	34	60	2.47	22.3	55.4	17.9	56	18	8.14
110350	10400	19560	57449.31	58072.71	21.4	-12.1	-6.2	79	83	2.04	22.3	57.5	23.6	63	20	2.29
110422	10400	19580	57523.47	58147.03	21.4	-12.7	-7.5	65	91	2	22.3	63	23.4	73	22	2.63
110454	10400	19600	57512.26	58135.69	21.4	-11	-6.2	36	43	2.03	22.3	63.1	24.5	84	25	3.02
110526	10400	19620	57514.7	58137.98	21.4	-10	-5.5	75	81	1.98	22.3	67.1	25.6	97	32	3.5
110558	10400	19640	57546.39	58169.65	21.4	-8.6	-7.3	69	86	1.96	22.3	67.9	22	62	20	4.48
110630	10400	19660	57490.13	58113.11	21.4	-10.1	-7.5	74	81	1.97	22.3	63.8	23.8	66	21	4.79
110702	10400	19680	57499.79	58122.88	21.4	-5.9	-7.4	68	89	1.99	22.3	63.8	23.7	65	20	4.68
110734	10400	19700	57484.71	58107.96	21.4	-6.7	-8.7	34	44	1.98	22.3	63.1	22.8	68	23	4.98
110806	10400	19720	57489.27	58112.9	21.4	-7.7	-8.2	74	85	2.02	22.3	65.2	18.9	83	26	5.96
110838	10400	19740	57484.89	58108.32	21.4	-5.9	-11.7	72	86	2.01	22.3	63.3	21	86	25	6.19
110910	10400	19760	57459.95	58083.65	21.4	-7.3	-8	86	76	2.05	22.3	73.2	20.8	89	28	6.39
110942	10400	19780	57476.64	58100.52	21.4	-9.1	-9.7	85	76	2.05	22.3	65.5	21.5	41	11	5.88
111014	10400	19800	57397.97	58021.84	21.4	-9.6	-6.1	84	78	2.05	22.3	75.2	24.7	83	25	5.98
111054	10400	19820	57410.5	58034.32	21.4	-7.2	-6.9	82	84	2.1	22.3	67.8	23.5	77	26	5.6
111126	10400	19840	57432.23	58056.32	21.4	-5.9	-6.3	72	93	2.1	22.3	64.8	22.8	84	28	6.11
111154	10400	19860	57467.5	58091.49	21.4	-4.4	-10.7	36	46	2.1	22.3	53.3	22.8	89	25	6.37
111222	10400	19880	57493.17	58117.42	21.4	-1.7	-13.7	86	79	2.09	22.3	61.5	23.2	44	13	6.38
111254	10400	19900	57496.41	58120.42	21.4	-2.1	-14.4	65	92	2.01	22.3	56.4	24.3	85	25	6.11
111334	10400	19920	57445.31	58069.14	21.4	-4.6	-15.3	33	44	2	22.3	62.3	24.5	85	23	6.04
111410	10400	19940	57435.81	58059.66	21.4	-5.4	-17.6	53	95	1.94	22.3	64.6	24.3	82	22	5.87
111442	10400	19960	57536.18	58160.09	21.4	-7.7	-14.8	32	45	1.99	22.3	60.2	25.6	77	22	5.55
111650	10400	19980	57565.86	58189.86	21.4	-8.3	-13.9	27	49	2.02	22.3	50.4	21.9	77	19	5.44
111750	10400	20000	57542.12	58166.11	21.4	-9	-12.6	35	44	2.03	22.3	64.6	24	68	19	4.86
111822	10400	20020	57569.59	58193.75	21.4	-10.1	-9.9	68	90	2.01	22.3	75.8	25	61	18	4.38
111858	10400	20040	57519.35	58143.32	21.4	-7.3	-11.7	38	43	2.09	22.3	72.7	27.1	57	15	4.05
111930	10400	20060	57541.8	58165.65	21.4	-7.4	-8.6	83	87	2.16	22.3	66.2	27	54	16	3.91
112006	10400	20080	57555.86	58179.69	21.4	-6	-8	81	91	2.17	22.3	63.9	28.3	51	14	3.66
112038	10400	20100	57568.81	58192.25	21.4	-5.2	-6.9	47	42	2.27	22.3	57.7	27.7	54	12	3.81
112114	10400	20120	57575.92	58199.31	21.4	-4.6	-5.5	65	100	2.14	22.3	54.9	28.7	49	11	3.46
112150	10400	20140	57675.81	58299.14	21.4	-3.7	-5.2	30	53	2.19	22.3	55.9	24.3	46	11	3.24
112226	10400	20160	57649.61	58272.79	21.4	-2.9	-4.4	36	50	2.2	22.3	54.4	27.4	89	22	3.16
112254	10400	20180	57600.44	58223.61	21.4	-2	-3.2	43	47	2.29	22.3	65.7	28.1	43	11	3.09
112330	10400	20200	57630.75	58254.12	21.4	-0.9	-3	69	104	2.24	22.3	55.1	28.1	84	21	2.99
112402	10400	20220	57649.29	58272.74	21.4	0.2	-3.3	38	50	2.24	22.3	60.4	28.3	78	23	2.8
112434	10400	20240	57722	58345.99	21.4	0.1	-4.4	33	53	2.23	22.3	67.6	28.4	78	19	2.76
112542	10400	20260	57761.69	58385.69	21.4	3.4	-2.9	35	52	2.26	22.3	67.4	26.1	72	25	2.63
112618	10400	20280	57805.48	58429.26	21.4	3.9	-5.7	24	56	2.18	22.3	67.3	29.3	66	19	2.37
112646	10400	20300	57778.91	58402.24	21.4	4.4	-4.6	35	51	2.23	22.3	76	29.9	65	18	2.31
112714	10400	20320	57802.79	58426.23	21.4	5.1	-5.9	29	54	2.19	22.3	60.2	32.8	61	15	2.15
112746	10400	20340	57777.8	58400.77	21.4	5.3	-5.4	25	55	2.16	22.3	60.9	28.8	62	21	2.27
112818	10400	20360	57779.11	58401.61	21.4	5.8	-5	25	56	2.21	22.3	68.8	32.4	54	15	1.94
112854	10400	20380	57816.13	58438.47	21.4	9.4	-2.9	38	53	2.29	22.3	80.3	29.3	57	10	1.98
112926	10400	20400	57916.94	58539.35	21.4	8.8	-1.9	20	57	2.17	22.3	68.2	30.7	53	14	1.88
112958	10400	20420	57923.24	58545.3	21.4	8.2	-3.2	32	52	2.21	22.3	58.5	31	53	15	1.91
113030	10400	20440	57941.58	58563.78	21.4	9.4	-2.4	21	58	2.22	22.3	70.1	30.7	50	15	1.78
113102	10400	20460	57894.19	58516.63	21.4	7.9	-0.8	20	60	2.28	22.3	72.1	31	50	13	1.77
113134	10400	20480	57761.76	58384.17	21.4	6	-0.6	20	59	2.22	22.3	65.5	32.9	50	16	1.8
113206	10400	20500	57696.13	58318.48	21.4	4.7	0.2	17	58	2.18	22.3	78.2	30	49	13	1.77
113238	10400	20520	57601.1	58222.99	21.4	1.8	-1.5	26	57	2.25	22.3	61.4	31.6	49	13	1.74
113310	10400	20540	57566.58	58189.08	21.4	-0.1	-1.1	17	60	2.23	22.3	66.7	28.4	51	14	1.81
113346	10400	20560	57530.69	58153.02	21.4	-0.6	-3.8	18	61	2.27	22.3	68.1	31.6	51	15	1.83
113414	10400	20580	57494.64	58117.35	21.4	-2	-5.5	10	63	2.27	22.3	72	29.1	52	13	1.85
113450	10400	20600	57531.33	58153.77	21.4	-3	-6.2	37	55	2.37	22.3	68.8	29.4	50	13	1.79
165634	10300	19400	57784.11	58370.49	21.4	-14.7	4.4	36	55	2.36	22.3	-55.9	-15.5	60	20	8.72
165558	10300	19420	57799.09	58385.71	21.4	-13.9	4.7	37	56	2.41	22.3	-69.9	-13.6	58	20	8.49
165526	10300	19440	57769	58355.69	21.4	-12.9	4.1	32	59	2.41	22.3	-68.8	-14.6	62	19	8.99
165442	10300	19460	57758.26	58345.19	21.4	-14.5	6.1	42	52	2.39	22.3	-61.7	-13	59	22	8.66
165406	10300	19480	57722.3	58308.87	21.4	-14.5	3.7	33	57	2.38	22.3	-48.8	-13	59	19	8.55
165334	10300	19500	57704.33	58291.01	21.4	-14.5	6.9	35	55	2.35	22.3	-52	-15.4	61	19	8.76
165258	10300	19520	57662.07	58248.63	21.4	-15.6	3.5	43	50	2.37	22.3	-57.4	-13.5	72	21	10.41
165226	10300	19540	57655.73	58242.48	21.4	-18.2	3.6	31	56	2.31	22.3	-52.1	-16.4	61	21	8.91
121858	10300	19560	57613.68	58235.96	21.4	-20.2	7.1	39	48	2.22	22.3	-59.9	-25.3	80	26	5.78
121822	10300	19580	57590.44	58212.8	21.4	-20	4	35	51	2.22	22.3	-66.7	-22.5	85	20	5.99

MAGNETOMETER AND VLF-EM RAW DATA FOR THE BENNETT GRID

Time	Grid Easting	Grid northing	Uncorrected mag data	Corrected mag data	VLF freq.#1	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#2	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)
121754	10300	19600	57574.71	58197.2	21.4	-21.6	2.6	31	55	2.26	22.3	-75.6	-24	82	29	5.95
121718	10300	19620	57526	58148.77	21.4	-19.6	1.3	35	54	2.3	22.3	-76.3	-21.9	87	25	6.21
121646	10300	19640	57539.27	58162.11	21.4	-15.8	-1.1	34	53	2.25	22.3	-74.1	-22.6	86	24	6.16
121610	10300	19660	57399.23	58021.83	21.4	-12	-1.1	22	60	2.28	22.3	-69.3	-23.8	84	19	5.92
121538	10300	19680	57450.81	58073.53	21.4	-7.2	-2.4	22	59	2.25	22.3	-66.4	-23	85	22	6.03
121354	10300	19700	57434.44	58057.3	21.4	-4.7	-2.7	28	57	2.3	22.3	-67.4	-23.9	80	26	5.77
121322	10300	19720	57435.6	58058.77	21.4	-6.2	-6.1	26	58	2.28	22.3	-73.8	-21.7	85	24	6.07
121254	10300	19740	57459.88	58083.25	21.4	-3	-4.8	31	52	2.2	22.3	-61.5	-23.3	86	27	6.19
121222	10300	19760	57459.97	58083.49	21.4	-3.8	-6.5	33	52	2.21	22.3	-70	-22.8	44	14	6.39
121150	10300	19780	57456.76	58080.2	21.4	-4	-5.1	28	53	2.15	22.3	-66.1	-20.8	92	26	6.57
120914	10300	19800	57412.1	58035.89	21.4	-6.3	-5.1	29	53	2.18	22.3	-71.7	-23.5	44	12	6.32
120842	10300	19820	57401.68	58025.27	21.4	-6.4	-5.5	25	54	2.15	22.3	-67.4	-22.1	90	26	6.46
120810	10300	19840	57380.24	58003.95	21.4	-5.4	-3.7	52	105	2.1	22.3	-65.2	-23.4	87	27	6.26
120742	10300	19860	57406.23	58029.93	21.4	-3.9	-3	39	47	2.21	22.3	-61.2	-22.2	46	12	6.58
120706	10300	19880	57333.42	57957.18	21.4	-0.6	-5.9	17	58	2.17	22.3	-58	-20.2	90	27	6.45
120338	10300	19900	57376.55	58000.97	21.4	-0.3	-6.8	37	50	2.24	22.3	-67.4	-22.8	45	11	6.36
120302	10300	19920	57366.55	57990.72	21.4	1.9	-8.4	25	54	2.12	22.3	-75.1	-21.2	91	26	6.47
120230	10300	19940	57379.66	58003.94	21.4	3.3	-10.1	27	53	2.14	22.3	-70.2	-22.9	86	27	6.17
120202	10300	19960	57447.31	58071.49	21.4	3.6	-10.1	27	52	2.11	22.3	-62.5	-23.7	85	30	6.19
120134	10300	19980	57479.37	58103.34	21.4	0.7	-10.2	22	55	2.11	22.3	-58.1	-22.8	81	26	5.81
115926	10300	20000	57517.31	58141.53	21.4	2.4	-7.4	28	51	2.09	22.3	-66.3	-25.6	80	21	5.73
115850	10300	20020	57429.5	58053.76	21.4	-0.2	-7.1	29	52	2.14	22.3	-61.8	-25.7	77	28	5.64
115818	10300	20040	57495.78	58120.12	21.4	-5.1	-7.4	17	55	2.07	22.3	-71.5	-24.1	79	23	5.66
115750	10300	20060	57542.76	58167.05	21.4	-5.9	-4.4	27	53	2.14	22.3	-67.6	-23.3	77	26	5.6
115714	10300	20080	57576.67	58200.65	21.4	-8.3	-5.7	31	52	2.16	22.3	-59.9	-23.6	79	22	5.67
115346	10300	20100	57591.89	58215.78	21.4	-8.8	-4.4	32	52	2.2	22.3	-73.1	-26.9	58	20	4.22
115314	10300	20120	57566.52	58190.58	21.4	-8.1	-3.8	26	55	2.19	22.3	-69.6	-26.7	58	20	4.26
115242	10300	20140	57608.15	58232.18	21.4	-8.7	-4.5	32	54	2.25	22.3	-70.8	-29.6	53	19	3.87
115210	10300	20160	57570.8	58194.99	21.4	-8.1	-3.7	31	55	2.26	22.3	-68.8	-29	54	16	3.89
115142	10300	20180	57543.1	58166.97	21.4	-8.3	-2	41	49	2.3	22.3	-70.4	-30.2	51	13	3.66
115118	10300	20200	57591.92	58215.97	21.4	-5.1	-0.5	23	57	2.2	22.3	-72.9	-27.1	97	33	3.54
115042	10300	20220	57595.84	58219.86	21.4	-5.2	-0.2	34	55	2.3	22.3	-68.5	-29.5	47	13	3.35
115014	10300	20240	57663.81	58288.03	21.4	-1.8	0.5	34	54	2.28	22.3	-66.2	-30	92	28	3.31
114946	10300	20260	57747.39	58371.28	21.4	-0.7	-0.7	32	54	2.24	22.3	-68.6	-28	88	29	3.19
114922	10300	20280	57842.13	58465.96	21.4	0.7	-0.5	36	52	2.29	22.3	-72.9	-30.2	83	28	3.01
114854	10300	20300	57825.08	58448.69	21.4	0.6	-0.9	34	53	2.26	22.3	-71.9	-29.4	80	29	2.92
114826	10300	20320	57876.39	58499.89	21.4	2.9	-0.4	26	57	2.25	22.3	-75.2	-30.8	81	27	2.93
114758	10300	20340	57905.8	58529.42	21.4	4.2	1.1	25	58	2.26	22.3	-65.7	-29.7	82	29	2.99
114730	10300	20360	58006.19	58629.85	21.4	4.3	2	25	57	2.24	22.3	-72	-30.9	78	25	2.82
114702	10300	20380	58086.7	58710.04	21.4	4.1	0.5	16	59	2.19	22.3	-74	-28.5	75	28	2.74
114626	10300	20400	58242.2	58865.66	21.4	2.6	3.2	23	57	2.21	22.3	-67.9	-31.2	67	21	2.42
114558	10300	20420	58528.14	59151.41	21.4	1.3	1.7	15	58	2.15	22.3	-72.4	-30.1	66	18	2.36
114530	10300	20440	58584.75	59208.19	21.4	2.8	4.4	26	57	2.24	22.3	-69.2	-32.6	66	19	2.37
114502	10300	20460	58189.85	58813.23	21.4	0.3	3.6	30	55	2.23	22.3	-62.1	-31.2	64	20	2.32
114434	10300	20480	57882.14	58505.6	21.4	2	2.5	29	56	2.25	22.3	-70.4	-30.2	62	20	2.25
114406	10300	20500	57714.61	58338.03	21.4	2.4	3.3	26	57	2.26	22.3	-66.6	-30.8	62	20	2.24
114334	10300	20520	57628.57	58251.86	21.4	3.3	4.1	32	55	2.27	22.3	-62.6	-32.9	58	16	2.06

Time	Grid Easting	Grid northing	Uncorrected mag data	Corrected mag data	VLF freq.#1	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#2	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#3	In-phase %	Out-of-phase	Horizontal-1	Horizontal-2	Tot. field strength (pT)
114306	10300	20540	57559.25	58182.56	21.4	3	4.5	22	55	2.11	22.3	-77.4	-28.3	58	18	2.1	24.8	-1.7	7	36	5	2.24
114238	10300	20560	57504.37	58127.6	21.4	5.5	4.5	17	57	2.15	22.3	-74.5	-28.6	56	15	2.01	24.8	-2	6.6	69	10	2.15
114206	10300	20580	57495.41	58118.57	21.4	2.7	5.5	11	27	2.13	22.3	-70.6	-29.4	27	9	1.99	24.8	-0.9	6.9	69	14	2.17
114122	10300	20600	57463.85	58086.82	21.4	0.5	3.9	4	15	2.31	22.3	-73.2	-26.9	13	3	1.96	24.8	1.8	6.9	68	17	2.17
95010	10200	19400	57926.28	58528.12	21.4	-20.7	-6.1	5	9	1.63	22.3	53	18	12	2	6.7	24.8	4.8	7.1	70	16	2.22
95114	10200	19420	57908.23	58510.35	21.4	-19.1	-0.9	15	18	1.69	22.3	49.5	19.7	24	6	6.94	24.8	5.7	7.2	68	10	2.13
95150	10200	19440	57849.41	58451.78	21.4	-16.5	-0.8	32	35	1.72	22.3	52.5	18.9	50	13	7.21	24.8	7.9	7.9	69	11	2.16
95234	10200	19460	57804.67	58407.09	21.4	-16	-2.6	60	72	1.68	22.3	54.2	20.9	48	13	6.86	24.8	9.3	9.9	66	12	2.08
95310	10200	19480	57741.77	58344.28	21.4	-12	-0.6	56	75	1.68	22.3	60.9	19.1	50	12	7.03	24.8	8.7	10.9	63	15	1.99
95342	10200	19500	57798.62	58401.17	21.4	-10	-0.5	56	75	1.67	22.3	57.8	20.2	48	12	6.85	24.8	5.4	11.3	63	10	1.98
95418	10200	19520	57844.4	58446.84	21.4	-9.8	1	60	70	1.64	22.3	59.5	20.3	46	14	6.87	24.8	2.1	12.2	62	13	1.97
95450	10200	19540	57747.66	58349.93	21.4	-8.4	1.6	56	70	1.6	22.3	49.2	17.8	12	3	6.97	24.8	-0.4	12.5	63	10	1.97
95526	10200	19560	57743.7	58346	21.4	-9.9	-0.1	50	71	1.56	22.3	55.2	20	23	8	6.87	24.8	-2.5	12.6	64	13	2.03
95602	10200	19580	57643.07	58245.24	21.4	-10.1	2.3	51	70	1.56	22.3	55.1	20.4	50	17	7.33	24.8	-2.1	14.3	63	14	1.98
95638	10200	19600	57633.32	58235.51	21.4	-13	4.3	53	67	1.53	22.3	74.5	18.9	53	17	7.69	24.8	-1.8	14	64	8	1.98
95714	10200	19620	57551.12	58153.34	21.4	-15	3.8	47	71	1.53	22.3	57.4	20.1	48	14	6.97	24.8	-4.1	11.8	63	12	1.99
95746	10200	19640	57488.65	58090.86	21.4	-18	4.4	51	68	1.53	22.3	56.3	22.4	46	14	6.58	24.8	-6.3	11.4	63	17	2.01

MAGNETOMETER AND VLF-EM RAW DATA FOR THE BENNETT GRID

Time	Grid Easting	Grid northing	Uncorrected mag data	Corrected mag data	VLF freq.#1	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#2	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#3	In-phase %	Out-of-phase	Horizontal-1	Horizontal-2	Tot. field strength (pT)
95822	10200	19660	57437.73	58039.95	21.4	-17.9	3.2	51	70	1.55	22.3	56	21.3	103	32	7.44	24.8	-7.6	10.5	63	15	2.02
95858	10200	19680	57422.29	58024.54	21.4	-17.9	0.8	53	73	1.81	22.3	61.1	19.5	48	17	7.02	24.8	-7.4	6.5	87	19	2.14
95934	10200	19700	57404.04	58006.04	21.4	-18	2.4	82	68	1.64	22.3	58.3	21.2	97	27	6.89	24.8	-9.3	5.4	66	17	2.11
100010	10200	19720	57407.73	58009.61	21.4	-19.4	-1.6	60	72	1.67	22.3	64.2	20.7	49	17	7.2	24.8	-9.5	4.7	68	18	2.12
100046	10200	19740	57390.72	57992.58	21.4	-20.7	-5.1	55	77	1.68	22.3	59.9	19.3	48	15	7.02	24.8	-4.4	3.7	73	7	2.26
100122	10200	19760	57398.34	58000.04	21.4	-19.5	-4.2	60	77	1.75	22.3	57	20.8	47	14	6.85	24.8	-0.3	3.3	68	16	2.17
100202	10200	19780	57445.72	58047.54	21.4	-18.1	-7.1	62	79	1.81	22.3	62.9	21.7	101	33	7.28	24.8	2.2	2	66	14	2.09
100238	10200	19800	57430.88	58032.66	21.4	-16.3	-7.8	63	81	1.84	22.3	51.5	20.2	49	15	7.05	24.8	3.9	0.6	63	20	2.05
100318	10200	19820	57438.29	58039.9	21.4	-14	-8.7	64	83	1.87	22.3	55.5	21.7	48	14	6.95	24.8	3.6	0.4	62	21	2.04
100350	10200	19840	57427.72	58029.29	21.4	-10.2	-6.4	81	73	1.95	22.3	51	21.2	46	16	6.74	24.8	4.1	-1.2	65	14	2.05
100430	10200	19860	57418.68	58020.17	21.4	-5.6	-10.8	65	81	1.86	22.3	54.9	20.9	105	33	7.58	24.8	-0.2	-0.4	60	21	1.96
100506	10200	19880	57439.63	58041.36	21.4	-4.6	-9.6	65	77	1.81	22.3	51.2	20.1	49	14	7	24.8	1.1	-2.1	66	11	2.08
100538	10200	19900	57455.21	58057.14	21.4	-2.8	-10.4	55	84	1.79	22.3	55.3	20.5	49	15	7.08	24.8	0	-1.6	62	15	1.98
100618	10200	19920	57439.57	58041.55	21.4	-4.2	-8.8	52	86	1.8	22.3	56	22.1	48	15	6.99	24.8	1.2	-0.8	63	15	2.01
100654	10200	19940	57470.26	58072.17	21.4	-4.8	-7.5	63	79	1.81	22.3	60.4	20.4	48	16	7.01	24.8	1.1	0.4	59	22	1.95
100734	10200	19960	57474.22	58076.09	21.4	-6	-9.7	52	86	1.79	22.3	60.8	21.2	49	18	7.2	24.8	0.5	-0.5	64	11	2.02
100814	10200	19980	57489.49	58091.01	21.4	-4.8	-8.4	67	77	1.83	22.3	52.8	18.7	52	17	7.61	24.8	-0.7	-0.7	61	19	1.98
100850	10200	20000	57461.9	58063.6	21.4	-3.7	-7.2	58	82	1.81	22.3	60	20.2	49	18	7.26	24.8	-1.5	2	60	20	1.96
100926	10200	20020	57439.26	58040.76	21.4	-4.5	-8.3	59	80	1.77	22.3	53.5	20.2	52	16	7.51	24.8	-2.4	1.1	58	20	1.9
101006	10200	20040	57405.23	58006.71	21.4	-3.5	-8.9	43	86	1.71	22.3	61.6	19.5	51	16	7.46	24.8	-5.3	-0.2	58	18	1.87
101054	10200	20060	57392.99	57994.43	21.4	-2.9	-8.8	66	73	1.76	22.3	52.5	17.9	53	16	7.68	24.8	-13.1	0.5	55	23	1.85
101126	10200	20080	57434.6	58036.13	21.4	-0.9	-7.7	34	84	1.62	22.3	49.8	19.3	52	18	7.63	24.8	-16.6	3.8	56	27	1.92
101202	10200	20100	57433.98	58035.49	21.4	-2	-9.7	39	81	1.61	22.3	54	19.6	53	16	7.66	24.8	-16.8	2.5	63	18	2.04
101238	10200	20120	57474.46	58076.01	21.4	-0.6	-10.4	43	82	1.65	22.3	57.2	19.3	53	17	7.73	24.8	-15.9	3.6	65	19	2.09
101322	10200	20140	57523.27	58125.19	21.4	-2.8	-11	37	82	1.61	22.3	53.3	17	57	24	8.56	24.8	-11.1	4.2	69	18	2.22
101358	10200	20160	57550.52	58152.53	21.4	-5	-10.5	31	83	1.59	22.3	51.1	18.6	56	18	8.09	24.8	-5.3	3.7	71	18	2.27
101434	10200	20180	57561.16	58163.58	21.4	-4.3	-10.5	23	86	1.59	22.3	55.6	20	54	19	7.91	24.8	0.3	3.3	65	23	2.15
101514	10200	20200	57644.53	58246.92	21.4	-6.9	-7.7	41	84	1.67	22.3	58	19.4	54	17	7.85	24.8	4.1	2.4	65	20	2.11
101550	10200	20220	57756.1	58359.01	21.4	-5.9	-7.6	45	87	1.75	22.3	68.4	19.4	54	18	7.92	24.8	4.8	2.3	66	18	2.11
101626	10200	20240	57840.11	58443.41	21.4	-5.2	-6.4	45	89	1.78	22.3	64.3	20.5	53	19	7.79	24.8	2.7	0.3	60	24	2.01
101702	10200	20260	57954.79	58558.82	21.4	-5	-5.1	26	44	1.84	22.3	72.8	19.6	55	21	8.09	24.8	2.2	3.7	56	28	1.93
101738	10200	20280	57993.16	58597.52	21.4	-2.1	-4.5	41	90	1.77	22.3	65.9	22.1	53	20	7.85	24.8	1.8	3	60	20	1.95
101818	10200	20300	57935.23	58539.36	21.4	-0.1	-3.9	23	44	1.8	22.3	65	21.1	53	17	7.67	24.8	0.2	3.8	57	27	1.94
101850	10200	20320	57744.91	58349.86	21.4	0.7	-4.9	48	90	1.83	22.3	66.8	20.9	54	18	7.82	24.8	-0.7	3.7	55	27	1.89
101926	10200	20340	57574.76	58179.84	21.4	1.4	-3.2	20	46	1.8	22.3	64.8	22.1	50	20	7.42	24.8	-1.9	3.3	56	26	1.91
102002	10200	20360	57499.83	58105.6	21.4	-0.1	-4.2	21	98	1.79	22.3	71.6	20.6	52	20	7.65	24.8	-2.5	5.5	60	21	1.97
102038	10200	20380	57487.37	58092.96	21.4	-1.1	-4.3	22	46	1.83	22.3	69.3	22.3	51	18	7.4	24.8	-2.7	6.4	61	19	1.99
102118	10200	20400	57464.78	58070.33	21.4	-1.3	-2.4	29	96	1.79	22.3	65.4	21.2	51	21	7.65	24.8	-0.6	4.1	65	8	2.01
102158	10200	20420	57455.23	58061.01	21.4	-0.8	-3.4	14	48	1.8	22.3	60.7	22.5	49	21	7.34	24.8	-0.3	5.3	62	17	2
102234	10200	20440	57428.63	58034.69	21.4	-1.4	-2.9	14	49	1.82	22.3	67.3	22.1	51	19	7.5	24.8	0.3	6.3	60	20	1.97
102314	10200	20460	57389.74	57995.99	21.4	-1.7	-2.5	20	47	1.84	22.3	62.8	20.2	52	26	8	24.8	0.4	5.9	57	21	1.89
102354	10200	20480	57363.67	57969.54	21.4	-1.1	-3.4	48	92	1.86	22.3	74.7	21.8	48	27	7.6	24.8	0.6	8	56	18	1.82
102438	10200	20500	57367.3	57975.45	21.4	-1.9	-2.2	42	26	1.78	22.3	67.8	22.4	51	24	7.82	24.8	2	11.7	57	17	1.85
102514	10200	20520	57382.36	57991.1	21.4	-1.3	-4.4	40	91	1.78	22.3	62	22.6	48	24	7.4	24.8	-6.7	7	67	18	2.14
102550	10200	20540	57397.64	58007	21.4	1.5	-3.1	26	43	1.83	22.3	65.4	22.4	101	45	7.64	24.8	-7.2	6.8	65	23	2.13
102626	10200	20560	57401.39	58009.86	21.4	4	-2.8	38	92	1.77	22.3	68.8	22.1	48	23	7.42	24.8	-9	7.1	65	19	2.1
102658	10200	20580	57354.5	57962.48	21.4	5.8	-3.2	20	45	1.79	22.3	70.1	22.1	49	21	7.45	24.8	-10.1	6.7	67	23	2.19
102734	10200	20600	57333.38	57941.3	21.4	7.2	-1.7	44	87	1.75	22.3	68.7	22.8	50	21	7.49	24.8	-10	5.2	68	18	2.18
110938	10100	19400	57625.73	58240.9	21.4	-18.7	7.7	25	44	1.82	22.3	-66.7	-16.8	64	18	9.15	24.8	-9.3	5.5	70	20	2.24
110858	10100	19420	57688.4	58303	21.4	-19.7	8.6	42	90	1.77	22.3	-67	-17.8	62	20	9	24.8	-5.2	7.2	72	17	2.29
110822	10100	19440	57773.99	58387.77	21.4	-20.8	7.7	24	45	1.84	22.3	-73.4	-16.7	63	17	8.98	24.8	-1.9	5.8	72	19	2.31
110746	10100	19460	57745.12	58359.06	21.4	-21.7	5.6	47	91	1.82	22.3	-66.6	-17.4	61	19	8.81	24.8	2.5	6.8	69	24	2.25
110710	10100	19480	57666.96	58280.71	21.4	-20.6	6.9	28	44	1.88	22.3	-61.2	-17	61	18	8.76	24.8	4	6.2	70	23	2.28
110634	10100	19500	57731.06	58344.7	21.4	-19.2	5.6	51	89	1.84	22.3	-62.6	-17	65	20	9.44	24.8	5.4	7	65	22	2.14
110558	10100	19520	57700.76	58314.13	21.4	-16.5	7.4	63	87	1.93	22.3	-60.5	-18.9	61	22	8.91	24.8	6.6	8.8	64	22	2.08
110522	10100	19540	57661.54	58274.68	21.4	-15	6.9	30	44	1.92	22.3	-67	-17	63	19	9.04	24.8	4.8	8.9	63	21	2.07
110442	10100	19560	57608.15	58220.65	21.4	-12.2	7.9	50	94	1.91	22.3	-58.6	-17.5	62	19	8.92	24.8	2.6	9	64	20	2.08
110402	10100	19580	57593.07	58205.34	21.4	-12.3	8.5	25	47	1.91	22.3	-65.3	-17.2	62	20	9.03	24.8	2.1	9.7	63	19	2.05
110326	10100	19600	57547.84	58159.92	21.4	-8.7	9.2	51	92	1.88	22.3	-60.5	-16	63	20	9.13	24.8	1.5	11.2	61	25	2.04
110250	10100	19620	57556.99	58168.9	21.4	-7	10.9	25	46	1.88	22.3	-58.7	-17.8	62	19	8.92	24.8	3.6	13.7	64	20	2.07
110214	10100	19640	57604.63	58216.23	21.4	-7.5	9.8	47	90	1.82	22.3	-60.7	-16.9	63	17	9.03	24.8	6.7	15.2	62	21	2.02
110138	10100	19660	57547.75	58159.19	21.4	-6.9	13.4	45	87	1.76	22.3	-64.2	-17.3	62	19	9	24.8	3.9	16.6	62	20	2.01
110058	10100	19680	57518.9	58130.55	21.4	-7.3	13.9	23	45	1.83	22.3	-59.4	-16.2	67	15	9.41	24.8	0.5	14.3	59	18	1.91
110022	10100	19700	57478.04	58089.41	21.4	-9	12.9	36	92	1.77	22.3	-76.3	-20.2	54	19	7.88	24.8	-4.7	10.5	58	21	1.91
105946	10100	19720	57466.62	58078.48	21.4	-9.2	13.9	49	86	1.77	22.3	-71	-17.8	60	25	8.92	24.8	-7.6	7.5	56	24	1.89
105910	10100	19740	57444.1	58055.68	21.4	-8.2	15.4	43	87	1.74	22.3	-65.7	-18.9	53	24	8.1	24.8	-9.3	7.3	60	19	1.95

MAGNETOMETER AND VLF-EM RAW DATA FOR THE BENNETT GRID

Time	Grid Easting	Grid northing	Uncorrected mag data	Corrected mag data	VLF freq #1	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq #2	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq #3	In-phase %	Out-of-phase	Horizontal-1	Horizontal-2	Tot. field strength (pT)
105834	10100	19760	57458.08	58069.77	21.4	-10.3	14.7	45	86	1.73	22.3	-63	-20.5	53	18	7.7	24.8	-9.8	4.7	61	20	2
105758	10100	19780	57461.16	58072.67	21.4	-13.6	13.7	43	83	1.67	22.3	-57.5	-21.1	55	19	7.97	24.8	-8.9	3.7	63	18	2.03
105722	10100	19800	57524.15	58135.49	21.4	-16.1	10.9	20	43	1.71	22.3	-61.3	-20.8	56	19	8.1	24.8	-8.2	2.8	62	21	2.04
105646	10100	19820	57491.79	58102.94	21.4	-19.7	9.1	34	89	1.71	22.3	-65.2	-21.5	53	22	7.96	24.8	-7.2	2	83	18	2.04
105610	10100	19840	57503.97	58114.57	21.4	-18.1	7.4	40	86	1.69	22.3	-63	-19.5	53	20	7.86	24.8	-7.1	2.5	63	14	2.01
105530	10100	19860	57467.63	58077.6	21.4	-18.8	7.8	22	45	1.79	22.3	-63.8	-19.6	54	19	7.87	24.8	-7.5	0.9	60	20	1.97
105454	10100	19880	57509.09	58118.46	21.4	-17.9	5.7	50	89	1.83	22.3	-65.8	-18.5	61	25	9.09	24.8	-9.8	2.3	59	22	1.96
105414	10100	19900	57563.08	58172.25	21.4	-15.7	5.8	23	46	1.84	22.3	-60.2	-19.5	56	21	8.21	24.8	-14.7	1.9	63	16	2.01
105334	10100	19920	57482.2	58090.81	21.4	-15.4	4.3	49	89	1.82	22.3	-58.6	-21	57	21	8.42	24.8	-14.4	1.9	63	18	2.03
105254	10100	19940	57517.47	58125.98	21.4	-14.1	5.2	59	87	1.88	22.3	-62.3	-18.1	62	22	9.11	24.8	-14.5	3.5	61	23	2.03
105214	10100	19960	57583.91	58192.33	21.4	-14.9	3.9	26	45	1.88	22.3	-62.3	-19.3	55	20	8.11	24.8	-16.5	2.2	61	25	2.06
105138	10100	19980	57676.09	58284.81	21.4	-14.9	5.9	45	92	1.84	22.3	-52.9	-19.4	54	22	8.09	24.8	-16.1	7.3	58	31	2.03
105054	10100	20000	57606.44	58215.21	21.4	-14.7	5.1	31	44	1.93	22.3	-57.1	-17.8	62	23	9.08	24.8	-12.6	2.6	63	26	2.12
105010	10100	20020	57424.96	58033.82	21.4	-15	3	64	89	1.95	22.3	-57.5	-18.2	59	23	8.7	24.8	-11.7	1.3	66	17	2.11
104934	10100	20040	57441.88	58050.35	21.4	-14.4	5.6	25	48	1.94	22.3	-55.5	-18.2	58	27	8.84	24.8	-10	1.7	68	12	2.12
104842	10100	20060	57408.07	58016.37	21.4	-12.6	4.5	22	50	1.95	22.3	-61.4	-16.4	64	27	9.57	24.8	-9.3	-1.4	60	25	2.01
104726	10100	20080	57397.16	58005.31	21.4	-13.2	1.7	15	52	1.94	22.3	-59.9	-20	53	19	7.79	24.8	-8.8	-0.4	62	23	2.06
104650	10100	20100	57426.76	58034.74	21.4	-9.7	3.1	25	51	2.04	22.3	-59.6	-19.8	54	22	8.01	24.8	-9.7	-0.1	65	19	2.11
104610	10100	20120	57413.56	58021.53	21.4	-4.3	1.6	68	90	2.02	22.3	-57.5	-19.2	56	19	8.15	24.8	-8.3	-0.9	62	21	2.03
104514	10100	20140	57422.8	58030.96	21.4	-2.6	2.7	38	44	2.08	22.3	-72.8	-20.2	57	19	8.33	24.8	-6.3	-2.3	61	29	2.09
104430	10100	20160	57428.57	58036.38	21.4	-1.1	2.5	21	50	1.96	22.3	-61.4	-20.4	56	13	8	24.8	-4.6	-1.2	65	19	2.09
104354	10100	20180	57461.71	58069.72	21.4	-0.8	1.8	21	50	1.95	22.3	-10.6	-10.2	65	24	9.48	24.8	-2.2	-0.6	61	24	2.04
104318	10100	20200	57548.99	58157	21.4	-1.1	1.1	20	49	1.9	22.3	-27.1	-12.8	57	24	8.61	24.8	-1	-1.1	63	20	2.05
104242	10100	20220	57612.84	58221.06	21.4	-3.5	0.7	18	49	1.87	22.3	-55.2	-16.5	57	15	8.21	24.8	-1.7	-0.9	62	22	2.04
104206	10100	20240	57608.25	58216.04	21.4	-3.8	2.3	13	50	1.87	22.3	-53.3	-17.8	54	17	7.85	24.8	-3.4	0.2	64	14	2.04
104130	10100	20260	57528.49	58136.15	21.4	-4.1	2.5	23	48	1.92	22.3	-59.9	-21.3	52	16	7.5	24.8	-4.6	0.1	62	16	1.99
104054	10100	20280	57485.76	58092.92	21.4	-3.4	1.4	34	99	1.86	22.3	-61.2	-19.6	54	17	7.85	24.8	-4.6	-1.5	58	25	1.97
104014	10100	20300	57535.92	58143.37	21.4	-4.7	1.7	26	47	1.92	22.3	-87.2	-22.4	49	13	6.96	24.8	-4.4	0.3	60	24	2.01
103942	10100	20320	57582.62	58189.99	21.4	-4.7	1.8	42	95	1.86	22.3	-66.3	-22.9	48	17	7.07	24.8	-6.1	0.7	60	22	1.98
103910	10100	20340	57555.52	58162.98	21.4	-7.4	2.2	63	84	1.88	22.3	-69.7	-23.9	48	19	7.19	24.8	-6.4	2.1	59	22	1.93
103834	10100	20360	57547.63	58155.02	21.4	-4.1	1.4	27	46	1.93	22.3	-62.5	-23.6	50	17	7.28	24.8	-7.3	1.9	61	20	1.99
103758	10100	20380	57495.76	58102.64	21.4	-4.5	1.6	16	48	1.84	22.3	-66.6	-23.5	101	32	7.26	24.8	-9.1	5.6	60	22	1.98
103726	10100	20400	57488.79	58095.79	21.4	-3	0.6	17	48	1.83	22.3	-62.2	-23.5	48	14	6.9	24.8	-6.5	4.4	59	20	1.94
103654	10100	20420	57485.7	58103.29	21.4	-3.2	2.5	22	48	1.89	22.3	-61.5	-23.3	49	16	7.14	24.8	-7.2	4.7	53	29	1.87
103622	10100	20440	57389.9	57997.84	21.4	-2.5	3.6	42	94	1.84	22.3	-73.1	-21.4	51	18	7.42	24.8	-7.5	3.8	55	29	1.92
103542	10100	20460	57327.29	57935.74	21.4	-2.5	2.1	24	46	1.87	22.3	-62.6	-21.9	50	17	7.24	24.8	-8.1	6.7	59	25	1.99
103502	10100	20480	57300.98	57909.22	21.4	-2.2	3.2	19	49	1.9	22.3	-72.3	-21.8	103	38	7.55	24.8	-9.6	7.6	57	25	1.92
103406	10100	20500	57299.49	57907.19	21.4	-1.6	1.6	51	93	1.9	22.3	-64	-23.5	48	18	7.05	24.8	-12	6	58	20	1.89
103214	10100	20520	57314.48	57921.7	21.4	-1.7	1.2	15	50	1.88	22.3	-69.1	-24.3	49	16	7.16	24.8	0.1	8.7	68	22	2.21
103138	10100	20540	57315.58	57921.47	21.4	1.1	2.2	16	50	1.9	22.3	-70.1	-22	51	18	7.48	24.8	-2.2	6.7	66	24	2.16
103058	10100	20560	57311.8	57916.67	21.4	6.2	0.9	20	49	1.9	22.3	-61.9	-20.9	52	18	7.58	24.8	-3.4	5.9	67	20	2.16
103022	10100	20580	57318.42	57923.34	21.4	9.7	2.6	19	48	1.86	22.3	-59.9	-22.8	51	17	7.39	24.8	-3.1	7.4	70	11	2.19
102942	10100	20600	57309.09	57915.66	21.4	15.8	3.2	51	89	1.84	22.3	-61.7	-19.9	53	20	7.78	24.8	-3.3	7.1	68	20	2.2
113054	10000	19400	57748.2	58364.31	21.4	-11.5	7.1	54	94	1.93	22.3	59	13.6	64	23	9.4	24.8	-3.7	8.2	66	26	2.2
113130	10000	19420	57791.69	58407.71	21.4	-13.8	6.3	25	48	1.95	22.3	64.6	12	65	22	9.51	24.8	-5.2	6.4	66	23	2.17
113206	10000	19440	57800.42	58416.2	21.4	-12.5	5.5	28	47	1.97	22.3	59.4	12.6	66	23	9.69	24.8	-4	6.8	69	21	2.24
113238	10000	19460	57826.84	58442.43	21.4	-12.9	6.5	68	85	1.94	22.3	69	13.4	64	20	9.32	24.8	0	6.7	71	23	2.32
113314	10000	19480	57785.33	58400.97	21.4	-12.9	6	50	96	1.94	22.3	64.8	11.6	64	20	9.21	24.8	0.9	8.2	69	25	2.28
113350	10000	19500	57790.6	58405.9	21.4	-14.5	5.1	23	49	1.95	22.3	60.1	11.9	63	19	9.11	24.8	2	8.9	70	22	2.27
113426	10000	19520	57777.92	58392.89	21.4	-15.8	3.7	27	47	1.96	22.3	70.4	13.5	62	20	9.01	24.8	3.8	6.4	63	30	2.16
113502	10000	19540	57714.19	58328.79	21.4	-13.7	2.7	59	96	2.01	22.3	64.7	14	60	20	8.76	24.8	7.1	9	67	23	2.18
113538	10000	19560	57715.6	58330.34	21.4	-13.7	3.1	27	49	2.02	22.3	62.9	15.2	61	18	8.73	24.8	7	8.8	65	22	2.12
113614	10000	19580	57656.7	58271.2	21.4	-12.1	3.6	27	51	2.06	22.3	65.9	13.5	65	19	9.41	24.8	4.9	9	61	27	2.06
113646	10000	19600	57712.57	58327.22	21.4	-9.2	3	28	49	2.04	22.3	69.3	16.6	65	16	9.18	24.8	2.5	8.1	60	24	2.01
113722	10000	19620	57655.31	58269.77	21.4	-8.3	2.5	23	51	2.02	22.3	66.6	15.8	62	15	8.75	24.8	-1.8	7.4	65	21	2.11
113758	10000	19640	57643.04	58256.93	21.4	-5.7	3.7	29	49	2.05	22.3	63.3	14.7	62	19	8.97	24.8	-2	8	63	29	2.16
113834	10000	19660	57648.95	58262.8	21.4	-5	4.5	26	48	1.95	22.3	62.2	16.8	62	20	9.03	24.8	1.6	8.5	68	24	2.23
113906	10000	19680	57622.18	58235.93	21.4	-8.4	4.1	43	100	1.94	22.3	74.9	15.7	64	20	9.2	24.8	6.5	10.9	67	25	2.22
113938	10000	19700	57615.12	58228.69	21.4	-10.2	3.7	22	51	1.99	22.3	70.2	16.3	63	19	9.07	24.8	9.1	12	64	20	2.09
114014	10000	19720	57673.28	58286.55	21.4	-11.4	3.3	29	47	2	22.3	64.4	16.5	60	20	8.69	24.8	10	11.8	63	22	2.07
114050	10000	19740	57558.24	58171.39	21.4	-10.5	2.9	48	104	2.05	22.3	67	15.7	63	18	8.99	24.8	9.3	9.8	62	18	2.01
114122	10000	19760	57522.69	58135.86	21.4	-6.4	6.3	27	52	2.13	22.3	62.6	16.8	62	17	8.84	24.8	5.4	7.7	60	21	1.95
114158	10000	19780	57527.37	58140.54	21.4	-3.8	8.1	29	51	2.12	22.3	70.4	15.7	61	22	8.94	24.8	2	7.3	60	23	1.99
114234	10000	19800	57556.58	58169.7	21.4	-0.5	8.6	30	49	2.06	22.3	73.4	14.6	59	19	8.62	24.8	0.7	6.3	58	25	1.97
114310	10000	19820	57563.16	58176.13	21.4	-0.9	10.8	27	48	1.99	22.3	64.8	16.5	61	20	8.8	24.8	-0.6	7.6	59	23	1.96
114346	10000	19840	57729.91	58342.7	21.4	-1.5	10.8	29	46	1.98	22.3	61.5	17.9	61	19	8.81	24.8	-2.8	6.1	56	28	1.95

MAGNETOMETER AND VLF-EM RAW DATA FOR THE BENNETT GRID

Time	Grid Easting	Grid northing	Uncorrected mag data	Corrected mag data	VLF freq.#1	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#2	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#3	In-phase %	Out-of-phase	Horizontal-1	Horizontal-2	Tot. field strength (pT)
114422	10000	19860	58017.95	58630.82	21.4	-4.6	8.4	47	95	1.89	22.3	55.4	13.3	67	20	9.58	24.8	-6.1	3.3	56	23	1.89
114458	10000	19880	58034.12	58646.68	21.4	-6	5.6	21	49	1.91	22.3	65.5	15.2	63	17	8.99	24.8	-5.9	3.3	60	14	1.91
114530	10000	19900	57826.94	58439.24	21.4	-6.3	6.5	19	48	1.87	22.3	67	16.4	63	18	8.97	24.8	-9.5	4.8	57	25	1.93
114606	10000	19920	57728.39	58340.34	21.4	-7.6	4.7	22	48	1.89	22.3	66.9	16.3	62	20	9.06	24.8	-12.2	2	59	24	1.97
114642	10000	19940	57456.47	58068.25	21.4	-10.4	1.3	35	99	1.87	22.3	73.1	15.6	63	19	9.14	24.8	-13.9	3	60	19	1.94
114722	10000	19960	57384.56	57996.19	21.4	-11.4	1.7	21	50	1.94	22.3	70.7	17	60	22	8.86	24.8	-17.5	3.8	59	24	1.98
114802	10000	19980	57452.03	58063.53	21.4	-14.2	0	23	49	1.95	22.3	68.5	16.2	63	20	9.09	24.8	-19.8	2.2	62	18	2.01
114842	10000	20000	57431.85	58043.31	21.4	-16.2	1.1	18	50	1.91	22.3	67.1	17.1	62	21	9.09	24.8	-16.5	7.1	62	22	2.04
114922	10000	20020	57337.28	57948.27	21.4	-14.8	1.2	21	51	1.98	22.3	63.7	15.9	64	21	9.27	24.8	-15.1	5.5	61	30	2.11
114958	10000	20040	57403.78	58015.19	21.4	-14.2	3.1	26	49	1.97	22.3	68.2	17.1	63	22	9.27	24.8	-15.3	9.4	56	33	2.02
115034	10000	20060	57403.64	58014.57	21.4	-18.2	-0.1	21	49	1.92	22.3	68.7	17.1	63	21	9.13	24.8	-14.4	8.6	60	31	2.08
115110	10000	20080	57408.35	58019.61	21.4	-18.3	0.7	28	50	2.06	22.3	70.3	16.5	62	20	9.01	24.8	-10.9	7.9	65	23	2.15
115146	10000	20100	57426.46	58038.22	21.4	-17.9	0.6	23	51	2.02	22.3	72.7	17.4	62	21	9.07	24.8	-8.6	4.9	66	20	2.13
115226	10000	20120	57457.96	58069.83	21.4	-16.9	1	15	54	2.01	22.3	78.3	16.7	60	21	8.84	24.8	-6.3	4.2	61	27	2.08
115302	10000	20140	57452.19	58063.59	21.4	-16.4	2	8	56	2.01	22.3	66.5	18.1	59	19	8.55	24.8	-6.7	6.3	58	30	2.02
115338	10000	20160	57441.66	58053.2	21.4	-17.2	1.3	11	55	2.02	22.3	64	17.9	61	19	8.89	24.8	-8.2	5.1	61	29	2.08
115414	10000	20180	57456.4	58067.09	21.4	-16.6	1.7	20	53	2.05	22.3	63.2	18.3	60	19	8.74	24.8	-7.7	2.9	63	26	2.1
115446	10000	20200	57473.12	58084.08	21.4	-15.1	1.8	24	53	2.11	22.3	76.4	18.4	58	21	8.5	24.8	-5.1	4.7	63	26	2.11
115522	10000	20220	57465.56	58076.72	21.4	-14.7	1	22	55	2.13	22.3	68.3	19.3	59	17	8.52	24.8	-4.7	4	64	24	2.11
115602	10000	20240	57496.03	58107.18	21.4	-16.7	-0.4	11	56	2.05	22.3	72.9	18.4	59	20	8.56	24.8	-2.5	6	59	30	2.05
115638	10000	20260	57494.72	58105.78	21.4	-15.2	-0.4	19	57	2.16	22.3	65	19.1	56	20	8.23	24.8	-2.9	3.5	63	21	2.07
115718	10000	20280	57432.43	58043.31	21.4	-13.3	-1.2	26	56	2.21	22.3	60.1	17.1	66	19	9.54	24.8	-3.8	3.3	62	20	2.01
115754	10000	20300	57396.88	58008.44	21.4	-11.5	-0.7	29	55	2.23	22.3	71.4	17.9	60	17	8.62	24.8	-4.2	5.4	57	30	1.99
115830	10000	20320	57388.35	57999.58	21.4	-9.5	-1.6	28	57	2.29	22.3	69.3	17.8	58	19	8.41	24.8	-5.2	5	65	19	2.09
115906	10000	20340	57419.23	58030.76	21.4	-5.4	-0.8	17	59	2.21	22.3	55.8	13.4	72	11	10.09	24.8	-5.4	6.1	59	26	2.01
115942	10000	20360	57397.88	58009.57	21.4	-4.8	-1.1	30	54	2.22	22.3	52	13.6	74	15	10.35	24.8	-4.5	9	54	30	1.92
120018	10000	20380	57354.81	57966.31	21.4	-5.9	-1.3	26	55	2.2	22.3	59.7	15.1	66	18	9.42	24.8	-3.5	8.8	60	21	1.97
120050	10000	20400	57316.71	57928.17	21.4	-6.4	-2.1	14	60	2.2	22.3	52.5	15.1	69	17	9.8	24.8	-4.2	10.5	58	22	1.92
120130	10000	20420	57314.11	57924.84	21.4	-5.5	0.2	29	55	2.23	22.3	53.5	15.7	68	20	9.73	24.8	-9.6	12.4	52	26	1.79
120206	10000	20440	57314.12	57924.56	21.4	-4.3	0.2	20	59	2.23	22.3	50.4	16.5	63	16	8.99	24.8	-17.9	15.8	55	23	1.83
120242	10000	20460	57305.83	57916.31	21.4	-4	0.7	18	59	2.23	22.3	49.4	16.3	64	13	9.04	24.8	-34.4	14.6	56	21	1.87
120318	10000	20480	57282.11	57892.86	21.4	-3.5	0.5	29	56	2.27	22.3	64.7	17.3	60	15	8.59	24.8	-34.9	14.2	66	29	2.23
120354	10000	20500	57292.83	57903.62	21.4	-4.1	2.1	24	58	2.25	22.3	60.9	17.7	60	15	8.5	24.8	-9.1	6.5	67	30	2.26
120430	10000	20520	57326.46	57937.14	21.4	-3.3	2.9	16	60	2.22	22.3	66.1	17.7	58	16	8.27	24.8	-5.1	8.8	73	24	2.39
120502	10000	20540	57308.87	57919.62	21.4	-5.7	4.8	22	59	2.25	22.3	70.9	18.6	56	19	8.15	24.8	-2.3	8.6	69	33	2.36
120542	10000	20560	57318.27	57929.09	21.4	-11.2	4.9	23	60	2.3	22.3	68.3	18.7	55	15	7.88	24.8	-0.9	9.4	67	26	2.23
120618	10000	20580	57308.26	57918.9	21.4	-14.2	2.7	19	64	2.41	22.3	68.3	17.8	54	19	7.96	24.8	-3.8	8.3	68	25	2.24
120654	10000	20600	57294.43	57905.4	21.4	-3.6	0.9	17	64	2.39	22.3	67.4	19.4	54	15	7.7	24.8	-4.1	9.3	63	28	2.13
124950	9900	19400	57719.78	58334.17	21.4	-15.4	11.4	22	56	2.16	22.3	-64.5	-19.9	84	24	6.02	24.8	-8.6	8.1	66	24	2.18
124914	9900	19420	57627.83	58241.97	21.4	-14.5	9.1	17	57	2.13	22.3	-68.4	-18.3	82	23	5.83	24.8	-10.4	6.7	70	23	2.27
124838	9900	19440	57636.08	58250.2	21.4	-15.8	8.4	23	56	2.16	22.3	-65.4	-17.3	86	22	6.12	24.8	-10.8	6	67	31	2.29
124802	9900	19460	57739.69	58353.38	21.4	-15.1	11.9	24	53	2.08	22.3	-77.4	-18.6	88	28	6.35	24.8	-11	6.9	67	26	2.23
124726	9900	19480	57956.29	58570.09	21.4	-15	11	16	55	2.06	22.3	-68.6	-20.4	88	24	6.27	24.8	-8.6	6.9	70	20	2.25
124650	9900	19500	58077.12	58690.5	21.4	-17.5	9.4	20	55	2.1	22.3	-67.6	-17.6	44	12	6.32	24.8	-8.4	8	70	30	2.35
124614	9900	19520	58070	58683.7	21.4	-16.2	9.4	26	55	2.19	22.3	-62.3	-17	91	26	6.52	24.8	-9	7.3	69	26	2.29
124542	9900	19540	57999.32	58612.67	21.4	-17.4	9.6	20	58	2.19	22.3	-70.1	-21.2	46	12	6.62	24.8	-8.7	7.7	72	24	2.33
124506	9900	19560	57934.48	58547.99	21.4	-17.2	8.1	26	57	2.23	22.3	-66.8	-20.4	96	25	6.84	24.8	-5.2	9	67	34	2.33
124430	9900	19580	57949.55	58563.06	21.4	-16.5	8.6	31	55	2.26	22.3	-74.1	-17.9	45	12	6.5	24.8	-3.7	9.2	67	33	2.3
124358	9900	19600	57986.11	58599.28	21.4	-15.8	9	21	57	2.2	22.3	-73.3	-17.6	98	29	7.02	24.8	-2.2	9.3	69	31	2.34
124322	9900	19620	57976.26	58588.65	21.4	-17.4	6.6	27	57	2.25	22.3	-79.8	-18	47	13	6.73	24.8	0	10.4	68	26	2.25
124238	9900	19640	57846.57	58458.28	21.4	-13.8	8.2	30	58	2.33	22.3	-69.7	-17.8	98	23	6.91	24.8	1.8	10.4	59	42	2.24
124202	9900	19660	57725.81	58337.15	21.4	-13.8	9.1	21	61	2.31	22.3	-80	-18.9	46	13	6.6	24.8	-0.9	11.8	62	33	2.17
124126	9900	19680	57549.37	58160.65	21.4	-10.3	10.3	23	60	2.31	22.3	-64.9	-18.6	49	12	6.92	24.8	-3.8	10	57	39	2.14
124054	9900	19700	57678.85	58289.97	21.4	-8.7	9.1	29	60	2.39	22.3	-74.5	-18	51	15	7.34	24.8	-5.9	9.3	69	23	2.24
124022	9900	19720	57760.68	58372.32	21.4	-6.6	11.1	31	60	2.42	22.3	-63.8	-17.8	52	12	7.32	24.8	-4.4	8.9	70	24	2.28
123946	9900	19740	57749.76	58361.59	21.4	-2.7	13.7	15	63	2.34	22.3	-81.3	-15.8	49	16	7.15	24.8	-2.2	9.5	64	33	2.25
123914	9900	19760	57704.91	58316.44	21.4	-3.2	14	21	59	2.26	22.3	-71.4	-19.3	52	15	7.44	24.8	-1.7	8.8	71	23	2.3
123842	9900	19780	57701.17	58312.86	21.4	-6.4	12.9	14	61	2.26	22.3	-59.2	-20.6	49	14	7.02	24.8	-0.3	8.6	70	27	2.32
123806	9900	19800	57669.24	58281.23	21.4	-8.5	11	33	56	2.33	22.3	-60.5	-17.8	49	16	7.14	24.8	1.6	7.2	68	27	2.27
123734	9900	19820	57654.71	58266.71	21.4	-7.5	12	32	56	2.33	22.3	-64.7	-18	51	14	7.33	24.8	6	9.5	68	23	2.22
123702	9900	19840	57738.55	58350.53	21.4	-6	12.2	24	58	2.26	22.3	-59.8	-18.3	52	14	7.45	24.8	5.2	8.6	65	23	2.14
123618	9900	19860	57726.9	58339	21.4	-6.2	13.4	33	56	2.32	22.3	-65.7	-17	54	13	7.65	24.8	3.6	7.6	118	51	1.99
123542	9900	19880	57572.86	58184.9	21.4	-3.9	13.7	32	56	2.3	22.3	-64.9	-17.5	55	13	7.85	24.8	0.5	6.2	44	42	1.89
123502	9900	19900	57429.71	58041.93	21.4	-1	12.6	24	60	2.32	22.3	-52.4	-14.3	56	18	8.08	24.8	-0.6	6.1	57	27	1.95
123426	9900	19920	57464.78	58077.42	21.4	2.5	14.2	29	56	2.25	22.3	-59.1	-14.2	60	16	8.64	24.8	-5.1	3.7	56	30	1.96
123354	9900	19940	57474.67	58087.31	21.4	2.1	13.7	30	52	2.16	22.3	-67.8	-15.1	61	13	8.61	24.8	-10.6	0.3	49	34	1.84

MAGNETOMETER AND VLF-EM RAW DATA FOR THE BENNETT GRID

Time	Grid Easting	Grid northing	Uncorrected mag data	Corrected mag data	VLF freq.#1	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#2	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#3	In-phase %	Out-of-phase	Horizontal-1	Horizontal-2	Tot. field strength (pT)
123318	9900	19960	57427.38	58039.82	21.4	2.5	16.1	20	55	2.11	22.3	-71.3	-17.5	57	18	8.28	24.8	-17.3	-1.2	59	25	1.98
123238	9900	19980	57430.86	58043.49	21.4	-0.5	12.1	2	56	2.02	22.3	-64.4	-15.5	59	17	8.44	24.8	-15	0.2	63	22	2.05
123158	9900	20000	57531.33	58143.77	21.4	-0.3	13.1	18	53	2.01	22.3	-68.8	-15.4	59	20	8.66	24.8	-13.4	1.8	65	13	2.06
123118	9900	20020	57421.82	58034.3	21.4	-1	12.5	20	51	1.99	22.3	-56.7	-14.6	63	13	8.94	24.8	-13.9	1.3	66	8	2.07
123038	9900	20040	57404.68	58016.97	21.4	-2.7	12.2	4	53	1.9	22.3	-60.6	-13.6	63	21	9.11	24.8	-12.2	2.3	66	16	2.11
123002	9900	20060	57426.53	58039.15	21.4	-3.8	12.4	19	51	1.97	22.3	-62.5	-10.6	70	23	10.14	24.8	-10	3.6	66	20	2.13
122930	9900	20080	57434.16	58046.8	21.4	-4.5	9	27	48	1.99	22.3	-62.2	-12.5	69	20	9.9	24.8	-9.1	5.1	67	18	2.15
122854	9900	20100	57407	58019.74	21.4	-2.2	10.4	56	96	1.98	22.3	-63.9	-16	68	18	9.74	24.8	-8.6	5.8	66	18	2.11
122822	9900	20120	57463.36	58076.38	21.4	-5.2	14.3	32	47	2.04	22.3	-74.1	-13.1	63	19	9.08	24.8	-7.6	5.1	62	28	2.11
122746	9900	20140	57476.33	58089.69	21.4	-6.6	9.9	24	50	2.01	22.3	-66.5	-15.2	62	16	8.85	24.8	-5.4	4.6	61	30	2.12
122714	9900	20160	57478.84	58092.56	21.4	-7.7	10.8	21	52	2.04	22.3	-66.9	-17	63	18	8.99	24.8	-2.5	5	61	29	2.08
122638	9900	20180	57479.49	58092.84	21.4	-9	9.6	25	52	2.07	22.3	-69.7	-14.8	62	17	8.86	24.8	-3.2	4.2	62	21	2.04
122606	9900	20200	57501.53	58115.25	21.4	-8.9	10.1	27	53	2.15	22.3	-66.2	-15.7	64	16	9.05	24.8	-2.8	4	59	28	2.02
122534	9900	20220	57407.98	58021.84	21.4	-8.5	10.5	16	57	2.12	22.3	-66.2	-16.5	63	18	9.05	24.8	-4	4.4	61	21	1.99
122454	9900	20240	57386.32	58000.35	21.4	-7.3	9.7	14	57	2.12	22.3	-67	-17.7	62	20	8.98	24.8	-5.6	7.1	53	29	1.88
122422	9900	20260	57358.89	57972.88	21.4	-6.9	10.9	15	57	2.13	22.3	-69.6	-15.4	65	16	9.15	24.8	-9.9	7.9	59	22	1.95
122346	9900	20280	57366.01	57980.18	21.4	-7.9	8.4	26	54	2.14	22.3	-64.5	-15.2	64	18	9.16	24.8	-13.8	5.9	59	22	1.96
122310	9900	20300	57365.58	57980.48	21.4	-8.5	10.4	15	56	2.07	22.3	-72.7	-17.5	61	23	9.08	24.8	-16.8	5.5	58	26	1.96
122234	9900	20320	57385.78	58000.71	21.4	-9.5	8.8	22	54	2.1	22.3	-66.9	-16.7	64	14	9.08	24.8	-19	5.4	63	22	2.07
122202	9900	20340	57360.51	57975.26	21.4	-11.5	9.9	20	55	2.1	22.3	-60.8	-17	65	14	9.13	24.8	-15.7	6.5	65	20	2.12
122130	9900	20360	57382.54	57997.42	21.4	-14.9	8.2	17	55	2.08	22.3	-58.6	-17	63	18	9.09	24.8	-9.5	7.3	64	23	2.1
122058	9900	20380	57386.16	58000.72	21.4	-15.3	9	22	55	2.14	22.3	-65.1	-17.7	62	15	8.82	24.8	-9.9	9.1	61	24	2.03
122022	9900	20400	57373.53	57987.83	21.4	-16.8	6.4	19	57	2.16	22.3	-63.7	-16.7	62	19	9.01	24.8	-11	9.3	58	25	1.96
121950	9900	20420	57358.05	57972.46	21.4	-18.2	5.9	28	56	2.27	22.3	-59.2	-17.7	64	19	9.17	24.8	-12.2	11.2	58	23	1.94
121918	9900	20440	57350.13	57964.06	21.4	-12.8	7.2	28	57	2.29	22.3	-60.1	-18.1	61	17	8.68	24.8	-14.4	12.9	56	20	1.85
121838	9900	20460	57317.5	57931.01	21.4	-7.1	9.6	26	57	2.25	22.3	-60.4	-17.3	61	17	8.7	24.8	-19.9	15.1	49	26	1.71
121802	9900	20480	57304.68	57918.4	21.4	-6.6	9.7	22	56	2.17	22.3	-57.3	-16.9	60	16	8.64	24.8	-29.8	17.5	52	20	1.72
121730	9900	20500	57300.44	57913.97	21.4	-7.3	9.6	16	57	2.12	22.3	-58.5	-16.3	59	21	8.66	24.8	-40.7	19.8	51	21	1.71
121654	9900	20520	57324.89	57938.15	21.4	-6.9	10.2	20	54	2.07	22.3	-75.7	-15.9	56	18	8.2	24.8	-5.3	6.8	19	5	2.52
121618	9900	20540	57321.94	57935.09	21.4	-9.4	10.9	18	55	2.07	22.3	-61.8	-18.7	56	16	8.04	24.8	-8.6	4.8	38	11	2.47
121542	9900	20560	57327.44	57940.6	21.4	-11.6	14.1	10	56	2.04	22.3	-71.4	-17	57	16	8.19	24.8	-7.6	4.2	73	18	2.32
121506	9900	20580	57334.56	57947.05	21.4	-17.1	16.1	9	56	2.03	22.3	-63.1	-16.8	61	15	8.64	24.8	-8.2	4.5	75	17	2.39
121426	9900	20600	57335.6	57947.96	21.4	-26.6	15.2	8	56	2.02	22.3	-66.2	-18.3	57	20	8.35	24.8	-6.6	4.1	69	28	2.3
133138	9800	19400	57591.51	58204.04	21.4	-21.1	2.7	7	14	2.29	22.3	45.1	14	6	2	0.99	24.8	-6.4	3.6	65	33	2.26
133234	9800	19420	57622.64	58235.29	21.4	-22.7	1	16	27	2.31	22.3	39.2	18.4	16	4	1.15	24.8	-8.6	4.1	65	27	2.18
133306	9800	19440	57634.12	58246.88	21.4	-21	1	37	53	2.31	22.3	42.3	20.3	32	9	1.15	24.8	-7.7	4.2	69	26	2.29
133338	9800	19460	57595.18	58207.78	21.4	-20.4	-0.9	37	57	2.43	22.3	41.8	23.1	65	21	1.17	24.8	-8.6	4	68	29	2.28
133414	9800	19480	57638.75	58251.68	21.4	-21.4	-0.7	23	60	2.31	22.3	42.9	18.7	67	21	1.21	24.8	-8.7	4.7	64	33	2.24
133450	9800	19500	57608.22	58220.89	21.4	-20.5	0.3	20	60	2.27	22.3	39.3	22.3	74	24	1.33	24.8	-9.3	5.1	72	21	2.32
133522	9800	19520	57701.06	58314.37	21.4	-21.2	-1	25	58	2.26	22.3	41.4	19.8	71	24	1.29	24.8	-9.8	3.3	74	18	2.34
133554	9800	19540	57699.56	58313.24	21.4	-22.1	-0.3	27	58	2.31	22.3	50.8	23.7	73	23	1.31	24.8	-9.6	3.9	74	18	2.37
133626	9800	19560	57681.77	58295.69	21.4	-21.9	-0.7	23	59	2.29	22.3	46.7	22.7	74	26	1.34	24.8	-5.5	4.8	75	20	2.39
133658	9800	19580	57545.77	58159.85	21.4	-21	0.5	20	62	2.33	22.3	50.2	20	76	27	1.39	24.8	-3	7.1	71	23	2.32
133734	9800	19600	57628.53	58242.74	21.4	-20.1	1.7	34	56	2.36	22.3	46.2	19.8	78	28	1.42	24.8	-3.3	7.3	67	29	2.26
133814	9800	19620	57622.62	58237.57	21.4	-19.7	0.8	35	57	2.4	22.3	49.8	20.2	86	28	1.56	24.8	-4.3	7.8	72	16	2.28
133850	9800	19640	57621.43	58236.58	21.4	-19.1	1	37	55	2.4	22.3	50.8	18.9	95	36	1.74	24.8	-7.1	8.1	67	23	2.21
133930	9800	19660	57643.72	58259.38	21.4	-15.9	3.6	38	55	2.4	22.3	49.4	19.4	45	15	1.65	24.8	-10	7.6	64	29	2.17
134006	9800	19680	57656.15	58271.91	21.4	-14.5	5.1	33	56	2.35	22.3	49	21.3	89	27	1.6	24.8	-13	6.3	64	29	2.18
134038	9800	19700	57760.43	58396	21.4	-15.3	3.6	24	58	2.27	22.3	47.6	20.4	47	13	1.69	24.8	-15.7	5.8	65	29	2.21
134110	9800	19720	57758.47	58373.94	21.4	-15.1	4.6	35	54	2.32	22.3	51.7	16	115	37	2.06	24.8	-16.2	5.2	64	35	2.25
134150	9800	19740	57641.13	58256.17	21.4	-15.9	4.5	33	55	2.29	22.3	49.1	22.1	49	14	1.76	24.8	-12.8	7.8	70	26	2.31
134222	9800	19760	57695.49	58310.15	21.4	-17.4	3.5	24	57	2.21	22.3	49.7	21.4	47	15	1.71	24.8	-12.4	7.3	69	28	2.29
134258	9800	19780	57796.37	58410.86	21.4	-20.1	4.9	22	57	2.2	22.3	47.9	22.6	111	30	1.97	24.8	-11.4	6.5	64	33	2.24
134334	9800	19800	57995.19	58609.82	21.4	-19.7	3.7	24	56	2.2	22.3	48.9	22.6	48	14	1.74	24.8	-12	6	75	16	2.37
134406	9800	19820	57732.78	58346.78	21.4	-19.9	3.4	18	58	2.2	22.3	44.4	18.2	57	19	2.08	24.8	-13.3	5.1	72	20	2.32
134446	9800	19840	57511.95	58126.04	21.4	-18	5	28	56	2.25	22.3	51.3	22.7	60	17	2.14	24.8	-13.8	4.9	69	28	2.3
134526	9800	19860	57501.62	58115.34	21.4	-19	3.9	24	58	2.27	22.3	54.1	20	64	19	2.28	24.8	-12.4	3.7	71	26	2.33
134602	9800	19880	57476.49	58089.79	21.4	-20.1	3.7	16	61	2.27	22.3	48.9	19.6	56	19	2.04	24.8	-9.4	4.7	68	30	2.31
134638	9800	19900	57470.39	58083.49	21.4	-20.1	4.4	37	56	2.42	22.3	43.2	21.4	57	18	2.07	24.8	-6.2	5.7	73	23	2.36
134714	9800	19920	57510.81	58123.98	21.4	-20.2	4.8	40	56	2.48	22.3	55.7	21.5	52	15	1.86	24.8	-7.3	4.2	72	22	2.33
134746	9800	19940	57515.9	58129.27	21.4	-18.8	5.2	33	62	2.52	22.3	54.3	21.2	56	17	2	24.8	-8.2	2.4	78	0	2.4
134822	9800	19960	57563.71	58176.7	21.4	-16.7	5.2	36	62	2.58	22.3	55.6	22.7	52	17	1.89	24.8	-3.3	4.2	75	17	2.38
134854	9800	19980	57619.53	58232.39	21.4	-10.2	7.2	34	63	2.57	22.3	44.6	19.3	66	18	2.36	24.8	-1.9	4	65	30	2.21
134946	9800	20000	57553.02	58166.21	21.4	-5.9	8	41	62	2.68	22.3	51.7	23.5	59	19	2.15	24.8	0.2	7.3	67	23	2.18
135022	9800	20020	57731.85	58344.91	21.4	-4.9	7.9	38	65	2.69	22.3	52	23.4	61	18	2.18	24.8	-3.2	6.1	67	22	2.18
135114	9800	20040	57501.69	58114.43	21.4	0	7.4	60	51	2.83	22.3	46.1	22.3	59	18	2.1	24.8	-1.7	8.7	65	25	2.14

MAGNETOMETER AND VLF-EM RAW DATA FOR THE BENNETT GRID

Time	Grid Easting	Grid northing	Uncorrected mag data	Corrected mag data	VLF freq.#1	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#2	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#3	In-phase %	Out-of-phase	Horizontal-1	Horizontal-2	Tot. field strength (pT)
135150	9800	20060	57425.7	58038.48	21.4	-1.4	7.2	37	63	2.62	22.3	49.3	20.2	65	22	2.37	24.8	-4.4	8.2	62	23	2.06
135226	9800	20080	57431.92	58044.56	21.4	-1.2	8.8	20	66	2.47	22.3	50.9	19.9	61	25	2.25	24.8	-4.4	9.6	64	20	2.07
135634	9800	20160	57597.5	58210.21	21.4	-9.1	7.7	23	63	2.39	22.3	50.9	21.6	71	20	2.55	24.8	-8.3	8.8	88	14	2.13
140210	9800	20180	57631.08	58242.75	21.4	-9.4	7.3	26	61	2.38	22.3	44	19.1	110	36	3.99	24.8	-7.1	6.5	67	20	2.16
140250	9800	20200	57635.64	58247.43	21.4	-10.2	7.1	22	62	2.37	22.3	48.9	22.4	51	14	3.63	24.8	-5.4	4.4	69	17	2.2
140326	9800	20220	57597.48	58209.42	21.4	-11	9	22	62	2.35	22.3	47.7	21.5	52	17	3.75	24.8	-1.5	5.5	67	23	2.18
140358	9800	20240	57497.5	58109.43	21.4	-15.2	8	24	60	2.31	22.3	57.9	22.2	59	17	4.21	24.8	-1.9	6	60	29	2.06
140434	9800	20260	57418.22	58030.09	21.4	-14	7.8	34	56	2.36	22.3	59.5	18.9	60	23	4.44	24.8	-0.7	6.2	67	17	2.15
140514	9800	20280	57375.14	57986.66	21.4	-15.5	5.4	32	58	2.4	22.3	62.6	21.6	59	23	4.38	24.8	-3.2	7.4	80	22	1.99
140554	9800	20300	57373.75	57984.64	21.4	-12.5	6	32	59	2.42	22.3	54.8	19.1	61	24	4.54	24.8	-4.5	8	65	14	2.07
140706	9800	20320	57382.43	57993.04	21.4	-9.8	5.8	27	59	2.35	22.3	48.5	22.6	61	25	4.56	24.8	-5.1	9.4	58	23	1.95
140738	9800	20340	57394.11	58004.52	21.4	-8.5	4	20	61	2.3	22.3	57.1	23.5	63	23	4.63	24.8	-10.5	9.3	62	15	1.98
140810	9800	20360	57412.13	58022.16	21.4	-4.9	6.6	35	57	2.39	22.3	56	22	68	25	4.99	24.8	-16.2	7	62	19	2
140846	9800	20380	57441.55	58051.13	21.4	-3.9	5.6	28	59	2.33	22.3	58.3	21	72	24	5.22	24.8	-18.7	7	64	16	2.05
140922	9800	20400	57425.07	58034.43	21.4	-4	4.4	30	54	2.22	22.3	55.3	20	75	23	5.41	24.8	-19.4	7.3	67	17	2.14
140958	9800	20420	57402.97	58012.13	21.4	-3.8	4.1	19	57	2.15	22.3	55.3	20.2	75	30	5.55	24.8	-21.3	6.4	68	15	2.16
141034	9800	20440	57397.27	58006.51	21.4	-6.4	1.5	25	54	2.16	22.3	65.4	20	77	31	5.68	24.8	-17.2	7.2	69	18	2.2
141110	9800	20460	57387.17	57996.31	21.4	-8.5	0.3	26	55	2.18	22.3	61.2	19.3	83	30	6.11	24.8	-13	8.1	66	20	2.15
141146	9800	20480	57391.46	58000.44	21.4	-10.9	1.4	27	54	2.18	22.3	51.6	22	84	30	6.15	24.8	-13.6	6.8	69	11	2.15
141222	9800	20500	57340.28	57948.88	21.4	-10.9	2.8	25	55	2.16	22.3	61.9	18.6	86	29	6.26	24.8	-13.9	8.2	61	22	2.01
141258	9800	20520	57340.88	57949.12	21.4	-8.3	1.6	29	55	2.25	22.3	54	19	87	27	6.29	24.8	-22.3	3.7	65	-24	2.15
141334	9800	20540	57335.85	57943.86	21.4	-4.6	3.7	28	58	2.31	22.3	62.4	18.1	93	29	6.73	24.8	-23.2	4.2	68	-24	2.22
141414	9800	20560	57358.01	57965.84	21.4	-1.9	7.7	27	57	2.28	22.3	65.8	20.5	42	15	6.16	24.8	-21	3.9	76	-14	2.39
141450	9800	20580	57328.9	57936.91	21.4	-0.9	8.9	26	58	2.29	22.3	59.1	19.5	91	28	6.58	24.8	-17.6	6.6	73	-19	2.32
141526	9800	20600	57362.87	57970.66	21.4	-2.8	7.3	16	58	2.18	22.3	66.4	19.8	45	15	6.62	24.8	-14.6	8.4	75	-14	2.36
145146	9700	20000	58067.93	58669.12	21.4	-23.1	10.1	19	56	2.14	22.3	-62.2	-21.9	52	13	7.39	24.8	-15.1	7.6	73	-17	2.31
145114	9700	20020	58084.2	58685.36	21.4	-25.2	13.2	20	57	2.19	22.3	-61	-21.5	53	12	7.54	24.8	-14.7	5.7	71	-21	2.3
145042	9700	20040	58015.35	58616.61	21.4	-23.3	11	30	54	2.22	22.3	-61.8	-20.2	51	16	7.34	24.8	-14.8	6.9	70	-23	2.28
145010	9700	20060	58081.16	58682.71	21.4	-25.6	14.1	20	60	2.28	22.3	-65.7	-23.7	96	29	6.9	24.8	-11.3	7.4	73	-19	2.33
144938	9700	20080	57714.77	58316.71	21.4	-25.6	8.3	29	56	2.27	22.3	-60.6	-20.3	47	18	6.97	24.8	-10.2	9.6	70	-23	2.27
144906	9700	20100	57529.06	58131.39	21.4	-28.4	9	29	58	2.32	22.3	-70.8	-24	93	25	6.65	24.8	-11.1	9	67	-28	2.25
144834	9700	20120	57502.33	58104.52	21.4	-29.6	7.3	24	60	2.31	22.3	-71.6	-22.9	46	12	6.56	24.8	-10.5	9.2	68	-24	2.23
144802	9700	20140	57500.68	58102.95	21.4	-25.8	7.4	27	61	2.41	22.3	-67.1	-23.5	95	21	6.69	24.8	-10.7	10.7	67	-22	2.19
144730	9700	20160	57559.52	58162.21	21.4	-24.2	9.4	31	62	2.49	22.3	-63.6	-22.9	43	18	6.47	24.8	-8.7	12	64	-27	2.14
144658	9700	20180	57570.95	58173.98	21.4	-22.9	8	31	62	2.48	22.3	-67.8	-23.5	89	29	6.41	24.8	-10	11.7	68	-23	2.22
144630	9700	20200	57537.2	58140.12	21.4	-24.3	7.8	28	61	2.41	22.3	-64.4	-23.1	42	18	6.25	24.8	-12.1	11.7	64	-26	2.14
144558	9700	20220	57568.97	58172.21	21.4	-22.6	9.2	26	61	2.38	22.3	-73.9	-24	89	24	6.33	24.8	-16	11.8	66	-22	2.14
144526	9700	20240	57495.02	58098.46	21.4	-20.3	9.4	29	62	2.46	22.3	-71.2	-22.8	44	15	6.45	24.8	-19.9	12.3	65	-23	2.13
144454	9700	20260	57403.76	58007.3	21.4	-19.7	10.9	23	62	2.36	22.3	-64	-24.4	92	26	6.56	24.8	-21.2	13.6	62	-29	2.1
144426	9700	20280	57416.84	58019.82	21.4	-18.5	11.6	33	58	2.4	22.3	-68.4	-24.1	87	25	6.25	24.8	-21.4	12.8	64	-27	2.16
144358	9700	20300	57431.23	58033.96	21.4	-18	11.7	22	61	2.33	22.3	-67.5	-23.7	85	31	6.26	24.8	-24.8	10.9	66	-24	2.19
144326	9700	20320	57422.54	58025.48	21.4	-22.4	11	28	60	2.39	22.3	-60.9	-22.6	84	31	6.16	24.8	-22.3	8.9	75	-17	2.38
144250	9700	20340	57441.85	58044.96	21.4	-22.8	8.6	23	61	2.32	22.3	-52.7	-20.2	48	16	6.96	24.8	-17.7	10.6	72	-28	2.4
144218	9700	20360	57394.23	57997.5	21.4	-22.8	7.8	23	66	2.5	22.3	-50.1	-17.7	53	14	7.55	24.8	-16.8	12.1	71	-27	2.35
144146	9700	20380	57369.15	57972.65	21.4	-18.9	9.3	32	63	2.53	22.3	-41.3	-16.3	116	20	8.1	24.8	-10.9	11.5	77	-19	2.45
144026	9700	20400	57393.24	57996.27	21.4	-19.2	6.6	35	63	2.59	22.3	-77.9	-25.6	81	28	5.9	24.8	-9.4	11.2	77	-16	2.45
143958	9700	20420	57384.57	57987.87	21.4	-14.5	5.8	47	61	2.77	22.3	-88.5	-26.6	80	28	5.82	24.8	-10.5	10.8	73	-14	2.31
143926	9700	20440	57371.14	57974.07	21.4	-6.8	8.3	36	67	2.72	22.3	-79.5	-26.8	79	24	5.67	24.8	-13.2	8.8	75	-5	2.31
143854	9700	20460	57373.32	57976.28	21.4	0.1	10.2	37	66	2.73	22.3	-80.4	-26.7	82	28	5.95	24.8	-12.5	5.8	35	-6	2.22
143822	9700	20480	57381.45	57984.28	21.4	4.2	9.1	41	64	2.74	22.3	-80.3	-23.9	84	32	6.15	24.8	-16	5.3	18	-2	2.26
143750	9700	20500	57378.7	57981.46	21.4	7.8	9.9	40	60	2.58	22.3	-78.3	-25	85	30	6.17	24.8	-13.3	7.8	9	0	2.29
143718	9700	20520	57394.98	57997.83	21.4	7.8	9.7	36	59	2.47	22.3	-73.7	-23.3	44	14	6.39	24.8	-4	5.5	78	-5	2.42
143646	9700	20540	57368.08	57971.55	21.4	3.6	8.6	38	55	2.4	22.3	-74.7	-22.7	89	35	6.6	24.8	-4.4	4.2	74	-19	2.37
143614	9700	20560	57364.02	57967.42	21.4	-1.1	5.9	31	56	2.3	22.3	-76.4	-23.3	45	12	6.49	24.8	-4.2	4.8	76	-14	2.39
143538	9700	20580	57377.32	57980.77	21.4	-1.6	7.1	15	28	2.3	22.3	-74.6	-22.6	22	5	6.29	24.8	-2.8	6.2	75	-5	2.33
143446	9700	20600	57356.89	57960.74	21.4	-4.6	6.4	11	12	2.41	22.3	-69.2	-20.7	12	3	6.94	24.8	-0.8	5.9	72	-15	2.28
150234	9600	20000	57529.4	58135.32	21.4	-4.3	12	39	48	2.21	22.3	75.3	17	65	22	9.43	24.8	1.2	7.9	71	-21	2.28
150314	9600	20020	57896.02	58502	21.4	-4.2	11.7	51	105	2.09	22.3	64.1	16	64	13	9.06	24.8	2.2	9	68	-18	2.17
150350	9600	20040	58065.35	58670.88	21.4	-7	8.4	28	50	2.07	22.3	64.9	15.8	60	19	8.61	24.8	0.9	11.5	66	-17	2.11
150426	9600	20060	57881.21	58486.83	21.4	-8.6	10.6	36	45	2.07	22.3	78	16.7	63	20	9.07	24.8	-1	11.6	67	-14	2.12
150510	9600	20080	57997.13	58603.16	21.4	-10.4	8	59	98	2.04	22.3	62.9	17.3	61	18	8.76	24.8	-6.3	7.8	65	-16	2.06
150542	9600	20100	58046.55	58653.18	21.4	-9.5	8.4	20	51	1.98	22.3	63.6	14.2	61	17	8.7	24.8	-11	4.7	66	-12	2.07
150614	9600	20120	58168.06	58774.79	21.4	-11.3	8.6	22	51	2	22.3	56.1	12.7	62	17	8.86	24.8	-13.6	5	67	-10	2.1
150650	9600	20140	57679.68	58286.43	21.4	-10.5	8.7	25	50	2.02	22.3	60.4	13.5	60	28	9.09	24.8	-12.5	7.3	69	-8	2.15
150722	9600	20160	57495.03	58101.7	21.4	-13.4	9.7	28	46	1.94	22.3	75.7	14.6	62	21	9.07	24.8	-15.6	5.7	60	-21	1.97
150806	9600	20180	58063.34	58669.44	21.4	-20.1	2.2	40	98	1.89	22.3	62	15.2	60	17	8.56	24.8	-17.3	6.4	66	-12	2.08

MAGNETOMETER AND VLF-EM RAW DATA FOR THE BENNETT GRID

Time	Grid Easting	Grid northing	Uncorrected mag data	Corrected mag data	VLF freq #1	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq #2	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq #3	In-phase %	Out-of-phase	Horizontal-1	Horizontal-2	Tot. field strength (pT)
150842	9600	20200	57524.71	58130.49	21.4	-20.2	3	30	47	2.01	22.3	67.6	14.3	62	13	8.72	24.8	-16.9	8.3	66	-14	2.08
150926	9600	20220	57459.89	58065.46	21.4	-19	3.7	65	92	2.02	22.3	68.1	12.4	62	17	8.91	24.8	-18.7	9.9	67	-18	2.14
151002	9600	20240	57508.78	58114.22	21.4	-20.4	3.3	31	47	2.03	22.3	63.7	13.9	61	17	8.8	24.8	-19.9	10.8	66	-17	2.12
151038	9600	20260	57440.31	58045.83	21.4	-23.8	0.5	40	104	1.99	22.3	65.8	15.4	62	16	8.78	24.8	-20.9	11	67	-17	2.14
151110	9600	20280	57443.75	58049.17	21.4	-22.3	-0.1	32	48	2.08	22.3	69	16.3	61	22	8.97	24.8	-24.4	12.8	67	-15	2.12
151142	9600	20300	57469.13	58074.57	21.4	-20.4	3.5	32	50	2.12	22.3	67.7	14.5	64	20	9.29	24.8	-24.8	15.3	67	-15	2.13
151218	9600	20320	57431.6	58036.92	21.4	-21	2.7	27	52	2.12	22.3	63.3	14.6	60	20	8.71	24.8	-28.3	14.6	61	-27	2.05
151250	9600	20340	57450.52	58055.8	21.4	-19.9	4.6	28	52	2.13	22.3	64.3	16.4	62	19	8.94	24.8	-31.6	15.4	64	-23	2.12
151322	9600	20360	57462.98	58068.25	21.4	-22.6	3	25	54	2.13	22.3	68.6	15	62	21	8.97	24.8	-35	15.4	67	-19	2.15
151354	9600	20380	57474.24	58079.46	21.4	-23.1	2.7	31	52	2.18	22.3	69.1	15.2	63	17	8.98	24.8	-39.3	13.8	69	-17	2.21
151426	9600	20400	57438.64	58043.99	21.4	-20.9	6	32	53	2.22	22.3	61.6	16.2	60	23	8.89	24.8	-42.6	14.1	69	-20	2.2
151458	9600	20420	57462.53	58067.88	21.4	-22.1	4.9	17	59	2.19	22.3	65.4	15.3	63	21	9.21	24.8	-38.1	12.4	76	-20	2.43
151530	9600	20440	57409.71	58015.04	21.4	-20.8	5.7	23	57	2.21	22.3	69.1	14.8	62	19	8.93	24.8	-32.2	9.8	79	-29	2.6
151606	9600	20460	57389.74	57995.26	21.4	-20	4.5	24	57	2.23	22.3	68.4	15.6	66	19	9.51	24.8	-30.9	6.6	84	-21	2.67
151642	9600	20480	57383.04	57988.92	21.4	-20.7	7.1	31	56	2.29	22.3	56.7	15.7	66	18	9.4	24.8	-20.4	3.2	86	-19	2.73
151718	9600	20500	57379.68	57985.8	21.4	-19.3	9.4	26	57	2.25	22.3	69.9	15.3	65	19	9.33	24.8	-15.2	0.4	86	-14	2.69
151754	9600	20520	57391.59	57997.63	21.4	-21.2	7.5	27	57	2.25	22.3	71.5	17.6	62	19	8.95	24.8	-3.6	9	89	-14	2.77
151834	9600	20540	57382.61	57988.42	21.4	-17	5.9	23	61	2.32	22.3	59.7	16.1	67	17	9.54	24.8	-1.7	8.5	85	-17	2.67
151906	9600	20560	57374.46	57980.57	21.4	-16.7	7.5	26	58	2.29	22.3	63	16.7	66	16	9.39	24.8	-1.8	9.7	86	-9	2.68
151942	9600	20580	57359.37	57966	21.4	-12.5	0.1	29	61	2.43	22.3	58.4	16.1	61	24	9.09	24.8	-0.5	9.7	84	-12	2.62
152022	9600	20600	57370.77	57977.66	21.4	-7.9	1.8	32	59	2.42	22.3	66.8	16.7	64	14	9.08	24.8	2.7	11.9	85	-6	2.63
154002	9500	20000	57576.14	58175.08	21.4	1.9	15.9	42	54	2.45	22.3	-77	-24.8	62	22	4.54	24.8	6.8	15	79	-15	2.48
153930	9500	20020	57706.66	58305.73	21.4	3.2	17	37	54	2.35	22.3	-78.8	-24.7	62	23	4.54	24.8	7	13.4	76	-23	2.45
153858	9500	20040	57626.68	58226.35	21.4	3.1	17.4	42	53	2.41	22.3	-81.2	-26.6	64	20	4.64	24.8	8.9	18.7	74	-10	2.31
153826	9500	20060	57516.47	58117	21.4	5	17.1	36	53	2.31	22.3	-77.5	-25.7	71	21	5.07	24.8	4.9	17.6	71	-14	2.22
153754	9500	20080	57547.29	58147.81	21.4	7.3	16.9	43	50	2.36	22.3	-76.4	-25.8	73	19	5.23	24.8	2	15.5	67	-17	2.15
153718	9500	20100	57747.68	58348.42	21.4	6.1	17.9	34	52	2.25	22.3	-69.5	-22.9	83	22	5.91	24.8	-1.2	15	68	-20	2.19
153642	9500	20120	57578.06	58178.8	21.4	6.3	19.2	22	56	2.17	22.3	-66.1	-23.7	80	26	5.77	24.8	-3.6	13.8	68	-14	2.14
153538	9500	20140	57991.85	58593.45	21.4	9	18	32	49	2.21	22.3	-73.4	-24.6	41	13	5.9	24.8	-5.7	11.4	67	-21	2.17
153538	9500	20160	57838.3	58440.21	21.4	7.2	20	30	51	2.14	22.3	-66.6	-24.9	88	24	6.31	24.8	-6.1	14.6	68	-13	2.14
153502	9500	20180	57861.37	58463.07	21.4	4.4	17	27	52	2.12	22.3	-65.8	-25	86	26	6.19	24.8	-10.4	14	69	-16	2.18
153430	9500	20200	57785.88	58387.66	21.4	2	16.4	22	53	2.05	22.3	-73.1	-23.9	46	12	6.56	24.8	-11.4	13.4	64	-18	2.07
153354	9500	20220	57974.39	58575.49	21.4	2.5	15	29	50	2.08	22.3	-74.8	-21.8	49	13	7.06	24.8	-14.3	15.2	66	-16	2.11
153322	9500	20240	58363.42	58965.42	21.4	0	13.2	23	52	2.05	22.3	-71.8	-22.2	50	13	7.13	24.8	-16.7	13.2	63	-21	2.06
153250	9500	20260	58049.66	58651.59	21.4	-1.5	10.8	25	51	2.04	22.3	-75.4	-21.5	53	16	7.68	24.8	-21.1	15.4	58	-24	1.95
153218	9500	20280	57805.06	58407.13	21.4	-0.9	11.8	23	52	2.05	22.3	-76.1	-21.6	53	17	7.62	24.8	-27.5	13.4	64	-21	2.09
153146	9500	20300	57436.24	58038.95	21.4	-5.6	13.4	21	53	2.05	22.3	-67.9	-21.6	55	17	7.95	24.8	-32.3	13	63	-23	2.07
153114	9500	20320	57430.91	58033.87	21.4	-3.3	9.6	24	51	2.04	22.3	-74.7	-20.6	55	18	7.98	24.8	-30.8	14.6	69	-19	2.21
153042	9500	20340	57435.27	58038.24	21.4	-4.8	9.5	23	52	2.05	22.3	-72.9	-19.2	59	10	8.28	24.8	-27.9	19.1	70	-17	2.23
153010	9500	20360	57456.75	58059.83	21.4	-6.5	9.5	14	54	2.01	22.3	-73.9	-19.2	58	18	8.41	24.8	-32.8	22.5	67	-14	2.11
152934	9500	20380	57382.3	57986.33	21.4	-7.5	7.1	20	52	1.99	22.3	-74	-19.8	59	15	8.36	24.8	-39.3	20.2	69	-17	2.19
152902	9500	20400	57379	57983.54	21.4	-8.7	11.3	19	53	2.03	22.3	-74.6	-18.1	65	12	9.08	24.8	-41.3	21.5	68	-15	2.16
152830	9500	20420	57429.35	58034.3	21.4	-4.1	12.3	21	54	2.08	22.3	-74.3	-19.6	60	16	8.57	24.8	-37.7	16.6	75	-13	2.36
152758	9500	20440	57429.84	58034.63	21.4	2.2	16.2	24	53	2.09	22.3	-75.4	-18.9	62	13	8.69	24.8	-33.3	16.4	78	-11	2.43
152726	9500	20460	57434.24	58039.04	21.4	2.2	22.7	26	53	2.13	22.3	-70.4	-18	64	19	9.22	24.8	-31.5	13.5	81	-14	2.55
152654	9500	20480	57417.09	58021.87	21.4	3.9	24.7	22	55	2.11	22.3	-72.6	-17.9	63	18	9	24.8	-27.5	12.6	80	-10	2.51
152622	9500	20500	57416.78	58021.58	21.4	4.5	23.8	19	58	2.19	22.3	-66	-18.3	64	17	9.06	24.8	-27.6	7.4	79	-16	2.5
152550	9500	20520	57387.63	57992.77	21.4	-0.2	19.5	10	59	2.17	22.3	-73.8	-18	65	18	9.25	24.8	-15.4	1.5	45	-6	2.79
152518	9500	20540	57349.26	57954.72	21.4	-8.4	14.1	20	59	2.24	22.3	-73.9	-16.1	67	17	9.57	24.8	-11.8	1.8	86	-23	2.76
152446	9500	20560	57379.47	57985.05	21.4	-8	16.4	19	60	2.26	22.3	-68.6	-16.8	66	20	9.56	24.8	-10.1	2.4	76	-40	2.67
152410	9500	20580	57380.75	57986.4	21.4	-11.6	14.2	24	60	2.31	22.3	-65.5	-13.3	74	18	10.5	24.8	-9.5	1.8	85	-27	2.74
152234	9500	20600	57389.42	57995.39	21.4	-16.8	9.9	19	63	2.35	22.3	-69.6	-17	61	18	8.71	24.8	-5.7	4.5	84	-28	2.73
154226	9400	20000	57715.78	58313.28	21.4	-9.4	2.6	46	57	2.62	22.3	64.3	24	59	19	4.3	24.8	-3.4	4.6	81	-34	2.7
154302	9400	20020	57642.18	58240.54	21.4	-6.7	2.9	34	62	2.53	22.3	72.6	28.1	56	17	4.07	24.8	0.2	8.9	82	-28	2.68
154342	9400	20040	58043.08	58642.34	21.4	-8.1	3.2	12	67	2.44	22.3	75.1	25.8	55	17	3.99	24.8	2.2	8.6	81	-24	2.61
154414	9400	20060	57684.92	58582.92	21.4	-7.9	0	29	64	2.52	22.3	71.1	27.9	53	13	3.8	24.8	5	11.9	80	-22	2.57
154450	9400	20080	57620.6	58218.37	21.4	-5.1	1.5	27	67	2.6	22.3	60.6	26.7	56	15	3.98	24.8	5.1	12.4	78	-23	2.5
154522	9400	20100	57593.25	58190.91	21.4	-1.6	3.6	26	66	2.54	22.3	63.3	27.3	54	16	3.86	24.8	5.1	14.9	76	-21	2.44
154554	9400	20120	57596.9	58195.16	21.4	1.1	3.6	26	65	2.52	22.3	68.3	28.9	50	17	3.67	24.8	3	13.9	72	-24	2.43
154626	9400	20140	57727.12	58325.42	21.4	3.5	4.4	33	63	2.56	22.3	55	27.8	52	18	3.8	24.8	3.4	13.4	75	-15	2.37
154702	9400	20160	58249.48	58847.17	21.4	5.6	4.2	30	63	2.5	22.3	66.7	27.8	51	16	3.68	24.8	1.7	13.2	67	-28	2.25
154738	9400	20180	58203.44	58801.53	21.4	7.5	4	31	63	2.52	22.3	63	26.3	53	14	3.76	24.8	0.5	13	74	-18	2.36
154814	9400	20200	58043.72	58641.94	21.4	6.4	5.7	30	63	2.5	22.3	71.6	27	55	15	3.95	24.8	-2.9	14.2	73	-12	2.29
154850	9400	20220	57757.48	58355.75	21.4	9.7	5.7	23	64	2.45	22.3	58	24.3	62	18	4.47	24.8	-4.5	13.2	69	-22	2.24
154922	9400	20240	57352.02	57949.31	21.4	12.7	6.8	37	59	2.5	22.3	64.9	25.4	60	22	4.38	24.8	-8.7	11.6	70	-18	2.23
154958	9400	20260	57531.94	58129.32	21.4	13	8.7	22	63	2.38	22.3	67.8	26.9	58	15	4.15	24.8	-11.7	12.7	70	-16	2.22

MAGNETOMETER AND VLF-EM RAW DATA FOR THE BENNETT GRID

Time	Grid Easting	Grid northing	Uncorrected mag data	Corrected mag data	VLF freq.#1	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#2	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#3	In-phase %	Out-of-phase	Horizontal-1	Horizontal-2	Tot. field strength (pT)
155034	9400	20280	57558.15	58156.1	21.4	14.1	7.4	29	58	2.34	22.3	63.7	26.4	62	20	4.5	24.8	-15.8	11.3	71	-12	2.22
155110	9400	20300	57499.74	58097.77	21.4	11.6	8.3	34	58	2.4	22.3	71.8	25.1	65	20	4.69	24.8	-17.5	10.4	74	-11	2.3
155146	9400	20320	57601.25	58198.98	21.4	14	6.9	21	62	2.33	22.3	60.1	28.5	59	23	4.39	24.8	-16.9	10.3	77	-10	2.4
155218	9400	20340	57477.4	58074.84	21.4	12.9	7.4	24	60	2.33	22.3	66.1	26.7	66	20	4.74	24.8	-18.5	9	75	-12	2.35
155250	9400	20360	57374.9	57972.88	21.4	11.6	8.4	24	62	2.39	22.3	64.9	26.3	64	22	4.68	24.8	-20.1	10.1	75	-10	2.32
155326	9400	20380	57402.2	58000.14	21.4	9.1	5.1	25	60	2.33	22.3	70.8	27.7	67	23	4.92	24.8	-23	7.8	75	1	2.33
155402	9400	20400	57426.1	58023.93	21.4	8.7	4.6	22	60	2.29	22.3	66.1	28.5	64	26	4.75	24.8	-26.8	4.1	77	-10	2.39
155434	9400	20420	57420.4	58017.86	21.4	2.7	3.4	22	60	2.29	22.3	67.3	26.5	72	21	5.19	24.8	-24.1	4.5	85	-8	2.64
155506	9400	20440	57419.87	58017.14	21.4	-0.1	-0.7	17	59	2.21	22.3	62.2	26.6	71	21	5.09	24.8	-15.5	7.1	88	-11	2.75
155546	9400	20460	57393.63	57991.15	21.4	-4.3	-0.8	20	58	2.21	22.3	59.9	26.4	74	28	5.42	24.8	-9.6	4.1	41	-2	2.53
155622	9400	20480	57428.06	58025.73	21.4	-7.5	-1.9	30	53	2.18	22.3	66.1	25.3	80	25	5.78	24.8	-11.7	2.6	81	1	2.49
155706	9400	20500	57415.75	58012.82	21.4	-14.6	-3.9	17	57	2.14	22.3	60.8	25.9	80	24	5.77	24.8	-14.2	-0.4	78	13	2.44
155742	9400	20520	57398	57994.75	21.4	-14.9	-1.5	20	56	2.12	22.3	61.7	23.9	85	18	5.98						
155818	9400	20540	57416.09	58012.4	21.4	-13.8	-1.6	17	55	2.07	22.3	67.2	25.9	81	23	5.79						
155858	9400	20560	57399.91	57995.54	21.4	-14.2	-1.8	22	53	2.06	22.3	67.3	25	85	20	5.99						
155938	9400	20580	57411.29	58006.71	21.4	-16.7	0.8	25	52	2.07	22.3	67.3	23.6	89	29	6.46						
160018	9400	20600	57429.34	58024.92	21.4	-18.9	0.7	31	49	2.09	22.3	59.1	23.2	45	16	6.66						

MAGNETOMETER AND VLF-EM RAW DATA FOR THE CAMP GRID

Time	Grid Northing	Grid Easting	Uncorrected mag data	Corrected mag data	VLF freq.#1	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field Strength (pT)	VLF freq.#2	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#3	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)
154554	39700	29900	57536.53	58126.3	21.4	17.4	0	17	2	2.53	22.3	70.5	22.2	9	1	1.27	24.8	-12.8	11.6	7	13	1.83
154706	39700	29920	57645.59	58235.37	21.4	18.1	3.6	33	10	2.47	22.3	66.9	28.3	17	5	1.25	24.8	-10.1	17.3	19	23	1.88
154738	39700	29940	57668.32	58258.15	21.4	16.7	2.7	63	16	2.34	22.3	60.4	31.7	33	9	1.19	24.8	-11.5	21	35	49	1.87
154814	39700	29960	57644.77	58234.89	21.4	16.4	2.8	65	19	2.45	22.3	61.8	33.4	67	20	1.21	24.8	-13.9	12.4	36	49	1.89
154850	39700	29980	57655.01	58245.52	21.4	13.8	0.8	66	15	2.42	22.3	66.6	30.6	70	23	1.27	24.8	-11	8.5	35	50	1.91
154930	39700	30000	57541.69	58132.57	21.4	9.5	-0.8	70	9	2.52	22.3	72.1	30.3	73	21	1.3	24.8	-6.3	2.3	32	53	1.93
155026	39700	30020	57539.84	58132.02	21.4	7.3	-2.2	71	13	2.57	22.3	53.8	30.6	86	22	1.53	24.8	-5.5	11.9	37	49	1.91
155102	39700	30040	57467.9	58061.11	21.4	8.4	-5.6	76	10	2.76	22.3	57.9	30.1	93	25	1.66	24.8	-4.4	8.8	38	53	2.02
155134	39700	30060	57500.57	58094.14	21.4	21.8	-0.5	84	6	3.01	22.3	58.2	31.8	46	14	1.65	24.8	-13.9	16.2	39	55	2.09
155206	39700	30080	57504.22	58098.77	21.4	37.5	4.6	71	12	2.59	22.3	60.8	33.3	92	27	1.64	24.8	-23.3	23.8	40	54	2.08
155242	39700	30100	57640.4	58235.57	21.4	37.9	1.5	66	7	2.37	22.3	56	28	55	17	1.99	24.8	-21.5	20.6	30	57	1.99
155314	39700	30120	57698.81	58294.02	21.4	35.2	-0.2	62	12	2.27	22.3	59.4	31.6	56	18	2.04	24.8	-18	21	35	54	1.99
155342	39700	30140	57593.1	58188.21	21.4	34	-1.7	59	12	2.17	22.3	52.1	32.2	59	18	2.12	24.8	-18.6	20.5	36	55	2.04
155410	39700	30160	57653.95	58249.3	21.4	30	-4.1	61	10	2.21	22.3	57.8	29.7	68	23	2.48	24.8	-17.1	16.5	35	56	2.05
155442	39700	30180	57650.78	58246.3	21.4	29.2	-5.2	62	10	2.25	22.3	64.6	31.7	73	25	2.65	24.8	-15	13.9	34	57	2.06
155522	39700	30200	57683.55	58279.72	21.4	32	-0.7	64	9	2.31	22.3	70.3	27.3	85	27	3.08	24.8	-19	7.8	38	59	2.15
155554	39700	30220	57582.29	58178.49	21.4	31.5	-2.6	57	14	2.1	22.3	71.1	29.1	91	23	3.23	24.8	-18.8	8.4	40	57	2.15
155626	39700	30240	57630.7	58227.75	21.4	29.9	-1.4	58	5	2.09	22.3	68.9	30.1	49	14	3.51	24.8	-17.7	8.3	30	60	2.07
155658	39700	30260	57752.13	58349.86	21.4	27.7	-0.3	57	9	2.07	22.3	67.8	28.4	51	16	3.66	24.8	-15.8	6.6	34	59	2.11
155730	39700	30280	57794.94	58393.23	21.4	27.5	0	57	10	2.07	22.3	73.8	29.3	55	18	3.99	24.8	-13.2	4.1	40	57	2.15
155802	39700	30300	57684.82	58282.98	21.4	22	-2.3	56	6	2.02	22.3	66.1	25.7	56	20	4.12	24.8	-9.4	1.8	33	64	2.23
155834	39700	30320	57497.28	58095.78	21.4	19.5	-1.6	57	9	2.06	22.3	69	27.3	61	18	4.4	24.8	-9.7	3.7	40	62	2.29
155902	39700	30340	57532.88	58131.68	21.4	20.4	-1.1	56	7	2.02	22.3	68.3	26.7	62	20	4.53	24.8	-12.9	2.8	40	66	2.37
155934	39700	30360	57555.37	58154.16	21.4	19.5	1.7	57	5	2.07	22.3	68.9	25.8	66	22	4.83	24.8	-15.7	1.6	35	69	2.4
160006	39700	30380	57625.56	58224.87	21.4	21.8	4.3	57	6	2.05	22.3	64.1	26	69	22	4.97	24.8	-15.5	3.5	34	67	2.33
160058	39700	30400	57548.95	58148.68	21.4	19.9	3.5	56	1	2.02	22.3	65.2	23.7	76	21	5.41	24.8	-16.9	2.7	30	68	2.3
162014	39600	29900	57558	58153.61	21.4	12.5	3.8	61	14	2.24	22.3	-69.5	-23.2	50	17	1.82	24.8	-20.1	20	33	50	1.86
161934	39600	29920	57807.84	58404.35	21.4	12	0.1	62	13	2.27	22.3	-57.5	-24.5	51	15	1.83	24.8	-16.8	13.9	31	50	1.82
161902	39600	29940	57605.19	58201.52	21.4	7.8	0.6	62	15	2.29	22.3	-59.7	-23.8	53	18	1.93	24.8	-11.3	15.2	34	48	1.83
161822	39600	29960	57527.6	58124.08	21.4	5.2	-1.8	64	13	2.35	22.3	-48.9	-24	65	19	2.34	24.8	-8.1	9.9	34	50	1.86
161746	39600	29980	57545.53	58142.65	21.4	1.2	-6.2	65	8	2.37	22.3	-63	-25.6	56	20	2.05	24.8	-2.2	11.2	28	57	1.97
161710	39600	30000	57536.37	58134.53	21.4	-0.7	-9.7	70	11	2.56	22.3	-54	-25.3	67	24	2.46	24.8	-0.3	8.5	36	56	2.06
161634	39600	30020	57540.56	58139.06	21.4	3.7	-8.9	80	7	2.88	22.3	-53.8	-23.8	69	27	2.55	24.8	-4.8	7.1	38	58	2.14
161558	39600	30040	57598.88	58197.43	21.4	20.7	-0.7	77	12	2.78	22.3	-59.4	-27.6	75	23	2.7	24.8	-19.4	10.8	47	58	2.31
161514	39600	30060	57988.05	58586.76	21.4	25.3	-4.7	71	-3	2.53	22.3	-60.8	-27.6	40	13	2.9	24.8	-25.8	10.5	24	67	2.19
161254	39600	30080	57547.49	58146.47	21.4	22	-3.9	67	9	2.42	22.3	-64.2	-24	60	21	4.42	24.8	-20.8	15.4	37	59	2.15
161218	39600	30100	57631.92	58230.85	21.4	22.7	-3.7	67	4	2.4	22.3	-66.2	-23.1	60	23	4.4	24.8	-26.1	14	29	63	2.14
161142	39600	30120	57642.22	58241.25	21.4	21.1	-2.5	64	7	2.3	22.3	-69.7	-23.8	61	24	4.54	24.8	-22.5	19.9	34	59	2.1
161102	39600	30140	57616.3	58215.07	21.4	19.5	-6.6	60	10	2.17	22.3	-69.8	-22.1	59	28	4.47	24.8	-19.7	22.6	37	55	2.05
161026	39600	30160	57590.15	58189.03	21.4	17.3	-6.3	62	5	2.25	22.3	-61.2	-19.8	61	21	4.48	24.8	-16.6	13.4	37	60	2.18
160950	39600	30180	57673.16	58272.11	21.4	18.5	-4.1	61	3	2.18	22.3	-66.3	-25	62	21	4.52	24.8	-18.4	16.9	28	66	2.23
160914	39600	30200	57703.84	58302.13	21.4	19.8	-1.4	58	9	2.11	22.3	-62.5	-21.6	66	22	4.8	24.8	-19.4	13.6	37	59	2.17
160838	39600	30220	57642.27	58239.9	21.4	21.9	-0.8	58	5	2.1	22.3	-58.8	-22	61	22	4.46	24.8	-20.6	15	32	62	2.16
160802	39600	30240	57666.26	58263.71	21.4	19.6	1.8	55	11	2.03	22.3	-67.6	-21.4	65	25	4.83	24.8	-18.8	14.9	39	56	2.12
160726	39600	30260	57657.86	58255.45	21.4	21.4	1.3	54	8	1.97	22.3	-64.2	-24	66	22	4.8	24.8	-14.9	13.5	31	62	2.14
160646	39600	30280	57688.96	58286.38	21.4	16.5	0	55	8	2	22.3	-63.8	-23.2	70	23	5.05	24.8	-11.2	11	33	64	2.24
160610	39600	30300	57696.56	58294.19	21.4	14.9	-0.3	56	2	2.01	22.3	-61.7	-22.8	67	23	4.89	24.8	-13.8	10	28	66	2.23
160526	39600	30320	57424.96	58022.59	21.4	11.1	3.2	54	8	1.96	22.3	-68.9	-26.8	60	21	4.41	24.8	-13.5	9.5	36	63	2.23
160450	39600	30340	57747.51	58345.13	21.4	12.4	2.4	54	9	1.96	22.3	-59.8	-27.7	57	20	4.19	24.8	-12.5	6.3	41	61	2.28
160414	39600	30360	57678.4	58275.76	21.4	11.1	2.3	55	8	1.99	22.3	-61.4	-24	62	22	4.51	24.8	-11.1	3.8	41	66	2.42
160334	39600	30380	57628.3	58226.01	21.4	8.9	4.6	55	8	2	22.3	-65.4	-23.5	66	21	4.79	24.8	-12.1	5.6	42	65	2.4
160250	39600	30400	57603.53	58202.69	21.4	8.8	4	51	16	1.93	22.3	-58	-19.9	71	22	5.11	24.8	-14.9	3.8	60	55	2.54
162226	39500	29900	57505.59	58100.25	21.4	13.3	-6.7	63	2	2.25	22.3	49	21.5	44	8	1.54	24.8	-21.5	25.4	14	53	1.7
162302	39500	29920	57542.06	58135.91	21.4	7.2	-9.4	63	10	2.28	22.3	46	17.9	93	29	1.67	24.8	-9.2	21.9	28	54	1.9
162334	39500	29940	57501.1	58094.03	21.4	9.2	-10	65	12	2.36	22.3	51.9	26.4	41	12	1.49	24.8	-13.7	17.6	30	55	1.94
162406	39500	29960	57484.52	58076.86	21.4	6.8	-10.8	65	14	2.4	22.3	51.4	25.9	87	25	1.56	24.8	-7.4	15	30	55	1.95
162442	39500	29980	57519.09	58111.15	21.4	5.1	-13.7	70	17	2.58	22.3	59.7	27.4	79	24	1.41	24.8	-2.6	13	34	56	2.01
162518	39500	30000	57450.93	58042.59	21.4	19	-7.5	76	19	2.79	22.3	59.3	25.8	74	19	1.3	24.8	-4.8	16.4	39	57	2.14
162554	39500	30020	57455.17	58046.56	21.4	38.7	1.9	67	14	2.47	22.3	57.3	26	75	23	1.36	24.8	-11.2	17.4	38	59	2.17
162630	39500	30040	57477.65	58068.74	21.4	36.4	-0.9	59	17	2.19	22.3	62.8	25.5	72	21	1.28	24.8	-10.7	14.2	42	58	2.22
162702	39500	30060	57526.84	58117.75	21.4	33.9	-2.5	59	9	2.14	22.3	62.9	23.9	70	19	1.25	24.8	-11	11.8	35	63	2.23
162734	39500	30080	57566.79	58157.11	21.4	30.3	-6.9	54	12	2	22.3	63.3	26	72	23	1.29	24.8	-13.8	15.7	41	63	2.32
162810	39500	30100	57529.01	58119.01	21.4	28.6	-5.5	56	12	2.04	22.3	62.2	24.9	69	20	1.24	24.8	-17	12.8	43	61	2.32
162846	39500	30120	57731.88	58321.92	21.4	27.7	-4.5	55	8	2.01	22.3	54.4	23.2	74	22	1.33	24.8	-22.8	8.1	37	65	2.32
162930	39500	30140	57584.1	58174.14	21.4	29.7	-4.1	53	17	1.99	22.3	56.4	23.2	78	21	1.39	24.8	-26.9	12.3	43	55	2.16
163006	39500	30160	57685.91	58276.04	21.4	26.9	-2.6	54	10	1.96	22.3	61.6	26.6	73	19	1.29	24.8	-28.6	11	34	60	2.15
163042	39500	30180	57477.16	58067.37	21.4	25.7	-3.1	53	11	1.94	22.3	66.1	27.2	66	24	1.21	24.8	-20.9	16.7	37	57	2.11
163114	39500	30200	57517.29	58107.24	21.4	24.2	-0.7	55	8	1.99	22.3	79.2	26.6	81	24	1.45	24.8	-21.7	14.8	35	60	2.15
163154	39500	30220	57576.08	58165.74	21.4	26.2	1.1	55	10	2.02	22.3	73.3	27.6	87	23	1.21	24.8	-20.4	13.4	41	61	2.27
163226	39500	30240	57631.42	58220.51	21.4	24.2	-0.7	51	9	1.84	22.3	58.9	26.1	71	22	1.28	24.8	-23.7	14.8	33	62	2.17

MAGNETOMETER AND VLF-EM RAW DATA FOR THE CAMP GRID

Time	Grid Northing	Grid Easting	Uncorrected mag data	Corrected mag data	VLF freq #1	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field Strength (pT)	VLF freq.#2	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)	VLF freq.#3	In-phase %	Out-of-phase %	Horizontal-1	Horizontal-2	Tot. field strength (pT)
163302	39500	30260	57660.79	58249.1	21.4	23.7	0.1	53	9	1.93	22.3	62.2	25	65	19	1.16	24.8	-24.9	13.9	32	61	2.12
163334	39500	30280	57965.34	58553.61	21.4	22.6	-0.1	52	9	1.89	22.3	60.1	24.4	73	25	1.33	24.8	-22	12.9	28	64	2.16
163410	39500	30300	57816.33	58404.3	21.4	19.2	0.6	52	9	1.89	22.3	69.8	26.8	72	19	1.28	24.8	-17.6	10.8	33	60	2.13
163722	39500	30320	57680.71	58268.23	21.4	16.1	3.4	52	10	1.89	22.3	57.8	24	71	20	1.27	24.8	-13.5	15.9	36	64	2.26
163806	39500	30340	57603.69	58190.74	21.4	15.8	3.9	51	13	1.9	22.3	60.8	23.8	74	19	1.31	24.8	-13.6	11.9	39	60	2.21
163842	39500	30360	57768.2	58354.57	21.4	14.7	6.5	51	5	1.84	22.3	54	20.5	71	19	1.26	24.8	-14.8	8.9	28	67	2.25
163918	39500	30380	57931.73	58518.09	21.4	14.4	4.6	51	8	1.84	22.3	57.3	23.4	73	19	1.29	24.8	-15.7	7.4	35	64	2.27
163958	39500	30400	57417.45	58004.23	21.4	11.4	3.2	51	7	1.84	22.3	50.4	20.5	75	21	1.34	24.8	-15.1	6.4	34	68	2.36
170054	39400	29900	57491.63	58071.87	21.4	19.7	-5.4	61	14	2.24	22.3	-52.1	-24	63	15	1.12	24.8	-36.4	10.4	30	56	1.97
170018	39400	29920	57513.56	58093.77	21.4	17.7	-6.8	56	21	2.16	22.3	-60.6	-23.9	61	17	1.09	24.8	-24.1	14	70	103	1.92
165942	39400	29940	57488.5	58068.88	21.4	13.2	-11.5	58	24	2.25	22.3	-51.9	-24.9	57	14	1	24.8	-9.8	12.9	32	47	1.75
165906	39400	29960	57513.49	58093.96	21.4	13.1	-10.8	64	21	2.41	22.3	-60.7	-27.3	59	15	1.04	24.8	-0.7	17.6	32	53	1.92
165830	39400	29980	57527.14	58107.74	21.4	25.1	-2.8	64	16	2.38	22.3	-66.6	-22	59	15	1.04	24.8	4.2	20.1	32	56	1.99
165750	39400	30000	57476.73	58057.74	21.4	28.2	0.2	59	16	2.2	22.3	-57.4	-21.4	56	16	0.99	24.8	8.5	16.1	42	59	2.23
165714	39400	30020	57470.58	58051.88	21.4	27.7	-0.5	56	14	2.07	22.3	-63.2	-23.1	67	18	1.19	24.8	-3.9	12.2	41	62	2.29
165630	39400	30040	57377.62	57959.23	21.4	20.8	-4.9	59	5	2.11	22.3	-60.4	-22	63	19	1.14	24.8	-6.8	8.3	32	66	2.28
165550	39400	30060	57358.35	57940.61	21.4	21.6	-2	53	13	1.98	22.3	-64.5	-22.9	59	19	1.06	24.8	-8.7	7.2	45	61	2.34
165506	39400	30080	57426.19	58008.2	21.4	21.7	1.7	49	22	1.92	22.3	-59.4	-22.7	68	18	1.2	24.8	-9.7	6.1	56	52	2.37
165422	39400	30100	57437.08	58018.69	21.4	15.5	-1.2	54	13	1.98	22.3	-69.5	-22.6	68	21	1.22	24.8	-11.5	8	51	60	2.43
165342	39400	30120	57623.76	58205.17	21.4	18.9	-1.8	54	12	1.97	22.3	-62.1	-22.8	65	20	1.17	24.8	-13.7	7.3	53	60	2.48
165258	39400	30140	57611.9	58194.2	21.4	18.1	0.3	54	10	1.98	22.3	-60.2	-22.5	71	21	1.27	24.8	-22.3	4.6	47	64	2.46
165218	39400	30160	57535.81	58119.17	21.4	18.4	-0.1	55	9	2	22.3	-69.6	-22.2	72	18	1.28	24.8	-27.7	5.2	46	62	2.39
165138	39400	30180	57503.52	58087.35	21.4	15.7	-1.7	55	8	1.98	22.3	-58.2	-21.9	76	21	1.35	24.8	-29.3	3.8	39	63	2.28
165054	39400	30200	57493.42	58076.65	21.4	17	1.9	52	14	1.94	22.3	-63.1	-22.7	76	21	1.36	24.8	-30.3	8.2	48	59	2.34
165010	39400	30220	57465.34	58048.52	21.4	17.8	3.7	51	12	1.9	22.3	-61.9	-19.5	78	20	1.39	24.8	-32.4	8.3	44	61	2.32
164930	39400	30240	57491.14	58074.62	21.4	12.6	3.1	52	12	1.91	22.3	-53	-19.4	76	20	1.34	24.8	-26.3	11.6	43	59	2.27
164854	39400	30260	57536.04	58119.96	21.4	13	3.2	51	14	1.88	22.3	-65.1	-21.6	76	20	1.35	24.8	-29	10.4	45	58	2.27
164814	39400	30280	57544.47	58128.37	21.4	10.3	2.9	49	14	1.85	22.3	-61.6	-25.9	69	18	1.23	24.8	-26.4	10.5	38	58	2.14
164730	39400	30300	57523.09	58107.34	21.4	7.6	4	50	13	1.87	22.3	-61.1	-22.3	74	19	1.32	24.8	-23.3	13.1	41	59	2.21
164642	39400	30320	57645.88	58230.83	21.4	6.2	4.7	51	9	1.86	22.3	-64.1	-24.5	78	23	1.4	24.8	-23.8	8.5	35	63	2.23
164550	39400	30340	57562.93	58148.17	21.4	7	3.4	103	11	1.84	22.3	-61.4	-22.7	65	15	1.15	24.8	-20.2	8	35	65	2.28
164446	39400	30360	57486.96	58071.71	21.4	3.5	4.7	46	20	1.8	22.3	-58.2	-20.4	75	22	1.34	24.8	-19.2	10.6	50	53	2.25
164358	39400	30380	57459.82	58045.38	21.4	1.5	0.9	99	31	1.86	22.3	-49.9	-22.5	72	21	1.29	24.8	-15.8	6.7	44	59	2.29
164250	39400	30400	57507.91	58093.96	21.4	0.1	5.9	86	48	1.8	22.3	-57	-21	65	17	1.16	24.8	-17.4	10.9	53	53	2.33
170254	39300	29900	57487.64	58067.52	21.4	13.5	-6.4	67	8	2.43	22.3	67.3	18.4	64	10	1.11	24.8	-9.9	13.3	25	61	2.04
170330	39300	29920	57498.26	58078.09	21.4	19.7	-10.1	66	9	2.39	22.3	60	20.7	60	17	1.08	24.8	-16.2	17.8	26	62	2.08
170402	39300	29940	57444.25	58024.13	21.4	24.2	-12.7	63	15	2.33	22.3	54.5	25.4	56	17	1.01	24.8	-15.5	23.5	28	57	1.97
170434	39300	29960	57479.47	58059.13	21.4	33.2	-4.9	62	11	2.26	22.3	59.6	23.1	60	13	1.06	24.8	-14.8	25.1	24	58	1.95
170506	39300	29980	57568.33	58148.11	21.4	35.7	-2.3	53	15	1.98	22.3	59.1	24.2	60	15	1.06	24.8	-7.3	27.1	27	56	1.92
170538	39300	30000	57969.56	58549.68	21.4	31.1	-4.8	49	16	1.85	22.3	60.4	25.7	60	17	1.07	24.8	-2.8	20.9	31	55	1.97
170610	39300	30020	57470.22	58050.03	21.4	25.9	-6.1	48	17	1.85	22.3	65.8	22	61	17	1.08	24.8	5.5	16.3	37	54	2.03
170642	39300	30040	57408.17	57987.65	21.4	19.4	-7.9	51	10	1.86	22.3	44.8	18.2	65	18	1.16	24.8	8.8	19.8	35	62	2.21
170714	39300	30060	57358.55	57937.64	21.4	17.1	-5.6	51	12	1.9	22.3	55.6	23.4	63	17	1.11	24.8	3.2	10	43	61	2.32
170746	39300	30080	57432.2	58010.58	21.4	15.5	-3.5	53	9	1.93	22.3	55.7	20.1	61	15	1.09	24.8	-3.4	8.9	40	65	2.37
170826	39300	30100	57526.65	58104.88	21.4	12.2	-5.1	50	14	1.87	22.3	54.8	21.7	59	18	1.07	24.8	-10.3	6.3	48	63	2.45
170906	39300	30120	57501.09	58079.59	21.4	14	-2.7	51	17	1.94	22.3	54.7	22.8	59	19	1.07	24.8	-16.1	4.8	56	57	2.47
170946	39300	30140	57553.68	58132.57	21.4	16.5	-0.5	54	12	1.99	22.3	59.8	23.5	58	17	1.04	24.8	-22.6	3.1	48	65	2.48
171034	39300	30160	57558.89	58137.91	21.4	18.2	4.4	46	21	1.82	22.3	52.6	22.9	58	19	1.05	24.8	-24.9	12	62	48	2.42
171138	39300	30180	57548.17	58127.1	21.4	19.5	8	94	37	1.8	22.3	51.7	22.4	58	14	1.03	24.8	-28.5	10.3	56	54	2.42
171218	39300	30200	57582.91	58161.97	21.4	17.4	5.3	50	13	1.85	22.3	56.2	22.7	58	18	1.04	24.8	-33	7.3	45	59	2.28
172202	39200	29900	57509.08	58087.62	21.4	14.7	-6.7	58	19	2.19	22.3	-47.9	-24.2	67	18	1.19	24.8	-8.3	25.2	32	45	1.72
172126	39200	29920	57490.16	58069.12	21.4	19.4	-7.1	64	14	2.35	22.3	-39.3	-23.3	67	20	1.2	24.8	-10	25.7	36	49	1.88
172050	39200	29940	57451.91	58031.22	21.4	34.3	4.5	56	11	2.05	22.3	-54.2	-22.4	63	17	1.12	24.8	-18.1	30.4	34	52	1.93
172014	39200	29960	57530.62	58109.74	21.4	28	1.2	51	9	1.87	22.3	-34.1	-21.3	71	25	1.29	24.8	-16.9	27.6	30	53	1.89
171938	39200	29980	57490.14	58069.18	21.4	24.4	-2.3	49	9	1.78	22.3	-31.1	-18.7	71	25	1.3	24.8	-11.7	24.7	32	55	1.96
171854	39200	30000	57491.03	58070.07	21.4	16.4	-5.5	91	27	1.7	22.3	-42.9	-22.8	72	22	1.29	24.8	-5.9	22.3	40	48	1.95
171818	39200	30020	57760.44	58339.11	21.4	10.7	-7.9	48	10	1.75	22.3	-38.5	-21.2	69	26	1.26	24.8	-4.2	17.4	33	52	1.92
171742	39200	30040	58129.11	58707.65	21.4	5.8	-7	98	15	1.78	22.3	-41.7	-20.9	66	27	1.23	24.8	-0.3	15.2	32	55	1.96
171706	39200	30060	57579.46	58157.67	21.4	0	-7.8	48	10	1.75	22.3	-40.3	-18.6	71	26	1.3	24.8	6	13.8	35	55	2.01
171626	39200	30080	57392.47	57970.3	21.4	-4	-9.2	50	9	1.83	22.3	-45.6	-20.7	73	25	1.32	24.8	7.2	10.7	41	58	2.18
171550	39200	30100	57389.05	57966.89	21.4	-2.5	-2.3	56	3	2.02	22.3	-62.2	-22.1	63	15	1.11	24.8	1	5.5	39	68	2.43
171510	39200	30120	57447.08	58025.4	21.4	5.1	3.3	53	12	1.95	22.3	-64.9	-21.9	54	17	0.98	24.8	-6.9	2	57	59	2.53

APPENDIX I

SKARN ZONE SAMPLE DESCRIPTIONS

SKARN ZONE SAMPLE DESCRIPTIONS

SAMPLE#	NATURE	LOCAL GRID N	LOCAL GRID E	DESCRIPTION
138697	GRAB	10721	9982	Skarn Zone sample (96-SMRR-004). Felted amphibole skarn with pyrite, pyrrhotite, chalcopyrite, & malachite. Collected from Trench 1. Hosted in dark brown biotitized metavolcanics.
138698	GRAB	10724	9984	Skarn Zone sample (96-SMRR-005). Amphibole skarn with chalcopyrite-pyrite near Trench 1. Sample is in the
138699	GRAB	10723	9984	Skarn Zone sample (96-SMRR-006). Amphibole skarn with chalcopyrite-pyrite near Trench 1. Visible gold according
138700	GRAB	10722	9987	Skarn Zone sample (96-SMRR-007). Mineralized feldspar-amphibole dyke in Trench I.
138726	GRAB	10610	9830	Skarn Zone. Grab sample
138762	GRAB	10693	9800	Skarn Zone. Disseminated stibnite/arsenopyrite in gossanous & carbonated mafic gneiss.
138763	GRAB	10673	9800	Skarn Zone. Disseminated stibnite/arsenopyrite in gossanous & carbonated mafic gneiss.
138764	GRAB	10655	9800	Skarn Zone. Disseminated sulphide (pyrite/stibnite/arsenopyrite/chalcopyrite), in gossanous & carbonated crystal-ash flow tuff. Part of thr Boundary Ranges mafic gneiss.
138765	GRAB	10520	9800	Skarn Zone. Buff-brown orange quartz-carbonate stockwork veins. Collected over 30 m of subcrop float.
138766	GRAB	10498	9800	Skarn Zone. Orange-brown gossan; mostly goethite.
138767	GRAB	10510	9800	Skarn Zone. Augite porphyry flow (APF) with disseminated pyrrhotite & chalcopyrite.
138768	GRAB	10450	9800	Skarn Zone. Augite porphyry flow (APF) with disseminated pyrrhotite & rare chalcopyrite.
138769	GRAB	10798	9700	'Skarn Zone. Selected float. Quartz-carbonate breccia with disseminated arsenopyrite & reddish carbonate staining on surface.
138770	GRAB	10708	9713	Skarn Zone. Dark green mafic gneiss (Boundary Ranges Metamorphics) with disseminated pyrite +/- chalcopyrite. Sulphides in patches and bands parallel to the gneissosity. Hematite staining common.
138771	GRAB	10654	9710	Skarn Zone. Mafic gneiss with quartz boudins. Abundant 1 m wide zones of limonite & sulphides.
138772	GRAB	10560	9699	Skarn Zone. Limonite stained APF with moderate arsenopyrite and lesser chalcopyrite.
138773	GRAB	10508	9711	Skarn Zone. Zone of quartz-carbonate alteration in APF. Minor arsenopyrite.
138774	GRAB	10437	9700	Skarn Zone. Siliceous, maroon coloured (hematized), carbonate-quartz stockwork zone with chalcopyrite & pyrrhotite.
138775	GRAB	10445	9700	Skarn Zone. Siliceous breccia with ~ 10% of matrix filled with fine grained pyrite.
138776	GRAB	10396	9700	Skarn Zone. Fine grained, semi-massive pyrrhotite/pyrite & trace chalcopyrite. Float from subcrop.
138777	GRAB	10396	9702	Skarn Zone. Siliceous, maroon coloured (hematized) rock with stockwork arsenopyrite.
138778	GRAB	10308	9700	Skarn Zone. Siliceous, quartz-carbonate altered rock with quartz-carbonate+/-sulphide veins
138779	GRAB	10425	9610	Skarn Zone. Intermediate dyke with disseminated pyrrhotite & rare chalcopyrite.
138780	GRAB	10396	9596	Skarn Zone. Green chyrsocolla/maraposite? associated with black mafic schist (BCAT unit). Argillite-looking black schist is thermally metamorphosed and/or highly strained BCAT1.
138781	GRAB	10358	9594	Skarn Zone. Quartz vein with yellow scorodite & stibnite. Float sample
138782	GRAB	10350	9650	Skarn Zone. Mineralized Float. Near survey marker.
138783	GRAB	10349	9709	Skarn Zone. Altered amphibole-feldspar porphyry with chyrsocolla/chalcopyrite/limonite. Subcrop sample.

SKARN ZONE SAMPLE DESCRIPTIONS

SAMPLE #	NATURE	LOCAL GRID N	LOCAL GRID E	DESCRIPTION
138784	GRAB	10344	9710	Skarn Zone. APF with strong limonitization & quartz veinlets
138785	GRAB	10380	9716	Skarn Zone. APF with strong limonitization & disseminated pyrrhotite.
138786	GRAB	10387	9718	Skarn Zone. Chip sample over 5m of gossanous material.
138787	GRAB	10673	9802	Skarn Zone. Massive stibnite in an intermediate dyke.
138788	GRAB	10439	9624	Skarn Zone. Amphibolitized & hematized crystal ash tuff (CAT) with disseminated pyrrhotite.
138789	GRAB	10798	9851	Skarn Zone. Strongly amphibolitized, limonitized, & brecciated mafic gneiss. Gossanous
138801	GRAB	10750	9800	Skarn Zone. Strong carbonate-sulphide alteration in skarn
138802	GRAB	10400	9800	Skarn Zone. Gossanous chalcopyrite,chrysocolla, & stibnite in fractures
138803	GRAB	10670	9928	Skarn Zone. Limonite-pyrite-chalcopyrite-pyrrhotite-arsenopyrite fill in a fracture zone. Very sulphide -rich.
138804	GRAB	10640	9910	Skarn Zone. Carbonate-quartz breccia near larger fracture zone. Quartz frags. in carbonate breccia.
138805	GRAB	10602	9792	Skarn Zone. 15 cm thick stibnite-quartz band traced for 5 m @ 320 deg.
138806	GRAB	10607	9807	Skarn Zone. 8 cm thick stibnite-quartz boudin in crystal-ash tuff. Float sample

APPENDIX J

GEOCHEMICAL RESULTS, SKARN ZONE SAMPLES

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: WESTMIN RESOURCES LTD.
ATTN: STEVE ROWINS
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9629387

Comments: ATTN: S. ROWINS FAX: S. ROWINS

CERTIFICATE A9629387

(GP R) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. # : 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 6-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	6	Geochem ring to approx 150 mesh
226	6	0-3 Kg crush and split
3202	6	Rock - save entire reject
229	6	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	6	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
997	2	Au g/t: 1 assay ton, grav.	FA-GRAVIMETRIC	0.07	1000.0
2118	6	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	6	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	6	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	6	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	6	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	6	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	6	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	6	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	6	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	6	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	6	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	6	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	6	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	6	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	6	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	6	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	6	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	6	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	6	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	6	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	6	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	6	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	6	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	6	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	6	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	6	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	6	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	6	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	6	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	6	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	6	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	6	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : BENNETT
Comments: ATTN: S. ROWINS FAX: S. ROWINS

Certificate Date: 06-SEP-96
Invoice No. : I9629387
P.O. Number : 6109
Account : GP R

*PLEASE NOTE:

CERTIFICATE OF ANALYSIS A9629387

SAMPLE	PREP CODE		Au ppb FA+AA	Au FA g/t	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %
138697	205	226	430	-----	5.0	6.41	40	150	0.5	< 2	3.43	1.5	26	77	354	4.70	10	< 10	1.19	< 10	2.14
138698	205	226	75	-----	1.8	2.28	10	120	< 0.5	< 2	1.61	0.5	26	182	346	3.54	< 10	< 10	0.23	< 10	1.51
138699	205	226	>10000	12.00	11.6	0.80	30	60	< 0.5	12	0.44	< 0.5	19	135	917	6.48	< 10	< 10	0.23	< 10	0.73
138700	205	226	5	-----	0.2	1.67	18	70	0.5	< 2	0.74	< 0.5	4	81	14	2.03	< 10	< 10	0.26	10	0.33

CERTIFICATION: ____________________

*INTERFERENCE: Cu ON Bi AND P.

Chemex Labs Ltd.

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Project : BENNETT
Comments: ATTN: S. ROWINS FAX: S. ROWINS

Page Number : 1-B
Total Pages : 1
Certificate Date: 06-SEP-96
Invoice No. : I9629387
P.O. Number : 6109
Account : GP R

*PLEASE NOTE:

CERTIFICATE OF ANALYSIS A9629387

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
138697	205	226	425	1	0.17	65	1840	2	24	5	493	0.27	< 10	< 10	174	< 10	126
138698	205	226	360	1	0.03	60	1470	2	10	3	129	0.14	< 10	< 10	88	< 10	64
138699	205	226	145	< 1	< 0.01	6	600	8	2	1	19	0.12	< 10	< 10	95	< 10	24
138700	205	226	250	3	0.16	3	430	2	2	2	162	0.07	< 10	< 10	15	< 10	34

CERTIFICATION: Hart Bichler

*INTERFERENCE: Cu ON Bi AND P.

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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ATTN: STEVE ROWINS
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9632301

Comments: ATTN: STEVE ROWINS

CERTIFICATE A9632301

(GP R) - WESTMIN RESOURCES LTD.

Project: BENNETT LAKE
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 27-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	30	Geochem ring to approx 150 mesh
226	30	0-3 Kg crush and split
3202	30	Rock - save entire reject
229	30	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	30	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	30	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	30	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	30	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	30	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	30	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	30	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	30	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	30	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	30	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	30	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	30	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	30	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	30	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	30	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	30	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	30	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	30	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	30	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	30	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	30	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	30	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	30	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	30	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	30	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	30	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	30	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	30	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	30	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	30	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	30	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	30	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	30	Zn ppm: 32 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 FAX: 604-984-0218

To: WESTMIN RESOURCES LTD.
ATTN: STEVE ROWINS
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project: BENNETT LAKE
Comments: ATTN: STEVE ROWINS

QC Page #: 1-A
Tot QC Pg: 1
Date: 27-SEP-96
Invoice #: I9632301
P.O. #: GP R

QC DATA OF CERTIFICATE A9632301

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
FMC-1	Std2	1	365	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	363	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	-----	4.2	3.56	58	660	0.5	< 2	1.62	1.0	16	62	179	4.48	10	-----	0.30	10	0.82	930
G96-1GM	Std2	1	-----	3.8	3.51	56	650	0.5	2	1.62	1.0	16	59	176	4.42	10	-----	0.29	10	0.83	920
CHEMEX MEAN	---	---	-----	4.4	3.65	64	662	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	-----	0.30	10	0.80	927
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	160	-----	-----	-----	-----
GEO-96	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	150	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	168	-----	-----	-----	-----
SL-96	Std1	1	750	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	765	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
138718	Dup	1-01	< 5	< 0.2	1.28	2	500	0.5	< 2	2.60	< 0.5	6	55	3	1.90	10	10	0.37	10	0.75	725
	Orig	1-01	< 5	0.2	1.48	2	530	0.5	< 2	2.58	< 0.5	6	55	2	1.91	10	20	0.44	10	0.77	730

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project: BENNETT LAKE
Comments: ATTN: STEVE ROWINS

QC Page #: 1-B
Tot QC Pg: 1
Date: 27-SEP-96
Invoice #: I9632301
P.O. #: GP R

QC DATA OF CERTIFICATE A9632301

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
FMC-1	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
G96-1GM	Std1	1	9	0.06	20	520	120	4	10	104	0.06	< 10	< 10	104	< 10	186
G96-1GM	Std2	1	9	0.07	19	510	116	4	9	101	0.06	< 10	< 10	103	< 10	186
CHEMEX MEAN	---	---	9	0.07	20	524	120	< 2	10	102	0.06	< 10	< 10	102	< 10	186
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GEO-96	Std2	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SL-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
138718	Dup	1-01	< 1	0.01	6	730	6	2	1	153	< 0.01	< 10	< 10	13	< 10	50
	Orig	1-01	< 1	0.01	6	740	6	2	1	161	< 0.01	< 10	< 10	15	< 10	52

CERTIFICATION:

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Project : BENNETT LAKE
Comments: ATTN: STEVE ROWINS

Certificate Date: 27-SEP-96
Invoice No. : I9632301
P.O. Number :
Account : GP R

CERTIFICATE OF ANALYSIS A9632301

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
138726	205 226	1680	2.8	0.33	>10000	< 10	0.5	6	0.03	< 0.5	50	62	9	>15.00	< 10	< 10	0.03	< 10	0.23	35

CERTIFICATION: Hart Bichler

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Project : BENNETT LAKE
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Certificate Date: 27-SEP-96
Invoice No. : I9632301
P.O. Number :
Account : GP R

CERTIFICATE OF ANALYSIS A9632301

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
138726	205 226	4	< 0.01	7	20	48	350	< 1	21	< 0.01	< 10	10	6	< 10	6

CERTIFICATION: [signature]

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To: WESTMIN RESOURCES LTD.
ATTN: STEVE ROWINS
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9632276

Comments: ATTN: STEVE ROWINS

CERTIFICATE A9632276

(GP R) - WESTMIN RESOURCES LTD.

Project: BENNETT LAKE
P.O. # : 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	23	Geochem ring to approx 150 mesh
226	23	0-3 Kg crush and split
3202	23	Rock - save entire reject
229	23	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	23	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	23	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	23	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	23	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	23	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	23	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	23	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	23	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	23	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	23	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	23	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	23	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	23	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	23	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	23	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	23	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	23	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	23	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	23	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	23	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	23	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	23	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	23	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	23	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	23	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	23	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	23	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	23	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	23	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	23	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	23	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	23	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	23	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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To: WESTMIN RESOURCES LTD.
ATTN: STEVE ROWINS
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

Project : BENNETT LAKE
Comments: ATTN: STEVE ROWINS

Certificate Date: 26-SEP-96
Invoice No. : I9632276
P.O. Number :6109
Account :GP R

CERTIFICATE OF ANALYSIS A9632276

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
138762	205	226	< 5	< 0.2	3.17	34	20	< 0.5	< 2	7.23	< 0.5	17	66	13	4.45	< 10	10	0.40	< 10	1.56	750
138763	205	226	85	0.2	3.40	5140	130	< 0.5	< 2	1.08	< 0.5	19	68	104	4.84	< 10	< 10	0.66	< 10	1.70	405
138764	205	226	10	0.2	5.21	44	130	0.5	< 2	2.42	< 0.5	8	82	111	3.22	10	10	0.31	< 10	0.96	260
138765	205	226	15	0.6	0.52	444	50	< 0.5	< 2	10.80	0.5	11	31	16	4.82	< 10	10	0.17	< 10	2.63	1905
138766	205	226	60	13.2	1.09	154	30	0.5	2	0.12	0.5	103	66	1385	>15.00	< 10	100	0.14	< 10	0.10	480
138767	205	226	25	2.6	2.53	44	80	< 0.5	2	2.98	0.5	93	31	668	7.51	< 10	< 10	0.15	< 10	1.49	685
138768	205	226	40	3.0	3.28	42	30	< 0.5	< 2	3.65	1.0	33	53	335	4.72	< 10	20	0.04	< 10	2.24	905
138769	205	226	260	1.8	1.07	>10000	40	< 0.5	< 2	7.63	16.5	21	22	24	5.18	< 10	< 10	0.23	< 10	1.96	2120
138770	205	226	5	0.6	4.36	34	330	< 0.5	< 2	2.32	< 0.5	36	37	195	5.38	10	10	2.13	< 10	2.14	460
138771	205	226	60	0.8	2.46	140	290	< 0.5	< 2	0.87	< 0.5	11	84	148	5.09	< 10	< 10	0.38	< 10	0.95	380
138772	205	226	1830	8.8	2.31	260	20	< 0.5	< 2	1.09	0.5	245	32	322	9.87	< 10	< 10	0.06	< 10	0.91	360
138773	205	226	60	0.2	2.05	78	50	< 0.5	< 2	6.52	0.5	17	181	52	5.49	< 10	< 10	0.19	< 10	3.12	1325
138774	205	226	105	2.8	5.66	34	250	0.5	< 2	5.24	1.5	35	47	642	5.82	10	< 10	1.71	< 10	2.80	935
138775	205	226	60	2.6	5.34	2340	40	< 0.5	< 2	2.69	0.5	57	103	256	12.25	10	10	1.38	< 10	1.86	555
138776	205	226	200	3.6	2.61	6450	10	< 0.5	< 2	1.06	1.5	50	111	420	>15.00	< 10	< 10	0.49	< 10	0.68	185
138777	205	226	85	0.8	4.13	2850	10	< 0.5	< 2	2.32	< 0.5	42	247	121	6.90	< 10	< 10	0.41	< 10	1.05	240
138778	205	226	< 5	0.4	0.44	64	110	< 0.5	< 2	12.25	< 0.5	8	44	15	4.16	< 10	< 10	0.10	< 10	3.73	1010
138779	205	226	< 5	0.8	5.93	12	200	< 0.5	< 2	3.01	< 0.5	20	49	178	4.88	10	< 10	1.21	< 10	1.55	450
138780	205	226	15	0.6	1.25	472	110	< 0.5	< 2	0.61	1.5	21	575	13	1.66	< 10	< 10	0.23	< 10	0.46	200
138781	205	226	3350	>100.0	0.36	>10000	40	< 0.5	4	0.01	91.0	2	74	213	12.20	< 10	20	0.11	< 10	< 0.01	15
138782	205	226	25	2.6	0.10	660	150	< 0.5	< 2	2.14	4.5	5	114	62	1.54	< 10	40	0.05	< 10	0.05	330
138783	205	226	280	>100.0	2.30	870	50	< 0.5	< 2	3.23	34.0	65	117	>10000	7.25	< 10	120	0.04	< 10	1.76	990

CERTIFICATION:

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To: WESTMIN RESOURCES LTD.
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Project : BENNETT LAKE
Comments: ATTN: STEVE ROWINS

Certificate Date: 26-SEP-96
Invoice No. : I9632276
P.O. Number : 6109
Account : GP R

CERTIFICATE OF ANALYSIS A9632276

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
138762	205	226	< 1	< 0.01	53	670	8	24	12	128	< 0.01	< 10	< 10	62	< 10	86
138763	205	226	1	0.18	19	630	4	6	9	79	0.11	< 10	< 10	147	< 10	48
138764	205	226	7	0.65	16	570	8	< 2	5	203	0.09	< 10	< 10	16	< 10	28
138765	205	226	< 1	< 0.01	7	500	10	8	6	529	< 0.01	< 10	< 10	28	< 10	22
138766	205	226	4	< 0.01	35	730	40	68	36	41	< 0.01	< 10	< 10	284	< 10	102
138767	205	226	< 1	0.07	27	1000	14	< 2	7	84	0.09	< 10	< 10	113	< 10	62
138768	205	226	1	0.16	24	970	12	4	15	155	0.12	< 10	< 10	168	< 10	82
138769	205	226	< 1	< 0.01	17	730	86	54	9	232	< 0.01	< 10	< 10	27	< 10	440
138770	205	226	3	0.35	18	1640	4	2	4	230	0.30	< 10	< 10	150	< 10	64
138771	205	226	1	0.07	5	1090	10	< 2	5	59	0.09	< 10	< 10	69	< 10	40
138772	205	226	< 1	0.19	20	810	32	2	5	49	0.12	< 10	< 10	89	< 10	36
138773	205	226	< 1	0.04	61	940	8	16	12	368	0.03	< 10	< 10	92	< 10	104
138774	205	226	< 1	0.33	38	1510	12	2	13	366	0.09	< 10	< 10	174	< 10	162
138775	205	226	9	0.15	118	1810	90	10	11	200	0.12	< 10	< 10	147	< 10	72
138776	205	226	5	0.12	151	690	558	108	6	86	0.09	< 10	< 10	77	< 10	36
138777	205	226	1	0.21	74	1090	18	6	11	157	0.11	< 10	< 10	140	< 10	28
138778	205	226	< 1	< 0.01	16	280	8	10	5	886	< 0.01	< 10	< 10	27	< 10	26
138779	205	226	2	0.54	8	1050	4	< 2	9	174	0.19	< 10	< 10	203	< 10	58
138780	205	226	< 1	0.01	112	2170	6	10	1	20	< 0.01	< 10	< 10	21	< 10	22
138781	205	226	1	< 0.01	1	30	>10000	4440	1	51	< 0.01	< 10	< 10	13	< 10	508
138782	205	226	1	< 0.01	21	110	614	>10000	2	58	< 0.01	< 10	< 10	4	< 10	624
138783	205	226	1	0.04	173	670	182	66	6	101	0.08	< 10	< 10	100	< 10	680

CERTIFICATION:________________

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A9634491

Comments: ATTN: STEVE ROWINS

CERTIFICATE A9634491

(GP R) - WESTMIN RESOURCES LTD.

Project: BENNETT LAKE
P.O. # : 6109

Samples submitted to our lab in Vancouver, BC.
This report was printed on 2-OCT-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	2	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
384	2	Ag g/t: Gravimetric	FA-GRAVIMETRIC	3	1000
301	1	Cu %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0
312	1	Pb %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0

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Project : BENNETT LAKE
Comments: ATTN: STEVE ROWINS

Certificate Date: 02-OCT-96
Invoice No. : I9634491
P.O. Number :6109
Account :GP R

CERTIFICATE OF ANALYSIS A9634491

SAMPLE	PREP CODE		Ag FA g/t	Cu %	Pb %
138781	244	--	240	-----	2.75
138783	244	--	154	1.65	-----

CERTIFICATION: Hart Bichler

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Page Number : 1
Total Pages : 1
Certificate Date: 02-OCT-96
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P.O. Number : 6109
Account : GP R

CERTIFICATE OF ANALYSIS A9634491

SAMPLE	PREP CODE		Ag FA g/t	Cu %	Pb %							
138781	244	--	240	-----	2.75							
138783	244	--	154	1.65	-----							

CERTIFICATION: [signature]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: WESTMIN RESOURCES LTD.
ATTN: STEVE ROWINS
P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9632688

Comments: ATTN: STEVE ROWINS

CERTIFICATE A9632688

(GP R) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 28-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	11	Geochem ring to approx 150 mesh
226	11	0-3 Kg crush and split
3202	11	Rock - save entire reject
229	11	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	11	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	11	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	11	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	11	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	11	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	11	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	11	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	11	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	11	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	11	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	11	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	11	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	11	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	11	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	11	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	11	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	11	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	11	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	11	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	11	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	11	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	11	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	11	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	11	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	11	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	11	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	11	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	11	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	11	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	11	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	11	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	11	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	11	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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V7X 1C4

Project: BENNETT
Comments: ATTN: STEVE ROWINS

QC Page #: 1-A
Tot QC Pg: 1
Date: 28-SEP-96
Invoice #: I9632688
P.O. #: GP R

QC DATA OF CERTIFICATE A9632688

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
G96-1GM	Std1	1	-----	4.0	3.39	52	540	0.5	< 2	1.57	0.5	16	62	176	4.34	10	-----	0.27	10	0.78	915
CHEMEX MEAN	---	---	-----	4.4	3.65	64	662	< 0.5	< 2	1.60	1.0	16	66	177	4.41	< 10	-----	0.30	10	0.80	927
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	130	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	168	-----	-----	-----	-----
JL-1	Std1	1	95	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	92	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: [signature]

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V7X 1C4

Project: BENNETT
Comments: ATTN: STEVE ROWINS

QC Page #: 1-B
Tot QC Pg: 1
Date: 28-SEP-96
Invoice #: I9632688
P.O. #:
GP R

QC DATA OF CERTIFICATE A9632688

STD/DUP/BLANK DESCRIPTION	QC TYPE	PAGE NO.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
G96-1GM	Std1	1	8	0.06	20	510	104	6	10	99	0.05	< 10	< 10	100	< 10	182
CHEMEX MEAN	---	---	9	0.07	20	524	120	< 2	10	102	0.06	< 10	< 10	102	< 10	186
GEO-96	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
JL-1	Std1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHEMEX MEAN	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION:

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Project : BENNETT
Comments: ATTN: STEVE ROWINS

Page Number : 1-A
Total Pages : 1
Certificate Date: 28-SEP-96
Invoice No. : I9632688
P.O. Number :
Account : GP R

CERTIFICATE OF ANALYSIS A9632688

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
138784	205	226	20	6.6	1.73	390	100	< 0.5	2	0.54	< 0.5	7	81	356	8.77	< 10	< 10	0.28	< 10	0.52	135
138785	205	226	25	2.6	4.20	44	10	< 0.5	< 2	2.52	0.5	37	45	486	3.63	< 10	< 10	0.08	< 10	0.78	215
138786	205	226	5	1.2	3.84	42	30	< 0.5	< 2	1.98	< 0.5	19	155	212	4.39	10	< 10	0.14	< 10	1.14	325
138788	205	226	5	0.2	2.70	30	30	< 0.5	< 2	1.63	< 0.5	13	74	142	2.50	< 10	< 10	0.15	< 10	0.55	245
138789	205	226	10	0.4	1.27	86	140	< 0.5	< 2	0.20	< 0.5	12	87	130	6.13	< 10	< 10	0.28	< 10	0.32	110
138801	205	226	170	1.0	3.26	30	40	0.5	< 2	1.84	< 0.5	39	84	151	7.37	10	< 10	0.30	< 10	1.82	765
138802	205	226	55	38.6	2.91	72	30	< 0.5	< 2	2.14	5.0	40	61	3520	6.95	10	130	0.10	< 10	1.82	655
138803	205	226	5	1.0	7.85	272	250	0.5	< 2	3.21	< 0.5	32	32	255	5.71	10	10	1.72	< 10	2.47	655
138804	205	226	< 5	0.2	0.41	408	70	0.5	< 2	10.60	0.5	10	12	30	4.87	< 10	< 10	0.32	< 10	1.69	3270

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

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VANCOUVER, BC
V7X 1C4

Project : BENNETT
Comments: ATTN: STEVE ROWINS

Certificate Date: 28-SEP-96
Invoice No. : I9632688
P.O. Number :
Account : GP R

CERTIFICATE OF ANALYSIS A9632688

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
138784	205	226	7	0.25	10	1250	12	8	7	185	0.15	< 10	< 10	110	< 10	18
138785	205	226	3	0.41	30	1610	12	6	6	302	0.17	< 10	< 10	91	< 10	44
138786	205	226	3	0.31	64	1090	10	6	7	256	0.15	< 10	< 10	110	< 10	34
138788	205	226	1	0.26	13	1180	2	2	7	100	0.13	< 10	< 10	65	< 10	28
138789	205	226	14	0.02	20	420	6	8	4	14	0.08	< 10	< 10	31	< 10	10
138801	205	226	< 1	0.07	24	700	4	10	11	51	0.06	< 10	< 10	141	< 10	58
138802	205	226	1	0.27	66	770	10	8	12	170	0.17	< 10	< 10	164	< 10	148
138803	205	226	1	0.78	14	1490	< 2	8	17	311	0.26	< 10	< 10	229	< 10	72
138804	205	226	< 1	< 0.01	5	750	8	8	4	268	< 0.01	< 10	< 10	23	< 10	14

CERTIFICATION: [signature]

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To: WESTMIN RESOURCES LTD.
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P.O. BOX 49066, THE BENTALL CENTRE
VANCOUVER, BC
V7X 1C4

A9632687

Comments: ATTN: STEVE ROWINS

CERTIFICATE A9632687

(GP R) - WESTMIN RESOURCES LTD.

Project: BENNETT
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 24-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
258	3	RUSH Assay ring approx 150 mesh
295	3	RUSH crush and split (0-3 Kg)
3202	3	Rock - save entire reject
233	3	Assay AQ ICP digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
953	3	Au g/tonne: RUSH, 1 assay ton	FA-AAS	0.03	150.00
323	3	Co %: HClO4-HNO3 digestion	AAS	0.001	100.00
4001	3	Ag ppm : A30 ICP package	ICP-AES	1	200
4002	3	Al %: A30 ICP package	ICP-AES	0.01	15.00
4003	3	As ppm: A30 ICP package	ICP-AES	10	50000
4004	3	Ba ppm: A30 ICP package	ICP-AES	20	200000
4005	3	Be ppm: A30 ICP package	ICP-AES	5	100
4006	3	Bi ppm: A30 ICP package	ICP-AES	10	50000
4007	3	Ca %: A30 ICP package	ICP-AES	0.01	30.0
4008	3	Cd ppm: A30 ICP package	ICP-AES	5	1000
4009	3	Co ppm: A30 ICP package	ICP-AES	5	50000
4010	3	Cr ppm: A30 ICP package	ICP-AES	10	20000
4011	3	Cu ppm: A30 ICP package	ICP-AES	5	50000
4012	3	Fe %: A30 ICP package	ICP-AES	0.01	30.0
4013	3	Hg ppm: A30 ICP package	ICP-AES	10	10000
4014	3	K %: A30 ICP package	ICP-AES	0.01	20.0
4015	3	Mg %: A30 ICP package	ICP-AES	0.01	30.0
4016	3	Mn ppm: A30 ICP package	ICP-AES	10	50000
4017	3	Mo ppm: A30 ICP package	ICP-AES	5	50000
4018	3	Na %: A30 ICP package	ICP-AES	0.01	20.0
4019	3	Ni ppm: A30 ICP package	ICP-AES	5	50000
4020	3	P ppm: A30 ICP package	ICP-AES	100	10000
4021	3	Pb ppm: A30 ICP package	ICP-AES	5	50000
4022	3	Sb ppm: A30 ICP package	ICP-AES	10	10000
4023	3	Sc ppm: A30 ICP package	ICP-AES	5	10000
4024	3	Sr ppm: A30 ICP package	ICP-AES	5	10000
4025	3	Ti %: A30 ICP package	ICP-AES	0.01	10.00
4026	3	Tl ppm: A30 ICP package	ICP-AES	20	10000
4027	3	U ppm: A30 ICP package	ICP-AES	20	10000
4028	3	V ppm: A30 ICP package	ICP-AES	20	50000
4029	3	W ppm: A30 ICP package	ICP-AES	20	10000
4030	3	Zn ppm: A30 ICP package	ICP-AES	5	50000

Chemex Labs Ltd.

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Project : BENNETT
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Page Number : 1-A
Total Pages : 1
Certificate Date: 24-SEP-96
Invoice No. : I9632687
P.O. Number :
Account : GP R

CERTIFICATE OF ANALYSIS A9632687

SAMPLE	PREP CODE		Au g/t RUSH	Co %	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm
138787	258	295	1.07	0.024	< 1	0.19	>50000	< 20	< 5	10	0.05	< 5	220	30	5	29.1	< 10	0.02	0.07	30	< 5
138805	258	295	3.90	0.022	4	1.52	>50000	20	< 5	40	0.31	< 5	215	40	145	24.1	< 10	0.08	0.53	180	< 5
138806	258	295	3.06	0.011	3	1.87	>50000	40	< 5	20	0.32	< 5	105	80	40	19.50	< 10	0.28	0.89	270	< 5

CERTIFICATION: ____________

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Project : BENNETT
Comments: ATTN: STEVE ROWINS

Certificate Date: 24-SEP-96
Invoice No. : I9632687
P.O. Number :
Account :GP R

CERTIFICATE OF ANALYSIS A9632687

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
138787	258	295	0.09	35	< 100	75	910	< 5	< 5	< 0.01	< 20	< 20	< 20	< 20	160
138805	258	295	0.16	25	< 100	45	590	5	35	0.01	< 20	< 20	60	< 20	70
138806	258	295	0.15	25	< 100	45	310	5	40	0.04	< 20	< 20	80	< 20	70

CERTIFICATION: Hart Bichler

1996 ASSESSMENT REPORT

BENNETT PROPERTY
(Claims LEW 1-13, LQ)

VOLUME 2

GEOLOGICAL MAPPING, LITHOGEOCHEMICAL SAMPLING, GEOPHYSICAL SURVEYING, AND PERCUSSION DRILLING PROGRAM

ATLIN MINING DIVISION
NTS MAP SHEET 104M/15W
LATITUDE 59° 55' N, LONGITUDE 134° 53' W

CLAIM OWNER
WESTMIN RESOURCES LIMITED

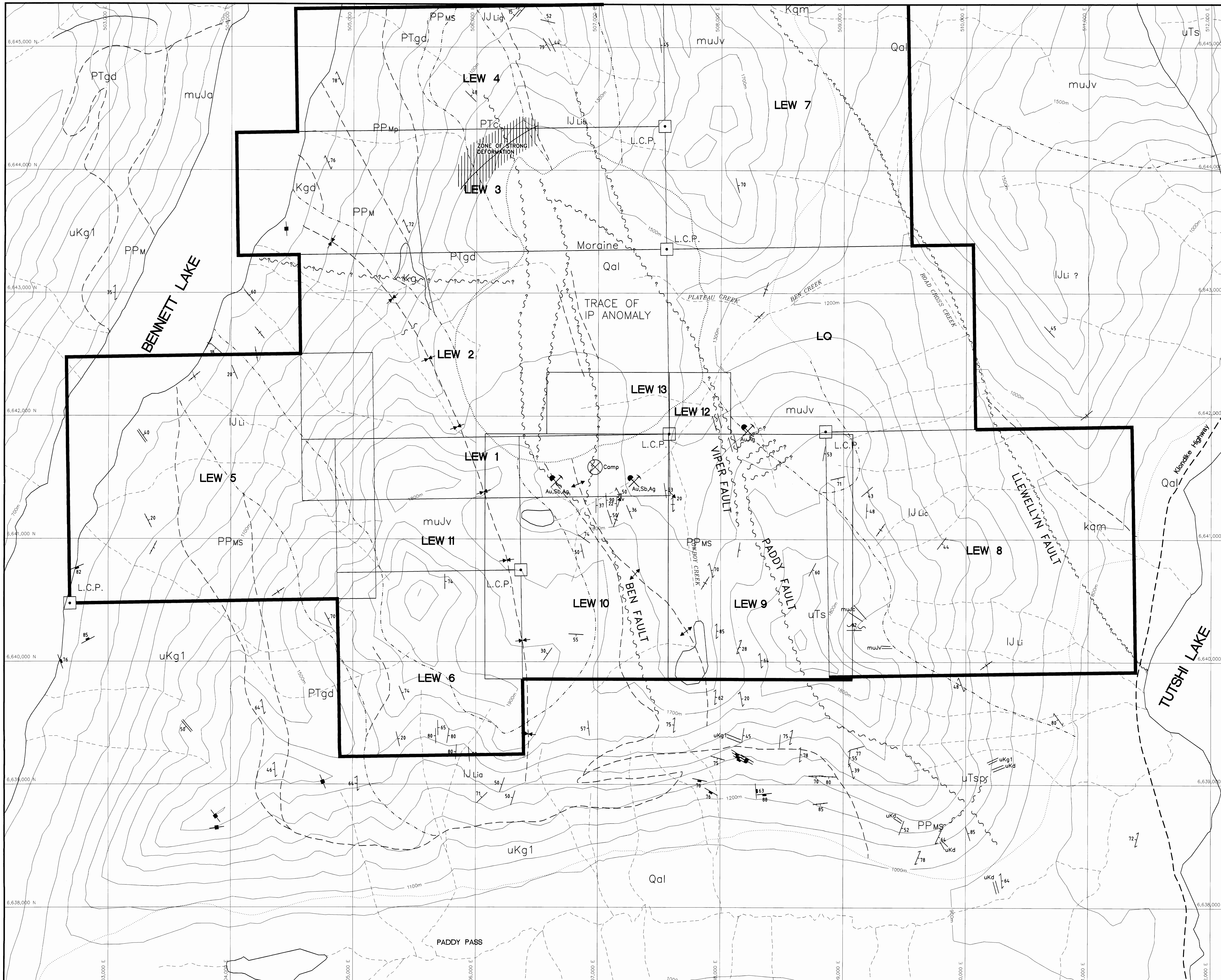
OPERATOR
WESTMIN RESOURCES LIMITED

REPORT BY

STEPHEN M. ROWINS, Ph.D., F.G.A.C.

FEBRUARY, 1997

RPT/97-007



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,869

LEGEND

LAYERED ROCKS

QUATERNARY

Qal	Unconsolidated glacial till and poorly sorted alluvium

UPPER CRETACEOUS (?)

MONTANA MOUNTAIN VOLCANICS

uKMV	Intermediate to felsic pyroclastics and flows; typically altered and orange weathering; crosscut by 64Ma intrusive

MIDDLE TO UPPER JURASSIC (?)

muJv	Variegated pyroclastic lapilli tuffs; bladed feldspar porphyry flows
muJc	Clast-supported conglomerate derived primarily from Inklin Formation siltstones and argillites

LOWER JURASSIC

LABERGE GROUP, INKLIN FORMATION (where undivided denoted as lJLi)

lJLig	Siltstones, arenaceous wackes (greywackes); may contain macrofossils
lJLia	Argillites (may be silty)
lJLic	Conglomerates; rarely contain macrofossils

UPPER TRIASSIC

STUHINI GROUP (where undivided denoted as uTs)

uTsv	Variegated feldspar-phyric tuffs and lesser flows
uTsp	Green pyroxene-feldspar porphyry tuffs and breccias characteristic of this group
uTsc	Conglomerates and associated sediments
uTsh	Hornblende-phyric lapilli ash tuffs and tuffites (may include conglomerates)
uTss	Norian carbonates commonly displaying strong internal deformation enclosed within conglomerates and argillites

PALEOZOIC (?) TO UPPERMOST TRIASSIC

PTc	Conglomerates, mainly clast-supported, composed primarily of PPMS and PTgd

PALEOZOIC TO PROTEROZOIC (?)

BOUNDARY RANGES METAMORPHICS (where undivided denoted as PPM)

PPM	A polydeformed metamorphic terrane of uncertain origin; variably metamorphosed to upper greenschist grade within the map area, and reported up to amphibolite grade to the south. Protoliths in approximate order of abundance are:
PPMS	Argillaceous siltstones, feldspathic wackes and lesser felsic pyroclasts and carbonates (carbonate bands diagonally hatched)
PPMp	Altered pyroxenites, foliated gabbros and mafic flow successions

MISSISSIPPIAN

NAKINA FORMATION (?)

MN	Massive, greenschist-altered basic flows and tuffaceous sediments

INTRUSIVE ROCKS

UPPER CRETACEOUS

COAST INTRUSIONS (where undivided denoted as uKg)

uKg1	Medium to coarse-grained hornblende and biotite granites are most characteristic of the Coast intrusive rocks; with local gradations to potassium metasomatized alkaline granite (denoted "A") and lesser granodiorite (uKgd). Rare zones with diffuse boundaries contain medium grained garnet (gnt) ± muscovite (mus). Typically containing 2 to 5 centimetre, perthitic potassium feldspar megacrysts. Chilled contacts are quartz-eye feldspar porphyries. K-Ar dated at 89.5 ± 2.6 Ma and 77.9 ± 1.6 Ma.
uKg2	Equigranular uKg1 – lacking megaacrystalline potassium feldspar with minor locallized exceptions
uKgd, qm,d	Granodiorite; quartz monzonite and diorite as compositional variants of uKg1,2

CRETACEOUS

Kgd,qm g,d	Conglomerates, mainly clast-supported, composed primarily of PPMS and PTgd

MIDDLE TO UPPER JURASSIC

muJa	Hypabyssal andesites; medium grained andesitic feldspar porphyries commonly containing hornblende. Grey to green, weakly to strongly altered; probably coeval with muJv

TRIASSIC (?)

Tgd,qm	Porphyritic granodiorite to quartz monzonite; foliated with potassium feldspar phenocrysts and hornblende up to 20 percent. Minor secondary chlorite, epidote and quartz

MESOZOIC

Mgd	Granodiorite; altered, sheared and brecciated felsic intrusive rocks primarily confined to the Llewellyn fault zone. May in part include rocks of PTgd

PALEOZOIC TO TRIASSIC (?)

PTgd	Altered and deformed intrusives. Typically altered and/or weakly to strongly deformed. Composition variable to leucogranite and quartz-diorite; may be silicified

SYMBOLS

- Fault movement
- Quartz vein (inclined, vertical)
- Geological boundaries (known, approximate, assumed)
- Unconformity (defined, assumed)
- Bedding (inclined, vertical)
- Schistosity, foliation (inclined, vertical)
- Joint (inclined, vertical)
- Dyke (inclined, vertical)
- Anticline (defined, approximate, assumed)
- Syncline (defined, approximate, assumed)
- Minor fold hingeline
- Shear zone (defined, assumed)
- Lineation, undefined
- Mineral occurence (trenching and/or blasting)
- Drainage

GEOLOGICAL ASSOCIATION OF CANADA
S.M. ROWINS
F 6362
FELLOW
ASSOCIATION GÉOLOGIQUE DU CANADA

Sources of data:

Mihalynuk & Rouse (1998a,b); Davis (1989, Assess. Rep. 19, 527); Lhotka & Olsen (1983; Assess. Rep. 12, 554); Copland (1982; Assess. Rep. 11, 044); Neelands & Holmgren (1982; Assess. Rep. 10, 427); Blanchflower (1990; Assess. Rep. 20, 581); Duke (1993; Assess. Rep. 23, 218); Bidwell (1994; Assess. Rep. 23, 550)

WESTMIN

Westmin Resources Limited

Work By	S. Rowins
Date Drafted	Jan. 15, 1997
Drafted By	J.M. Klein
Date Revised	
Revised By	
N.T.S. Number	104 M/15
File Name	BENCOMP

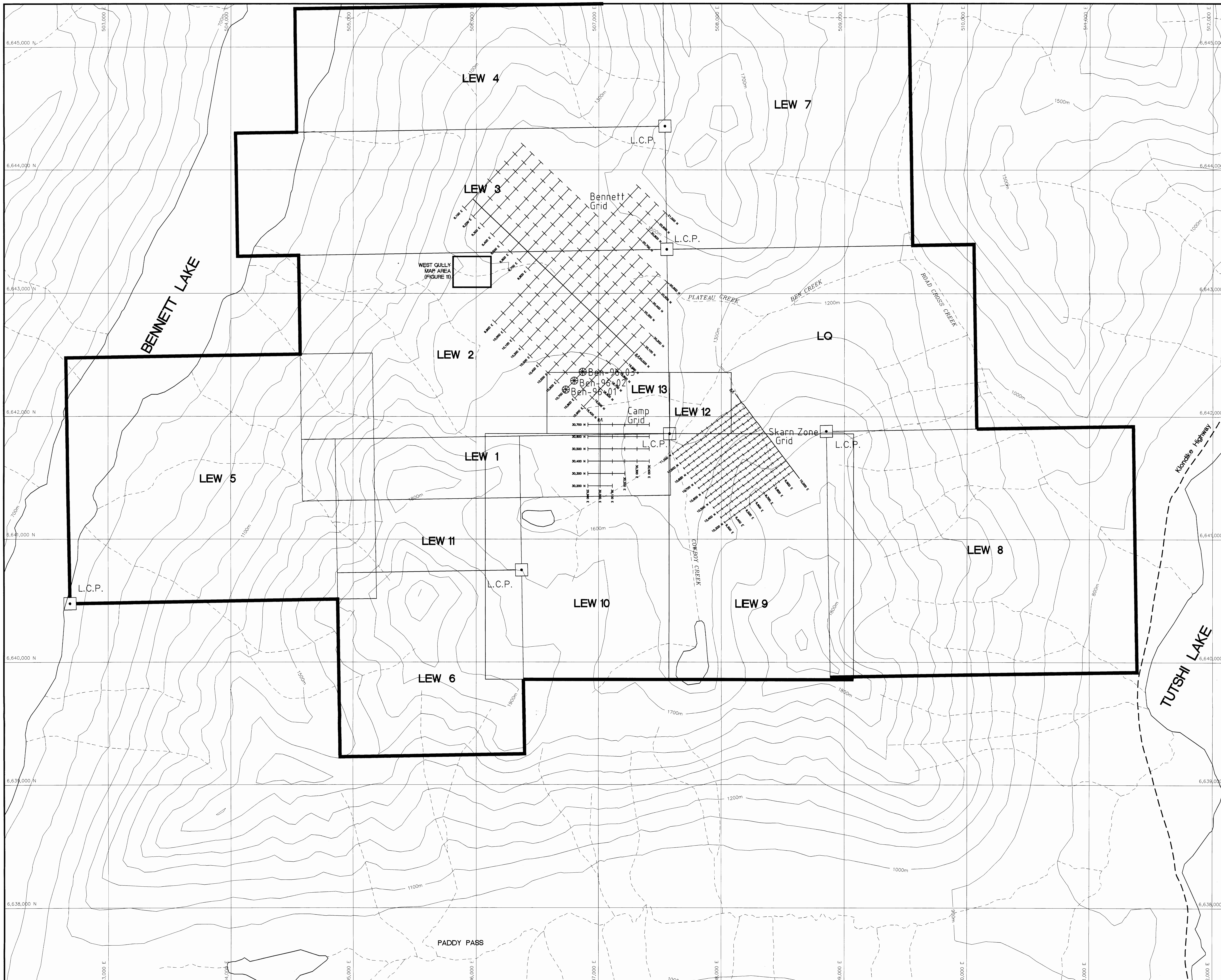
BENNETT PROJECT

COMPILATION GEOLOGY and STRUCTURE

200 0 200 400 600m

SCALE 1 : 10,000

Figure 3



UTM GRID NORTH

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

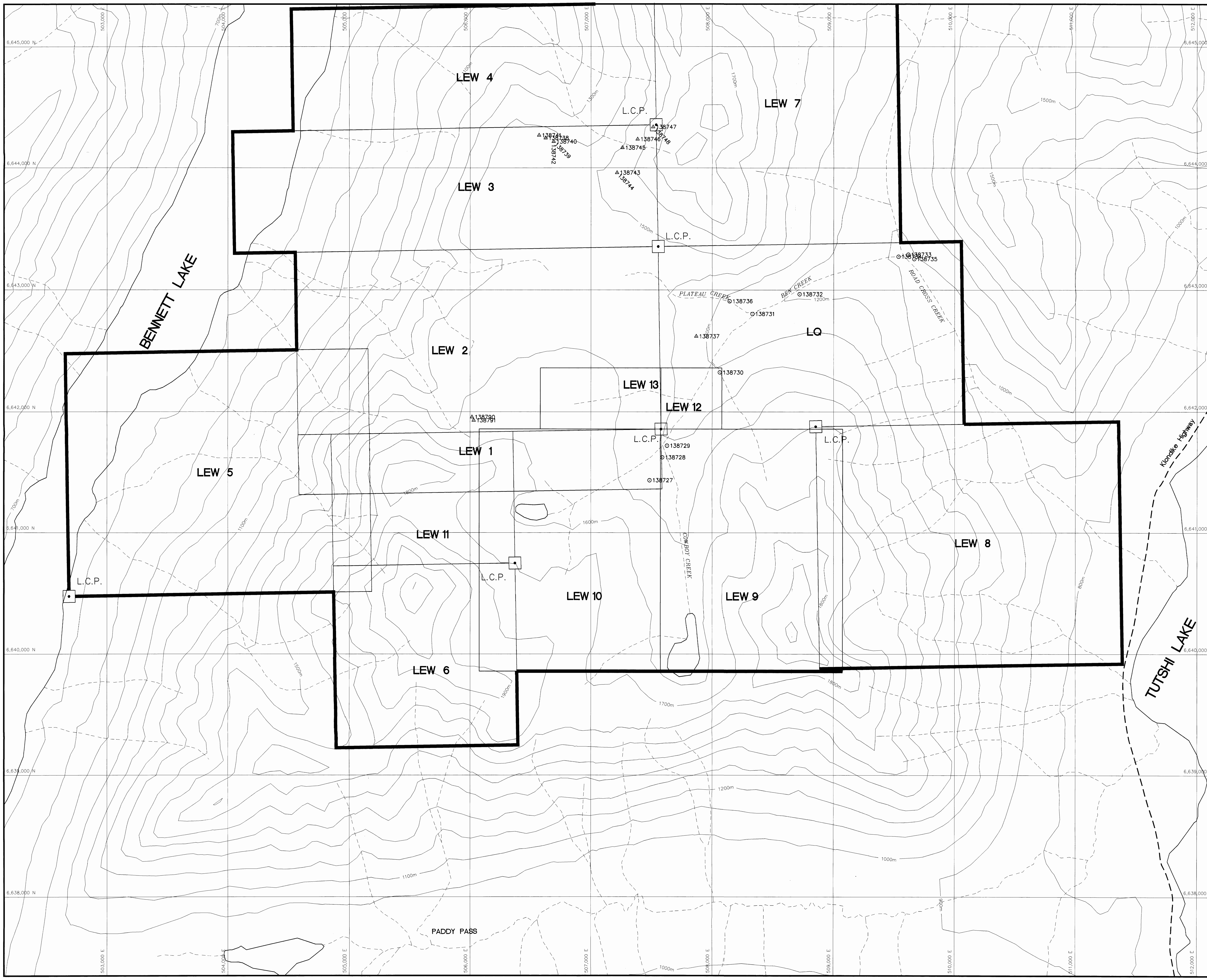
24,869

LEGEND

⊕ - Percussion drillhole

Westmin Resources Limited

Work By S. Rowins	BENNETT PROJECT
Date Drafted Jan. 15, 1997	GRID and PERCUSSION DRILLHOLE LOCATION MAP
Drafted By J.M. Klein	
Date Revised	
Revised By	
N.T.S. Number 104 M/15	200 0 200 400 600m SCALE 1 : 10,000
File Name BENCOMP	Figure 4



UTM GRID NORTH

GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT

24,869

GEOLOGICAL ASSOCIATION OF CANADA S.M. ROWINS F6362 FELLOW ASSOCIATION GÉOLOGIQUE DU CANADA

LEGEND

— — — drainage

(Note: Only major drainages are shown. Consequently, some silt samples will plot away from marked drainages.)

△123456 Rock sample

⊙123456 Stream silt sample

Westmin Resources Limited

Work By	S. Rowins
Date Drafted	Jan. 15, 1997
Drafted By	J.M. Klein
Date Revised	
Revised By	
N.T.S. Number	104 M/15
File Name	BENCOMP

BENNETT PROJECT

PROSPECTING, SAMPLE LOCATION MAP

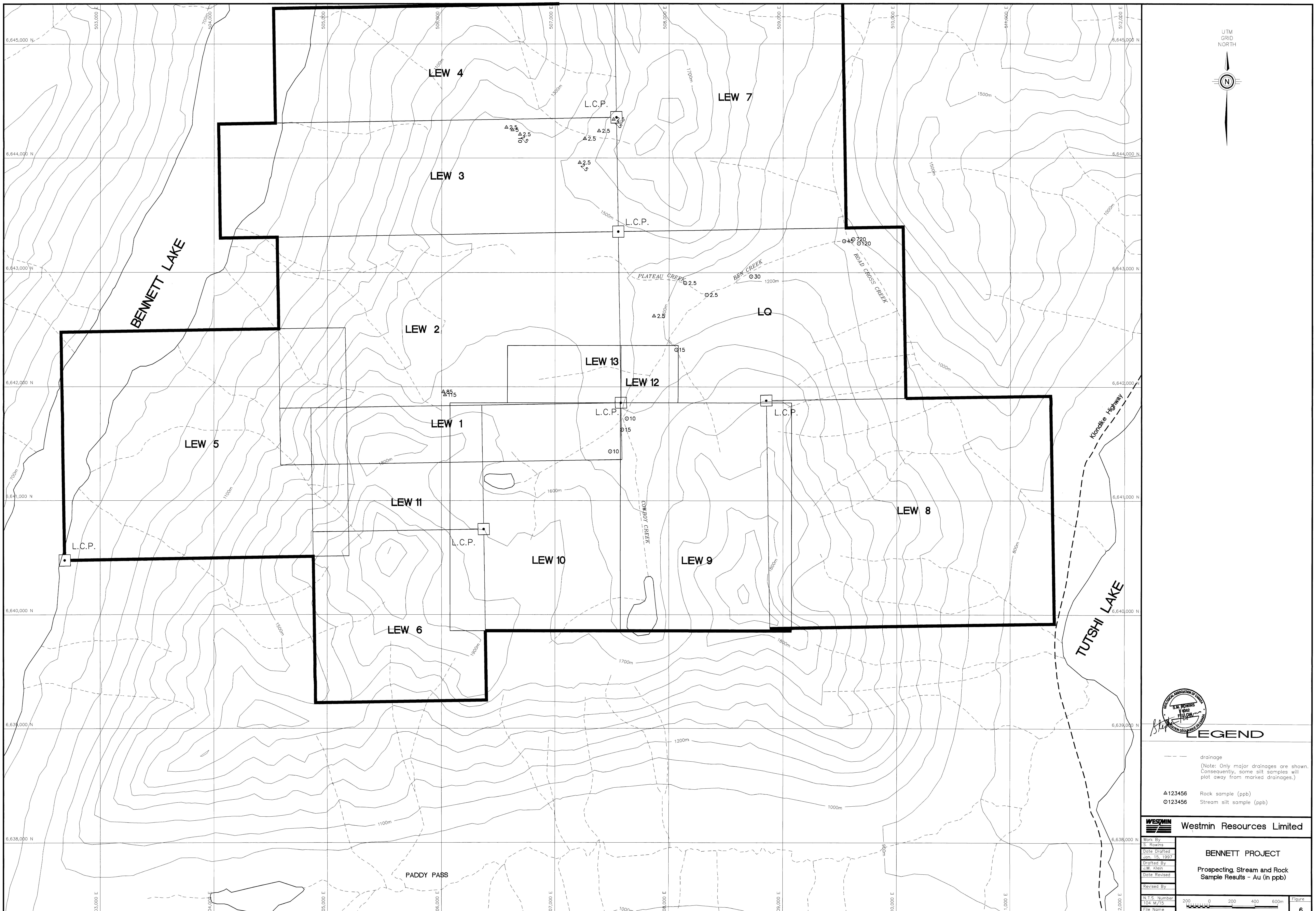
200 0 200 400 600m

SCALE 1 : 10,000

Figure 5

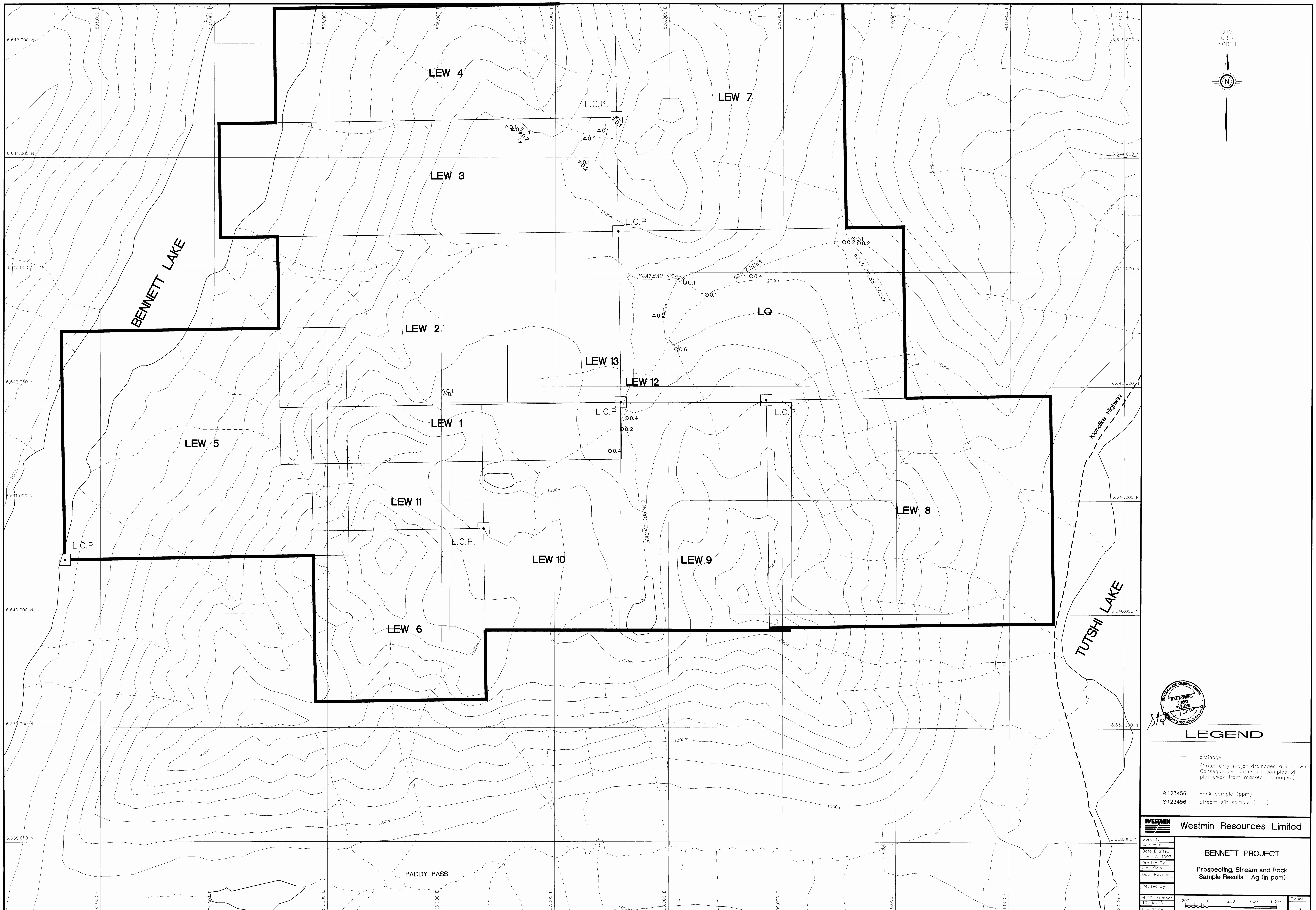
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,869



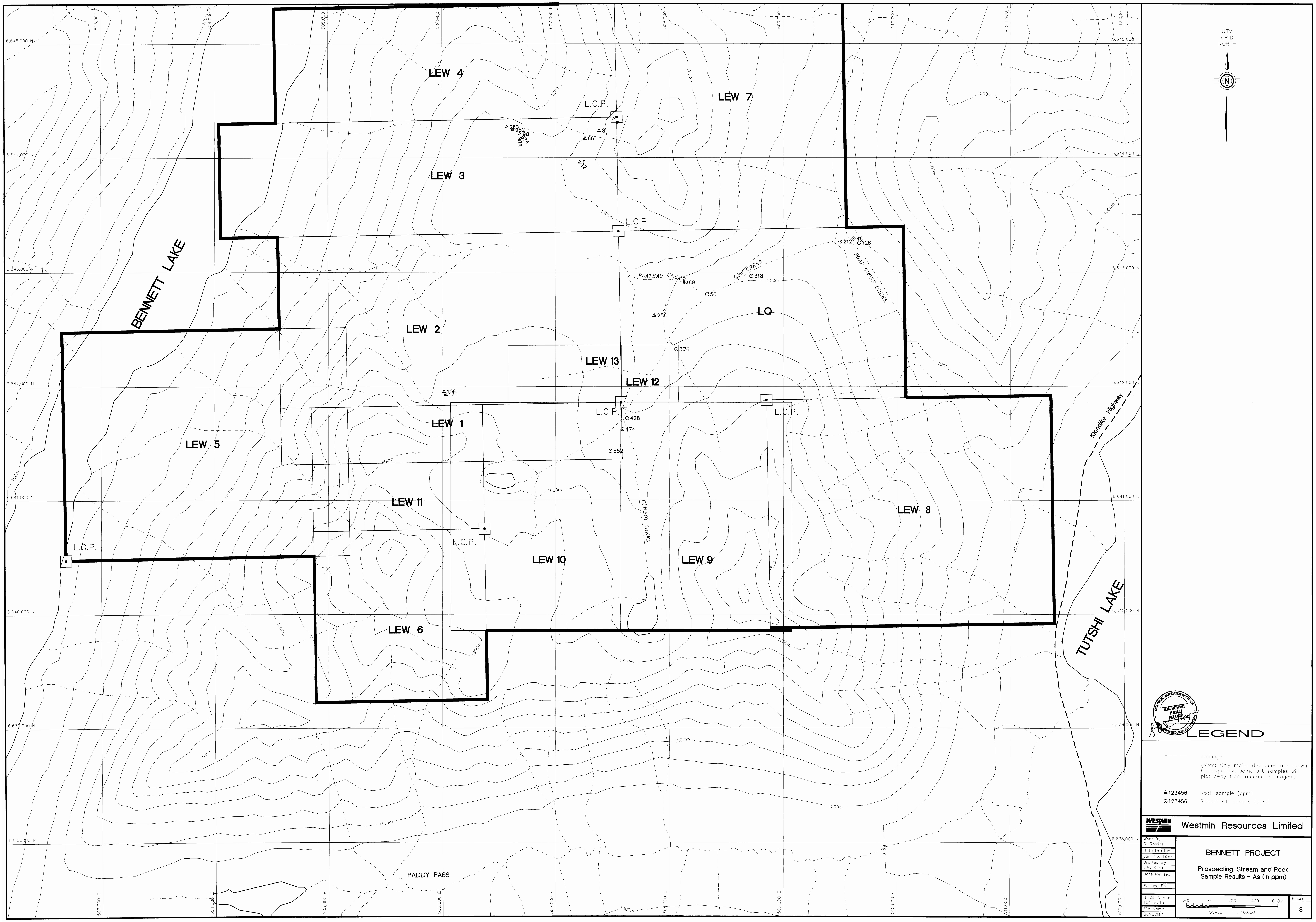
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,869



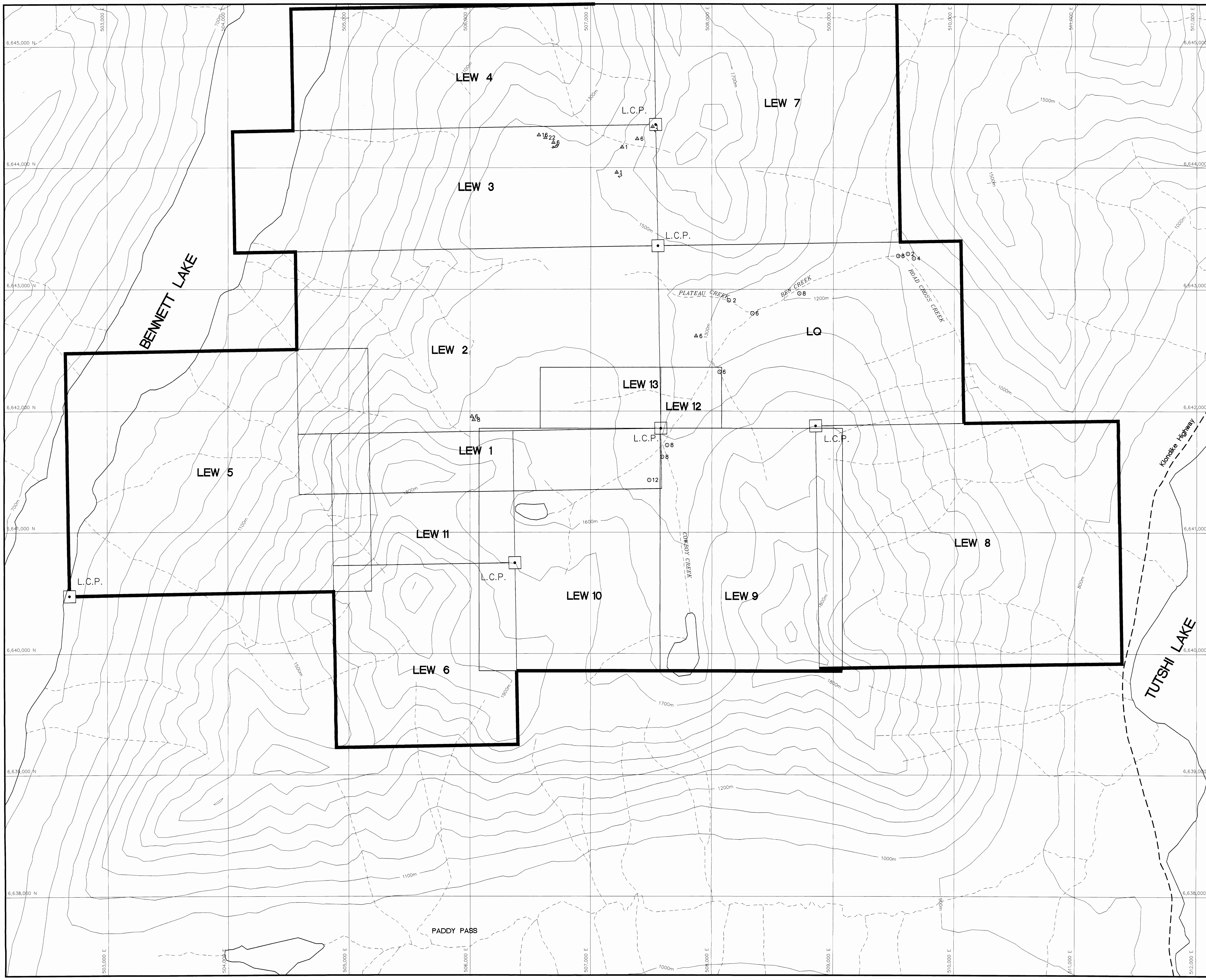
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,869



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,869



LEGEND

— — drainage

(Note: Only major drainages are shown. Consequently, some silt samples will plot away from marked drainages.)

△123456 Rock sample (ppm)

⊙123456 Stream silt sample (ppm)

Westmin Resources Limited

Work By	S. Rowins
Date Drafted	Jan. 15, 1997
Drafted By	J.M. Klein
Date Revised	
Revised By	
N.T.S. Number	104 M/15
File Name	BENCOMP

BENNETT PROJECT

Prospecting, Stream and Rock Sample Results - Sb (in ppm)

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

Figure 9

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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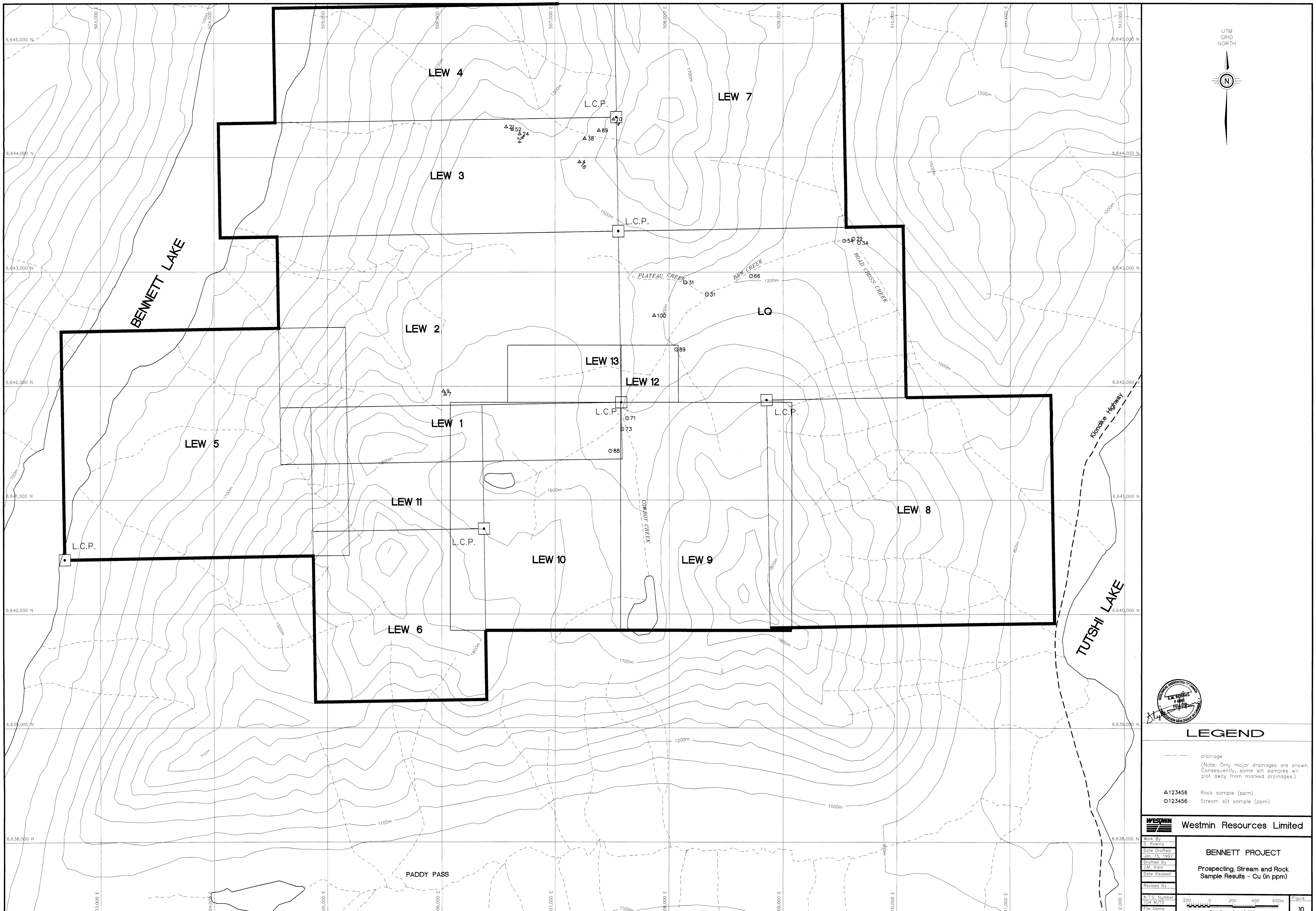

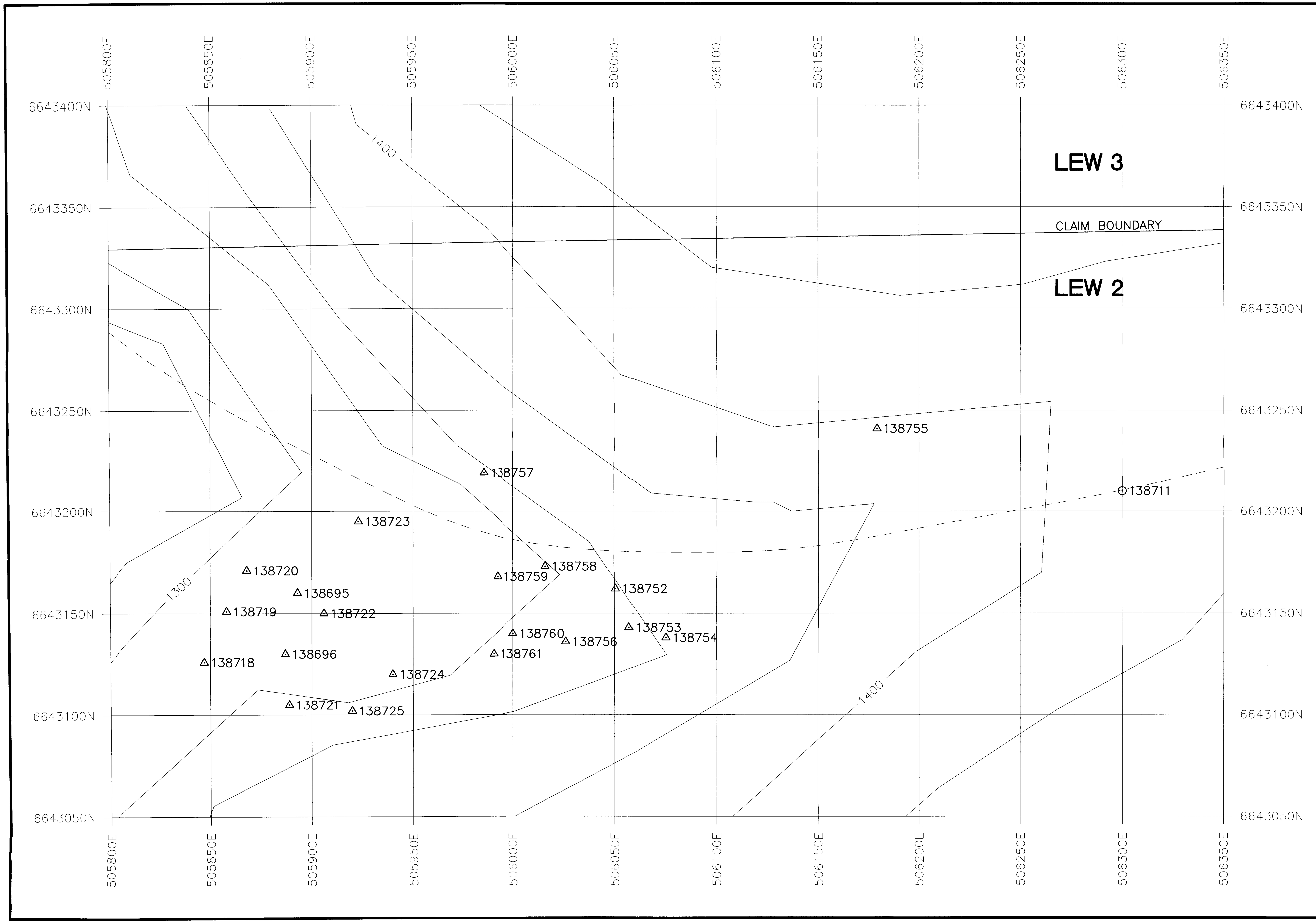

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ASSESSMENT REPORT

24,869

GEOLOGICAL ASSOCIATION OF CANADA
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LEGEND

— — — drainage

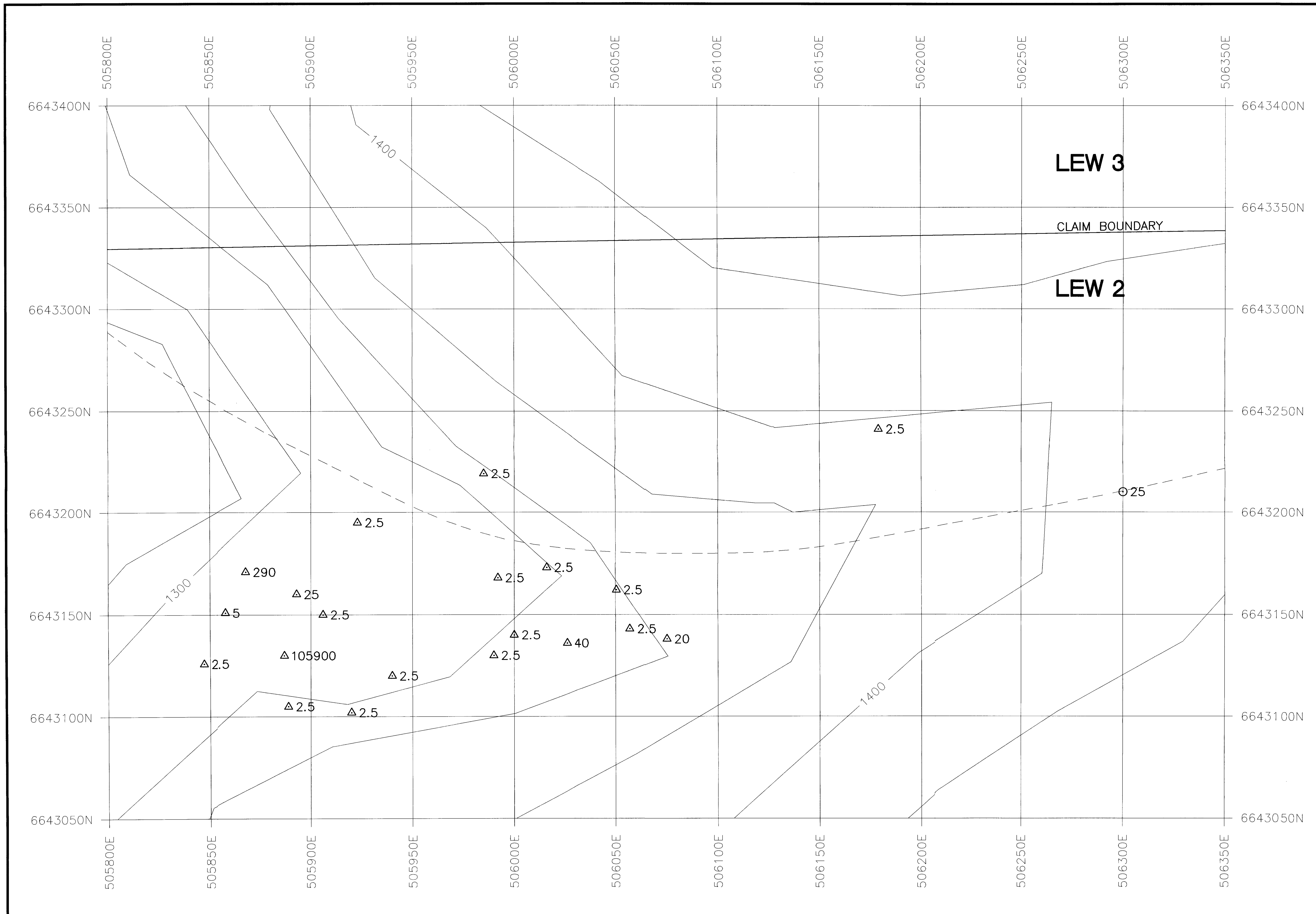
(Note: Only major drainages are shown. Consequently, some silt samples may plot away from marked drainages.)

△123456 Rock sample

⊙123456 Stream silt sample

WESTMIN Westmin Resources Limited

Work By: S. Rowins	BENNETT PROJECT WEST GULLY Sample Location Map
Date Drafted: Feb. 4, 1997	
Drafted By: J.M. Klein	
Date Revised	
Revised By	
N.T.S. Number: 104 M/15	20 0 20 40 60m SCALE 1 : 1,000
File Name: WGULCOMP	Figure 11



UTM GRID NORTH

N

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ASSESSMENT REPORT

24,869

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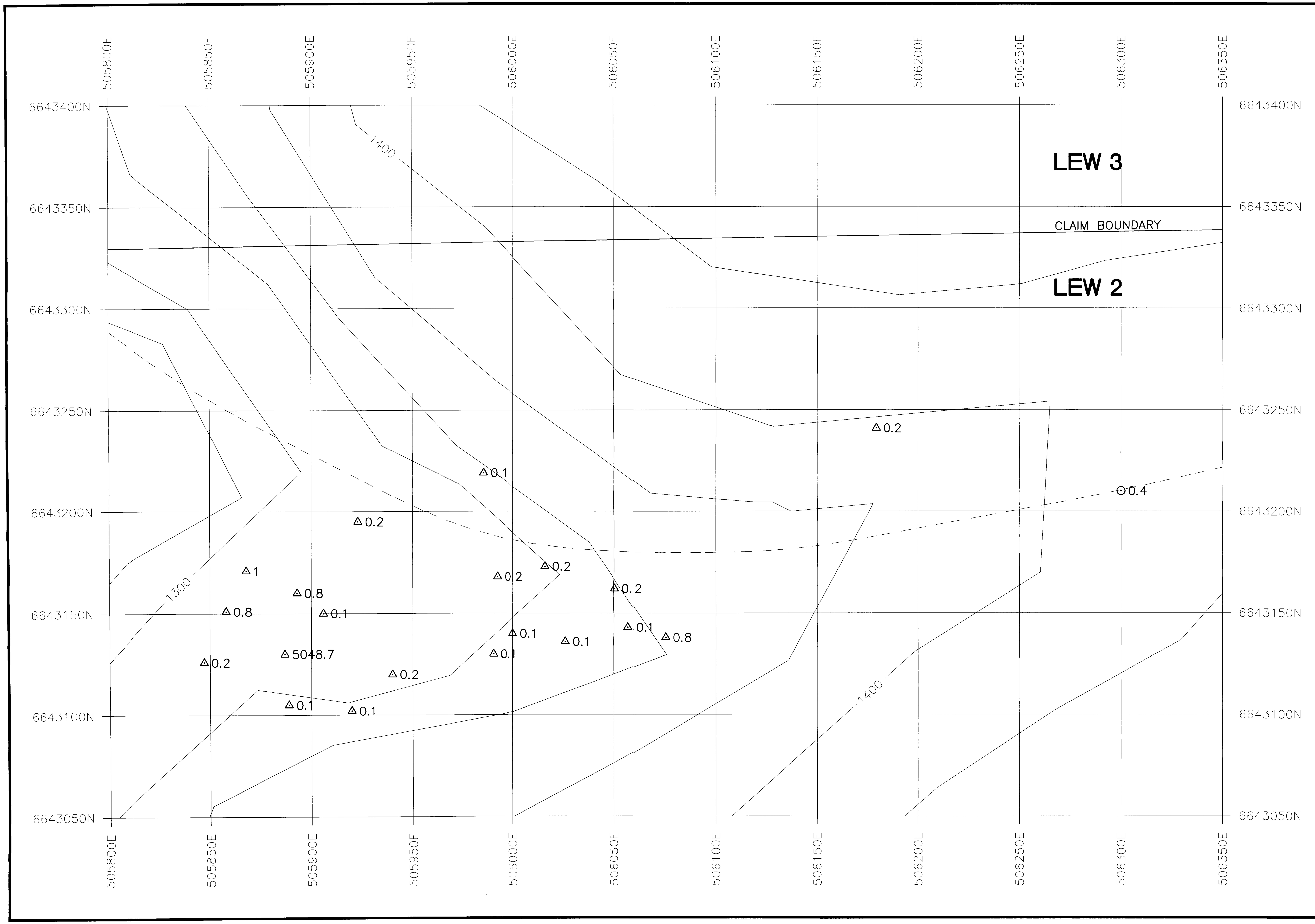
ASSOCIATION GÉOLOGIQUE DU CANADA

LEGEND

— — —	drainage (Note: Only major drainages are shown. Consequently, some silt samples may plot away from marked drainages.)
△123456	Rock sample (ppb)
⊙123456	Stream silt sample (ppb)

Westmin Resources Limited

Work By: S. Rowins	BENNETT PROJECT WEST GULLY
Date Drafted: Feb. 4, 1997	
Drafted By: J.M. Klein	Rock and Stream Sample Results Au (in ppb)
Date Revised:	
Revised By:	
N.T.S. Number: 104 M/15	20 0 20 40 60m SCALE 1 : 1,000
File Name: WGULCOMP	Figure 12



UTM
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ASSESSMENT REPORT

24,869

S.M. ROWINS
F 6362
FELLOW

LEGEND

drainage

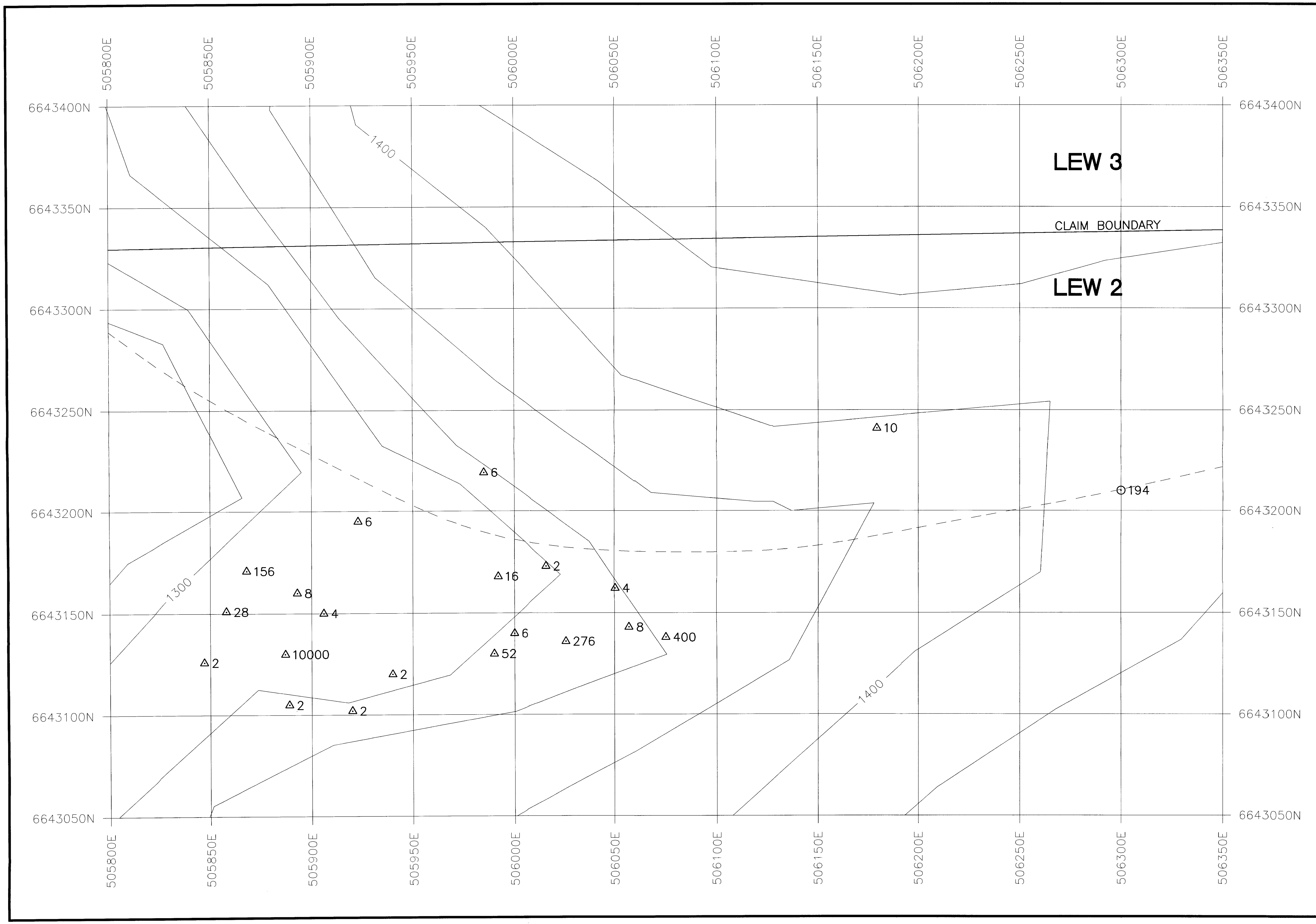
(Note: Only major drainages are shown. Consequently, some silt samples may plot away from marked drainages.)

△123456 Rock sample (ppm)

⊙123456 Stream silt sample (ppm)

Westmin Resources Limited

Work By: S. Rowins	BENNETT PROJECT
Date Drafted: Feb. 4, 1997	WEST GULLY
Drafted By: J.M. Klein	Rock and Stream Sample Results
Date Revised	Ag (in ppm)
Revised By	
N.T.S. Number: 104 M/15	20 0 20 40 60m SCALE 1 : 1,000
File Name: WGULCOMP	Figure 13



UTM GRID NORTH

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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S.M. ROWINS F 6362 FELLOW — GEOLOGICAL ASSOCIATION OF CANADA / ASSOCIATION GÉOLOGIQUE DU CANADA

LEGEND

— — — drainage

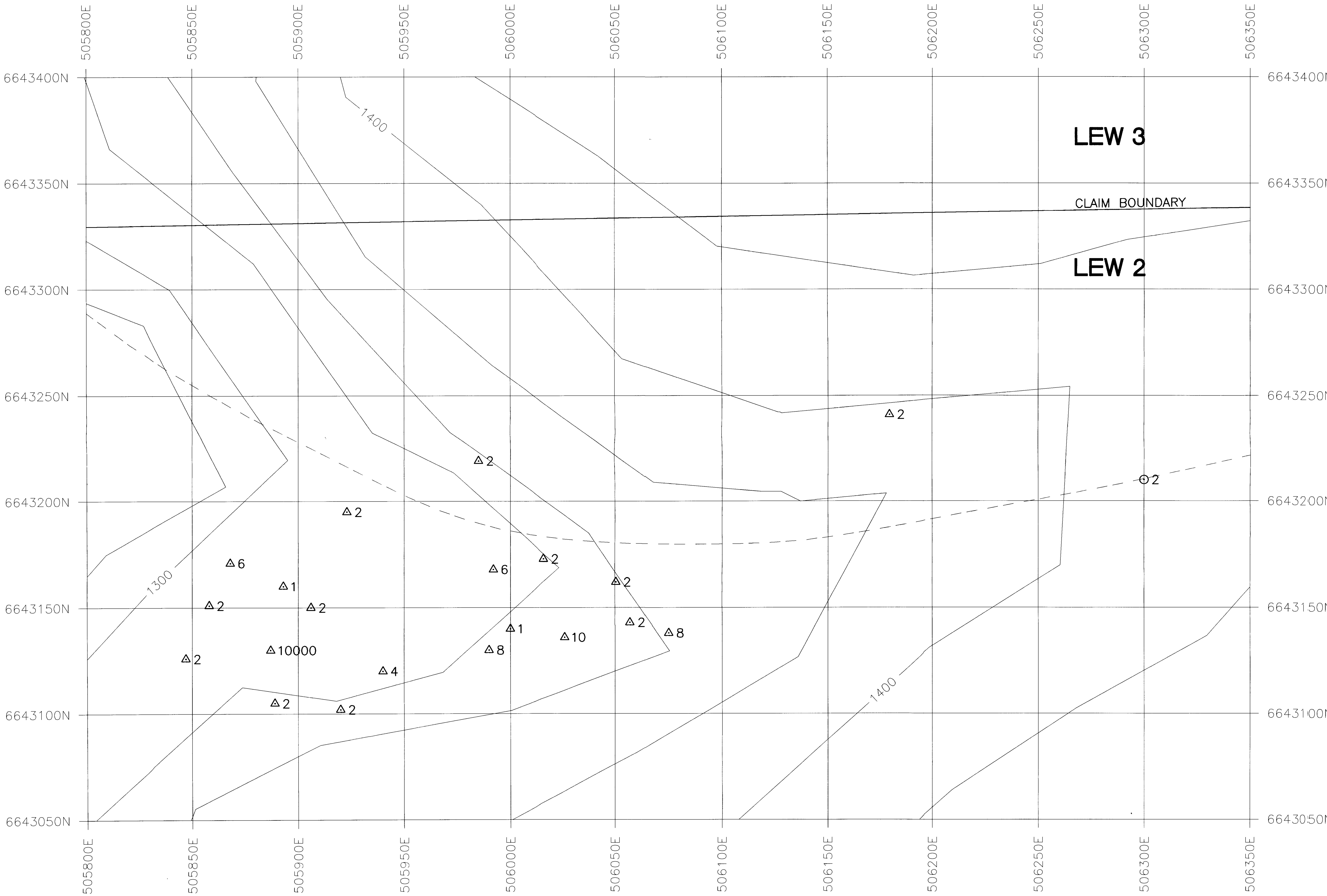
(Note: Only major drainages are shown. Consequently, some silt samples may plot away from marked drainages.)

△123456 Rock sample (ppm)

⊙123456 Stream silt sample (ppm)

WESTMIN Westmin Resources Limited

Work By: S. Rowins	
Date Drafted: Feb. 4, 1997	BENNETT PROJECT WEST GULLY Rock and Stream Sample Results As (in ppm)
Drafted By: J.M. Klein	
Date Revised:	
Revised By:	
N.T.S. Number: 104 M/15	SCALE 1 : 1,000 (20 0 20 40 60m)
File Name: WGULCOMP	Figure 14



UTM GRID NORTH

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,869

GEOLOGICAL ASSOCIATION OF CANADA
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F 6362
FELLOW
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LEGEND

— — drainage

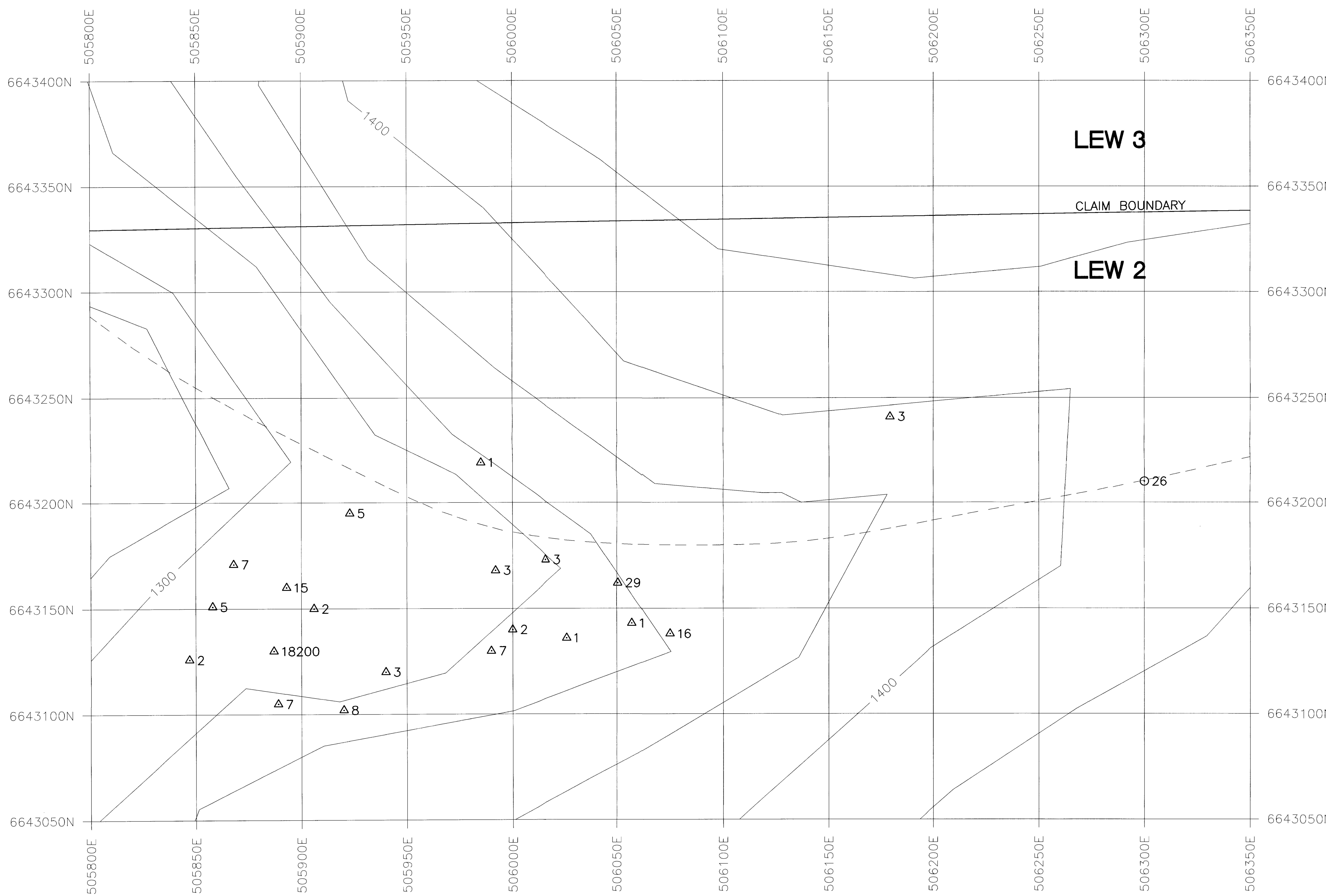
(Note: Only major drainages are shown. Consequently, some silt samples may plot away from marked drainages.)

△123456 Rock sample (ppm)

⊙123456 Stream silt sample (ppm)

Westmin Resources Limited

Work By: S. Rowins	BENNETT PROJECT
Date Drafted: Feb. 4, 1997	WEST GULLY
Drafted By: J.M. Klein	Rock and Stream Sample Results
Date Revised:	Sb (in ppm)
Revised By:	
N.T.S. Number: 104 M/15	SCALE 1 : 1,000 (20 0 20 40 60m)
File Name: WGULCOMP	Figure 15



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GRID
NORTH

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GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,869

GEOLOGICAL ASSOCIATION OF CANADA
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LEGEND

— — — drainage

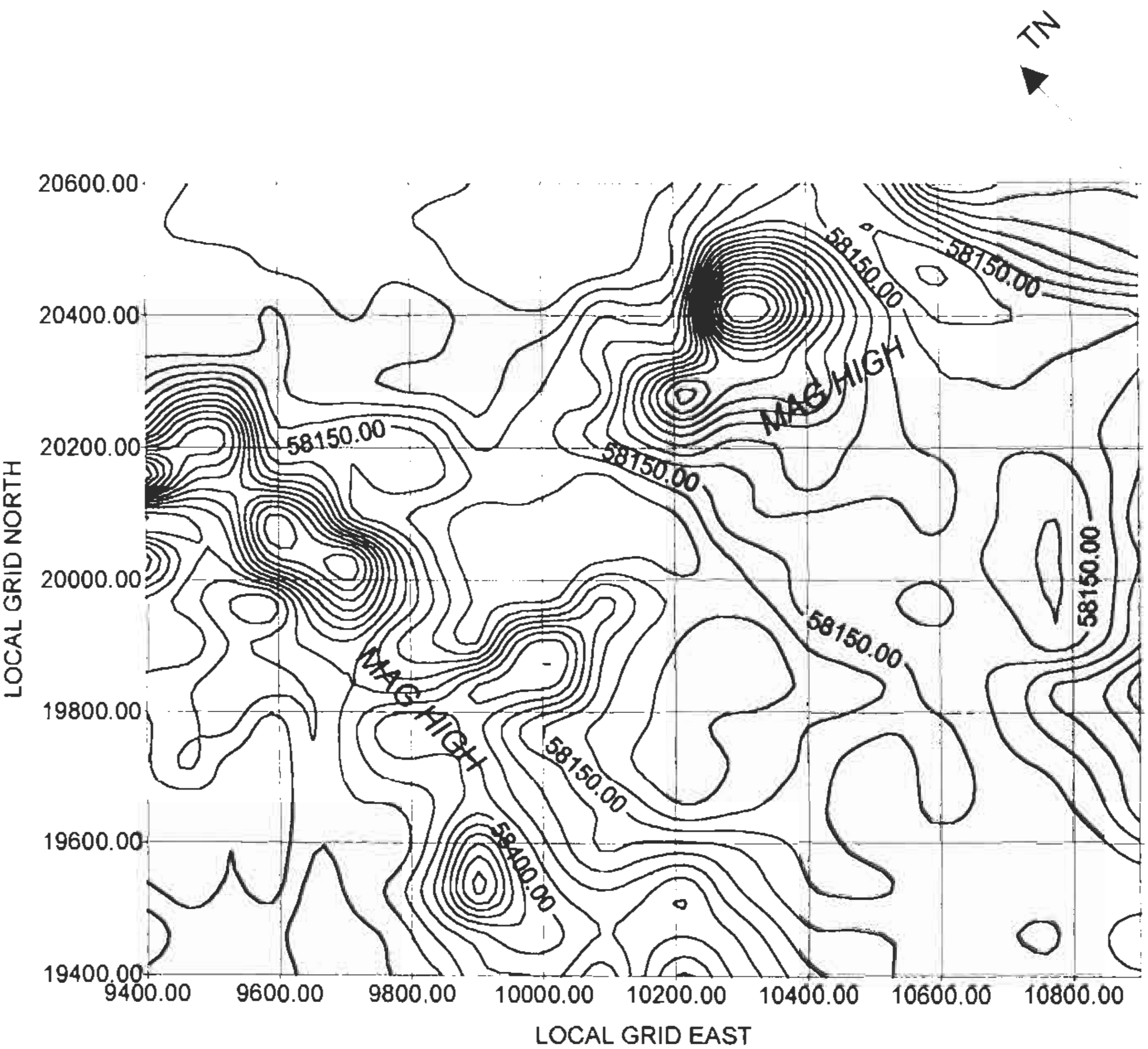
(Note: Only major drainages are shown. Consequently, some silt samples may plot away from marked drainages.)

△123456 Rock sample (ppm)

⊙123456 Stream silt sample (ppm)

WESTMIN Westmin Resources Limited

Work By S. Rowins	BENNETT PROJECT WEST GULLY
Date Drafted Feb. 4, 1997	
Drafted By J.M. Klein	Rock and Stream Sample Results Cu (in ppm)
Date Revised	
Revised By	
N.T.S. Number 104 M/15	20 0 20 40 60m SCALE 1 : 1,000
File Name WGULCOMP	Figure 16



Scale 1:10,000

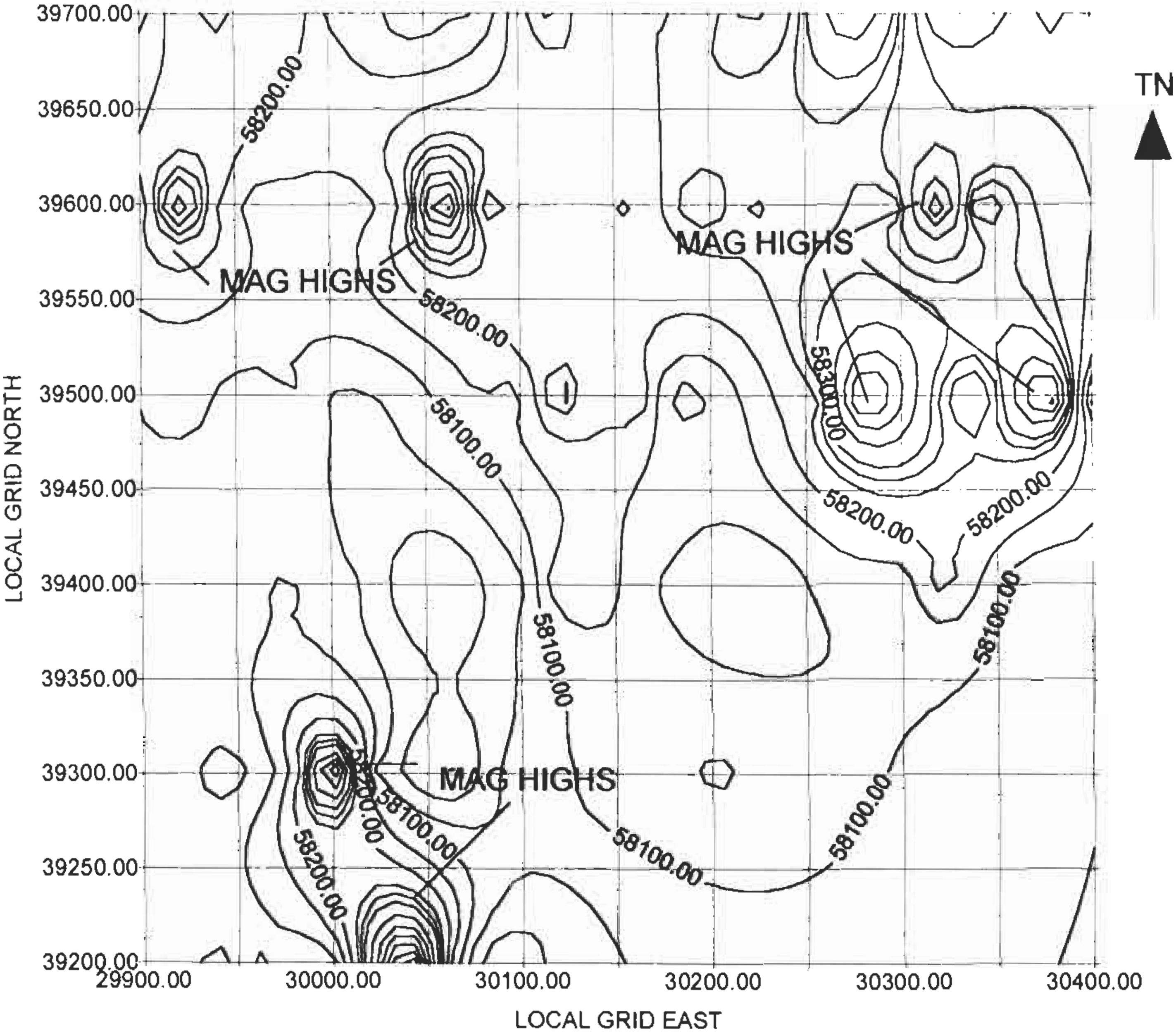
0 100 200 300 400 m

Contour interval: 50 nT
minimum value: 57900 nT
maximum value: 58800 nT

FIGURE 17
Westmin Resources Ltd.
Bennett Project

CONTOURED PLOT OF CORRECTED MAGNETOMETER DATA ON THE BENNETT GRID

Work by S. Rowins & L. Poznikoff
September, 1996



Scale 1:3,300

0 50 100 m

Contour Interval: 50 nT

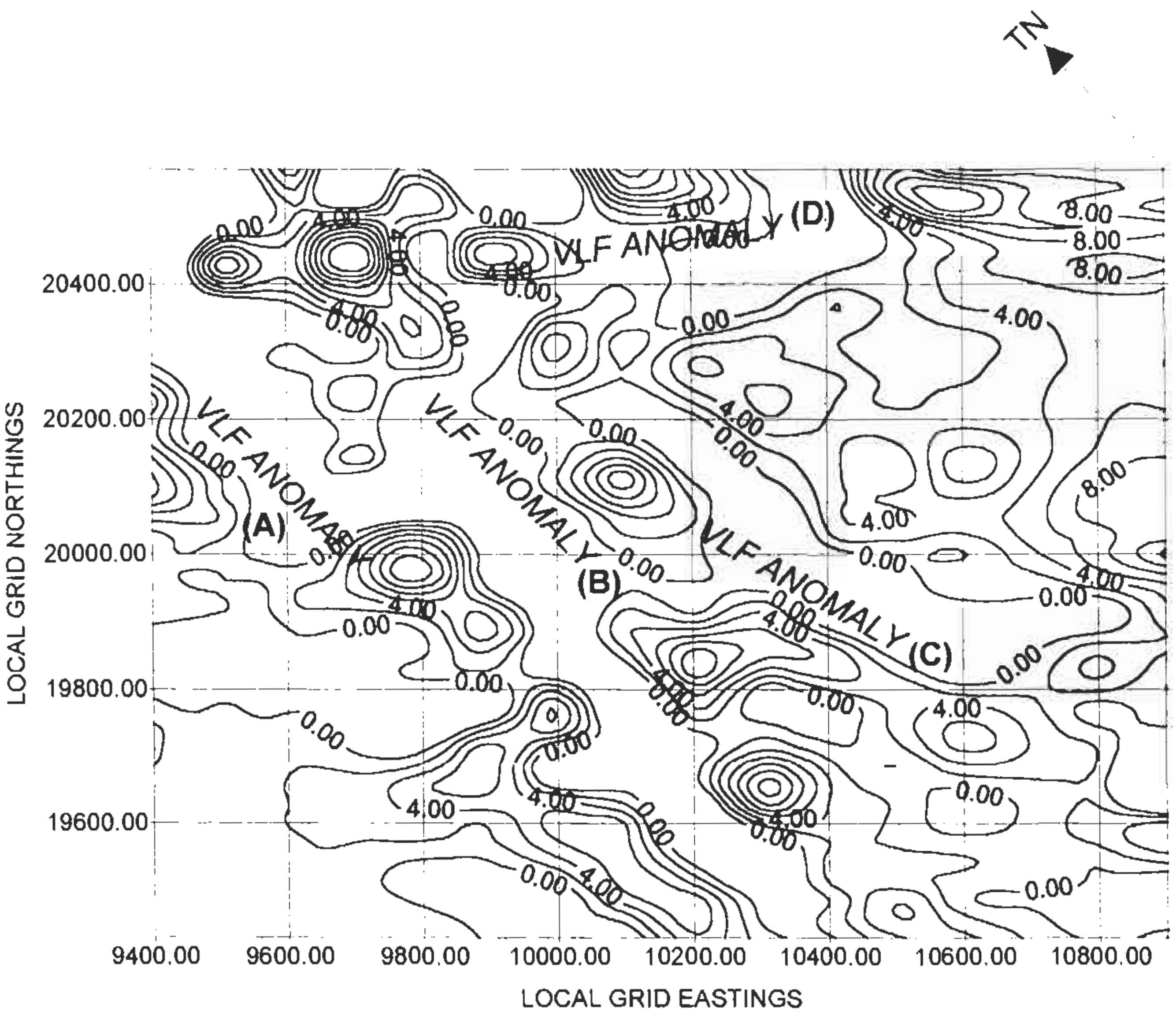
Minimum value: 57900 nT

Maximum value: 58600 nT

FIGURE 18
Westmin Resources Ltd.
Bennett Project

CONTOURED PLOT OF CORRECTED MAGNETOMETER DATA ON THE CAMP GRID

Work by S. Rowins & L. Poznikoff
September, 1996



Scale 1:10,000

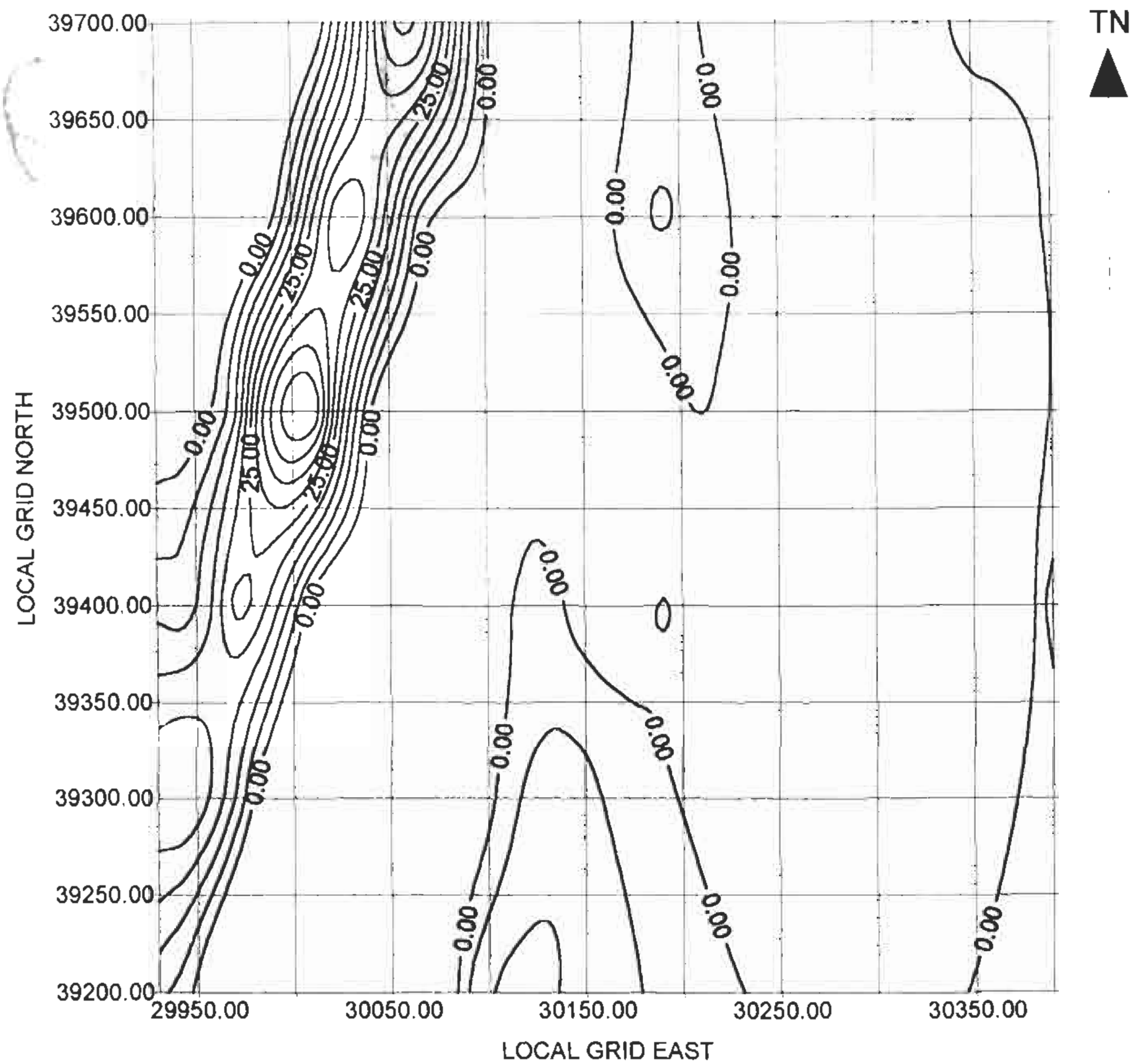
0 100 200 300 400 m

Contour interval: 2
minimum value: 0
maximum value: 16

FIGURE 19
Westmin Resources Ltd.
Bennett Project

FRASER-FILTERED IN-PHASE VLF DATA FOR FREQUENCY 21.4 kHz ON THE BENNETT GRID

Work by S. Rowins & L. Poznikoff
September, 1996



Scale 1:3,300

0 50 100 m

Contour interval: 5
Minimum value: 0
Maximum value: 45

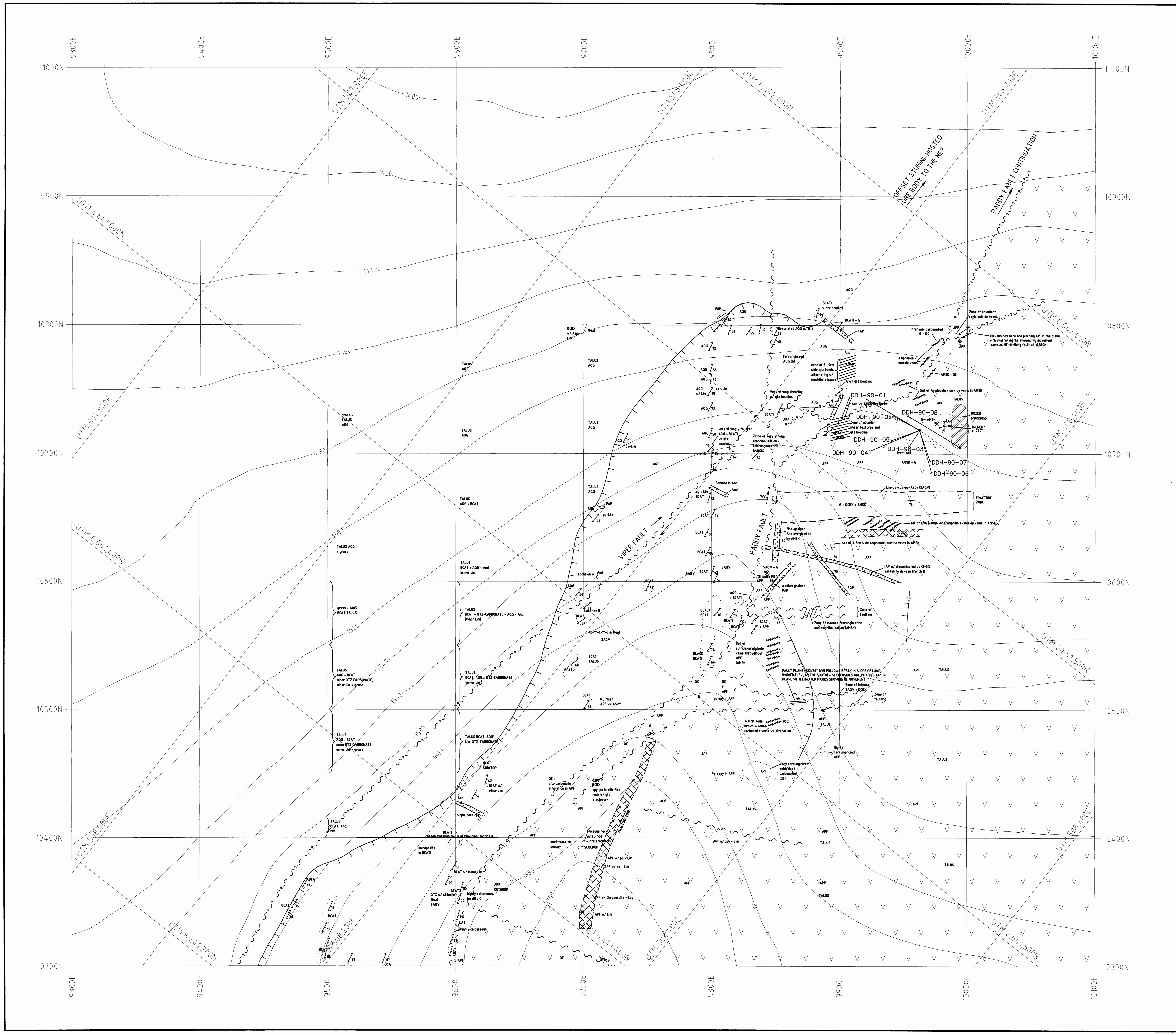
FIGURE 20
Westmin Resources Ltd.
Bennett Project

FRASER-FILTERED IN-PHASE VLF DATA FOR FREQUENCY 21.4 kHz ON THE CAMP GRID

Work by S. Rowins & L. Poznikoff
September, 1996

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,869



LEGEND

LAYERED ROCKS

UPPER TRIASSIC STUHINI GROUP V V

APF — Augite porphyry flow. Dark green, medium-grained, massive to moderately foliated.

SCAT — Crystal ash tuff. Light to medium greenish grey, fine to very fine-grained, thinly layered.

PALEOZOIC TO PROTEROZOIC BOUNDARY RANGES METAMORPHICS

AQG — Amphibole-quartz gneiss. Highly deformed, fine-grained, compositionally banded with medium-green bands alternating with greyish white bands.

BCAT — Crystal ash to lapilli-tuff. Greyish block, fine to very fine-grained, laminated, highly deformed.

BCATI — Very highly strained and metamorphosed BCAT. Block colour and thinly laminated nature give it the appearance of an argillite rather than a tuff.

INTRUSIVE ROCKS

(AGE UNKNOWN; YOUNGER THAN UPPER TRIASSIC; PROBABLE CRETACEOUS AGE)

FAP — Feldspar (± quartz) amphibole porphyry. Greyish green, fine to medium-grained hosting euhedral, 1 to 3 mm wide, phenocrysts of plagioclase and amphibole. Rare "quartz-eye" phenocrysts.

FQP — Feldspar-quartz porphyry. Same as FAP, but more felsic composition.

And — Andesitic (intermediate) dyke. Medium-grey, fine-grained, equigranular; rarely porphyritic.

MINERALIZATION

AMSK — Amphibole-albite-calcite-sulphide skarn. Dark green, massive to amphibole veined. Strong ferrunginization common.

QC — Zone of quartz-carbonate veins. Buff-brown to orange-brown; veins typically associated with fault and fracture zones; may contain significant sulphide minerals; typically less than 10 cm wide.

G — Iron-sulphide gossan. Orange-brown, soft and friable to hard and silicified outcrops of limonite, carbonate, and sulphides.

QCBX — Quartz-carbonate breccias. Brownish-orange matrix supports fragments of grey vein quartz, creamy-white vein carbonate, and lesser APF and SCAT.

SAQV — Stibnite-arsenopyrite-quartz veins. Massive texture with yellowish green scorodite (after arsenopyrite) alteration; range from several centimetres up to 50 cm in width.

MINERALOGICAL ABBREVIATIONS

qtz	quartz
po	pyrrhotite
py	pyrite
cpy	chalcopyrite
Lim	limonite
aspy	arsenopyrite
sb	stibnite
Amp	amphibole
carb	carbonate

SYMBOLS

Fault movement
Quartz vein (inclined, vertical)
Geological boundaries (known, approximate, assumed)
Unconformity (defined, assumed)
Bedding (inclined, vertical)
Schistosity, foliation (inclined, vertical)
Joint (inclined, vertical)
Dyke (inclined, vertical)
Anticline (defined, approximate, assumed)
Syncline (defined, approximate, assumed)
Minor fold hingeline
Shear zone (defined, assumed)
Lineation, undefined
Mineral occurrence (trenching and/or blasting)
Trench
Breccia and/or fracture zone
Vein
Fault movement direction
Limit of outcrop
Dyke
Stuhini Group rocks
diamond drill hole

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Westmin Resources Limited

Work By	S. Rowins/B. Wakeman
Date Drafted	Jan. 24, 1997
Drafted By	J.M. Klein
Date Revised	
Revised By	
N.T.S. Number	104 M/15
File Name	SKRNCOMP

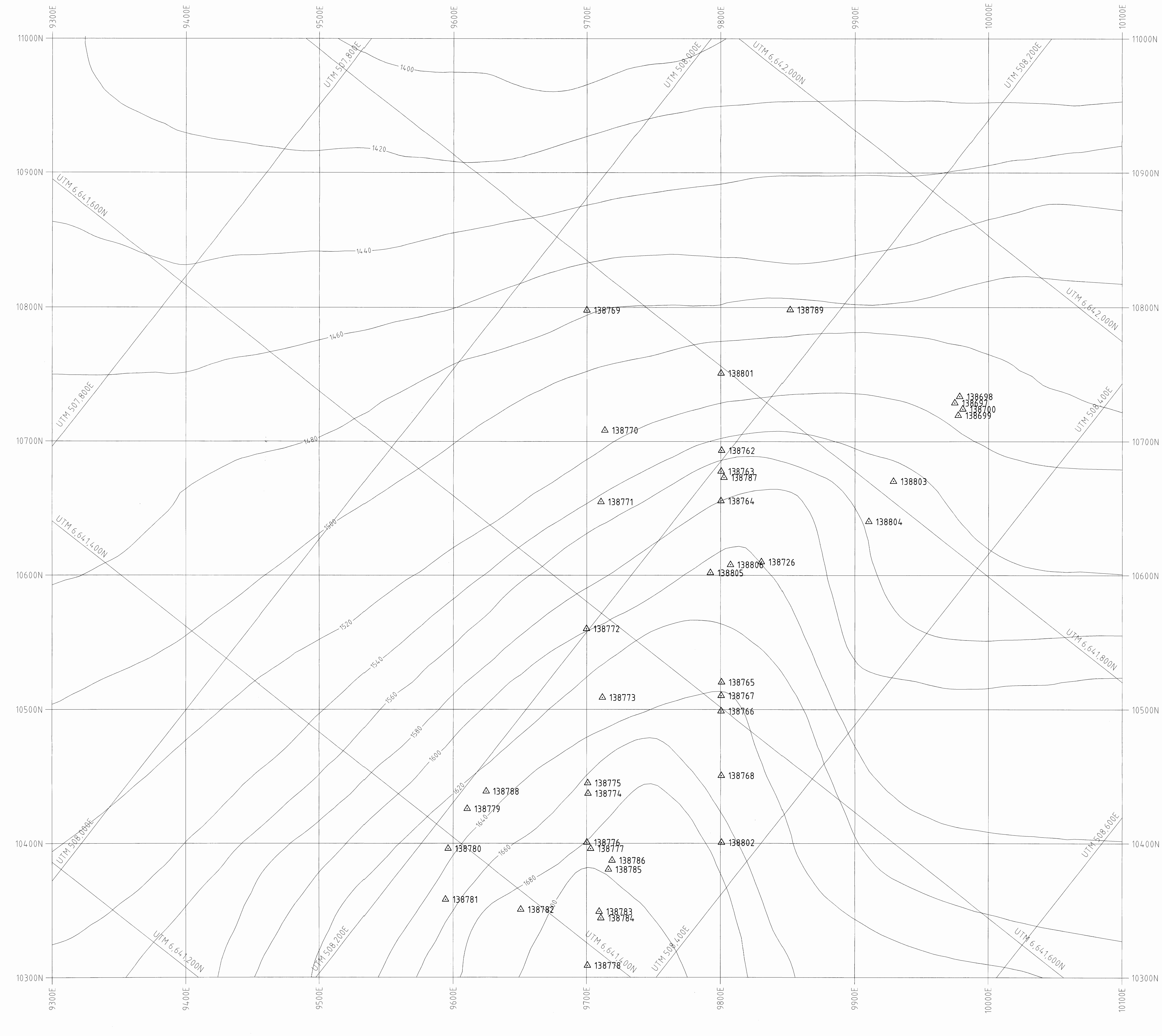
BENNETT PROJECT
SKARN ZONE
COMPILATION GEOLOGY and STRUCTURE

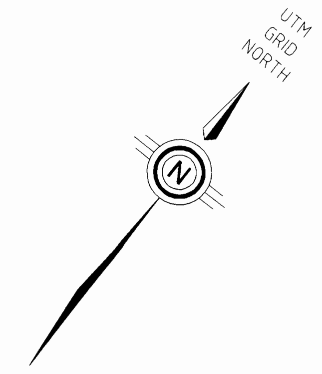
20 0 20 40 60m
SCALE 1 : 1,000

Figure 21

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,869





LEGEND

△ 123456 Westmin rock sample 1996

Westmin Resources Limited

Work By	S. Rowins/B. Wakeman
Date Drafted	Jan. 24, 1997
Drafted By	J.M. Klein
Date Revised	
Revised By	
N.T.S. Number	104 M/15
File Name	SKRNCOMP

BENNETT PROJECT
SKARN ZONE

SAMPLE LOCATION MAP

20 0 20 40 60m
SCALE 1 : 1,000

Figure 22

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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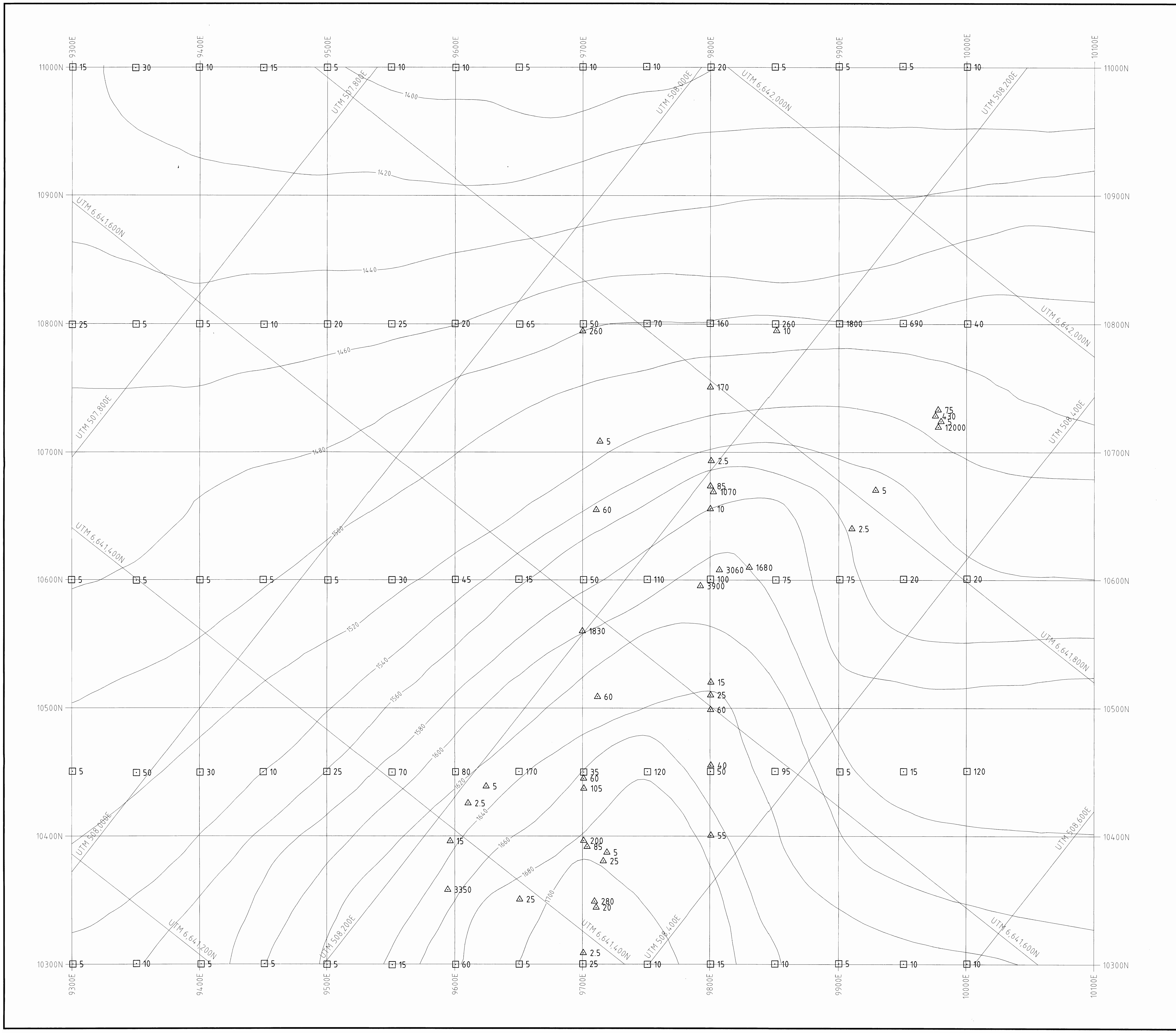
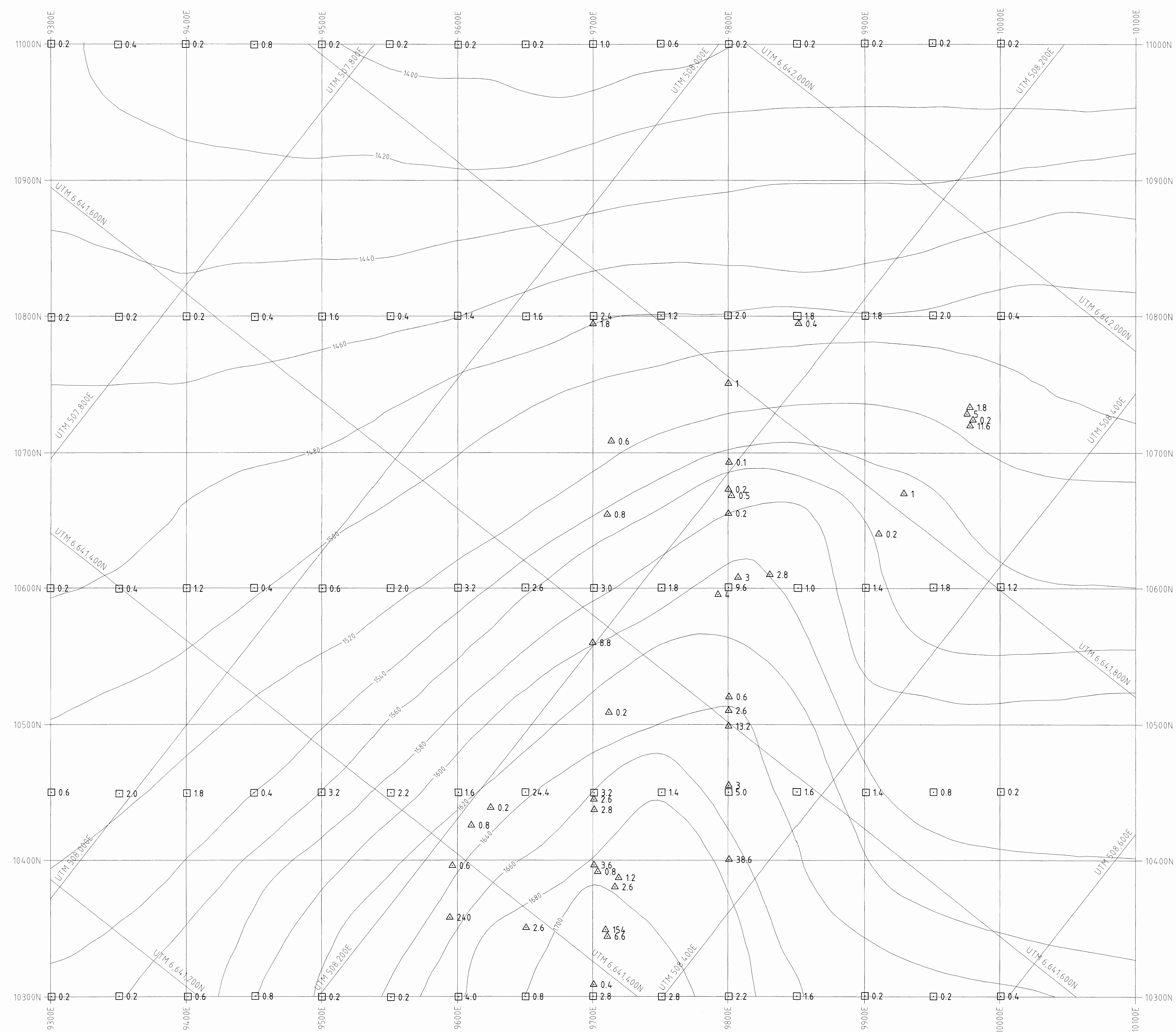


LEGEND

△ 123456 Westmin rock sample 1996 (ppb)
⊡ 123456 Noranda soil sample 1993 (ppb)

Westmin Resources Limited

Work By: S. Powles/S. Wolverton	BENNETT PROJECT SKARN ZONE
Date Drafted: Jan. 24, 1997	Rock and Soil Sample Results - Au (in ppb)
Drafted By: J.M. Klein	
Date Revised	
Revised By	
N.T.S. Number: 104 M/15	SCALE 1 : 1,000
File Name: SKRCOMP	Figure 23



UTM GRID NORTH

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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LEGEND

△ 123456 Westmin rock sample 1996 (ppm)

⊡ 123456 Noranda soil sample 1993 (ppm)

Westmin Resources Limited

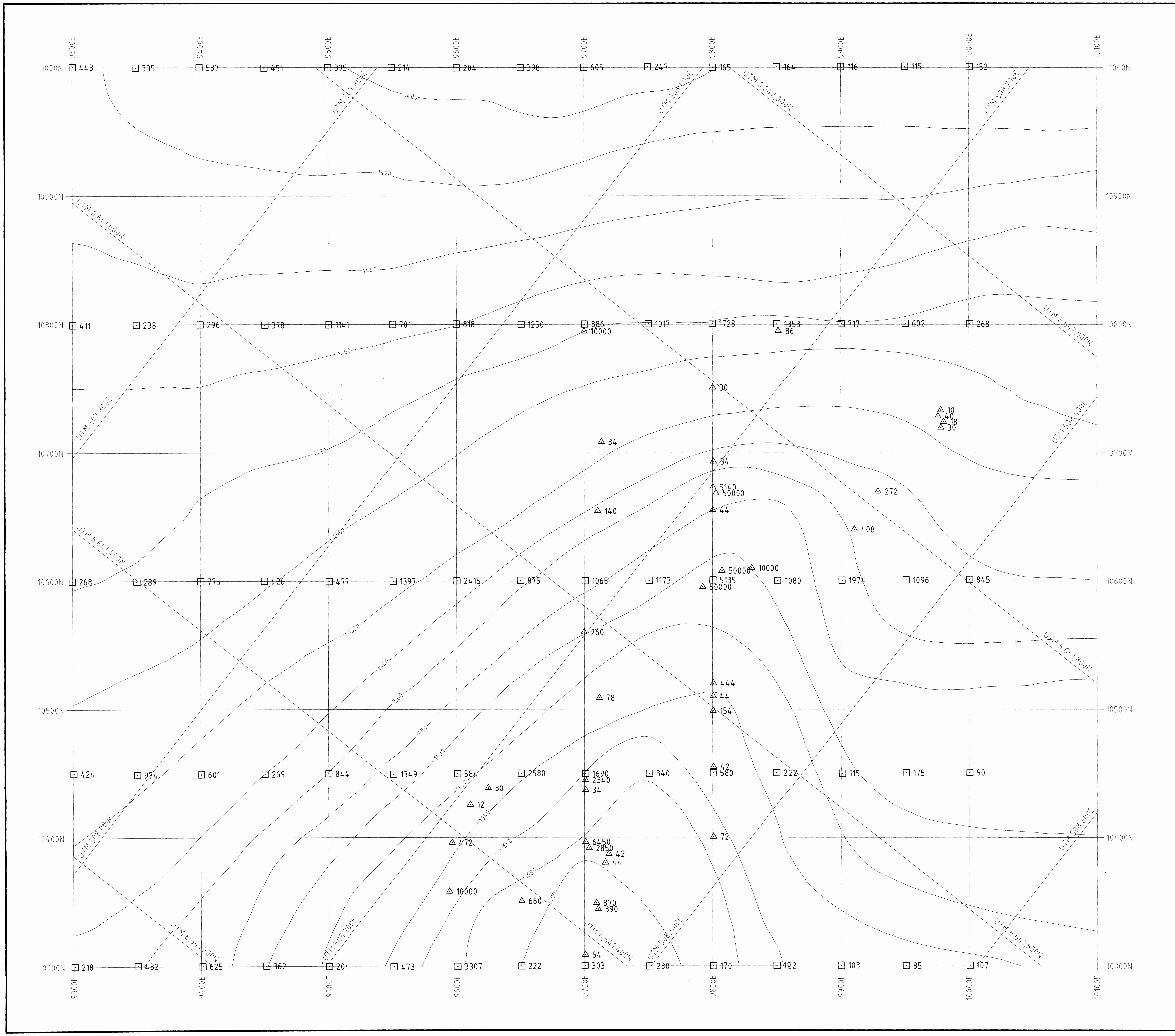
BENNETT PROJECT
SKARN ZONE

Rock and Soil Sample Results - Ag (in ppm)

Work By
Date Drafted Jan. 24, 1997
Drafted By J.M. Klein
Date Revised
Revised By
N.T.S. Number 104 M/15
File Name SKRNCOMP

SCALE 1 : 1,000

Figure 24



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,869

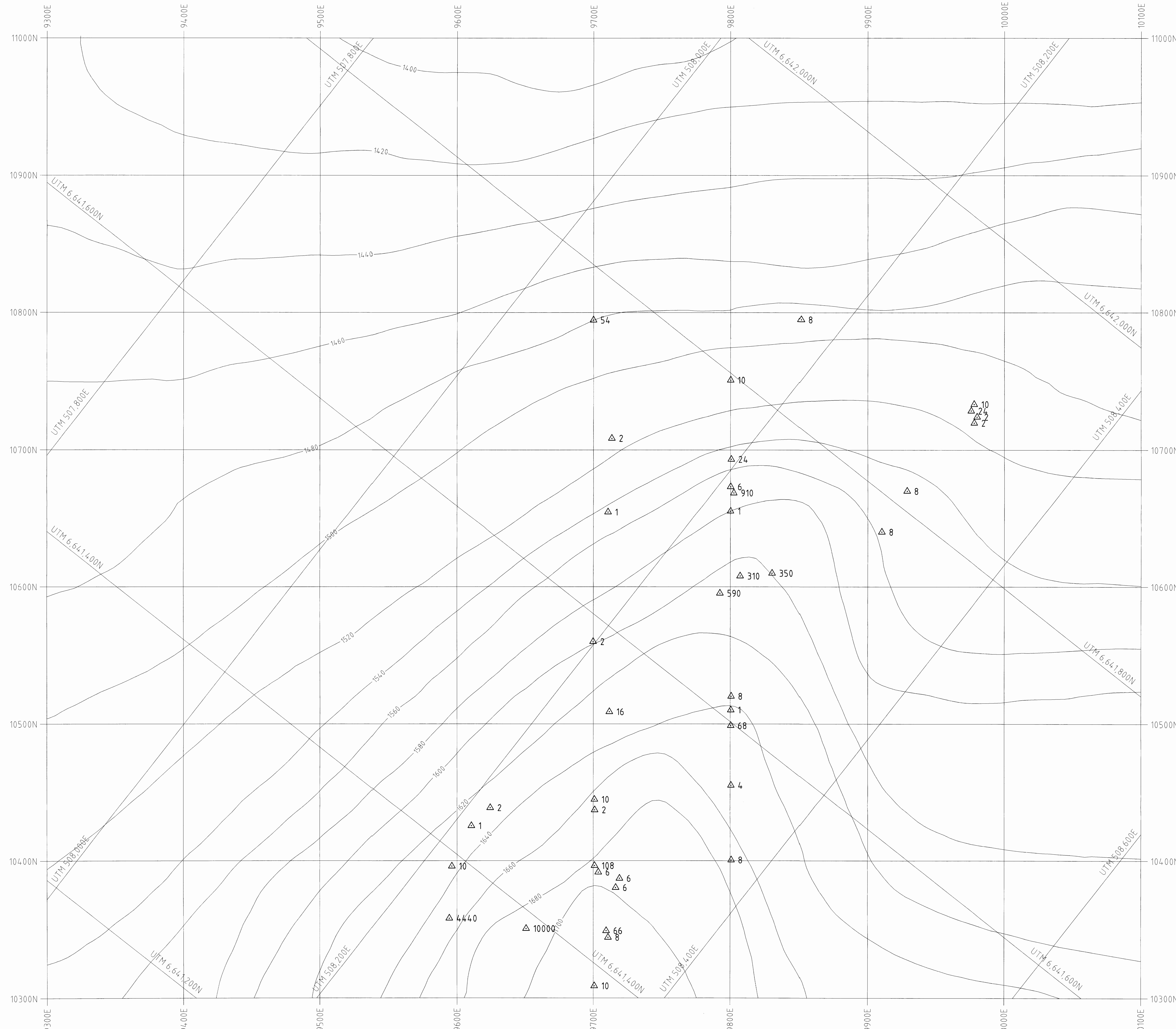
LEGEND

△ 123456 Westmin rock sample 1996 (ppm)

⊡ 123456 Noranda soil sample 1993 (ppm)

Westmin Resources Limited

Work By: S. Rowins/B. Wakeman	BENNETT PROJECT SKARN ZONE
Date Drafted: Jan. 24, 1997	Rock and Soil Sample Results - As (in ppm)
Drafted By: J.M. Klein	
Date Revised	
Revised By	
N.T.S. Number: 104 M/15	SCALE 1 : 1,000 (20 0 20 40 60m)
File Name: SKRNCOMP	Figure 25



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,869

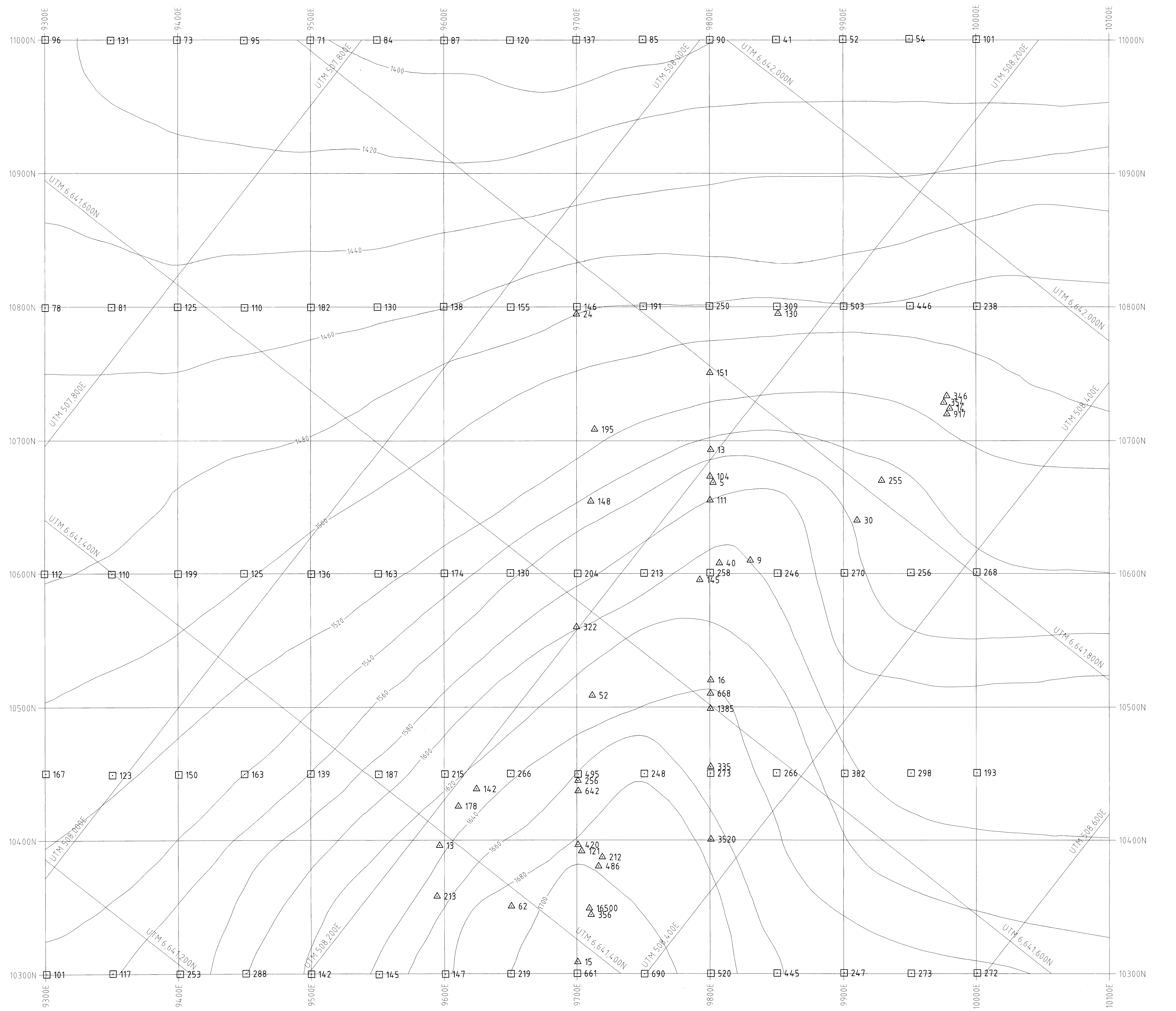
LEGEND

△ 123456 Westmin rock sample 1996 (ppm)

⊡ 123456 Noranda soil sample 1993 (ppm)

Westmin Resources Limited

Work By: S. Rowins/B. Wakeman	BENNETT PROJECT SKARN ZONE
Date Drafted: Jan. 24, 1997	
Drafted By: J.M. Klein	Rock and Soil Sample Results - Sb (in ppm)
Date Revised	
Revised By	
N.T.S. Number: 104 M/15	SCALE 1 : 1,000 (20 0 20 40 60m)
File Name: SKRNCOMP	Figure 26



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,869

LEGEND

△ 123456 Westmin rock sample 1996 (ppm)

⊡ 123456 Noranda soil sample 1993 (ppm)

Westmin Resources Limited

Work By: S. Rowins/B. Wakeman	BENNETT PROJECT SKARN ZONE
Date Drafted: Jan. 24, 1997	
Drafted By: J.M. Klein	Rock and Soil Sample Results - Cu (in ppm)
Date Revised	
Revised By	
N.T.S. Number: 104 M/15	SCALE 1 : 1,000 (20 0 20 40 60m)
File Name: SKRNCOMP	Figure 27