

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

NTS 105 G/8, 9

1996 ASSESSMENT REPORT

WOL, BOOT AND JACK PROPERTIES

LINECUTTING, SOIL GEOCHEMISTRY, GEOLOGICAL MAPPING,
GEOPHYSICAL SURVEYS AND DIAMOND DRILLING

WATSON LAKE M.D., YUKON

WOLVERINE LAKE AREA

WORK PERIOD

JUNE 2 TO AUGUST 14, 1996



LATITUDE: 61°30'

LONGITUDE: 130°16'

MARCH, 1997

DARREN A SENFT
DAVE C. HALL

093671

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 111,600.

M. Behr
for Regional Manager, Exploration and
Geological Services for Commissioner,
of Yukon Territory.



TABLE OF CONTENTS

	<u>Page</u>
1.0 SUMMARY	1
2.0 LOCATION AND ACCESS	3
3.0 PROPERTY AND OWNERSHIP	3
4.0 PREVIOUS WORK	4
5.0 REGIONAL GEOLOGY	4
6.0 1996 FIELD WORK	5
6.1 LINECUTTING	
6.2 GEOLOGY, PROSPECTING AND GEOCHEMISTRY	
6.3 DIAMOND DRILLING	
6.4 GEOPHYSICAL SURVEYS	
6.4.1 HORIZONTAL LOOP EM SURVEY	
6.4.2 MAGNETIC SURVEY	
6.4.3 GRAVITY SURVEY	
7.0 WOL PROPERTY - NORTH BLOCK	7
7.1 GEOLOGY	
7.2 MINERALIZATION	
7.3 GEOCHEMISTRY	
7.4 GEOPHYSICAL SURVEYS	
7.4.1 WOL NORTH GRID	
7.4.2 WOL WEST GRID	
7.4.3 WOL MAIN GRID	
7.4.4 JASPER CREEK GRID	
7.5 DIAMOND DRILLING	
7.5.1 WO96-01	
7.5.2 WO96-02	
8.0 WOL 210 BLOCK / JACK PROPERTY	11
8.1 GEOLOGY	
8.2 MINERALIZATION	
8.3 GEOCHEMISTRY	
8.4 GEOPHYSICAL SURVEYS	
8.4.1 WOL 210 GRID	
9.0 BOOT PROPERTY	13
9.1 GEOLOGY AND MINERALIZATION	
9.2 GEOCHEMISTRY	
9.3 GEOPHYSICAL SURVEYS	
9.3.1 BOOT GRID	
9.4 DIAMOND DRILLING	
9.4.1 BO96-01	
10.0 CONCLUSIONS AND RECOMMENDATIONS	14
11.0 REFERENCES	16

FIGURES

FIGURE 1 GENERAL LOCATION

2

APPENDICES

APPENDIX I STATEMENT OF QUALIFICATIONS

APPENDIX II 1996 GEOCHEMISTRY DATA

APPENDIX III HORIZONTAL LOOP EM INTERPRETATION LEGEND

APPENDIX IV DIAMOND DRILL LOGS / CORE GEOCHEMISTRY

APPENDIX V STATEMENT OF EXPENDITURES

ATTACHMENTS

FIGURE 2 CLAIM MAP WITH GEOPHYSICAL AND GEOCHEMICAL GRIDS (1:20,000)

FIGURE 3a GEOLOGY MAP - WOL 210 BLOCK, JACK AND BOOT PROPERTIES (1:10,000)

FIGURE 3b GEOLOGY MAP - WOL NORTH BLOCK (1:10,000)

FIGURE 3c DRILL SECTION - WO96-01 (1:500)

FIGURE 3d DRILL SECTION - WO96-02 (1:500)

FIGURE 3e DRILL SECTION - BO96-01 (1:500)

**FIGURE 4a GEOCHEMICAL SAMPLE LOCATIONS - WOL 210 BLOCK, JACK AND BOOT
PROPERTIES (1:10,000)**

FIGURE 4b GEOCHEMICAL SAMPLE LOCATIONS - WOL NORTH BLOCK (1:10,000)

WOL NORTH GRID

FIGURE 5a HLEM PROFILES:(100m c.s.) 440 Hz

FIGURE 5b HLEM PROFILES:(100m c.s.) 1760 Hz

FIGURE 5c HLEM PROFILES:(100m c.s.) 3520 Hz

FIGURE 5d TOTAL FIELD MAGNETIC PROFILES

WOL WEST GRID

FIGURE 6a HLEM PROFILES:(100m c.s.) 440 Hz

FIGURE 6b HLEM PROFILES:(100m c.s.) 1760 Hz

FIGURE 6c HLEM PROFILES:(100m c.s.) 3520 Hz

FIGURE 6d TOTAL FIELD MAGNETIC PROFILES

WOL MAIN GRID

- FIGURE 7a HLEM PROFILES:(100m c.s.) 440 Hz
FIGURE 7b HLEM PROFILES:(100m c.s.) 1760 Hz
FIGURE 7c HLEM PROFILES:(100m c.s.) 3520 Hz
FIGURE 7d TOTAL FIELD MAGNETIC PROFILES
FIGURE 7e GRAVITY PROFILE - LINE 6600E

JASPER CREEK GRID

- FIGURE 8a HLEM PROFILES:(100m c.s.) 440 Hz
FIGURE 8b HLEM PROFILES:(100m c.s.) 1760 Hz
FIGURE 8c HLEM PROFILES:(100m c.s.) 3520 Hz
FIGURE 8d TOTAL FIELD MAGNETIC PROFILES

WOL 210 GRID

- FIGURE 9 GRAVITY PROFILES - LINES 14500E and 14900E

BOOT GRID

- FIGURE 10a HLEM PROFILES:(100m c.s.) 440 Hz
FIGURE 10b HLEM PROFILES:(100m c.s.) 1760 Hz
FIGURE 10c HLEM PROFILES:(100m c.s.) 3520 Hz
FIGURE 10d TOTAL FIELD MAGNETIC PROFILES
FIGURE 10e GRAVITY PROFILE - LINE 16500E
FIGURE 10f GRAVITY PROFILE - LINE 16900E

**1996 ASSESSMENT REPORT
WOL, BOOT AND JACK PROPERTIES,
YUKON TERRITORY**

1.0 SUMMARY

The WOL property comprises 238 units in two claim blocks and is located north and east of Wolverine Lake approximately 25 kms southeast of Finlayson Lake and 125 kms southeast of Ross River. The BOOT property is located at the southeastern tip of Wolverine Lake, approximately 1 km south of the WOL 210 block. The JACK property is a group of fractional claims that fill in gaps between claims in the area of the WOL 210 and BOOT properties.

The rocks underlying this part of southeastern Yukon have been assigned to the Yukon-Tanana Terrane (YTT) and the Slide Mountain Terrane (SMT). The YTT consists primarily of a layered sequence of metamorphosed rocks comprising a "lower unit" of pre-Devonian quartzite, pelitic schist and minor marble, a late Devonian to mid-Mississippian "middle unit" comprising carbonaceous phyllite and schist with interbanded mafic and, locally significant, felsic metavolcanics, and an "upper unit" of Pennsylvanian marbles and quartzite. Volcanism within the "middle unit" was accompanied by the intrusion of 2-3, late Devonian to Mississippian, mafic to felsic metaplutonic suites. Felsic volcanics of the middle unit are host to Cominco's ABM VHMS Deposit and Atna/Westmin's Wolverine/Lynx Zone VHMS deposit.

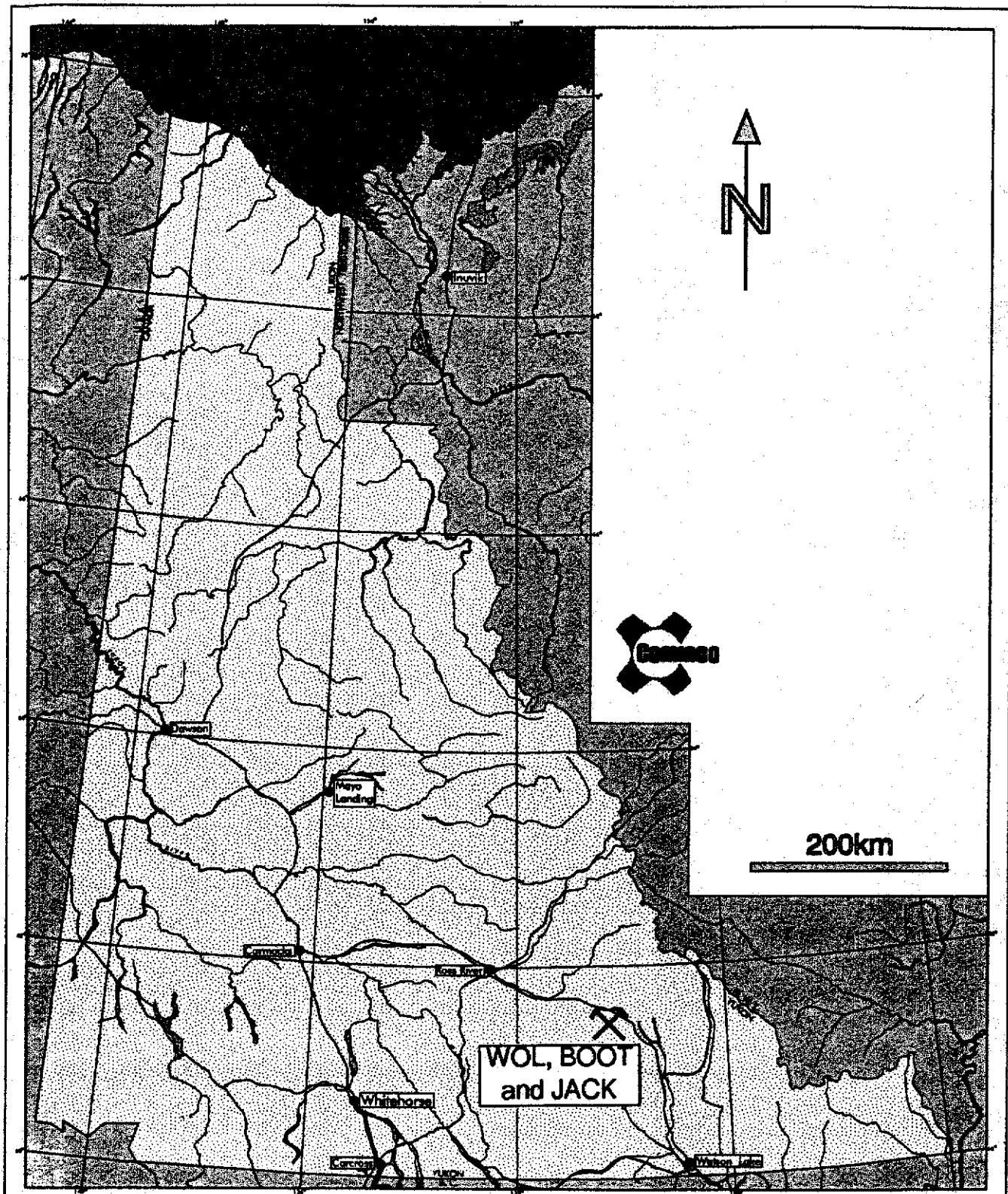
The WOL, BOOT and JACK properties are located near the western margin of the Finlayson Lake Fault Zone, in an area which has been overthrust by SMT mafic/intermediate volcanics. The stratigraphy generally trends northwest with moderate to steep northeast dips. The rocks underlying the properties comprise sequences of mafic and felsic volcanics, as well as sedimentary rock packages.

Hosted within a mixed felsic volcanic-mudstone package along the southeastern edge of the WOL property, is an 8 km long, up to 40 metres thick, quartz-magnetite-barite-hematite-pyrite Fe-formation. The Fe-formation consists of fine-grained, disseminated to massive banded magnetite with trace-10% fine pyrite and minor biotite defining a strong laminated to thin banded/bedded texture within a quartz/silica rock (recrystallized exhalite). Rock samples from 1996 returned up to 5.3% Zn, 0.6% Pb and 45% Ba. This Fe-formation is found hangingwall to Westmin/Atna's Wolverine and Fisher Zones, discovered in 1995/96.

Detailed mapping, prospecting and geophysical ground surveys (HLEM/MAG±Gravity) were completed over five grids on the WOL, BOOT and JACK properties in 1996. Four of these five grids were also covered by detailed soil geochemistry. A total of 601.1 metres of diamond drilling was completed in 3 holes on the WOL and BOOT properties as well.

Results from the soil surveys conducted on the WOL and JACK properties returned several samples moderate to strongly anomalous in copper, lead and zinc scattered throughout the WOL NORTH, WOL WEST and WOL 210 grids. Sampling on the large WOL MAIN grid produced three distinct linear zones highly anomalous in Cu, Pb, and Zn ± Ba. The results of geophysical surveys on the WOL grids indicate numerous conductors (HLEM) flanking strong magnetic features; conductors likely represent graphitic sediments. Diamond drilling was also completed in two holes on the WOL MAIN grid. Although neither hole intersected any mineralization of interest, the second hole was found to be of interest geologically, as it intersected the exhalite and hosting felsic volcanic/sediment sequence seen at the Fisher Zone. Additional mapping/prospecting and possibly drill testing is recommended for follow up of significant soil anomalies, especially in areas having strong correlations with geophysical features and promising geology.

Ground geophysical surveys (HLEM/MAG/Gravity) conducted on the WOL 210 block in 1995/96 have identified several prominent conductive zones below a strong magnetic horizon. These anomalies appear to occur at a similar stratigraphic position as the Wolverine Zone. Diamond drill testing of two of these anomalies is recommended.



Drawn by:		Traced by: a. m. a.	
Revised by:	Date:	Revised by:	Date:

WOL, BOOT AND JACK PROPERTIES LOCATION MAP

105 G/8, 9

Scale: As Shown

Date: March, 1997

Plate: 1

Results from the soil surveys conducted on the BOOT returned several samples highly anomalous in Cu, Pb, and Zn. The results of geophysical surveys on the BOOT grid indicated several conductive (HLEM) trends and magnetic responses. A diamond drill hole on the property predominantly intersected a carbonaceous mudstone unit with minor pyrite/pyrrhotite, explaining the ground EM and MAG responses. Although this particular geophysical anomaly was sourced, given the proximity to the Wolverine/Lynx zones, and the presence of soil anomalies on strike with other geophysical targets on this grid, further drilling is recommended.

2.0 LOCATION AND ACCESS

The WOL property is located north and east of Wolverine Lake, approximately 25 kms southeast of Finlayson Lake and 125 kms southeast of Ross River, Yukon (Figure 1). The property lies about 15 kms east-northeast of Cominco's ABM VHMS Deposit. The WOL 210-239 claim block is located immediately to the east of Westmin/Aina's Wolverine/Lynx Zone VHMS Deposit. The BOOT property is located less than 1 km south of this Deposit. The JACK group of claims is located in the same area as the WOL 210 and BOOT properties. The gravel, all-weather Robert Campbell Highway provides access to within 10 kms of the area, from which a rough winter road constructed by Westmin in early 1996 leads to the Wolverine Lake Camp. Direct access to the properties is by helicopter.

3.0 PROPERTY AND OWNERSHIP

The WOL (238 units) and BOOT (22 units) claim blocks are 100% owned by Cominco Ltd. (Figure 2). The northern WOL claim block (WOL 1-209) is contiguous with the larger TAG claim block. The southern WOL claim block (WOL 210-239) is surrounded by the Westmin/Aina FOOT claims. The BOOT claims, which are also bounded to the north and south by the FOOT claims, are contiguous to the southeast with the GO claim block.

The JACK claims are comprised of 33 fractions, filling in unclaimed areas between the WOL 210-239 block and BOOT claims and the surrounding FOOT claims (Figure 2). Surveying which led to the staking of the JACK claims was conducted from May 29 to July 31, 1996 by Underhill Professional Land Surveyors and Engineers of Whitehorse, Yukon. The following table lists all pertinent claim information.

NAME	UNITS	CLAIM NO.	DUE DATES
WOL 1-28	28	YB47712-739	April 15/97
WOL 29-40	12	YB47434-445	April 15/97
WOL 41-156	116	YB48801-916	April 15/97
WOL 164-180	17	YB55784-800	April 15/97
WOL 181-201	21	YB55378-398	April 15, 2000
WOL 202-209	8	YB55399-408	April 15/97
WOL 210-239	30	YB55407-436	April 15, 2005
WOL 240-244	5	YB70142-146	April 13, 2001
WOL 246	1	YB70148	April 13, 2001
WOL 248	1	YB70151	April 13, 2001
BOOT 1-7	7	YB47794-800	April 15/99
BOOT 8-18	11	YB48402-412	April 15/99
BOOT 19-22	4	YB84457-460	April 15, 2002
JACK 1-17	17	YB84461-477	April 15, 2002
JACK 18	1		April 15, 2002
JACK 19	1	YB85305	April 15, 2002
JACK 20-26	7	YB85328-334	April 15, 2002
JACK 27	1		April 15, 2002
JACK 28	1	YB85336	April 15, 2002
JACK 29	1		April 15, 2002
JACK 30	1	YB87487	Nov. 8/97
JACK 31-33	3	YB88805-807	Nov. 8/97

4.0 PREVIOUS WORK

The JAY claim group (Minfile #40) was staked by Hi-Boy Mining and Exploration in 1966, in an area east of the north end of Wolverine Lake, however no work or any indication of any mineralization was recorded.

At the south end of Wolverine Lake is the Fetish showing (Minfile #72). This showing was initially staked by the Finlayson JV in 1973. The FJV conducted grid soil sampling, geological mapping, trenching and drilled 2 holes (249 m) in that same year, with additional soil sampling in 1974. The mineralization consists of trace chalcopyrite and galena in strongly leached, limonitic chloritic schists and quartz float. Drilling intersected thin bands of chalcopyrite and sphalerite in a soft, contorted talc-sericite-chlorite schist unit up to 20 metres thick. Several magnetite Fe-formations are present stratigraphically above the Fetish mineralization. This showing was staked by Atna Resources Ltd. in 1994 and was subsequently optioned to Westmin in 1995. Drilling by Westmin in 1995 led to the discovery of the Wolverine Zone VHMS Deposit. The best 1995 drill intercept was 8.3 metres of 14.2% Zn, 0.6% Cu, 7.6% Pb, 1,351 g/t Ag and 3.5 g/t Au.

Prior Cominco work in the immediate property ^{the} area includes broad heavy mineral and minor silt and soil sampling in 1977 and reconnaissance geological mapping in 1993. The WOL property was staked in 1994, work during that summer included geological mapping and geochemical soil surveys.

The 1995 Cominco program on the WOL property included mapping and prospecting, as well as soil geochemistry on several contour lines and one small grid. Results from the soil lines defined a broad zone anomalous in Pb, Zn, Ag, and Ba, associated with elevated Cu and Au values downslope of the Fe-formation and associated felsic volcanics.

Ground geophysical surveys (HLEM/MAG) on the WOL 210 block in 1995 identified two prominent conductive zones below a strong magnetic "horizon". These conductors appear to occur at a similar stratigraphic position as the Wolverine/Lynx Zone.

Cominco work on the BOOT property in 1995 consisted of minor mapping in addition to four geochemical soil lines. Results from the soil lines returned several samples with highly elevated to anomalous values for Pb, Zn, Ag and Ba.

5.0 REGIONAL GEOLOGY

The rocks underlying this part of southeastern Yukon have been assigned to 2 terranes: the Yukon-Tanana Terrane (YTT) and the Slide Mountain Terrane (SMT) (Mortensen, 1983a; Mortensen and Jilson, 1985).

The YTT consists primarily of a layered sequence of metamorphosed rocks comprising a "lower unit" of pre-Devonian quartzite, pelitic schist and minor marble, a late Devonian to mid-Mississippian "middle unit" (3F) comprising carbonaceous phyllite and schist with interbanded mafic and, locally significant, felsic metavolcanics (3G), and an "upper unit" of Pennsylvanian marbles and quartzite. Volcanism within the "middle unit" was accompanied by the intrusion of 2-3, late Devonian to Mississippian, mafic to felsic metaplutonic suites (Simpson Range suite and augen and monzonitic orthogneisses). This sequence appears to reflect stable platformal or shelf sedimentation with an intervening period of mafic to felsic arc volcanism developed within a more reduced basinal setting.

The late Devonian to Triassic SMT comprises a heterogeneous package of mafic to ultramafic plutonic rocks, mafic volcanics, massive carbonate and chert. This sequence was structurally emplaced as thrust bounded klippen on YTT rocks or as thrust slices imbricated within YTT rocks during a period of crustal shortening (D2). The SMT is thought to represent a disrupted oceanic crust and volcanic arc assemblage thought to be located between the YTT and ancestral North America(?).

A subhorizontal to moderately north to northeast dipping, penetrative ductile deformation fabric (S2) and associated middle greenschist facies (chlorite-biotite grade) metamorphism affects all YTT rocks. This fabric reflects the first, and most significant, deformational and metamorphic event (D1) perhaps related to a continent-arc collision during late Permian to early Triassic time.

Late Triassic immature clastics comprising micaceous argillite, siltstone and sandstone unconformably(?) overlie the deformed and metamorphosed YTT rocks. These sediments are often closely associated with SMT volcanics and are invariably in fault contact with YTT rocks.

The SMT, Late Triassic sediments and Late Triassic to Middle Jurassic plutons are all affected by a period of Middle Jurassic to Late Cretaceous thrust faulting (D2), during which the Finlayson Lake Fault Zone was formed. This complex fault zone contains both thrust and steep, transcurrent(?) faults and separates the YTT from autochthonous North America (Mortensen, 1983a; Mortensen and Jilson, 1985).

Thrust faulting continued after the formation of the Finlayson Lake Fault Zone as indicated by the presence of over thrust sheets of SMT rocks (Campbell Range Belt) above the fault zone.

6.0 1996 FIELD WORK

6.1 LINECUTTING

During the period of June 10-19, 1996, four geophysical grids were cut on the WOL and BOOT properties. One additional grid was cut on the WOL property on July 29, 1996. Linecutting was carried out by Coureur Des Bois Ltd. of Whitehorse, Yukon, and Kaska-Nomadic of Ross River, Yukon.

GRID NAME	WOL NORTH	WOL WEST	WOL MAIN	JASPER CREEK	BOOT
# LINE KM'S	6.3	3.8	24.3	4.9	15.3

6.2 GEOLOGY, PROSPECTING and GEOCHEMISTRY

Geochemical surveys, mapping and prospecting covered four grids on the WOL property and one grid on the BOOT property in detail. Further regional scale mapping, prospecting and contour soil geochemistry was also completed by recce traverses on the WOL and JACK properties. The following table summarizes 1996 fieldwork.

PROPERTY	GEOLOGY	PROSPECTING	GEOCHEMISTRY
WOL ; NORTH GRID	Jun 26, Jul 30; KK, JP	N/A	Jun 23, Jul 30; 124 soils, 3 silts
WOL ; WEST GRID	Jun 22; DM	N/A	Jun 26, 28; 85 soils, 1 silts
WOL ; MAIN GRID	Jun 22-28; KK, MOK, DM	Jun 22-28; ABM, GLGS, GJ	Jun 25-29, Aug 14; 692 soils, 9 silts
WOL; JASPER CREEK GRID	Jun 21, 22; KK, JP	N/A	N/A
WOL 210, JACK	Jun 30, Jul 16-22; MOK, JP, PAM, KK	Jul 19, 23, 24; ABM	Jun 29, Jul 25; 170 soils, 4 silts
WOL ; REGIONAL	Jun 12-29, Jul 12-29; DR, PAM, NPO, VLB, DAS, JP, LAT, PO, DB, TJB, DK, ZAS, DFG, MOK, KK, DM	Jul 25; ABM	Jun 6, Jul 25, 29; 108 soils, 21 silts
BOOT GRID	Jun 29, 30; MOK, DM	Jul 4,5; GLGS	Jun 24, 25; 297 soils, 7 silts

All soil, silt and rock samples were analyzed for Cu, Pb, Zn, Ag, As, Cd, Co, Ni, Fe, Mo, Cr, Bi, Sb, V, Sn, W, Sr, Y, La, Mn, Mg, Ti, Al, Ca, Na and K by I.C.P., Au by Aqua Regia decomposition/AAS and Ba by XRF at Cominco Exploration Research Laboratory (CERL) in Vancouver. All data is presented in Appendix II.

6.3 DIAMOND DRILLING

6

In 1996, two holes were drilled on the WOL property and one hole was drilled on the BOOT property, as shown in the table below. Drill hole locations are shown on Figures 3a,b. Drill hole logs and core geochemistry are included in Appendix IV, and cross sections in Figures 3c-e. The drilling was conducted by DJ Drilling Ltd. of Surrey, B.C. All core is stored at the KZK camp core facility.

HOLE #	PROPERTY, GRID	UTM COORD	GRID COORD	COLLAR AZIMUTH	COLLAR DIP	HOLE LENGTH (m)
WO96-01	WOL, MAIN GRID	432224E 6817496N	66+00E 180+75N	212	-60	212.0
WO96-02	WOL, MAIN GRID	433721E 6818077	76+00E 193+25N	235	-70	346.9
BO96-01	BOOT	439615E 6809957N	169+00E 158+00N	210	-60	129.8

6.4 GEOPHYSICAL SURVEYS

The 1996 geophysical program for the WOL and BOOT properties involved ground surveys (HLEM/MAG $\pm$ Gravity) over six grids. The targets on these grids were chosen for the purpose of evaluating conductors observed from airborne geophysical information. A Horizontal Loop EM interpretation legend is included in Appendix III.

GEOPHYSICAL GRID	SURVEY TYPE	# KM'S SURVEYED	DATES WORKED
WOL NORTH	HLEM/MAG	5.6	Jul 30
WOL WEST	HLEM/MAG	4.0	Jun 26
WOL MAIN	HLEM/MAG Gravity	23.7 1.5	Jun 19-28
JASPER CREEK	HLEM/MAG	4.0	Jul 17, 18
WOL 210	Gravity	1.8	Jul 6, 7
BOOT	HLEM/MAG Gravity	12.5 1.6	Jun 23-25 Jul 31

6.4.1 HORIZONTAL LOOP EM SURVEY

The HLEM system used was a Max-Min I-10 in combination with an MMC data recorder, both manufactured by Apex Parametrics Ltd. The survey employed a 100 metre coil spacing in most cases although survey lines were occasionally repeated using a 150 m spacing for greater depth penetration. Three frequencies: 440, 1760, and 3520 Hz, were read at a 25 metre station interval.

For data collection, the receiver (Rx) and transmitters (Tx) were simultaneously tilted in a coplanar orientation paralleling the topographic slope (horizontal loop mode). The Rx-Tx separation of 100 metres was kept constant by using the interconnecting reference cable as a chain.

The HLEM results are presented in stacked profile form on 1:5000 plan maps, one map for each frequency. Data points are plotted half way between the Tx-Rx location. In-Phase (IP) data points are indicated by dots joined by a solid line; Out-of-Phase (OP) data is indicated by a dashed line. The conductor width, conductivity-thickness, and depth to top are indicated on the plots which provide the best definition of the conductors. These results are discussed below using the lowest frequency (usually 440 Hz) that adequately defines the conductor. An interpretation legend which describes these features is appended to this report.

A conductor will show a negative IP and/or OP trough of width (with respect to background values) equal to that of the conductor width plus the length of the coil separation. The IP and OP widths due to a conductive source are shown, respectively, above and below the zero line. The shallower a conductor is from the surface, the higher will be the amplitude of the IP and OP responses. Better conductors will respond on progressively lower frequencies whereas poor conductors are seen only on the higher frequencies. A higher IP/OP response amplitude ratio is also indicative of better conductance.

6.4.2 MAGNETIC SURVEY

The instrumentation for the magnetic survey consisted of a pair of OMNI PLUS magnetometers, one set up as a recording base station (taking readings every 15 sec.) and the other taking measurements at each point of the survey grid. Readings were taken every 12.5 metres, which was decreased to every 5 metres in locations where the magnetic response changed rapidly. At the end of a survey day the two units were connected to a computer and the day's data was transferred to the computer memory. Corrections for diurnal magnetic field variations were applied to each survey station value before plots were made. Reading accuracies of ± 5 nT were attained for the magnetics survey.

The total field magnetic data is presented in stacked profile form at a scale of 1:5000. HLEM conductor axes are traced on the magnetic profile map.

6.4.3 GRAVITY SURVEY

Gravity readings were taken with a LaCoste Romberg gravity meter, Model "G", S/N 494. This unit is sealed, internally pressure compensated, and thermostatically controlled during operation to minimize drift from atmospheric pressure and temperature changes. A base station was established on the grid and by utilizing base station readings (at least 2 per day) all gravity readings were corrected for diurnal drift and levelled to this common base. Gravity readings were corrected for latitude and elevation (including both free-air and Bouguer corrections). The data has been processed for a Bouguer density of 2.67 g/cc.

The elevation survey was carried out with a Nikon D-50 theodolite and Nikon prism reflector. A base station was established near the middle of the gravity line and the gravity stations were surveyed to the end of the line. On the return trip stations were checked at 100 metre intervals finally tying in to the survey base station. Any minor errors were distributed throughout the stations of that loop, resulting in individual station accuracies in the order of 0.05 metres.

With reading variations due to gravity meter reading accuracy and drift, and elevation errors, the overall accuracy of the corrected gravity values is probably in the order of 0.05-0.10 mgals. Reduction and plotting of this data was carried out on Geosoft software.

7.0 WOL PROPERTY - NORTH BLOCK

7.1 GEOLOGY

The WOL property is located near the western margin of the Finlayson Lake Fault Zone, in an area which has been overthrust by SMT mafic/intermediate volcanics (Plint, 1994). The property is generally poorly exposed. Outcrops are restricted to creeks and upper elevations of the property. The stratigraphy generally trends northwest with moderate to steep northeast dips (Figure 3b).

Four recognizable rock packages can be mapped on the property.

The uppermost unit is generally well exposed along and to the east of the eastern property margin. This unit comprises well foliated, medium to dark green, chloritic and locally weakly epidote altered and hematitic, intermediate to mafic pillowed flows, tuffs, lapilli-tuffs and minor pillowed flow breccias, locally containing grey limestone fragments or intrapillow fillings. Intermediate to mafic flows and flow fragments are occasionally vesicular/amygdaloidal and spherulitic. Minor chloritic phyllites, chert/cherty tuff and siltstone interbeds, as well as massive serpentinized ultramafic bodies, are locally present. This unit is equivalent to SMT greenstones (Unit 4 of Plint, 1994; Campbell Range Belt of Mortensen and Jilson, 1985) and have been emplaced above a northeast dipping thrust fault. Plint (1994) indicates a sinistral (top-to-the-southwest) motion on the thrust. Alternatively, these mafic volcanics may conformably overlie felsic volcanics/sediments of the YTT described below (see WOL 210 Geology).

Structurally below the mafic volcanics, at the northern end of the property, are light to medium green, fine-grained, massive, variably calcareous chloritic phyllite and schists containing minor intercalated, black, carbonaceous mudstone and siltstone. This interval correlates with Unit 1 of Plint (1994). Plint suggests this unit to belong to the "middle unit" of the YTT. To the southeast, this phyllitic unit is absent, either due to thinning of the unit or overthrusting of the mafic volcanic package.

Toward the eastern edge of the WOL claims, underlying the chloritic phyllite, is a thick sequence of strongly foliated and locally well rodded, laminated to thin bedded light grey to white quartzite (siltstone/sandstone). Interbedded with the quartzite are dark green-grey to black, phyllitic, chloritic mudstone/argillite layers which are locally rusty due to weathered pyrite. This unit may be correlated with thick, massive clean quartzites found about 10 kms to the west, on the TAG property. These metasediments are thought to be part of the YTT. To the northwest, north of Wolverine Lake, these metasediments are absent, perhaps due to a thrust fault below the chloritic phyllite unit.

In the northwestern part of the property, in the area peripheral to the Westmin/Atna Fisher Zone, a sequence of mixed felsic volcanic and argillite/mudstone units (200-300m thick) occur below the interbedded quartzite-argillite unit. The uppermost of felsic unit is a predominantly fine-grained, light green grey, thinly banded/bedded, fragmental textured quartz-chlorite-sericite±feldspar schist. This unit locally exhibits a rusty weathered surface due to the presence of trace disseminated pyrite±chalcopryite. Stratigraphically downsection from this fragmental unit lies a laminated to thin bedded, calcareous quartz-sericite±ankerite-barite schist (exhalite). This exhalite is distinguished from the other felsic units by its thin layered nature, the presence of iron carbonate and pyrite, and the lack of green chlorite. The exhalite is significant in that it is laterally equivalent to the regional quartz-magnetite±barite-hematite-pyrite Fe-formation, which forms a marker horizon hanging wall to the Westmin/Atna Wolverine/Lynx and Fisher Zones (see Mineralization). Below the exhalite are a sequence of interlayered felsic volcanics and black, carbonaceous argillite/mudstone, with minor mafic sills. The surface mineralization, which lead to drilling by Westmin/Atna and discovery of the Fisher Zone, occurs within this mixed felsic volcanic/fine clastic interval. Near the base of this mixed sequence is a thin (10-20m) unit of well foliated, granular to porphyritic textured quartz-feldspar-chlorite felsic tuff. Subhedral quartz and feldspar crystals range up to 5mm in size, with larger quartz eyes locally up to 10mm in diameter. This unit, which also hosts minor galena-pyrite-sphalerite mineralization, is likely related to the Fisher Porphyry.

The lowermost structural/stratigraphic unit on the WOL property, occurring below the felsic volcanics, is a thick package of poorly exposed, recessive, silvery grey weathering, dark blue grey to black, carbonaceous phyllitic mudstone with locally minor thin siltstone/sandstone interbeds. The base of this unit has not been defined. These mudstones are strikingly similar to typical Selwyn Basin shales of the late Devonian Eam Group. This unit is host to gossans and soil anomalies on the ARM property, 10 kms to the northwest.

The Fisher Porphyry is a small 150 x 250m yellow to rusty weathering, clay altered porphyry which intrudes the black clastic sequence. This intrusive contains 10-15% clay altered feldspar phenocrysts 3-15 mms in size, and up to 3% 1-2 mm-sized subrounded quartz phenocrysts, set in a very fine-grained silica-sericite groundmass. This porphyry has been traced by mapping 300 metres to the northwest.

7.2 MINERALIZATION

Along the southeastern edge of the property is an 8 km long, quartz-magnetite±barite-hematite-pyrite Fe-formation (up to 40 metres thick) exposed in small outcrops, creek cuts and float. At the southeast end of the northern block, the Fe-formation is down faulted towards Wolverine Lake. It is well exposed immediately northeast of the Fisher Porphyry, as well as in the corner of the southern most WOL block, and extends southeast onto the WOL 210 area and beyond.

Mineralization associated with the Fe-formation consists of magnetite, pyrite, sphalerite and rare chalcopryite in a siliceous gangue. Equant, fine grained granular magnetite occurs in layers with fine grained brown sphalerite laminations, disseminated euhedral pyrite cubes, laminated fine grained pyrite, and traces of chalcopryite specs. Hydrozincite is common where mineralization is laminated. The best results from rock grab samples of exhalite taken in 1996 returned 5.27% Zn, 0.56% Pb, 10.5 ppm Ag (KK-0105), and up to 45% Ba (KK-0096).

There are in fact more than one Fe-formation horizons present; two additional Fe-formations occurring below the main Fe-formation are exposed in creek cuts at the Fisher Porphyry. The first is 1-2 metres thick, occurs 3-4 metres below the main Fe-formation, and is associated with similar mineralization. The second Fe-formation, found 5m further down section, contains 2-5% fine disseminated pyrite and minor barite layers, as well as transposed laminations of galena (1-5mm thick) with disseminated sphalerite, magnetite and hydrozincite.

The most significant occurrences associated with this Fe-formation are the Westmin/Atna Wolverine/Lynx and Fisher Zones, discovered in 1995/96. The massive sulphides of the Wolverine/Lynx deposit are hosted by a mixed felsic volcanic-sedimentary package. Interlayered carbonaceous argillites, felsic volcanic, fragmental and tuffaceous units occur with the magnetite Fe-formation hangingwall to the deposit. The Fisher Zone, located 800m southeast of DDH WO96-02, also appears to occur within a mixed felsic volcanic-sedimentary interval below the Fe-formation. The best Westmin/Atna intersection of the Fisher Zone was in hole 95-06, which intersected 2.4 metres of semi-massive sulphides grading 0.14 g/t Au, 66.3 g/t Ag, 0.12% Cu, 1.41% Pb and 2.84% Zn. The surface showing which prompted drilling at the Fisher Zone comprises vein and disseminated sphalerite and lesser chalcopyrite in felsic lapilli tuffs. A thin discontinuous chloritic schist (mafic or chloritized felsic tuff?) occurs proximal to the Fisher surface showing.

7.3 GEOCHEMISTRY

Soil sampling on the WOL property was completed on the WOL NORTH, WEST and MAIN grids, as well as on two contour lines. Silt sampling was also completed along one stream on the property. Grid samples were collected at 50m intervals and contour soil and stream silt samples at 100m intervals, combining for a total of 1009 soil samples and 34 silt samples (Figure 4b).

Results from sampling on the WOL NORTH grid returned several elevated to moderately anomalous values for Cu (up to 159 ppm), Pb (up to 108 ppm) and Zn (up to 410 ppm) scattered throughout the grid.

Sampling on the WOL WEST grid identified spotty anomalous values for Cu (up to 288 ppm), Pb (up to 96 ppm) and Zn (up to 377 ppm) throughout the grid, as well as one northwesterly trending linear zone in the southwest corner of the grid anomalous in Cu (up to 244 ppm).

The large WOL MAIN grid is located over the black, recessive, carbonaceous phyllitic mudstone unit, as well as part of the Fe-formation and associated felsic volcanics. Analysis of samples from this grid reveal three distinctive multi-element anomalous zones. The width and strike lengths of all three zones are very well defined by the concentration of anomalous lead values.

The first anomaly is a 250 x 1800 metre northerly trending zone on the north half of the grid. This anomalous zone, which is open to the south, parallels stratigraphy and is directly on strike with the banded Fe-formation and the Fisher Zone. Metal values from this zone reach 289 ppm Cu, 460 ppm Pb, and 1308 ppm Zn. The second anomalous zone is located on the southern half of this grid, trending downslope from the Fe-formation to the west. This zone is approximately 300 x 800 metres in size and open to the west, with values up to 203 ppm Cu, 204 ppm Pb, and 2347 ppm Zn. The third and smallest anomaly (200 x 800 metres) is located in the northwest corner of the grid. It is a northwest trending zone that appears to be on strike with the Fe-formation, possibly an extension of the first anomalous zone. Results returned values up to 499 ppm Cu, 296 ppm Pb, 522 ppm Zn and 26,932 ppm Ba for this area.

The stream that was silt sampled on the WOL property drains the area of the northern anomalous zone on the WOL MAIN grid. Moderately anomalous value of Cu (up to 157 ppm), Pb (up to 91 ppm), and Zn (up to 1040 ppm) were recovered.

7.4 GEOPHYSICAL SURVEYS

7.4.1 WOL NORTH GRID

This grid overlays a target picked from the airborne survey, characterized by a moderately magnetic feature associated with weak conductivity thought to be a near surface reflection of the Fe-formation.

A weak conductor was defined by the ground geophysics, with a conductivity-thickness of 4 siemens, width of 25 metres and depth of 15-20 metres on the strongest line (8800E). The conductor is evident across 3 lines giving a strike length of 200 metres and occurs within a broad area of slightly elevated (100nT) magnetic response (Figures 5a-d). There is no apparent correlation with the geochemistry.

7.4.2 WOL WEST GRID

This grid is located several hundred metres to the northwest of the main Wol grid. The airborne survey defined a localized magnetic feature approximately 800 metres wide with flanking conductivity.

Results indicate a 200-300 metre wide zone of conductivity (25-30 seimens, less than 5 metres deep) on two grid lines (Figures 6a-d). This occurs in an area of flat magnetic response and is located to the southeast of a 1000-1600nT magnetic anomaly (across 3 lines) possibly reflecting a magnetic Fe-formation. The low, flat magnetic response in the vicinity of the conductors suggests a graphitic source for the conductivity, though there does appear to be a correlation with a linear geochemical anomalous zone in the vicinity.

7.4.3 WOL MAIN GRID

This grid covers a number of interesting AEM/MAG features which are similar in character to the response over areas of known mineralization in the vicinity.

Results indicate a number of parallel, conductive zones as shown on the 440 Hz plot (Figures 7a-e). Conductivities vary from a few mhos to 77 mhos, and widths from a few metres to extensive zones of conductivity up to 500 metres wide (conductor D in the central part of the grid). Generally the conductors are quite extensive in length, likely reflecting graphitic sediments, and occur within the sedimentary package below the felsic sequence.

Magnetic response indicates a broad (1 km wide), elevated (100-200nT) trend across the south western portion of the grid. A narrower (100 metre wide), 100-200nT feature is evident within the central band of conductivity. Gravity results from line 6600E in the southwest portion of the grid (WOL2 target) do not indicate a significant positive density contrast in the vicinity of conductors A and A'. However the association of a broad elevated magnetic response coupled with moderate to strong conductivity make these targets interesting. Conductor A was drill tested (see below).

The northeast area of the grid is characterized by a number of 50-100 metre wide zones of elevated (100-500nT) magnetics. Conductors in this part of the grid (G, H) are associated with low magnetic readings. These features overlie the most favourable felsic/sedimentary sequence; however, the surface trend of these conductors appears to cross cut geological contacts.

7.4.4 JASPER CREEK GRID

This target was picked as a discrete AEM conductor on the edge of a linear magnetic feature thought to be a reflection of near surface Fe-formation.

Results indicate a narrow 1500 nT magnetic feature found only on the westernmost line (possibly iron formation). The south ends of each line are characterized by a gradual increase of 250-300 nT over 300 metres. Weak conductivity is evident in the central part of the grid and does not appear to correlate with magnetic activity (Figures 8a-d).

7.5 DIAMOND DRILLING

7.5.1 WO96-01

This hole was drilled to test a >1,600 metre long, moderate to strong HLEM conductor (WO2A; 37ct, depth 45 m) with a coincident MAG anomaly and possible 0.5mgal GRAVITY anomaly located in the conductive package of argillites below the Fisher Zone hosting felsic/argillite stratigraphy. A large Zn-Pb-Cu-Ag-Ba soil anomaly located down ice to the south was thought to perhaps be sourced by this HLEM/MAG feature.

This hole intersected a strongly transposed/sheared sequence of interbanded/bedded, dark grey to black, variably pyritic and carbonaceous siltstone with lesser argillite. The HLEM conductor is a carbonaceous mudstone interval. The MAG response is more difficult to interpret; no pyrrhotite (or magnetite) was observed in the core.

No mineralization of interest was intersected. Elevated Cu-Ag±Pb-Zn-Cd values are noted throughout, though Ba contents are generally low.

The objective of this drill hole was to test Fisher Zone equivalent stratigraphy with associated Zn-Pb-Cu-Ag-Ba soil geochemistry anomalies, approximately 700 metres to the northwest of the Fisher Zone. This hole was not targeting any AEM/HLEM or MAG target. Although no mineralization of economic significance was intersected, this hole is extremely geologically interesting.

The hangingwall to the exhalite horizon comprises a 140 m thick package comprised primarily of a fragmental textured (agglomerate?) felsic breccia. This lithology consists of 90-95%, framework supported, light to medium grey to greenish grey to white, very fine-grained, aphyric quartz-chlorite-feldspar and quartz-feldspar-chlorite flow fragments up to 20 cms. Matrix comprises fine-grained, foliated chlorite-sericite. Trace to 3% disseminated and fracture filling pyrrhotite-pyrite is common throughout. Medium grey, massive, fine-grained quartzite fragments are present at the top of the hole, commonly in intervals with an argillaceous matrix component, supporting a breccia/debris flow origin. Ba contents are elevated, commonly ranging from 4,000-6,000, and up to 10,334 ppm.

The exhalite is overlain by a 6 m thick, laminated to thick interbedded, weakly pyritic, siliceous siltstone and phyllitic, tuffaceous silty mudstone. The 16 m thick exhalite (150.4-165.8 m) can be subdivided into 3 subunits: an upper, 7.6 m thick, laminated to thin bedded silica(50%)-Fe-carbonate(40%)-pyrite(5-15%) exhalite with trace-1% sphalerite; a middle, 6.2 m thick, bedded silica(80%)±Fe-carbonate(5-10%)-pyrite(tr-10%) tuffaceous exhalite, and, a lower, 1.6 m thick, laminated to thin bedded to nodular textured silica(30%)-barite(30%)-Fe-carbonate(30-40%)±pyrite exhalite. No oxide facies (magnetite) Fe-formation was identified; Fe-carbonate predominates. Sampling in the exhalite returned only elevated Zn±Pb-Cu values. The upper exhalite ranges between 1.0-2.1% Ba; the lower exhalite ranges between 7.8-8.9% Ba. A noticeable, yellowy green sericite-chlorite alteration extends 9 metres into the underlying felsic tuff/cherty argillite unit.

Below the exhalite(165.8-309.3 m), a mixed volcanosedimentary sequence was intersected comprising several siliceous felsic flow breccia and minor tuff units with interbedded intervals of moderate to strongly silicified and structurally transposed, medium to dark grey siltstone and minor argillaceous siltstone. Elevated Ba contents are common from 165.8-222.0 metres. Sulphide contents are generally low; however, in the cherty siltstone (223.6-246.3 m) and argillaceous siltstone (246.3-253.4 m) units, immediately overlying an interval of amygdaloidal mafic sills/dykes and tuffs, sulphide contents rise to 5-15% pyrite, trace-1% pyrrhotite and trace to locally 5% sphalerite occurring as banding parallel disseminations and fracture fillings and veins. Good laminated sphalerite textures were noted. Sampling from these units returned elevated Zn-Pb±Cu values up to 0.6% Zn and 0.04% Pb over 1 metre. This mineralization is thought to represent distal, very weak mineralization at an equivalent stratigraphic level to the Fisher Zone. The presence of mafic units immediately below these mineralized sediments is similar to the setting of the Fisher Zone surface showing where mafic appearing rocks occur below a sphalerite±galena veined felsic unit.

Near the base of the volcanosedimentary package, the drill hole intersected a 4.1 m thick, variably sheared, pyritized(5-20%) and sericitic altered feldspar-quartz porphyry thought to be equivalent to the Fisher Porphyry. Sampling returned elevated Pb-Ag values.

Below this mixed volcanosedimentary package, the hole drilled approximately 35 metres of thin bedded, dark grey to black, nonsiliceous and variably carbonaceous mudstone/silty mudstone and siltstone containing 3-10% pyrite as disseminations and banded disseminations. This is typical of the blue grey weathering shale sequence mapped on surface. Significantly, sampling from this unit returned consistently high Ag (1.1-3.6 ppm) values and elevated Cu-Zn values.

Further drilling in this immediate area will require significant drill results by Westmin.

8.0 WOL 210 BLOCK / JACK PROPERTY

8.1 GEOLOGY

The WOL 210 area is generally well exposed at higher elevations and along creeks. The stratigraphy generally trends northwest with moderate to steep northeast dips of 33-70°. The WOL 210 block is geologically similar to the rest of the WOL property, with rock types including metasediments, felsic volcanics and mafic volcanics (Figure 3a).

Detailed mapping at 1:2500 of the WOL210 grid, and 1:5000 mapping of the rest of the property, was focussed on better defining the stratigraphy and source of HLEM geophysical anomalies.

The uppermost unit, and dominate rock type in the area, comprises medium to dark green, fine to medium-grained weakly foliated mafic flows. Locally, fine-grained chlorite-rich mafic tuff units are present displaying a moderate to strong schistosity. A well-exposed outcrop on the southeast side of the grid shows good pillowed flows and medium-grained gabbro, likely representing part of the Slide Mountain sequence. On the northwest side of the property, several mafic units 15-200 metres thick occur interbedded with brecciated carbonaceous argillite layers of similar thickness, suggesting this sequence may be conformable and belong to the YTT.

Both mafic and minor felsic flow units are interbedded with thick successions of a polymictic, argillic matrix-supported breccia. Clasts range in size from 1-20cm, are of both felsic and mafic compositions, and are moderately flattened parallel to the main foliation. The abundance and size of clasts between and within similar units is variable, with clast component ranging from 0% (pure argillite) to 50 % clasts. The argillic breccia is dark-grey to black in colour, with green mafic and/or pale-brown-white felsic clasts. All of these interbedded sedimentary units pinch out towards the southeast. This pinching out has been interpreted as a lateral facies change, though it is also possible that a low-angle thrust has increased the thickness of the mafic package in the southeastern half of the map area and truncated the eastward extension of the sedimentary units.

Felsic flow units are present near the base of the mafic volcanic-mudstone sequence, and are interbedded with mudstone, mudstone breccia, and closer to the Wolverine/Lynx Zones, tuffaceous wacke. These pale-brown-white felsic flows are closely associated with thin magnetite iron formation and siliceous mudstone units on the most north-easterly line of the grid. This association appears continuous to the southeast, on strike with the Wolverine/Lynx Zones. A second felsic unit, pale-brown to grey in colour, is present high in the sequence on the eastern part of the grid. This unit is not traceable and no associated mineralization was observed.

All of these volcanic and sedimentary units are truncated and downdropped to the north by an east-west trending fault just off the northwest corner of the WOL 210 block.

8.2 MINERALIZATION

The lower felsic unit is the northwest extension of felsic volcanics hosting the magnetite iron formation in the hanging wall of the Wolverine/Lynx Zones. Minor quantities of sphalerite, pyrite and galena are associated with the magnetite iron formation where it is exposed in outcrop in the northwest portion of the grid. 1996 grab samples returned up to 0.23% Pb, 2.04% Zn and 7.54% Ba (ABM-84,85). The magnetic iron formation is traceable by an HLEM geophysical conductor across the lower part of the grid.

8.3 GEOCHEMISTRY

Soil sampling was completed on one grid on the WOL 210 block, with a total of 170 soil samples and 4 silt samples collected at 50m intervals along the lines (Figure 4a).

Results from sampling on this grid returned several elevated to moderately anomalous values for Cu (up to 181 ppm) scattered throughout the grid. One small, multi-element, northwest trending zone anomalous in Cu (up to 142 ppm), Pb (up to 178 ppm), and Zn (up to 1459 ppm) also occurs on the west side of the grid, directly corresponding with the Fe-formation.

8.4 GEOPHYSICAL SURVEYS

8.4.1 WOL 210 GRID

In the fall of 1995 an HLEM/MAG survey was carried out on this grid (see 1995 assessment report) to evaluate a number of airborne features. Work in 1996 consisted of gravity and elevation surveys over selected areas of the 1995 grid.

Results appear to indicate a broad, positive gravity feature (roughly 300 m wide by 0.2-0.3 mgal in amplitude on both lines) over the zone where the conductors are located (Figure 9).

9.0 BOOT PROPERTY

9.1 GEOLOGY AND MINERALIZATION

The BOOT property is located near the western margin of the Finlayson Lake Fault Zone, in an area underlain by mixed YTT metasediments and felsic metavolcanics which have been overthrust by SMT mafic/intermediate volcanics (Plint, 1994).

The property is very poorly exposed with outcrops restricted to creeks and upper elevations of the property. The stratigraphy generally trends northwest with moderate northeast dips.

Although poorly exposed, the geology on the adjoining claim blocks indicate the BOOT property to be underlain by a mixed package of recessive black, variably carbonaceous mudstone and somewhat less recessive felsic volcanoclastics and subvolcanic intrusives (Figure 3a).

A relatively thin (few 100? metres thick) felsic metavolcanic unit is present along the northeastern edge of the property. This unit comprises predominantly fine-grained, light green grey, thinly banded/bedded to massive quartz-sericite±feldspar-chlorite phyllite and schists. These phyllites/schists are locally rusty weathering due to the presence of trace, fine disseminated pyrite±chalcopyrite. Minor quartz and quartz-feldspar (locally augened) phyric schists (crystal-rich tuffs?) with possible fragmental textures have been noted. This unit is significant in that these felsics appear very similar lithologically to felsics which host or immediately underlie a regionally extensive Fe-formation and Westmin/Atna's Wolverine Zone VHMS Deposit. As such, this felsic volcanoclastic package on the BOOT may represent another felsic volcanic pulse with good potential to host VHMS deposits.

Approximately 100 metres to the north of these felsic volcanics are several small outcrops of a quartz-feldspar porphyry subvolcanic intrusive. This unit contains small clear blue quartz eyes with much larger feldspar phenocrysts (10-15 mm). A weak schistosity is marked by thin biotitic laminations. A similar porphyry is found in the southeast end of the BOOT property, and is also present in the felsic sequence hosting Cominco's ABM VHMS Deposit.

9.2 GEOCHEMISTRY

Soil sampling was completed on one grid on the BOOT property, with a total of 297 soil samples and 7 silt samples collected at 50m intervals along the lines (Figure 4a).

Although there are no multi-element anomalous zones on this grid, there are several small areas throughout the grid which are locally highly anomalous in either Cu (up to 286 ppm), Pb (up to 310 ppm), or Zn (up to 1791 ppm).

9.3 GEOPHYSICAL SURVEYS

9.3.1 BOOT GRID

This grid overlays a target characterized by an approximately 2 km long by 400 metre wide aeromagnetic feature with associated strong conductivity.

The HLEM survey indicates a number of roughly parallel conductive zones of considerable strike length (up to 2 kms) with variations in width from a few metres to tens of metres (Figures 10a-f). Conductivities vary widely, however the strongest conductors are in the 80-90 seimen range. Dips appear to be 40°-50° to the north. There is an offset, likely due to a fault, in both conductive and magnetic trends between L15900E and L16100E. A number of well defined magnetic features (100-600 nT) are visible, generally flanking conductors. Coincidence of magnetic and HLEM anomalies occurs (lines 16500E, 16700E and 16900E) with conductors C and D. This area was picked for gravity follow-up.

Gravity survey results on line 16500E do not indicate a positive density contrast in the vicinity of conductors C, D and E. On line 16900E, however, a 0.2 mgal anomaly is apparent in the vicinity of conductor D. This target was evaluated by drilling in 1996 and results indicate conductive shales with some pyrrhotite. The source of the gravity response remains unexplained.

9.4 DIAMOND DRILLING

9.4.1 BO96-01

This hole was drilled to test a >1,600 metre long, strong HLEM conductor (BO-D; 46ct, depth <5 m) with a near coincident, 200nT MAG anomaly located in a mixed package of argillite and felsic tuffs below stratigraphy hosting the Wolverine/Lynx Zones.

The hole intersected a sequence of variably pyritic/pyrrhotitic, calcareous and carbonaceous, dark grey to black silty mudstone/siltstone and tuffaceous wackes and minor mafic tuff. The HLEM conductor is clearly a carbonaceous mudstone, while the magnetics is likely reflecting disseminated pyrrhotite within sediments.

No mineralization of interest was intersected. Elevated Zn-Cd values are noted, particularly at the bottom of the hole. Ba contents are generally low.

10.0 CONCLUSIONS AND RECOMMENDATIONS

The WOL, JACK and BOOT properties are located near the western margin of the Finlayson Lake Fault Zone, in an area which has been overthrust by SMT mafic/intermediate volcanics. The stratigraphy generally trends northwest with moderate to steep northeast dips. The rocks underlying the properties comprise sequences of mafic and felsic volcanics, as well as sedimentary rock packages.

Hosted within a mixed felsic volcanic-mudstone package along the southeastern edge of the WOL property, is an 8 km long, up to 40 metres thick, quartz-magnetite $\pm$ barite-hematite-pyrite Fe-formation. The Fe-formation consists of fine-grained, disseminated to massive banded magnetite with trace-10% fine pyrite and minor biotite defining a strong laminated to thin banded/bedded texture within a quartz/silica rock (recrystallized exhalite). Rock samples from 1996 returned up to 5.3% Zn, 0.6% Pb and 45% Ba. This Fe-formation is found hangingwall to Westmin/Atna's Wolverine/Lynx and Fisher Zones.

Detailed mapping, prospecting and geophysical ground surveys (HLEM/MAG $\pm$ Gravity) were completed over five grids on the WOL, BOOT and JACK properties in 1996. Four of these five grids were also covered by detailed soil geochemistry. A total of 601.1 metres of diamond drilling was completed in 3 holes on the WOL and BOOT properties as well.

Results from the soil surveys conducted on the WOL and JACK properties returned several samples moderate to strongly anomalous in copper, lead and zinc scattered throughout the WOL NORTH, WOL WEST and WOL 210 grids. Sampling on the large WOL MAIN grid produced three distinct linear zones highly anomalous in Cu, Pb, and Zn $\pm$ Ba. The results of geophysical surveys on the WOL grids indicate numerous conductors (HLEM) flanking strong magnetic features; conductors likely represent graphitic sediments. Diamond drilling was also completed in two holes on the WOL MAIN grid. Although neither hole intersected any mineralization of interest, the second hole was found to be quite geologically interesting, as it intersected the exhalite and hosting felsic volcanic/sediment sequence seen at the Fisher Zone. Additional mapping/prospecting and possibly drill testing is recommended for follow up of significant soil anomalies, especially in areas having strong correlations with geophysical features and promising geology.

Ground geophysical surveys (HLEM/MAG/Gravity) conducted on the WOL 210 block in 1995/96 have identified several prominent conductive zones below a strong magnetic horizon. These anomalies appear to occur at a similar stratigraphic position as the Wolverine Zone. Diamond drill testing of two of these anomalies is recommended.

Results from the soil surveys conducted on the BOOT returned several samples highly anomalous in Cu, Pb, and Zn. The results of geophysical surveys on the BOOT grid indicated several conductive (HLEM) trends and magnetic responses. A diamond drill hole on the property predominantly intersected a carbonaceous mudstone unit with minor pyrite/pyrrhotite, explaining the ground EM and MAG responses. Although this particular geophysical anomaly was sourced, given the proximity to the Wolverine/Lynx zones, and the presence of soil anomalies on strike with other geophysical targets on this grid, further drilling is recommended.

Report by:

D.A. Senft
D.A. Senft, B.Sc.
Geologist

Report by:

David C. Hall
D.C. Hall, B.Sc.
Geophysicist

Endorsed by:

D. Rhodes
D. Rhodes,
Senior Geologist

Approved for
Release by:

D.W. Moore
D.W. Moore
Manager, Exploration
Western Canada

DAS/

DISTRIBUTION:

W.D. Files

Mining Recorder (2)

11.0 REFERENCES

FRANKLIN, J. M., 1993. VOLCANIC-ASSOCIATED MASSIVE SULPHIDE DEPOSITS; in Kirkham, R.V., Sinclair, W. D., Thorpe, R. I. and Duke, J. M., eds., Mineral Deposit Modelling; Geological Association of Canada, Special Paper 40, p. 315-334.

PLINT, H. E., 1994. GEOLOGICAL MAPPING IN THE CAMPBELL RANGE, SOUTHEASTERN YUKON (PARTS OF 105 G/8, G/9 AND 105 H/5,H/12); Yukon Exploration and Geology 1994: Part C, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs, Canada, p. 47-58.

MORTENSEN, J. K., 1983a. AGE AND EVOLUTION OF THE YUKON-TANANA TERRANE, SOUTHEASTERN YUKON TERRITORY [Ph.D. Thesis]; Santa Barbara, University of California, 155 p.

MORTENSEN, J. K. AND JILSON, G. A., 1985. EVOLUTION OF THE YUKON-TANANA TERRANE : EVIDENCE FROM SOUTHEASTERN YUKON TERRITORY; Geology, 13, p. 806-810.

MACROBBIE, P.A., 1996. 1995 ASSESSMENT REPORT : WOL PROPERTY ; SOIL GEOCHEMISTRY AND GEOLOGICAL MAPPING; Assessment Report, Cominco Ltd., 9p.

MACROBBIE, P.A., 1996. 1995 ASSESSMENT REPORT : BOOT PROPERTY ; SOIL GEOCHEMISTRY AND GEOLOGICAL MAPPING; Assessment Report, Cominco Ltd., 6p.

APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Darren A. Senft, of #4-2415 W. 4th Ave., Vancouver, B.C. hereby declare that I:

1. Graduated from The University of British Columbia, Vancouver, B.C. with a B.Sc. in Geology in May, 1994.
2. Have been actively engaged in mineral exploration in Western Canada as a geological assistant with Cominco Ltd. during the summers of 1992-93 and as a contract geologist with Cominco Ltd. since May, 1994.

Date: March, 1997

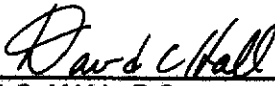

D.A. SENFT, B.Sc.
GEOLOGIST

STATEMENT OF QUALIFICATIONS

I, DAVID C. HALL, of 3476 W. 22nd Avenue, in the City of Vancouver, in the Province of British Columbia, do hereby certify:

1. THAT I graduated with a B.Sc. in Geophysics from the University of Manitoba in 1976.
2. THAT I have been actively practising Geophysics from 1976 to 1997, and am presently an employee of Cominco Ltd.

Date: March, 1997


D.C. HALL, B.Sc.
GEOPHYSICIST

APPENDIX II
1996 GEOCHEMISTRY DATA

WOL, BOOT AND JACK PROPERTIES : GEOCHEMICAL ROCK DATA								
ASSAY & XRF								
LAB NO	FIELD NUMBER	Cu	Pb	Zn	Ag	Au	Wt Au	Ba(4)
		ppm	ppm	ppm	ppm	ppb	gram	ppm
R9613596	ABM0084	12	880	E20400	0.5	<10	5	7245
R9613597	ABM0084A	38	2340	3320	0.8	<10	5	E75380
R9613598	ABM0085	25	32	42	0.4	<10	5	E45613
R9613594	ABM0078	54	294	4760	2.1	20	5	E28120
R9613595	ABM0079	6	35	E27900	0.7	<10	5	7217
R9612944	KK-0052					<10	5	E46117
R9612943	KK-0096					<10	5	E450000
R9612945	KK-0097					<10	5	E240599
R9612946	KK-0098A					<10	5	E134691
R9612947	KK-0098B					<10	5	E115632
R9612915	KK-0100					10	5	E55762
R9612916	KK-101A					<10	5	1230
R9612917	KK-101B					<10	5	813
R9612918	KK-0105					<10	5	831
R9615651	KK0106					<10	5	7928
R9615653	KK0107					<10	5	E171215
R9615654	KK0108					<10	5	1675
R9615655	KK0113					<10	5	1711
R9615652	KK0115					<10	5	E92733
ANALYTICAL METHODS								
Cu, Pb, Zn, Ag Aqua regia decomposition / AAS								
Au Aqua regia decomposition / solvent extraction / AAS								
Wt Au The weight of sample taken to analyse for gold (geochem)								
Ba(4) X-Ray fluorescence / pressed pellet								

ICP																													
LAB NO	FIELD NUMBER	Cu	Pb	Zn	As	Ag	Ba	Ca	Co	Hf	Po	Mn	Cr	Bi	Sb	V	Ba	W	Br	Y	La	Mn	Mg	Ti	Al	Cu	Ni	K	
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	
R0612044	R06-0003	10	<4	118	<4	3	444	<1	2	13	0.15	<2	16	<5	<5	24	<2	7	16	2	2	384	0.04	<0.1	0.20	0.00	<0.1	0.11	
R0612043	R06-0006	10	<4	45	1.1	4	852	<1	<1	19	E15.83	19	24	5	25	10	5	5	48	<2	<2	588	0.04	<0.1	0.05	0.17	<0.1	0.02	
R0612046	R06-0007	35	45	105	<4	<2	128	<1	28	22	0.27	8	43	<5	<5	3	3	5	80	3	<2	12008	0.31	<0.1	0.38	0.05	0.01	0.04	
R0612048	R06-0008A	54	58	137	<4	18	180	<1	8	17	3.87	5	83	<5	3	5	3	<2	13	4	<2	3187	0.06	<0.1	0.42	0.27	<0.1	0.08	
R0612047	R06-0008B	62	180	105	0.7	15	188	<1	10	18	2.72	2	75	<5	<5	17	8	<2	88	2	<2	3618	0.02	<0.1	0.62	0.40	0.01	0.12	
R0612016	R06-0100	88	171	81	4.8	700	58	2	<1	5	0.97	<2	84	<5	<5	48	3	2	11	2	<2	14	<0.1	<0.1	0.18	0.01	0.05	0.06	
R0612018	R06-0101A	2	1062	7658	0.8	<2	305	41	2	15	0.30	10	88	<5	<5	<2	<2	<2	88	5	24	418	0.04	<0.1	0.20	1.08	0.03	0.14	
R0612017	R06-0101B	1	4881	E17030	5.4	11	170	104	1	11	0.45	10	45	<5	<5	<2	2	<2	85	7	21	453	0.04	<0.1	0.23	2.07	0.03	0.1	
R0612018	R06-0105	7	5587	E52720	10.5	7	89	288	2	8	1.16	12	45	<5	<5	<2	2	<2	24	8	21	198	0.04	<0.1	0.21	0.74	0.04	0.04	
R0615051	R000108	35	<4	84	<4	<2	4737	<1	4	17	0.72	<2	81	<5	8	3	<2	<2	162	3	<2	240	0.02	<0.1	0.34	1.90	<0.1	0.06	
R0615053	R000107	33	<4	158	1.3	<2	413	<1	<1	14	E18.02	4	55	<5	7	157	<2	<2	30	<2	<2	578	<0.1	<0.1	0.04	<0.1	0.01	0.17	
R0615054	R000106	221	107	4718	<4	17	488	8	150	305	E10.73	3	73	<5	<5	<2	<2	8	27	24	8	35401	<0.1	<0.1	0.43	0.01	<0.1	0.00	
R0615055	R000113	45	<4	82	<4	7	537	1	8	18	1.29	<2	85	<5	<5	8	<2	<2	18	2	2	3177	<0.1	<0.1	0.19	0.01	<0.1	0.02	
R0615052	R000115	40	30	88	<4	3	298	<1	7	15	0.34	2	52	<5	<5	7	<2	<2	118	4	2	6208	0.22	<0.1	0.18	0.75	0.01	0.11	

ANALYTICAL METHODS:

ICP PACKAGE : 0.5 gram sample digested in hot reverse aqua regia (soil, silt) or hot Aqua Regia (rocks)

LAB NO	FIELD NUMBER	SiO2	TiO2	Al2O3	Fe2O3	FeO	MnO	MgO	CaO	Na2O	K2O	P2O5	Ba	LOI
		%	%	%	%	%	%	%	%	%	%	%	%	%
R0612031	R06-0103	80.38	0.34	0.63	0.43		0.12	0.05	11.21	5.02	0.11	0.09	0.01	0.04

ANALYTICAL METHODS:

FeO determined by acid digestion/volumetric. LOI determined gravimetrically

Other elements by Li borate fusion/XRF. Where no FeO value shown Fe2O3 is total Fe as Fe2O3

Labno	Fieldno	UTME	UTMN	Smpr	Mat	Orgn	Site	Colr	Sz	Orgnc	Wet	Dpth	Weth/Sip	Flw/Horzn	Cu	Pb	Zn	Ag	Aa	Ba/CP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	Au	W/Au	Ba/XRF
S9620038	327298	RKM-26	0	1	5	2	28	52	1	3	30	2	2	8	48	14	102	0.4	44	418	1	12	42	2.96	2	49	2	2	48	5	2	33	7	20	917	0.72	0.07	1.49	0.35	0.01	0.1	-1	-1	-1
S9620039	327299	RKM-26	-100	1	2	2	28	43	1	2	15	3	3	8	15	2	54	0.2	13	215	1	3	14	2.33	1	30	2	2	57	6	2	14	7	15	311	0.35	0.17	0.96	0.12	0.01	0.09	-1	-1	-1
S9620040	327300	RKM-26	-200	1	2	2	BR	42	1	2	10	3	3	8	17	20	67	0.2	18	100	1	2	12	2.81	2	25	2	2	71	5	2	6	7	18	284	0.28	0.16	1.02	0.05	0.01	0.06	-1	-1	-1
S9620041	327301	RKM-26	-300	1	5	2	1G	52	1	2	20	3	3	8	41	28	110	0.2	28	329	1	19	33	3.34	1	47	2	2	48	6	2	41	5	18	1403	0.81	0.1	1.53	0.57	0.01	0.14	-1	-1	-1
S9620042	327302	RKM-26	-400	1	2	2	38	42	1	2	10	3	3	8	38	15	118	0.2	65	469	1	7	34	3.07	2	49	2	2	51	5	2	65	3	18	671	0.75	0.04	1.66	0.65	0.01	0.11	-1	-1	-1
S9620203	335021	0	2000	3	1	5	28	35	1	1	20	2	2	8	32	27	76	0.4	12	291	1	13	35	2.75	1	115	2	2	47	6	2	28	3	18	607	0.85	0.07	1.45	0.43	0.01	0.1	-1	-1	-1
S9620204	335022	0	0	3	1	5	38	53	1	1	25	2	2	8	37	17	143	0.6	9	487	1	7	40	2.21	1	73	2	2	38	5	2	40	3	15	671	0.58	0.03	1.31	0.44	0.01	0.09	-1	-1	-1
S9620205	335023	0	100	3	1	5	28	25	1	3	20	2	2	8	40	34	100	0.5	35	507	1	16	43	2.71	2	96	2	2	45	5	2	31	3	20	1186	0.78	0.04	1.49	0.41	0.01	0.09	-1	-1	-1
S9620206	335024	0	200	3	1	5	28	53	1	1	20	2	2	8	25	22	38	0.6	8	286	1	3	19	1.27	1	47	2	2	21	5	2	8	4	7	190	0.24	0.01	0.89	0.07	0.01	0.07	-1	-1	-1
S9620207	335025	0	300	3	1	5	28	3	1	1	20	2	2	8	23	19	72	0.6	8	145	1	9	31	2.77	2	81	2	2	45	5	2	10	6	15	441	0.58	0.08	1.34	0.11	0.01	0.08	-1	-1	-1
S9620208	335026	0	400	3	1	5	28	23	1	1	15	2	2	8	36	24	79	0.4	18	307	1	11	31	2.78	1	101	2	2	45	5	2	17	1	19	616	0.74	0.09	1.28	0.25	0.01	0.07	-1	-1	-1
S9620859	334720	AM-21	0	5	1	5	28	23	1	2	5	2	2	-1	18	17	40	0.2	47	245	1	2	12	1.8	6	11	2	2	39	6	2	48	2	17	126	0.05	0.02	0.34	0.02	0.01	0.03	-1	-1	-1
S9620860	334721	AM-21	100	5	1	5	28	23	1	2	10	3	3	-1	24	12	42	0.2	39	385	1	2	12	1.28	6	12	2	2	26	5	2	42	2	21	77	0.08	0.01	0.57	0.03	0.01	0.04	-1	-1	-1
S9620861	334722	AM-21	200	5	1	5	28	23	2	2	10	2	2	-1	31	14	66	0.2	155	325	1	3	25	1.93	1	21	2	2	24	5	2	18	4	21	234	0.32	0.02	1	0.11	0.01	0.04	-1	-1	-1
S9620862	334723	AM-21	300	5	1	5	28	23	2	2	5	2	2	-1	30	31	92	0.2	50	220	1	9	32	2.78	1	34	2	2	33	6	2	13	3	21	1009	0.38	0.03	0.86	0.17	0.01	0.06	-1	-1	-1
S9620863	334724	AM-21	400	5	1	5	28	23	1	2	5	1	1	-1	40	24	81	0.2	37	261	1	4	24	2.23	1	25	2	2	25	5	2	16	5	23	461	0.39	0.03	0.88	0.17	0.01	0.05	-1	-1	-1
S9620864	334725	AM-21	500	5	1	5	28	25	1	2	10	2	2	-1	51	28	88	0.2	43	251	1	10	30	3.11	1	36	2	2	35	6	2	11	7	23	684	0.55	0.07	1.28	0.14	0.01	0.06	-1	-1	-1
S9620865	334726	AM-21	600	5	1	5	28	25	1	2	10	1	1	-1	36	22	63	0.2	31	269	1	9	31	2.99	1	40	2	2	36	5	2	12	6	24	660	0.57	0.05	1.17	0.15	0.01	0.06	-1	-1	-1
S9620866	334727	AM-21	700	5	1	5	28	23	2	2	5	2	2	-1	48	31	85	0.2	54	285	1	7	32	2.99	1	36	2	2	32	6	2	11	5	22	1281	0.35	0.03	1.1	0.12	0.01	0.06	-1	-1	-1
S9620867	334728	AM-21	800	5	1	5	28	23	2	2	10	2	2	-1	20	11	51	0.2	18	215	1	6	23	2.19	1	27	2	2	30	5	2	9	4	19	371	0.35	0.04	0.82	0.1	0.01	0.05	-1	-1	-1
S9620868	334729	AM-21	900	5	1	5	28	23	2	2	5	2	2	-1	23	5	76	0.2	29	296	1	8	33	3.02	1	45	2	2	36	5	2	13	5	17	566	0.64	0.03	1.42	0.19	0.01	0.06	-1	-1	-1
S9620869	334730	AM-21	1000	5	1	5	28	23	2	2	5	2	2	-1	18	14	56	0.2	11	157	1	7	23	2.83	1	34	2	2	49	5	2	10	4	12	390	0.48	0.18	1.28	0.14	0.01	0.06	-1	-1	-1
S9620870	334731	AM-21	1100	5	1	5	28	25	3	2	10	2	2	-1	64	24	108	0.2	117	236	1	8	39	2.52	1	40	2	2	33	5	2	13	4	8	342	0.48	0.02	1.51	0.16	0.02	0.05	-1	-1	-1
S9620871	334732	AM-21	1200	5	1	5	3G	46	3	2	10	2	2	-1	41	18	52	0.2	39	354	1	3	21	1.74	1	22	2	2	25	5	2	22	8	15	338	0.2	0.01	1.07	0.22	0.02	0.04	-1	-1	-1
S9620872	334733	AM-21	1300	5	1	5	28	25	3	3	10	2	2	-1	38	21	81	0.2	39	326	1	11	37	2.74	1	40	2	2	37	5	2	54	6	10	623	0.67	0.04	1.45	0.78	0.02	0.06	-1	-1	-1
S9620873	334734	AM-21	1400	5	1	5	28	25	2	2	10	2	2	-1	13	2	7	0.2	2	59	1	2	3	0.52	1	5	2	2	9	5	2	4	1	1	371	0.03	0.02	0.37	0.02	0.02	0.03	-1	-1	-1
S9620874	334735	AM-21	1500	5	1	5	28	25	2	2	5	2	2	-1	39	27	81	0.2	27	258	1	15	46	3.68	1	49	2	2	54	5	2	10	4	16	709	0.74	0.1	1.84	0.15	0.01	0.06	-1	-1	-1
S9620875	334736	AM-21	1800	5	1	5	28	23	2	2	10	2	2	-1	27	11	68	0.2	42	123	1	12	23	4.4	1	37	2	2	92	5	2	9	3	11	804	0.82	0.22	1.66	0.06	0.01	0.08	-1	-1	-1
S9620876	334737	AM-21	1700	5	1	5	BG	23	2	2	5	2	2	-1	17	16	38	0.2	18	163	1	2	12	1.89	1	29	2	2	42	5	2	10	3	13	240	0.3	0.12	0.96	0.07	0.01	0.07	-1	-1	-1
S9620877	334738	AM-21	1800	5	1	5	28	23	2	2	10	2	2	-1	12	10	20	0.2	2	131	1	2	7	1.22	1	18	2	2	46	5	2	9	2	11	149	0.22	0.13	0.94	0.07	0.01	0.05	-1	-1	-1
S9620878	334739	AM-21	1900	5	1	5	13	23	2	2	5	2	2	-1	6	10	13	0.2	10	73	1	2	7	0.6	1	13	2	2	23	5	2	2	2	9	44	0.07	0.04	0.64	0.05	0.01	0.04	-1	-1	-1
S9620879	334740	AM-21	2000	5	1	5	28	23	2	2	5	3	2	-1	29	5	64	0.2	27	165	1	8	31	3.27	1	44	2	2	51	5	2	15	4	13	485	0.71	0.12	1.35	0.15	0.01	0.08	-1	-1	-1
S9620880	334741	AM-21	2100	5	1	5	2G	25	1	3	15	2	2	-1	35	10	83	0.2	25	377	1	12	49	3.14	1	54	2	2	49	5	2	22	5	16	665	0.88	0.07	1.42	0.38	0.01	0.07	-1	-1	-1
S9620881	334742	AM-21	2200	5	1	5	3K	34	3	3	20	2	2	-1	60	15	59	0.2	19	559	1	7	71	2.05	1	65	2	2	32	5	2	62	7	18	302	0.51	0.01	1.41	0.82	0.02	0.07	-1	-1	-1
S9620882	334743	AM-21	2400	5	1	5	3K	45	3	3	30	2	2	-1	85	24	145	0.2	29	545	1	3	34	1.2	1	12	2	2	11	5	2	152	7	5	994	0.28	0.01	0.87	3.06	0.02	0.06	-1	-1	-1
S9620883	334744	AM-21	2500	5	1	5	3G	25	3	2	15	2	2	-1	125	11	127	0.2	27	659	1	6	63	2.06	1	29	2	5	22	5	2	112	14	14	497	0.38	0.01	1.14	1.8	0.02	0.09	-1	-1	-1
S9620884	334745	AM-21	2600	5	1	5	28	25	2	2	10	2	2	-1	58	10	70	0.2	12	388	1	10	58	2.39																				

S9620719	334783	AM-22	1300	5	1	5	38	45	2	2	20	2	-1	75	10	78	0.2	19	584	1	11	58	3.48	1	80	2	2	58	5	2	22	10	18	1234	0.47	0.01	2.08	0.29	0.02	0.07	-1	-1	-1
S9620720	334784	AM-22	1400	5	1	5	38	24	2	2	10	2	-1	13	11	52	0.2	15	114	1	8	36	2.35	1	72	2	2	42	5	2	10	2	8	673	0.4	0.02	0.78	0.14	0.02	0.06	-1	-1	-1
S9620721	334785	AM-22	1500	5	1	5	28	23	3	2	10	2	-1	17	8	53	0.2	9	152	1	6	42	2.84	1	80	2	2	80	5	2	7	2	12	1529	0.32	0.08	0.94	0.1	0.01	0.06	-1	-1	-1
S9620722	334786	AM-22	1600	5	1	5	28	23	2	2	10	2	-1	31	18	49	0.2	20	243	1	6	34	2.89	1	83	2	2	59	5	2	11	4	10	510	0.5	0.03	1.37	0.17	0.02	0.06	-1	-1	-1
S9620723	334787	AM-22	1700	5	1	5	28	36	2	2	20	2	-1	30	9	57	0.2	13	166	1	6	39	2.21	1	51	2	2	43	5	2	15	4	16	433	0.98	0.08	1.47	0.24	0.01	0.06	-1	-1	-1
S9620724	334788	AM-22	1800	5	1	5	28	23	2	2	10	2	-1	6	11	24	0.2	21	109	1	2	17	1.39	1	28	2	2	49	5	2	4	1	16	85	0.11	0.07	0.68	0.08	0.01	0.05	-1	-1	-1
S9620725	334789	AM-22	1900	5	1	5	BG	35	2	2	6	2	-1	54	18	61	0.2	28	127	1	19	80	3.23	1	76	2	2	66	5	2	16	7	16	1066	1.63	0.18	1.9	0.33	0.01	0.07	-1	-1	-1
S9620726	334790	AM-22	2000	5	1	5	28	45	2	2	15	2	-1	29	16	47	0.2	26	307	1	7	37	2.22	1	55	2	2	47	5	2	18	4	13	387	1.11	0.05	1.78	0.27	0.02	0.07	-1	-1	-1
S9620727	334791	AM-22	2100	5	1	5	28	34	2	2	10	2	-1	21	6	29	0.2	7	460	1	6	13	1.97	1	32	2	2	41	5	2	20	3	9	1352	0.22	0.01	0.98	0.24	0.02	0.05	-1	-1	-1
S9620728	334792	AM-22	2200	5	1	5	28	45	2	2	20	2	-1	35	12	33	0.2	20	153	1	5	23	1.64	1	37	2	2	31	5	2	11	4	8	337	0.44	0.03	1.26	0.23	0.02	0.04	-1	-1	-1
S9620729	334793	AM-22	2300	5	1	5	28	34	2	2	10	2	-1	9	2	12	0.2	2	45	1	2	9	0.78	1	20	2	2	17	5	2	4	1	4	150	0.08	0.01	0.69	0.05	0.02	0.04	-1	-1	-1
S9620730	334794	AM-22	2400	5	1	5	28	23	2	2	15	2	-1	21	4	48	0.2	5	166	1	19	29	2.18	1	54	2	2	39	5	2	5	2	6	3042	0.33	0.05	0.8	0.19	0.01	0.07	-1	-1	-1
S9620731	334795	AM-22	2500	5	1	5	28	23	2	2	10	2	-1	41	17	81	0.2	38	143	1	11	37	3.48	3	37	2	2	52	5	2	20	6	17	720	0.55	0.09	1.22	0.2	0.01	0.07	-1	-1	-1
S9620732	334796	AM-22	2600	5	1	5	28	23	2	2	10	2	-1	35	16	79	0.2	26	94	1	8	29	3.08	1	40	2	2	59	5	2	7	3	13	380	0.62	0.13	1.39	0.12	0.01	0.05	-1	-1	-1
S9620733	334797	AM-22	2700	5	1	5	2B	36	2	2	10	3	-1	118	22	108	0.2	15	228	1	19	74	3.72	1	37	2	2	55	5	2	32	16	18	1784	0.73	0.08	1.43	0.37	0.01	0.07	-1	-1	-1
S9620734	334798	AM-22	2800	5	1	5	3B	23	2	2	10	3	-1	66	9	86	0.2	23	90	1	10	35	4.29	1	69	2	2	79	5	2	6	3	7	852	1.01	0.25	1.75	0.11	0.01	0.06	-1	-1	-1
S9620735	334799	AM-22	2900	5	1	5	2B	23	3	2	10	2	-1	45	17	63	0.2	9	137	1	6	28	4.48	1	80	2	2	96	5	2	7	3	7	822	0.63	0.32	1.57	0.07	0.01	0.06	-1	-1	-1
S9620736	334800	AM-22	3000	5	1	5	2B	25	1	2	10	2	-1	41	15	58	0.2	15	134	1	7	31	2.58	1	31	2	2	36	5	2	6	3	18	645	0.44	0.05	1.05	0.08	0.01	0.06	-1	-1	-1
S9620737	334801	AM-22	3100	5	1	5	2B	23	2	2	10	2	-1	80	9	68	0.2	22	140	1	6	41	2.25	1	24	2	2	30	5	2	7	6	22	903	0.32	0.03	1.04	0.06	0.01	0.06	-1	-1	-1
S9620738	334802	AM-22	3200	5	1	5	2B	35	2	2	20	2	-1	159	14	57	0.2	20	508	1	6	29	3.06	1	36	2	2	50	5	2	22	14	36	1468	0.36	0.02	1.72	0.28	0.01	0.05	-1	-1	-1
S9620739	334803	AM-22	3300	5	1	5	2B	23	3	2	6	2	-1	42	13	63	0.2	22	121	1	6	31	3.64	1	51	2	2	58	5	2	7	3	12	499	0.5	0.1	1.28	0.11	0.01	0.06	-1	-1	-1
S9620740	334804	AM-22	3400	5	1	5	3B	25	3	3	20	2	-1	103	10	74	0.2	55	439	1	14	45	2.9	1	61	2	2	55	5	2	50	10	14	1423	0.83	0.03	1.88	1.13	0.02	0.06	-1	-1	-1
S9620741	334805	AM-22	3500	5	1	5	2B	45	2	2	10	3	-1	21	13	40	0.2	23	139	1	5	17	1.33	1	23	2	2	24	5	2	13	2	6	408	0.31	0.04	0.76	0.22	0.03	0.05	-1	-1	-1
S9620742	334806	AM-22	3600	5	1	5	BG	45	1	2	6	2	-1	52	8	71	0.2	26	258	1	8	30	2.23	1	32	2	2	37	5	2	14	6	18	502	0.55	0.07	1.14	0.28	0.01	0.06	-1	-1	-1
S9620743	334807	AM-22	3700	5	1	5	2B	25	2	2	10	2	-1	39	10	54	0.2	23	147	1	10	32	2.28	1	46	2	2	41	5	2	8	4	14	463	0.75	0.11	1.38	0.21	0.01	0.05	-1	-1	-1
S9620744	334808	AM-22	3800	5	1	5	2B	45	3	2	20	2	-1	15	2	18	0.2	22	72	1	2	5	0.74	1	12	2	2	15	5	2	5	1	1	71	0.11	0.02	0.49	0.07	0.03	0.04	-1	-1	-1
S9620745	334809	AM-22	3900	5	1	5	2B	34	2	1	10	2	-1	30	11	81	0.2	32	108	1	12	36	3.94	1	63	2	2	69	5	2	11	2	13	571	0.52	0.09	1.5	0.11	0.01	0.06	-1	-1	-1
S9620746	334810	AM-22	4000	5	1	5	2B	23	2	2	10	2	-1	27	4	47	0.2	15	77	1	6	24	2.1	1	44	2	2	41	5	2	9	3	13	284	0.55	0.09	1.09	0.23	0.01	0.04	-1	-1	-1
S9620747	334811	AM-22	4100	5	1	5	BR	23	2	2	5	2	-1	21	5	64	0.2	12	85	1	4	24	5.41	1	50	2	2	70	5	2	9	2	10	449	0.42	0.16	1.52	0.07	0.01	0.05	-1	-1	-1
S9620748	334812	AM-22	4200	5	1	5	2B	23	2	2	10	2	-1	18	2	39	0.2	2	69	1	2	19	1.82	1	31	2	2	35	5	2	6	1	6	174	0.32	0.07	0.87	0.11	0.02	0.04	-1	-1	-1
S9620933	324362	0	0	0	0	0	2B	24	2	1	15	3	-1	95	21	84	0.2	135	137	1	19	44	3.69	1	15	2	2	21	5	2	8	3	21	2971	0.14	0.02	0.6	0.05	0.01	0.05	-1	-1	-1
S9620934	324363	0	100	0	0	0	1B	23	1	1	10	1	-1	66	12	75	0.2	54	315	1	9	38	2.48	1	17	2	2	20	5	2	11	6	31	824	0.27	0.02	0.71	0.07	0.01	0.05	-1	-1	-1
S9620935	324364	0	200	0	0	0	2B	24	2	1	20	1	-1	58	11	78	0.2	44	284	1	10	37	2.44	1	25	2	2	28	5	2	12	6	28	692	0.41	0.04	1.02	0.1	0.01	0.06	-1	-1	-1
S9620936	324365	0	300	0	0	0	2B	25	1	2	5	1	-1	43	22	79	0.2	35	312	1	11	34	2.78	1	27	2	2	33	5	2	20	9	23	689	0.58	0.07	1.13	0.25	0.01	0.07	-1	-1	-1
S9620937	324366	0	400	0	0	0	1B	24	1	2	10	1	-1	52	18	80	0.2	23	303	1	10	33	2.82	1	30	2	2	35	5	2	17	9	25	637	0.68	0.07	1.34	0.21	0.01	0.07	-1	-1	-1
S9620938	324367	0	500	0	0	0	2B	25	2	2	15	1	-1	44	21	68	0.2	25	268	1	13	42	2.53	1	36	2	2	31	5	2	10	7	25	1003	0.43	0.04	1.1	0.1	0.01	0.07	-1	-1	-1
S9620939	324368	0	600	0	0	0	2B	25	1	2	10	1	-1	42	19	76	0.2	35	219	1	13	41	3.25	1	35	2	2	36	5	2	14	6	23	681	0.58	0.07	1.47	0.16	0.01	0.07	-1	-1	-1
S9620940	324369	0	700	0	0	0	1B	26	1	2	10	2	-1	41	20	68	0.2	27	392	1	10	33	2.85	1	33	2	2	34	5	2	24	8	22	711	0.55	0.06	1.25	0.3	0.01	0.07	-1	-1	-1
S9620941	324370	0	800	0	0																																						

WOLBOOT

S9620975	324405	0	600	1	1	3B	4	2	2	25	2	-1	39	18	17	0.2	2	177	1	5	11	0.73	1	6	2	2	10	5	2	61	5	4	513	0.14	0.01	0.7	2.87	0.02	0.06	-1	-1	-1
S9620976	324406	0	700	1	1	2B	4	3	1	40	2	-1	49	16	26	0.2	3	258	1	6	12	1.36	1	14	2	2	22	5	2	64	9	8	447	0.29	0.01	0.98	2.75	0.02	0.06	-1	-1	-1
S9620977	324407	0	800	1	1	1B	24	1	1	25	2	-1	40	20	73	0.2	15	322	1	17	36	4.12	1	54	2	6	59	5	2	30	5	8	851	0.95	0.05	1.83	0.51	0.01	0.08	-1	-1	-1
S9620978	324408	0	900	1	1	2G	45	2	3	35	1	-1	73	14	114	0.2	22	367	1	16	55	3.09	1	34	2	2	36	5	2	58	7	13	952	0.67	0.02	1.33	1.05	0.01	0.08	-1	-1	-1
S9620979	324409	0	1000	1	1	2G	24	1	1	25	3	-1	49	20	73	0.2	10	228	1	12	41	2.81	1	33	2	2	36	5	2	20	5	16	866	0.74	0.06	1.24	0.35	0.01	0.08	-1	-1	-1
S9620980	324410	0	1100	1	1	2B	4	2	1	25	3	-1	59	10	36	0.2	2	364	1	7	25	1.83	1	17	2	2	19	5	2	19	9	14	881	0.23	0.01	1.14	0.16	0.01	0.06	-1	-1	-1
S9620981	324411	0	1200	1	1	2B	4	2	1	30	3	-1	13	7	7	0.2	8	127	1	2	6	0.41	1	2	2	2	8	5	2	19	3	1	123	0.08	0.01	0.38	0.31	0.02	0.05	-1	-1	-1
S9620982	324412	0	1300	1	1	2G	24	1	1	35	3	-1	40	17	82	0.2	16	292	1	13	33	3.72	1	40	2	6	63	5	2	29	5	11	616	1.03	0.12	1.81	0.65	0.01	0.07	-1	-1	-1
S9620983	324413	0	1400	1	1	2B	24	2	1	15	2	-1	15	20	72	0.2	12	287	1	10	14	4.08	1	14	2	2	57	5	2	34	3	8	1520	0.88	0.23	1.29	0.43	0.01	0.08	-1	-1	-1
S9620984	324414	0	1500	1	1	K	4	2	2	20	1	-1	74	14	84	0.2	16	440	1	6	18	2.32	1	36	2	2	47	5	2	67	9	16	686	0.47	0.02	1.58	1.23	0.02	0.06	-1	-1	-1
S9620985	324415	0	1600	1	1	1B	24	2	1	15	1	-1	8	2	14	0.2	9	97	1	2	5	0.89	1	9	2	2	22	5	2	7	2	8	429	0.18	0.04	0.62	0.08	0.01	0.06	-1	-1	-1
S9620986	324416	0	1700	1	1	2B	24	1	1	10	1	-1	12	5	55	0.2	6	125	1	6	9	3.23	1	19	2	2	54	5	2	7	2	10	498	0.35	0.12	1.07	0.09	0.01	0.08	-1	-1	-1
S9620987	324417	0	1800	1	1	2G	25	1	2	25	1	-1	18	2	16	0.2	13	239	1	2	9	0.69	1	15	2	2	20	5	2	16	2	8	97	0.14	0.01	1.07	0.16	0.01	0.05	-1	-1	-1
S9620988	324418	0	1900	1	1	3B	4	2	2	30	1	B	51	18	46	0.2	18	384	1	3	53	1.57	1	35	2	2	25	5	2	65	10	16	211	0.34	0.01	1.45	1.16	0.01	0.08	-1	-1	-1
S9620989	324419	0	2000	1	1	2B	24	1	1	15	1	-1	5	6	19	0.2	12	50	1	2	5	1.01	1	14	2	2	48	5	2	4	1	9	120	0.11	0.04	0.73	0.03	0.01	0.05	-1	-1	-1
S9620990	324420	0	2100	1	1	2B	24	1	1	15	2	-1	8	9	42	0.2	2	241	1	4	17	1.51	1	33	2	2	32	5	2	14	2	10	504	0.32	0.02	0.76	0.15	0.01	0.06	-1	-1	-1
S9620991	324421	0	2200	1	1	2G	24	2	1	15	2	-1	13	12	46	0.2	12	294	1	5	44	2.03	1	85	2	2	40	5	2	13	2	10	295	0.45	0.01	1.07	0.18	0.01	0.06	-1	-1	-1
S9620992	324422	0	2300	1	1	2G	23	1	1	10	2	-1	7	2	18	0.2	2	132	1	2	13	1.03	1	36	2	2	32	5	2	5	1	16	62	0.16	0.01	1.04	0.05	0.01	0.05	-1	-1	-1
S9620993	324423	0	2400	1	1	2G	25	1	3	25	2	-1	12	11	50	0.2	10	617	1	3	45	2.04	1	86	2	2	34	5	2	37	3	11	241	0.62	0.01	1.24	0.62	0.01	0.06	-1	-1	-1
S9620994	324424	0	2500	1	1	3B	4	1	1	25	2	-1	27	2	37	0.2	9	329	1	3	37	2.02	1	77	2	2	31	5	2	15	4	10	528	0.28	0.01	1.42	0.18	0.01	0.06	-1	-1	-1
S9620995	324425	0	2600	1	1	2G	25	1	2	25	2	-1	33	13	61	0.2	5	174	1	11	62	2.31	1	61	2	2	42	5	2	19	6	17	401	0.85	0.07	1.32	0.34	0.01	0.06	-1	-1	-1
S9620996	324426	0	2700	1	1	3B	24	1	1	25	2	-1	23	11	67	0.2	23	238	1	4	43	2.11	1	77	2	2	35	5	2	11	3	12	395	0.46	0.01	1.26	0.14	0.01	0.06	-1	-1	-1
S9620997	324427	0	2800	1	1	3B	24	1	1	30	2	-1	30	7	66	0.2	12	679	1	4	40	2.62	1	115	2	2	51	5	2	23	5	13	907	0.51	0.01	2.08	0.35	0.01	0.08	-1	-1	-1
S9620998	324428	0	2900	1	1	1B	23	2	1	20	2	-1	1	2	8	0.2	11	45	1	2	3	0.25	1	4	2	2	5	5	2	6	1	1	19	0.03	0.01	0.17	0.05	0.01	0.04	-1	-1	-1
S9620999	324429	0	3000	1	1	2G	23	1	1	15	2	-1	10	2	42	0.2	2	146	1	3	39	1.85	1	77	2	2	40	5	2	8	1	8	610	0.36	0.02	0.63	0.12	0.01	0.06	-1	-1	-1
S9621000	324430	0	3100	1	1	1R	4	2	1	10	2	-1	48	16	68	0.2	7	249	1	8	47	3.26	1	59	2	2	52	5	2	9	3	14	1484	0.91	0.11	1.51	0.15	0.01	0.06	-1	-1	-1
S9621001	324431	0	3200	1	1	1B	25	1	2	10	1	-1	50	17	58	0.2	13	316	1	10	47	2.57	1	64	2	2	45	5	2	16	6	16	658	0.9	0.1	1.48	0.3	0.01	0.06	-1	-1	-1
S9621002	324432	0	3300	1	1	2G	25	1	2	15	2	-1	42	9	59	0.2	18	213	1	9	32	2.64	1	54	2	2	48	5	2	10	6	16	833	0.87	0.11	1.48	0.2	0.01	0.06	-1	-1	-1
S9621003	324433	0	3400	1	1	1G	35	1	2	10	2	-1	9	8	21	0.2	16	42	1	2	5	0.74	1	14	2	2	27	5	2	3	1	8	102	0.07	0.03	0.42	0.04	0.01	0.05	-1	-1	-1
S9621004	324434	0	3500	1	1	2G	25	1	2	15	2	-1	56	14	87	0.2	13	235	1	12	36	2.78	1	58	2	2	53	5	2	12	5	19	1076	0.87	0.08	1.47	0.17	0.01	0.06	-1	-1	-1
S9621005	324435	0	3600	1	1	3B	24	2	1	10	2	-1	32	14	45	0.2	15	401	1	8	17	1.75	1	27	2	2	34	5	2	12	4	10	2206	0.18	0.01	1	0.12	0.01	0.08	-1	-1	-1
S9621006	324436	0	3700	1	1	3B	23	2	2	20	2	-1	11	4	32	0.2	2	156	1	2	9	1.05	1	17	2	2	18	5	2	11	2	4	337	0.2	0.01	0.77	0.13	0.01	0.05	-1	-1	-1
S9621007	324437	0	3800	1	1	1B	23	1	1	10	1	-1	44	7	66	0.2	15	182	1	9	32	2.25	1	32	2	2	37	5	2	14	5	20	698	0.52	0.07	0.96	0.21	0.01	0.06	-1	-1	-1
S9621008	324438	0	3900	1	1	2B	24	2	1	20	2	-1	54	23	78	0.2	37	224	1	11	48	2.97	1	64	2	2	58	5	2	8	4	18	1180	0.88	0.08	1.38	0.16	0.01	0.05	-1	-1	-1
S9621009	324439	0	4000	1	1	2B	24	2	2	10	2	-1	37	14	58	0.2	14	293	1	20	29	2.91	1	64	2	2	70	5	2	10	4	14	1457	0.55	0.11	1.29	0.16	0.01	0.06	-1	-1	-1
S9621010	324440	0	4100	1	1	2B	24	2	1	15	1	-1	15	2	29	0.2	32	190	1	4	32	2.65	1	46	2	2	48	5	2	1	2	1	844	0.71	0.1	1.13	0.11	0.01	0.05	-1	-1	-1
S9621011	324441	0	4200	1	1	2B	24	2	2	15	2	-1	6	18	15	0.2	10	72	1	2	7	0.88	1	14	2	2	17	5	2	4	1	2	163	0.11	0.04	0.36	0.03	0.01	0.05	-1	-1	-1
S9621012	324442	0	4300	1	1	1B	23	1	2	20	1	-1	41	21	55	0.2	10	168	1	14	35	2.39	1	50	2	2	45	5	2	11	5	18	925	0.77	0.1	1.38	0.21	0.01	0.05	-1	-1	-1
S9621013	324443	0	4400	1	1	2B	24	1	1	15	1	-1	24	20	79	0.2	26	183	1	9	49	3.49	1	27	2	2	51	5	2	11	2	17	420	0.57	0.04	1.17	0.1	0.01	0.06	-1	-1	-1
S9621103	335136	0	100	3	1	5	2B	34	1	1	20																															

WOLBOOT

S9621135	335168	0	3200	3	1	5	B3	4	3	3	30	2	81	65	2	35	0.2	6	318	1	4	18	1.16	1	26	2	2	19	5	2	48	7	15	353	0.2	0.02	0.83	1.16	0.01	0.05	-1	-1	-1
S9621136	335169	0	3300	3	1	5	G	45	2	3	30	2	8	13	2	20	0.2	6	123	1	2	6	0.49	1	7	2	2	7	5	3	11	2	5	42	0.06	0.01	0.86	0.13	0.02	0.04	-1	-1	-1
S9621137	335170	0	3400	3	1	5	B3	4	3	2	35	1	81	64	193	28	0.2	2	382	1	2	12	0.61	1	4	2	2	7	5	2	74	7	5	1082	0.07	0.01	0.82	2.68	0.02	0.04	-1	-1	-1
S9621138	335172	0	3600	3	1	5	B2	34	2	2	30	1	B2	60	10	22	0.7	14	549	1	10	19	1.08	1	11	2	2	12	5	2	86	6	10	537	0.11	0.01	0.89	1.8	0.02	0.04	-1	-1	-1
S9621139	335173	0	3700	3	1	5	B2	23	1	1	20	1	B2	42	10	54	0.2	21	369	1	8	23	1.68	1	41	2	2	27	5	2	67	5	12	913	0.34	0.02	1.22	0.91	0.02	0.08	-1	-1	-1
S9621140	335174	0	3800	3	1	5	B2	23	1	1	20	1	B2	23	8	65	0.2	18	171	1	8	31	2.27	1	45	2	2	36	5	2	12	4	14	377	0.6	0.06	1.04	0.17	0.01	0.07	-1	-1	-1
S9621141	335175	0	0	3	1	5	-1	-1	-1	-1	-1	-1	-1	48	13	50	0.2	25	370	1	8	21	1.88	1	40	2	2	32	5	2	22	8	17	543	0.34	0.04	0.96	0.26	0.01	0.07	-1	-1	-1
S9621142	335176	0	3800	3	1	5	B2	23	2	1	20	1	B2	42	6	72	0.2	24	208	1	6	28	2.06	1	27	2	2	27	5	2	23	5	20	466	0.44	0.03	0.93	0.27	0.01	0.06	-1	-1	-1
S9621143	335177	0	4000	3	1	5	B2	45	2	2	20	1	B2	75	17	112	0.5	22	563	1	9	45	2.39	1	39	2	2	32	5	2	43	10	20	765	0.47	0.01	1.62	0.56	0.01	0.08	-1	-1	-1
S9621144	335178	0	4100	3	2	-	B2	32	1	3	-1	2	1	43	30	133	0.2	50	362	1	5	35	1.71	1	23	2	2	16	5	2	36	10	47	447	0.32	0.01	0.91	0.43	0.01	0.15	-1	-1	-1
S9621145	335179	0	4200	3	1	5	B2	23	1	2	15	2	B2	52	29	209	0.8	80	412	1	5	37	2.01	1	32	2	2	21	5	2	49	14	30	485	0.47	0.01	1.27	0.72	0.01	0.09	-1	-1	-1
S9621146	335180	0	4300	3	1	5	KG	4	3	2	20	2	B2	83	21	163	0.2	35	489	3	2	29	0.99	1	13	2	2	11	5	2	142	17	22	368	0.26	0.01	0.66	2.17	0.01	0.06	-1	-1	-1
S9621147	335181	0	4400	3	1	5	B3	4	3	2	20	1	B2	58	21	157	0.8	30	678	4	7	37	1.47	1	29	2	2	20	5	2	128	11	18	1095	0.39	0.01	0.94	1.84	0.01	0.08	-1	-1	-1
S9621148	335182	0	4500	3	1	5	B2	4	3	3	30	1	B1	121	13	226	1.1	31	601	5	6	61	1.71	1	50	2	2	29	5	2	94	11	17	546	0.51	0.01	1.14	0.92	0.01	0.06	-1	-1	-1
S9621149	335183	0	0	3	1	5	B2	23	1	1	15	2	B2	42	16	78	0.2	29	635	1	10	27	3.16	1	30	2	2	43	5	2	12	8	19	610	0.58	0.03	1.64	0.17	0.01	0.07	-1	-1	-1
S9621150	335184	0	100	3	1	5	B2	35	1	1	15	2	B2	33	7	58	0.2	21	303	1	7	25	2.75	1	29	2	2	40	5	2	5	3	16	531	0.54	0.06	1.51	0.03	0.01	0.07	-1	-1	-1
S9621151	335185	0	200	3	1	5	B2	35	1	1	15	2	B2	9	8	21	0.2	12	110	1	2	2	0.45	1	4	2	2	8	5	2	12	2	3	100	0.06	0.02	0.35	0.25	0.02	0.04	-1	-1	-1
S9621152	335186	0	300	3	1	5	B2	24	1	1	15	2	B2	20	8	53	0.2	19	286	1	5	11	2.31	2	20	2	2	30	5	2	18	8	18	458	0.33	0.04	1.02	0.26	0.01	0.08	-1	-1	-1
S9621153	335187	0	400	3	1	5	B2	24	1	1	20	2	B2	19	18	62	0.2	23	480	1	7	13	3.38	1	26	2	2	54	5	2	20	5	9	484	0.45	0.21	0.37	0.27	0.01	0.09	-1	-1	-1
S9621154	335188	0	500	3	1	5	B2	24	2	1	25	2	B2	28	10	71	0.2	23	721	1	7	15	2.74	1	32	2	2	42	5	2	35	6	13	1181	0.36	0.01	1.46	0.48	0.01	0.07	-1	-1	-1
S9621155	335189	0	600	3	1	5	B2	24	2	1	30	2	B2	31	39	74	0.6	28	381	1	13	24	3.57	1	47	2	2	53	5	2	25	8	14	945	0.69	0.03	1.96	0.58	0.01	0.07	-1	-1	-1
S9621156	335190	0	700	3	1	5	B3	4	3	1	35	2	B1	57	26	99	0.4	26	359	1	17	34	3.44	1	52	2	2	50	5	2	57	13	16	1279	0.79	0.02	2.11	1.53	0.01	0.08	-1	-1	-1
S9621157	335191	0	800	3	1	5	B3	4	3	2	40	2	B1	68	10	31	0.2	12	154	1	3	20	1.24	1	14	2	2	14	5	2	46	9	10	139	0.21	0.01	1.1	1.52	0.02	0.07	-1	-1	-1
S9621158	335192	0	900	3	1	5	B2	23	1	1	20	2	B2	35	25	90	0.7	33	288	1	15	25	4.53	1	58	2	2	67	5	2	8	6	10	1054	0.79	0.23	1.93	0.09	0.01	0.07	-1	-1	-1
S9621159	335193	0	1000	3	1	5	B2	23	1	1	20	2	B2	25	13	50	0.2	11	107	1	6	14	3.04	1	33	2	2	44	5	2	6	2	8	816	0.29	0.2	1.09	0.05	0.01	0.07	-1	-1	-1
S9621160	335194	0	1100	3	1	5	B2	23	1	1	20	2	B2	92	32	86	0.2	81	347	1	17	48	2.73	1	30	2	2	38	5	2	14	5	23	1226	0.41	0.05	1.1	0.09	0.01	0.07	-1	-1	-1
S9621161	335195	0	1200	3	2	-	B3	4	1	1	-1	2	1	42	11	159	0.2	16	514	1	8	26	2.47	1	27	2	2	25	5	2	45	7	10	866	0.37	0.01	1.23	1.23	0.01	0.14	-1	-1	-1
S9621162	335196	0	1300	3	1	5	B2	34	1	1	20	3	B2	21	2	48	0.2	8	446	1	4	15	2.61	1	32	2	2	39	5	2	13	3	15	478	0.31	0.02	1.13	0.15	0.01	0.08	-1	-1	-1
S9621163	335197	0	1400	3	1	5	B2	25	1	2	20	3	B2	39	26	66	0.5	23	436	1	14	37	3.24	1	51	2	2	50	5	2	27	4	14	854	0.88	0.05	1.71	0.49	0.01	0.07	-1	-1	-1
S9621164	335198	0	1500	3	1	5	B2	23	1	1	20	3	B2	22	49	81	0.2	11	312	1	12	31	3.71	1	53	2	2	76	5	2	16	4	10	839	1	0.24	1.44	0.32	0.01	0.1	-1	-1	-1
S9621165	335199	0	1600	3	1	5	B3	34	2	1	20	3	B2	23	8	49	0.2	4	449	1	6	15	2.83	1	29	2	2	55	5	2	9	4	14	478	0.48	0.08	1.8	0.12	0.01	0.08	-1	-1	-1
S9621166	335200	0	1700	3	1	5	B2	34	1	1	20	3	B2	32	16	76	0.2	3	357	1	16	42	3.17	1	63	2	2	50	5	2	11	4	16	1228	0.79	0.07	1.44	0.16	0.01	0.08	-1	-1	-1
S9621167	335201	0	1800	3	1	5	G	5	1	1	25	2	B2	20	6	71	0.2	10	290	1	7	19	3.12	1	34	2	2	67	5	2	12	4	12	718	0.58	0.09	1.42	0.18	0.01	0.08	-1	-1	-1
S9621168	335202	0	1900	3	1	5	B2	23	1	2	20	2	B2	31	13	66	0.2	8	613	1	7	28	2.61	1	68	2	2	56	5	2	9	3	17	790	0.38	0.02	1.09	0.09	0.01	0.07	-1	-1	-1
S9621169	335203	0	2000	3	1	5	B2	23	1	2	20	3	B2	37	12	55	0.2	2	632	1	4	23	1.67	1	33	2	2	52	5	2	16	4	22	629	0.35	0.01	0.88	0.15	0.01	0.06	-1	-1	-1
S9621170	335204	0	2100	3	1	5	B2	23	1	1	15	3	B2	72	4	68	0.2	2	222	1	5	36	2.48	1	43	2	2	34	5	2	14	5	23	1081	0.73	0.09	1.15	0.24	0.01	0.05	-1	-1	-1
S9621171	335205	0	2200	3	1	5	B2	34	1	1	20	3	B2	26	1093	76	0.4	9	212	1	7	42	2.73	1	63	2	2	44	5	2	10	3	16	582	0.72	0.06	1.2	0.12	0.01	0.06	-1	-1	-1
S9621172	335206	0	2300	3	1	5	B2	32	1	1	15	3	B2	72	7	71	0.4	9	315	1	9	48	2.93	1	74	2	2	58	5	2	16	7	18	1171	1.13	0.18	1.67	0.32	0.01	0.07	-1	-1	-1
S9621173	335207	0	2400	3	1	5	B2	32	1	1	15	3	B2	115	178	83	0.2	24	625	1	8	46	2.5																				

WOLBOOT

S9621350	334014	MH-26	1300	4	1	5	•	2B	45	3	2	25	2	B	95	195	124	1.5	32	882	1	8	47	3.65	1	51	2	2	52	5	2	41	12	13	1831	0.62	0.02	2.51	1.43	0.02	0.08	-1	-1	-1
S9621351	334015	MH-26	1400	4	1	5	•	2B	45	2	2	15	2	B	35	26	81	0.2	21	278	1	8	33	3.71	2	46	2	2	57	5	2	8	2	15	752	0.64	0.05	1.76	0.1	0.01	0.08	-1	-1	-1
S9621352	334016	MH-26	1500	4	1	5	•	1B	25	2	2	20	2	B	28	134	61	0.2	17	280	1	4	24	3.4	1	33	2	2	68	5	2	9	3	17	528	0.55	0.16	1.74	0.13	0.01	0.08	-1	-1	-1
S9621353	334017	MH-26	1600	4	1	5	•	2B	45	2	2	25	2	B	16	14	48	0.2	6	405	1	3	21	2.57	1	61	2	2	82	5	2	15	3	14	432	0.49	0.07	1.35	0.22	0.01	0.08	-1	-1	-1
S9621354	334018	MH-26	1700	4	1	5	•	2B	45	2	1	5	2	B	14	15	38	0.2	11	322	1	3	31	2.29	1	69	2	2	51	5	2	11	3	17	304	0.47	0.06	1.21	0.17	0.01	0.08	-1	-1	-1
S9621355	334019	MH-26	1800	4	1	5	•	3G	5	2	3	20	2	B	97	22	64	1.3	32	465	1	8	89	2.94	3	121	2	2	51	5	2	24	21	40	663	0.81	0.02	1.84	0.47	0.01	0.07	-1	-1	-1
S9621356	334020	MH-26	1900	4	1	5	•	2B	4	2	2	20	3	B	10	24	43	0.2	8	152	1	2	35	2.61	1	79	2	2	54	5	2	7	3	18	281	0.42	0.08	0.98	0.11	0.01	0.08	-1	-1	-1
S9621357	334021	MH-26	2000	4	1	5	•	2B	24	2	2	5	3	B	44	10	86	0.2	19	213	1	5	36	2.09	2	38	2	2	54	5	2	13	4	24	547	0.51	0.06	0.98	0.17	0.01	0.05	-1	-1	-1
S9621358	334022	MH-26	2100	4	1	5	•	2B	4	3	2	10	4	B	51	22	75	0.2	19	287	1	2	38	2.96	2	51	2	2	50	5	2	8	3	19	402	0.58	0.03	1.63	0.07	0.01	0.07	-1	-1	-1
S9621359	334023	MH-26	2200	4	1	5	•	2B	24	3	2	25	4	B	31	27	52	0.2	23	163	1	3	30	2.21	2	47	2	2	51	5	2	11	3	22	462	0.55	0.04	1	0.12	0.01	0.08	-1	-1	-1
S9621360	334024	MH-26	2300	4	1	5	•	2B	24	2	2	10	4	B	22	24	46	0.2	26	145	1	2	19	1.92	3	35	2	2	57	5	2	8	2	17	481	0.19	0.05	0.73	0.08	0.01	0.05	-1	-1	-1
S9621361	334025	MH-26	2400	4	1	5	•	3B	4	3	2	10	4	B	39	20	52	0.2	11	414	1	17	23	2.25	1	45	2	2	58	5	2	14	3	15	3765	0.42	0.02	1.04	0.21	0.01	0.08	-1	-1	-1
S9621362	334026	MH-26	2500	4	1	5	•	2B	24	2	2	15	3	B	17	69	75	0.2	26	245	1	18	51	2.76	1	68	2	2	49	5	2	16	6	22	1629	0.95	0.07	1.6	0.25	0.01	0.06	-1	-1	-1
S9621363	334027	MH-26	2600	4	1	5	•	1B	4	1	2	15	3	B	74	18	16	0.2	2	83	1	3	9	0.89	1	15	2	2	20	5	2	7	2	3	252	0.15	0.03	0.43	0.1	0.03	0.04	-1	-1	-1
S9621364	334028	MH-26	2700	4	1	5	•	2B	4	2	2	15	3	B	68	19	90	0.2	19	174	1	8	33	2.38	1	39	2	2	43	5	2	14	5	26	808	0.54	0.07	1.02	0.21	0.01	0.05	-1	-1	-1
S9621365	334029	MH-26	2800	4	1	5	•	2B	45	2	2	15	2	B	189	143	139	0.2	36	173	1	9	33	3.3	1	64	2	2	65	5	2	13	4	17	595	0.95	0.16	1.43	0.24	0.01	0.05	-1	-1	-1
S9621366	334030	MH-26	2900	4	1	5	•	3G	5	2	2	20	2	B	142	21	118	0.2	24	321	1	16	66	3.18	1	65	2	2	57	5	2	16	8	22	1604	1.13	0.09	1.74	0.35	0.01	0.07	-1	-1	-1
S9621367	334031	MH-26	3000	4	1	5	•	3B	4	2	2	10	2	B	147	66	86	0.2	27	219	1	11	44	2.9	1	49	2	2	57	5	2	10	6	27	1831	0.84	0.08	1.28	0.15	0.01	0.07	-1	-1	-1
S9621368	334032	MH-26	3100	4	1	5	•	2B	45	2	2	15	2	B	47	14	73	0.2	13	236	1	8	24	2.18	1	37	2	2	42	5	2	11	3	14	561	0.44	0.07	0.96	0.2	0.01	0.05	-1	-1	-1
S9621369	334033	MH-26	3200	4	1	5	•	3B	4	2	2	10	2	B	51	15	81	0.2	21	498	1	11	28	2.9	1	37	2	2	68	5	2	19	3	15	872	0.56	0.1	1.24	0.25	0.01	0.05	-1	-1	-1
S9621370	334034	MH-26	3300	4	1	5	•	3G	25	2	3	10	2	B	183	39	127	0.6	80	329	1	11	65	3.77	3	48	2	2	48	5	2	26	8	30	3332	0.89	0.03	1.88	0.32	0.01	0.08	-1	-1	-1
S9621371	334035	MH-26	3400	4	1	5	•	3B	25	2	2	15	3	B	88	28	108	0.2	20	452	1	8	40	2.74	3	31	2	2	39	5	2	14	4	21	1976	0.41	0.05	1.18	0.15	0.01	0.06	-1	-1	-1
S9621372	334036	MH-26	3500	4	1	5	•	3B	4	2	1	15	2	B	39	34	75	0.2	20	188	1	5	29	3.84	2	69	2	2	73	5	2	10	2	9	798	0.52	0.24	1.1	0.11	0.01	0.06	-1	-1	-1
S9621373	334037	MH-26	3600	4	1	5	•	2B	4	2	2	25	2	B	78	30	81	0.2	22	247	1	15	47	3.04	2	65	2	2	67	5	2	15	6	17	763	1.04	0.14	1.65	0.31	0.01	0.06	-1	-1	-1
S9621374	334038	MH-26	3700	4	1	5	•	2B	4	2	2	5	3	B	27	20	37	0.2	11	264	1	2	18	2.02	1	31	2	2	55	5	2	11	2	12	358	0.2	0.07	0.77	0.13	0.01	0.09	-1	-1	-1
S9621375	334039	MH-26	3800	4	1	5	•	2B	4	2	2	10	3	B	14	12	61	0.2	19	167	1	7	37	3.09	1	48	2	2	45	5	2	8	3	12	584	0.55	0.2	1.04	0.18	0.01	0.08	-1	-1	-1
S9621376	334040	MH-26	3900	4	1	5	•	B	4	3	2	10	2	B	1	2	3	0.2	5	17	1	2	1	0.14	1	2	2	2	3	5	2	3	1	3	82	0.09	0.02	0.42	0.12	0.02	0.03	-1	-1	-1
S9621377	334041	MH-26	4000	4	1	5	•	G1	4	2	2	10	2	B	78	23	78	0.2	21	409	1	11	47	2.63	1	60	2	2	45	5	2	19	8	17	662	0.85	0.1	1.42	0.48	0.01	0.06	-1	-1	-1
S9621378	334042	MH-26	4100	4	1	5	•	2B	4	2	2	10	2	B	38	40	27	0.2	19	259	1	2	14	0.75	1	12	2	2	10	5	2	27	3	3	190	0.13	0.02	0.58	0.68	0.02	0.04	-1	-1	-1
S9621379	334043	MH-26	4200	4	1	5	•	2K	-1	2	2	35	2	A	30	7	13	0.2	2	161	1	2	10	0.27	1	4	2	2	4	5	2	29	4	2	62	0.06	0.01	0.29	0.69	0.03	0.03	-1	-1	-1
S9621380	334044	MH-26	4300	4	1	5	•	3K	-1	3	3	10	2	B	27	18	96	0.2	14	144	1	5	29	3.66	2	43	2	2	54	5	2	7	2	17	460	0.37	0.05	1.13	0.06	0.01	0.05	-1	-1	-1
S9621381	334045	MH-26	4400	4	1	5	•	1B	4	2	2	10	2	B	41	62	49	0.2	18	106	1	8	48	2.19	1	59	2	2	39	5	2	5	2	12	506	0.52	0.04	0.96	0.08	0.01	0.04	-1	-1	-1
S9621382	334046	MH-26	4500	4	1	5	•	1B	4	1	1	25	2	B	31	18	31	0.2	9	182	1	2	12	1.4	1	12	2	2	32	5	2	5	2	27	96	0.07	0.01	0.49	0.02	0.01	0.05	-1	-1	-1
S9621383	334047	MH-26	4600	4	1	5	•	1B	24	2	2	15	2	B	34	129	54	0.2	8	138	1	2	12	0.93	3	6	2	2	29	5	2	5	2	22	48	0.01	0.01	0.26	0.02	0.01	0.03	-1	-1	-1
S9621384	334048	MH-26	4700	4	1	5	•	1B	24	1	2	20	3	B	31	18	31	0.2	9	182	1	2	12	0.93	3	6	2	2	29	5	2	5	2	22	48	0.01	0.01	0.26	0.02	0.01	0.03	-1	-1	-1
S9621385	334049	MH-26	4800	4	1	5	•	2B	4	2	2	20	3	B	34	269	68	0.2	31	191	1	4	28	2.87	2	37	2	2	50	5	2	6	1	20	404	0.34	0.04	1.04	0.05	0.01	0.04	-1	-1	-1
S9621386	334050	MH-26	4900	4	1	5	•	2G	24	2	1	10	2	B	31	7	18	0.2	4	396	1	2	9	0.64	2	6	2	2	12	5	2	5	1	9	90	0.02	0.01	0.21	0.02	0.01	0.03	-1	-1	-1
S9621387	334052	MH-27	0	4	1	5	•	2B	45	2	2	15	2	B	23	20	98	0.2	15	184	1	7	17	3.38</																				

WOLBOOT

S9621422	334087	MH-27	3500	4	1	6	28	4	1	2	20	4	B	61	22	78	0.2	23	124	1	14	28	3.57	1	57	2	2	75	6	2	10	2	10	831	0.71	0.27	1.49	0.11	0.01	0.05	-1	-1	-1	
S9621423	334088	MH-27	3600	4	2	6	1	28	2	2	3	6	1	B	1239	42	100	0.6	25	500	1	15	37	2.99	1	52	2	2	80	5	2	22	7	23	2483	0.41	0.03	1.6	0.41	0.01	0.06	-1	-1	-1
S9621424	334089	MH-27	3700	4	1	6	1	28	4	2	1	15	4	B	70	46	77	0.2	18	168	1	8	43	2.49	2	33	2	2	43	5	2	10	3	21	812	0.37	0.04	1.14	0.09	0.01	0.05	-1	-1	-1
S9621425	334090	MH-27	3800	4	1	6	1	1G	45	2	2	20	4	B	4	13	4	0.2	4	20	1	2	2	0.34	1	2	2	2	9	5	2	4	1	1	26	0.03	0.01	0.14	0.03	0.02	0.03	-1	-1	-1
S9621426	334091	MH-27	3900	4	1	6	1	28	45	1	2	25	2	B	62	23	63	0.2	19	550	1	13	38	3.01	1	58	2	2	75	6	2	14	5	12	910	1	0.21	1.52	0.37	0.01	0.05	-1	-1	-1
S9621427	334092	MH-27	4000	4	1	6	1	38	24	1	2	25	3	B	32	25	44	0.2	8	168	1	5	21	2.23	2	42	2	2	69	5	2	9	2	18	365	0.35	0.08	1.09	0.1	0.01	0.04	-1	-1	-1
S9621428	334093	MH-27	4100	4	1	6	1	28	24	2	2	15	3	B	62	136	112	0.4	24	318	1	18	49	3.39	2	68	2	2	65	5	2	18	3	16	1203	0.94	0.11	1.71	0.31	0.01	0.07	-1	-1	-1
S9621429	334094	MH-27	4200	4	1	5	1	18	3	1	2	15	2	B	6	2	9	0.2	2	39	1	2	1	0.41	1	5	2	2	10	5	2	9	1	1	40	0.06	0.02	0.21	0.15	0.02	0.03	-1	-1	-1
S9621430	334095	MH-27	4300	4	1	5	1	28	26	2	2	15	2	B	18	142	53	0.2	10	125	1	2	10	1.72	1	32	2	2	62	5	2	8	1	14	283	0.13	0.09	0.69	0.11	0.01	0.05	-1	-1	-1
S9621431	334096	MH-27	4400	4	1	5	1	28	24	1	2	15	3	B	25	19	57	0.2	9	180	1	6	23	2.01	1	42	2	2	46	5	2	12	2	15	362	0.62	0.09	1.04	0.24	0.01	0.05	-1	-1	-1
S9621432	334097	MH-27	4500	4	1	5	1	1G	6	1	2	15	2	B	1	14	6	0.2	11	47	1	2	1	0.15	1	2	2	2	3	5	2	5	1	1	1	0.02	0.01	0.12	0.04	0.02	0.03	-1	-1	-1
S9621433	334098	MH-27	4600	4	1	5	1	28	26	1	2	15	2	B	20	11	56	0.2	3	228	1	6	20	2.15	2	34	2	2	44	5	2	9	2	12	570	0.41	0.08	1.03	0.1	0.01	0.06	-1	-1	-1
S9610673	325598	7700+50	19500	-	1	5	1	28	24	2	1	15	2	B2	33	16	49	0.2	30	251	1	4	19	1.45	2	15	2	2	29	1	1	6	1	13	413	0.05	0.01	0.46	0.03	0.01	0.08	5	10	3376
S9610674	325599	7700+50	19500	-	1	5	1	28	24	1	2	15	2	B2	38	14	58	0.2	17	165	1	6	26	2.02	1	25	2	2	28	1	1	6	1	14	331	0.29	0.02	0.92	0.05	0.01	0.1	5	10	3571
S9610675	325600	7600+50	19500	-	1	5	1	28	24	1	1	15	3	B2	42	25	85	0.4	12	240	1	6	27	2.33	2	27	2	2	35	1	1	12	63	17	656	0.26	0.02	0.87	0.05	0.01	0.08	5	10	5167
S9610676	325601	7600+50	19500	-	1	5	1	28	24	1	1	15	3	B2	120	24	121	0.4	17	421	1	15	53	2.8	1	31	2	2	26	1	1	18	6	18	447	0.27	0.01	1.05	0.08	0.01	0.09	5	10	3271
S9610677	325602	7500+00	19500	-	1	5	1	28	24	2	1	15	3	B2	39	17	92	0.2	5	120	1	6	29	2.41	2	28	2	2	29	1	1	10	2	15	1663	0.3	0.01	1.05	0.1	0.01	0.11	5	10	7307
S9610678	325603	7400+50	19500	-	1	5	1	28	24	1	2	15	3	B2	91	18	107	0.2	20	267	1	11	38	2.85	3	33	2	2	33	1	1	8	1	15	1410	0.4	0.01	1.29	0.04	0.02	0.11	5	10	2387
S9610679	325604	7300+50	19500	-	1	5	1	28	24	2	1	15	3	B2	143	45	132	0.6	24	630	1	14	49	2.77	1	34	2	2	28	1	1	27	3	19	1375	0.57	0.01	1.36	0.17	0.02	0.12	5	10	6475
S9610680	325605	7300+00	19500	-	1	5	1	28	25	2	2	20	3	B2	110	58	134	0.6	19	542	1	9	44	2.62	2	29	2	2	20	1	1	15	2	17	830	0.52	0.01	1.24	0.05	0.02	0.12	5	10	8463
S9610681	325606	7200+50	19500	-	1	5	1	28	24	2	1	20	3	B2	79	218	178	1.4	61	902	1	4	17	2.4	6	14	2	2	19	1	1	99	3	17	958	0.07	0.01	0.6	0.07	0.02	0.19	5	10	10790
S9610682	325607	7100+50	19500	-	1	5	1	BG	25	2	2	15	3	B2	8	23	15	0.4	16	108	1	1	1	0.48	1	4	2	2	8	1	1	19	1	3	19	0.01	0.01	0.13	0.02	0.01	0.11	5	10	8862
S9610683	325608	7100+00	19500	-	1	5	1	28	24	2	1	20	3	B2	48	165	78	1.4	76	1126	1	1	9	1.94	5	13	2	2	24	1	1	162	3	16	113	0.03	0.01	0.58	0.05	0.01	0.19	5	10	2075
S9610684	325609	7000+50	19500	-	1	5	1	28	24	2	2	20	3	B2	22	22	135	0.6	9	203	1	4	17	1.88	1	11	2	2	8	1	1	62	9	25	315	0.3	0.01	0.85	1.2	0.02	0.24	5	10	9814
S9610685	325610	6900+50	19500	-	1	5	1	BG	45	2	2	20	3	B2	74	16	57	0.7	3	277	1	4	18	1.72	2	9	2	2	11	1	1	49	8	11	238	0.07	0.01	0.39	0.74	0.01	0.2	5	10	2021
S9610686	325611	6800+50	19500	-	1	5	1	2G	23	1	1	15	3	B2	46	17	103	0.9	7	287	2	1	16	1.68	3	12	2	2	43	1	1	102	4	8	228	0.11	0.01	0.39	0.7	0.02	0.13	5	10	3702
S9610687	325612	6700+50	19500	-	1	5	1	2G	23	1	1	15	3	B2	23	40	84	0.7	14	234	1	1	10	1.12	5	7	2	2	17	1	1	72	4	24	83	0.06	0.01	0.35	0.15	0.01	0.25	20	10	3107
S9610688	325613	6700+00	19500	-	1	5	1	2G	25	1	2	30	3	B2	41	36	71	1.1	34	328	1	2	7	2.06	10	14	2	2	31	1	1	96	3	25	150	0.06	0.01	0.47	0.07	0.01	0.12	5	10	3721
S9610689	325614	6700+00	19500	-	1	5	1	2G	25	1	2	30	3	B2	89	29	137	0.7	50	272	1	1	26	2.62	8	19	2	2	75	1	1	278	3	16	135	0.02	0.01	0.67	0.03	0.01	0.19	5	10	3471
S9610690	325615	6600+50	19500	-	1	5	1	2G	23	1	2	20	3	B2	39	29	85	1	15	264	1	1	14	1.62	8	14	2	2	30	1	1	94	3	19	61	0.09	0.01	0.37	0.13	0.01	0.14	5	10	2958
S9610691	325616	6500+50	19500	-	1	5	1	2G	23	1	2	20	3	B2	66	22	80	1.2	23	335	1	3	16	1.64	6	20	2	2	23	1	1	118	4	14	54	0.09	0.01	0.41	0.1	0.01	0.13	5	10	3376
S9610692	325617	6500+00	19500	-	1	5	1	2G	25	1	2	20	2	B2	42	20	137	1.3	18	357	2	3	26	1.7	6	37	2	2	37	1	1	134	5	22	134	0.3	0.01	0.79	0.21	0.01	0.13	5	10	3209
S9610693	325618	6400+50	19500	-	1	5	1	2G	25	1	2	20	2	B2	44	20	128	1.6	17	383	2	3	23	1.6	6	24	2	2	28	1	1	74	3	10	201	0.16	0.01	0.61	0.17	0.01	0.13	-1	-1	1913
S9610694	325619	6400+00	19500	-	1	5	1	2G	25	1	2	20	2	B2	71	46	255	1.1	54	583	5	22	43	3.09	10	31	2	2	48	1	1	84	5	18	3639	0.25	0.01	0.74	0.24	0.02	0.15	5	10	4328
S9610695	325620	6400+00	19500	-	1	5	1	2G	25	1	2	20	2	B2	59	16	93	0.8	11	655	1	6	36	1.84	2	24	2	2	26	1	1	78	4	11	584	0.29	0.02	0.85	0.64	0.02	0.13	5	10	3313
S9610696	325621	6400+00	19500	-	1	5	1	2G	25	1	2	20	2	B2	42	19	84	0.4	13	583	1	10	32	2.18	2	30	2	2	31	1	1	41	2	11	857	0.34	0.02	0.93	0.37	0.01	0.19	5	10	3162
S9610697	325622	6400+00	19700	-	1	5	1	2G	25	1	2	20	2	B2	100	16	140	0.5	21	222	1	11	69	3.2	3	28	2	2	26	1	1	11	1	20	541	0.28	0.01	0.83	0.04					

WOLBOOT

S9611311	328105	7200	18850	*	1	2	*	2G	23	1	2	20	4	B2	18	11	36	1	6	709	1	1	6	0.82	5	7	2	2	7	1	1	68	1	6	32	0.05	0.01	0.22	0.29	0.01	0.12	5	10	3403
S9611312	328106	7200	18800	*	1	2	*	2G	5	2	2	15	4	B2	45	109	83	1.8	62	2487	1	1	17	1.54	9	11	2	6	18	1	1	103	2	12	131	0.1	0.01	0.54	0.24	0.01	0.12	5	10	7957
S9611313	328107	7200	18750	*	1	2	*	2G	54	2	2	20	4	B1	32	36	56	3.5	15	1014	1	4	8	0.47	3	8	2	2	6	1	1	49	2	6	605	0.04	0.01	0.32	0.13	0.01	0.07	5	10	4018
S9611314	328108	7200	18700	*	1	2	*	3G	32	1	2	15	3	B1	51	22	212	1.2	10	628	3	7	36	1.49	8	12	2	5	26	1	1	185	4	11	2021	0.04	0.01	0.44	0.15	0.01	0.14	5	10	5268
S9611315	328109	7200	18650	*	1	2	*	3G	54	3	2	15	3	B1	41	30	339	0.7	20	595	3	9	81	2.08	23	16	2	2	41	1	1	245	3	8	1317	0.09	0.01	0.62	0.43	0.01	0.15	5	10	3156
S9611316	328111	7200	18600	*	1	2	*	3G	54	3	2	15	3	B1	82	13	234	2.5	16	611	5	18	88	2.24	5	9	2	2	19	1	1	156	9	4	1021	0.06	0.01	0.49	0.84	0.01	0.12	5	10	1247
S9611317	328112	7200	18510	*	2	1	1	3G	23	1	2	0	53	1	61	22	284	1.4	23	1064	9	23	83	2.15	8	15	2	2	36	1	1	122	6	13	5262	0.15	0.01	0.84	0.29	0.02	0.13	5	10	5339
S9611318	328113	7200	18500	*	1	2	*	3G	45	3	2	10	3	B1	65	25	208	2.5	18	1058	2	12	62	2.2	9	16	2	2	30	1	1	131	7	13	1625	0.12	0.01	0.72	0.26	0.01	0.13	5	10	4962
S9611319	328114	7200	18450	*	2	1	4	3G	4	3	2	0	23	1	32	26	160	1	33	768	1	4	27	1.74	8	15	2	2	35	1	1	115	3	16	514	0.19	0.01	0.63	0.49	0.01	0.14	5	10	3617
S9611320	328115	7200	18400	*	1	2	*	KG	54	2	2	15	3	B1	27	22	47	1.2	13	445	1	21	10	2.1	37	12	2	2	50	1	1	77	2	10	1803	0.16	0.01	0.64	0.49	0.02	0.11	5	10	2460
S9611321	328116	7200	18350	*	1	2	*	KG	23	1	2	15	3	B1	28	18	98	0.9	16	466	1	4	27	1.61	8	27	2	2	36	1	1	65	2	16	227	0.32	0.01	0.7	0.19	0.01	0.11	5	10	3008
S9611322	328117	7200	18300	*	1	2	*	KG	53	2	2	15	3	B2	44	41	258	0.7	138	720	9	23	20	15.64	94	30	10	19	108	1	1	73	3	8	808	0.13	0.01	0.75	0.25	0.03	0.15	5	10	2474
S9611323	328118	7200	18250	*	1	2	*	KG	54	2	2	15	3	B1	48	8	176	1.7	8	2044	2	45	78	2.06	48	12	2	2	27	1	1	73	5	5	1459	0.1	0.01	0.75	0.25	0.03	0.15	5	10	2778
S9611324	328119	7200	18200	*	1	2	*	K	63	2	2	15	3	B1	62	33	216	0.8	23	1786	2	19	75	2.79	48	28	2	2	48	1	1	113	7	14	1456	0.26	0.01	0.97	0.28	0.01	0.14	5	10	4261
S9611325	328120	7200	18150	*	1	2	*	3G	23	1	2	20	3	Bp	85	26	283	1.5	61	1332	4	13	63	2.36	9	27	2	2	44	1	1	107	11	16	815	0.27	0.01	0.66	0.37	0.01	0.17	5	10	3448
S9611326	328122	7200	18050	*	1	2	*	3G	5	2	2	25	3	Bp	44	15	113	0.8	23	740	1	8	30	1.83	7	24	2	2	40	1	1	71	4	16	438	0.26	0.01	0.67	0.3	0.01	0.14	5	10	4086
S9611327	328123	7200	18000	*	1	2	*	2G	6	2	2	25	3	B1	38	18	118	1	19	567	1	2	33	1.75	4	34	2	2	38	1	1	80	3	13	144	0.35	0.02	0.62	0.41	0.01	0.14	30	10	2833
S9611328	328124	7200	17950	*	1	2	*	R	32	1	1	5	2	Bp	98	52	236	0.2	41	178	26	58	26	23.9	9	36	39	26	129	1	1	14	5	2	101	0.66	0.03	0.36	0.05	0.04	0.07	5	10	2490
S9611329	328125	7200	17900	*	1	2	*	2G	6	2	2	20	3	B1	107	17	784	0.9	22	693	9	44	190	4.92	7	48	2	2	45	1	1	124	13	14	1912	0.54	0.02	1.33	0.62	0.02	0.16	5	10	738
S9611330	328144	7200	17850	*	1	2	*	2G	6	2	2	16	2	B2	131	98	258	0.9	37	1954	1	12	81	3.48	6	27	2	2	31	1	1	70	11	17	407	0.29	0.01	1.04	0.18	0.01	0.14	5	10	2677
S9611331	328126	7200	17800	*	1	2	*	2G	6	2	2	20	2	1	167	63	448	0.6	25	1764	3	31	69	6.76	6	24	2	2	31	1	1	54	36	14	918	0.2	0.02	2.51	0.14	0.02	0.13	5	10	6342
S9611332	328127	7200	17750	*	1	2	*	GB	25	1	3	25	2	B2	110	124	265	1.1	45	1848	1	7	58	4.44	7	15	2	2	25	1	1	69	25	16	261	0.15	0.01	1.17	0.18	0.01	0.15	5	10	4160
S9611333	328128	7200	17720	*	2	1	*	GB	42	1	3	1	2	B1	99	62	802	0.2	25	792	7	102	165	9.72	8	25	2	2	28	1	1	61	20	10	684	0.35	0.02	2.15	0.62	0.02	0.14	5	10	6385
S9611334	328129	7200	17700	*	1	2	*	2B	53	2	2	20	2	B1	60	83	541	0.9	23	1537	5	50	113	7.49	7	22	2	2	28	1	1	64	11	14	2856	0.2	0.02	0.94	0.19	0.02	0.12	5	10	1858
S9611335	328130	7200	17650	*	1	2	*	2B	54	2	2	20	2	Bp	57	106	664	0.8	29	1833	5	29	130	5.56	6	26	2	2	32	1	1	63	8	15	1913	0.31	0.02	0.89	0.27	0.02	0.15	5	10	2825
S9611336	328131	7200	17600	*	1	2	*	2B	45	2	2	20	2	B1	71	55	344	0.2	28	1477	3	20	100	4.54	5	42	2	2	45	1	1	52	7	19	1327	0.52	0.02	1.2	0.46	0.02	0.13	5	10	4844
S9611337	328132	7200	17550	*	1	2	*	2B	5	3	2	25	2	Bp	29	37	342	0.2	13	819	1	9	87	2.23	1	44	2	2	33	1	1	60	3	14	887	0.67	0.02	0.94	0.73	0.02	0.13	5	10	5217
S9611338	328133	7200	17500	*	1	2	*	2G	34	3	2	25	2	B1	45	22	66	0.2	14	278	1	7	19	1.48	3	9	9	2	13	1	1	10	6	10	1114	0.14	0.01	0.7	0.09	0.02	0.05	5	10	3995
S9611339	328136	7200	17400	*	1	2	*	2G	5	3	2	20	2	B2	79	37	108	0.2	29	467	1	9	43	2.65	4	13	9	2	14	1	1	30	13	31	876	0.25	0.01	1.1	0.22	0.01	0.15	5	10	3124
S9611340	328137	7200	17350	*	1	2	*	3G	6	2	2	30	2	B2	113	43	164	0.5	37	335	1	11	50	3.47	4	14	17	2	15	1	1	64	6	12	978	0.24	0.01	0.71	0.12	0.01	0.1	5	10	4338
S9611341	328108	19800	7400	6	1	2	*	3B	41	2	2	20	4	B2	96	42	172	0.2	39	596	1	16	60	3.6	3	21	10	2	20	3	1	45	10	10	1868	0.24	0.01	1	0.3	0.01	0.1	5	10	6135
S9611342	328109	19750	7400	6	1	3	*	2B	24	2	2	25	4	A2	11	2	17	0.2	3	77	1	1	5	0.45	1	4	11	2	6	1	1	5	1	2	64	0.02	0.01	0.24	0.05	0.04	0.04	5	10	8477
S9611343	328110	19700	7400	6	1	2	*	2G	23	1	2	20	4	B1	75	12	89	0.4	9	144	1	9	39	2.56	4	22	6	2	26	1	1	9	3	14	585	0.31	0.01	1.08	0.07	0.02	0.04	5	10	4416
S9611344	328111	19650	7400	6	1	3	*	2B	23	2	1	25	4	B1	134	16	117	0.2	6	936	1	19	59	2.89	5	25	16	2	25	6	1	37	12	21	1657	0.69	0.01	1.54	0.34	0.01	0.07	5	10	1079
S9611345	328112	19600	7400	6	1	3	*	2B	42	2	2	25	4	B1	52	17	72	0.2	6	161	1	8	26	2.36	3	19	10	2	29	1	1	9	3	12	1245	0.2	0.01	0.79	0.09	0.03	0.04	5	10	5810
S9611346	328113	19550	7400	6	1	3	*	3B	41	2	1	20	4	B1	66	13	62	0.5	4	278	1	8	23	2.27	1	19	2	2	26	1	1	7	3	10	1365	0.18	0.01	0.67	0.06	0.02	0.04	5	10	9734
S9611347	328114	19500	7400	6	1	3	*	2B	41	2	1	25	4	B1	68	12	63	0.2	23	292	1	8	26	2.36	4	19	10	2	26	1	1	7	3	10	1084	0.29	0.01	0.92	0.04	0.01	0.03			

S9612038	338150	17800	7400	8	1	5	BG	23	1	2	25	2	B2	65	172	156	0.8	75	1033	1	4	13	3.83	10	8	2	10	17	1	1	36	7	8	248	0.06	0.01	0.36	0.02	0.01	0.06	30	10	15043
S9612039	338151	17750	7400	6	1	5	3G	41	2	2	20	2	B1	44	148	118	1.6	42	1234	1	8	20	2.18	8	9	8	2	15	1	1	36	8	8	306	0.08	0.01	0.41	0.08	0.01	0.04	5	10	10360
S9612040	338152	17700	7400	6	1	5	2G	43	2	2	20	2	Bp	43	118	118	1.3	31	749	1	12	24	2	8	13	22	2	15	1	1	32	9	8	880	0.14	0.01	0.45	0.1	0.01	0.03	5	10	7299
S9612041	338153	17600	7400	6	1	5	3G	45	2	2	25	2	Bp	58	36	280	0.8	15	1215	6	22	120	2.8	9	14	8	9	15	1	1	70	13	8	6362	0.27	0.01	0.66	0.99	0.04	0.03	5	10	3495
S9612042	338155	17550	7400	6	1	5	2G	45	1	2	25	2	Bp	58	21	427	0.9	9	781	3	12	160	2.05	3	29	10	2	14	1	1	67	11	7	716	0.33	0.01	0.82	0.82	0.01	0.04	5	10	3036
S9612043	338156	17500	7400	6	1	5	2G	45	2	2	30	2	Bp	60	9	1019	0.6	1	450	4	38	321	4.31	6	32	2	8	22	1	1	38	11	8	3321	0.37	0.01	0.94	0.4	0.01	0.02	5	10	2409
S9612044	338158	17400	7400	6	1	5	3G	45	2	2	30	2	Bp	55	9	668	0.7	15	342	3	17	198	3.01	4	35	13	2	22	1	1	38	10	10	1387	0.59	0.01	0.78	0.82	0.01	0.02	5	10	2168
S9612045	338159	17350	7400	6	1	5	K	46	2	2	35	1	Bp	58	10	434	0.2	15	154	2	4	105	1.58	2	28	10	2	22	1	1	46	12	17	106	0.58	0.01	0.76	1.34	0.03	0.02	5	10	1846
S9612046	338160	17300	7400	6	1	5	3B	45	2	2	25	1	Ap	19	4	115	0.2	2	125	1	6	34	1.99	1	11	10	2	8	1	1	59	3	6	815	0.17	0.01	0.66	1.4	0.04	0.01	5	10	1417
S9612047	338161	17250	7400	8	1	5	K	45	3	2	40	1	Ap	41	4	131	0.2	9	395	1	8	45	2.18	2	14	10	2	11	1	1	94	7	9	2427	0.46	0.01	0.63	2.49	0.03	0.03	5	10	1588
S9612048	338162	17215	7400	8	2	1	2G	34	2	3	8	72	2	24	4	156	0.2	8	105	1	8	42	1.62	1	25	2	2	13	2	1	85	8	13	438	0.71	0.01	0.46	2.61	0.01	0.03	5	10	1367
S9612049	338163	17200	7400	6	1	5	3G	45	2	2	25	2	Bp	57	8	241	0.2	7	159	1	10	65	1.67	2	29	15	7	19	1	1	85	9	12	120	0.7	0.01	0.62	1.56	0.01	0.03	5	10	1925
S9615602	338164	6600	20000	6	1	2	2B	34	1	2	25	4	B2	31	31	101	0.2	24	131	1	15	24	2.19	1	17	2	2	27	1	1	11	2	6	2836	0.18	0.01	0.77	0.04	0.01	0.04	-1	-1	2822
S9615603	338165	6600	19850	6	1	2	2B	41	1	2	25	4	B2	39	13	97	0.4	14	204	1	8	31	2.3	1	20	2	2	25	1	1	9	2	7	1244	0.22	0.01	0.83	0.04	0.01	0.04	-1	-1	4917
S9615604	338166	6600	19900	6	1	2	2B	41	1	2	20	4	B2	54	14	98	0.5	14	262	1	8	36	1.79	1	13	2	2	17	3	1	14	3	6	561	0.22	0.01	0.81	0.11	0.01	0.03	-1	-1	4685
S9615605	338167	6600	19850	6	1	2	GY	42	1	2	25	4	B2	77	13	97	0.2	23	460	1	10	39	2.52	1	18	2	2	23	3	1	19	3	6	781	0.35	0.01	0.78	0.28	0.01	0.06	-1	-1	6699
S9615606	338168	6600	19800	6	1	2	BG	42	1	1	20	4	B2	142	15	91	0.2	25	556	1	15	46	2.23	1	18	2	2	18	1	1	34	13	9	567	0.22	0.01	0.81	0.11	0.01	0.03	-1	-1	3866
S9615607	338169	6600	19750	6	1	2	2B	21	1	2	35	4	B1	42	20	72	0.8	28	560	4	3	17	1.34	1	8	2	2	15	8	1	71	1	4	557	0.05	0.01	0.33	0.4	0.03	0.07	-1	-1	6920
S9615608	338170	6600	19723	6	2	1	2G	42	3	3	10	62	2	155	82	569	1.6	58	433	11	7	60	2.29	7	13	2	2	23	8	1	75	18	9	795	0.14	0.01	0.72	0.28	0.01	0.07	-1	-1	3316
S9615609	338171	6600	19700	6	1	5	3G	32	1	2	30	2	B2	30	15	83	1.6	42	160	1	3	18	1.41	12	20	2	2	30	1	1	57	5	9	94	0.16	0.01	0.46	0.08	0.01	0.04	-1	-1	2350
S9615610	338172	6600	19650	6	1	5	3G	42	1	2	25	2	B2	57	13	63	1.3	44	184	1	3	16	1.62	7	22	2	2	38	1	1	64	7	9	168	0.13	0.01	0.49	0.11	0.01	0.03	-1	-1	5021
S9615611	338173	6600	19600	6	1	5	3G	42	1	2	30	3	B2	131	27	82	1.4	46	330	1	1	12	1.19	3	12	2	2	38	1	1	98	15	8	34	0.04	0.01	0.54	0.1	0.01	0.03	-1	-1	4056
S9615612	338174	6600	19550	6	1	5	2G	34	1	2	45	3	B1	42	21	82	1	24	292	2	2	16	1.19	3	8	2	2	17	1	1	78	9	8	83	0.05	0.01	0.36	0.18	0.01	0.03	-1	-1	3428
S9615613	338175	6600	19500	6	1	5	3G	32	1	2	25	3	B2	31	23	41	1.3	7	170	1	1	8	0.87	1	6	2	2	9	1	1	60	5	6	16	0.02	0.01	0.29	0.12	0.03	0.02	-1	-1	5091
S9615614	338176	6600	18450	6	1	5	K	23	1	2	25	3	B2	117	20	162	2.4	61	452	1	2	24	2.94	22	26	2	2	72	1	1	331	7	6	79	0.02	0.01	0.48	0.09	0.02	0.2	-1	-1	13014
S9615615	338177	6600	19400	6	1	5	K	2	1	1	20	3	B2	75	10	18	2.9	123	1984	3	1	7	2.66	58	64	2	23	80	24	1	870	19	10	62	0.01	0.01	0.36	0.08	0.01	0.06	-1	-1	5572
S9615616	338178	6600	19350	6	1	5	K	42	1	2	15	4	B2	17	41	5	5.2	37	619	1	1	4	1.7	8	15	2	9	41	1	1	57	1	6	14	0.01	0.01	0.39	0.01	0.01	0.24	-1	-1	5686
S9615617	338179	6600	19300	6	1	5	3G	24	1	2	5	3	B2	17	22	27	2.7	64	616	1	1	5	1.95	26	12	2	2	37	1	1	127	2	9	15	0.01	0.01	0.1	0.01	0.01	0.24	-1	-1	4439
S9615618	338180	6600	19250	6	1	5	3G	32	1	2	20	3	B2	27	24	40	1.6	29	477	1	1	8	1.89	12	15	2	2	55	17	1	129	3	9	38	0.02	0.01	0.35	0.03	0.01	0.11	-1	-1	3933
S9615619	338181	6600	19200	6	1	5	2G	42	2	2	25	4	B2	280	16	218	0.8	31	399	1	3	27	3.96	1	15	2	2	49	1	1	296	13	10	86	0.02	0.01	0.6	0.07	0.01	0.15	-1	-1	3881
S9615620	338182	6600	19150	6	1	5	3G	42	1	2	20	4	B2	129	14	120	1	55	307	1	4	26	2.19	7	14	2	2	44	10	1	166	11	10	132	0.05	0.01	0.42	0.09	0.01	0.09	-1	-1	4098
S9615621	338183	6600	19100	6	1	5	3G	42	2	2	20	3	B2	124	17	103	2	23	404	1	1	20	2.28	10	16	2	2	47	1	1	165	8	7	49	0.03	0.01	0.41	0.05	0.01	0.09	-1	-1	3305
S9615622	338184	6600	19050	6	1	5	K	42	1	2	30	2	B2	48	13	68	1.2	26	310	1	1	15	1.64	4	14	2	2	25	1	1	128	5	5	43	0.05	0.01	0.41	0.04	0.01	0.07	-1	-1	2836
S9615623	338185	6600	19000	6	1	5	2G	45	2	2	30	2	Bp	131	12	64	3.8	9	474	2	3	23	1.34	1	13	2	2	10	1	1	131	13	4	52	0.06	0.01	0.37	0.34	0.01	0.06	-1	-1	3627
S9615624	338186	6600	18950	6	1	5	K	42	2	2	25	3	B2	37	19	78	1.2	24	380	1	6	20	1.51	11	19	2	2	31	1	1	120	5	7	229	0.19	0.01	0.34	0.17	0.01	0.07	-1	-1	4157
S9615625	338187	6600	18900	6	1	5	K	42	2	2	25	2	B2	26	18	75	1	27	355	1	6	17	1.69	11	20	2	2	31	1	1	80	4	10	283	0.16	0.01	0.43	0.15	0.01	0.04	-1	-1	4476
S9615626	338188	6600	18850	6	1	5	K	42	2	2	25	2	B2	63	21	132	1.4	19	618	1	5	28	1.79	7	22	2	2	29	1	1	105	7	10	52	0.15	0.01	0.5	0.21	0.01	0.04	-1	-1	4282
S9615627	338190	6600	18700	6	1	5	2G	45	2	2	35	2	Bp	65	54	63	2.4	13	631																								

WOLBOOT

S9615662	338226	5200	20200	6	1	5	3G	42	1	2	30	2	B2	28	22	141	0.7	43	342	1	5	18	1.67	14	21	8	2	23	1	1	61	5	13	282	0.18	0.01	0.52	0.32	0.01	0.03	-1	-1	5767
S9615663	338228	5200	20150	6	1	5	3G	42	2	2	25	2	B2	26	13	99	0.2	33	336	1	8	25	1.3	9	35	8	14	21	5	1	38	4	10	700	0.31	0.01	0.52	0.22	0.01	0.04	-1	-1	5904
S9615664	338227	5200	20100	6	1	5	2G	45	1	2	25	2	Bp	36	13	135	0.2	34	219	1	4	17	1.43	6	13	10	2	14	1	1	52	4	10	265	0.09	0.01	0.35	0.25	0.01	0.04	-1	-1	5364
S9615665	338228	5200	20050	6	1	5	3G	26	1	2	25	2	B2	61	30	186	0.2	60	303	1	8	32	1.85	8	20	2	24	1	1	62	5	18	484	0.13	0.01	0.4	0.16	0.01	0.03	-1	-1	7752	
S9615666	338229	5200	20000	6	1	5	2G	24	1	2	20	2	B2	18	28	79	0.2	19	136	1	1	6	0.66	14	4	2	10	14	1	1	46	12	13	27	0.01	0.01	0.11	0.1	0.01	0.02	-1	-1	3861
S9615667	338230	5000	20000	6	1	5	K	32	1	1	20	2	B2	16	37	71	0.2	22	226	1	6	14	1.04	4	29	11	9	22	5	2	67	2	11	262	0.01	0.01	0.28	0.07	0.01	0.06	-1	-1	4419
S9615668	338231	5000	20050	6	1	5	3G	32	1	2	25	2	B2	19	13	40	0.2	8	138	1	1	5	0.45	4	8	13	7	13	2	1	45	2	9	56	0.02	0.01	0.24	0.05	0.01	0.04	-1	-1	3542
S9615669	338232	5000	20100	6	1	5	3G	64	1	2	25	2	B2	40	45	96	1.3	87	293	1	4	23	1.54	10	24	8	2	33	1	2	44	4	8	278	0.19	0.01	0.51	0.17	0.01	0.04	-1	-1	4469
S9615670	338233	5000	20150	6	1	5	2G	62	1	2	25	2	B2	77	22	206	1	62	617	1	6	40	1.99	5	27	18	2	15	7	1	49	7	8	532	0.21	0.01	0.42	0.24	0.01	0.05	-1	-1	7435
S9615671	338234	5000	20200	6	1	5	2G	42	2	2	25	2	B2	64	13	203	0.4	45	632	1	7	40	1.26	5	18	9	2	11	6	4	63	5	3	865	0.16	0.01	0.37	0.43	0.01	0.03	-1	-1	4927
S9615672	338235	5000	20250	6	1	5	2G	62	1	2	30	2	B2	64	7	154	0.2	31	439	1	7	41	1.7	1	18	2	2	14	3	4	18	7	11	450	0.17	0.01	0.42	0.13	0.01	0.04	-1	-1	8269
S9615673	338236	5000	20300	6	1	5	2G	52	1	2	25	2	B2	59	8	118	0.2	29	413	1	11	108	2.83	1	88	10	2	30	4	1	29	11	15	451	0.19	0.01	0.12	0.36	0.01	0.08	-1	-1	3556
S9615674	338237	5000	20350	6	1	5	GB	42	2	2	25	2	B2	83	11	225	0.4	4	577	1	9	85	2.34	6	61	2	2	23	6	1	98	11	9	543	0.68	0.01	0.94	0.97	0.01	0.07	-1	-1	3485
S9615675	338238	5000	20400	6	2	1	3G	34	2	2	20	82	1	87	2	110	0.5	20	286	1	9	214	1.57	4	141	6	5	21	6	1	46	17	11	295	1.62	0.01	0.82	1.21	0.01	0.05	-1	-1	1733
S9615676	338239	5000	20450	6	1	5	3G	52	2	3	25	2	B2	75	17	123	0.2	1	509	1	17	163	2.44	8	147	2	17	29	9	5	42	12	11	788	1.38	0.01	1.14	0.81	0.01	0.06	-1	-1	3260
S9615677	338240	5000	20500	6	1	5	3G	32	1	2	30	2	B2	18	6	79	0.2	4	179	1	9	56	1.38	1	75	2	7	19	1	1	25	4	5	322	0.76	0.01	0.81	0.65	0.01	0.03	-1	-1	2311
S9615678	338241	5000	20550	6	1	5	2G	46	1	2	35	2	B2	113	2	73	0.2	9	192	1	7	69	1.63	11	41	10	2	20	1	3	36	22	25	348	0.55	0.01	0.96	0.63	0.01	0.05	-1	-1	1754
S9615679	338242	5000	20600	6	1	5	2G	52	2	2	30	2	B2	37	2	60	0.2	22	258	1	11	74	2.23	5	71	9	2	28	7	1	32	8	9	468	0.61	0.01	1.12	0.66	0.01	0.05	-1	-1	1838
S9615680	338243	5000	20650	6	1	5	2G	34	1	1	25	3	B2	33	2	56	0.2	13	250	1	11	68	2.12	6	72	9	2	23	1	1	9	5	8	398	0.83	0.01	1.12	0.11	0.02	0.05	-1	-1	1681
S9615681	338244	5000	20700	6	1	5	2G	43	1	1	25	3	B2	9	2	47	0.2	1	164	1	7	29	1.63	2	38	2	2	23	3	1	9	1	6	221	0.5	0.01	0.95	1.3	0.01	0.05	-1	-1	1334
S9615682	338245	5000	20750	6	1	2	BR	41	1	1	20	3	B2	30	2	49	0.2	9	440	1	7	10	1.5	1	8	2	2	16	3	1	5	3	9	873	0.04	0.01	0.85	0.06	0.01	0.07	-1	-1	1824
S9615683	338246	5000	20800	6	1	5	2G	34	1	2	25	3	B2	9	2	70	0.2	1	108	1	8	33	1.62	1	73	2	23	29	6	1	10	2	5	477	0.72	0.01	0.95	0.41	0.01	0.05	-1	-1	1212
S9615684	338247	4800	20800	6	1	5	2G	52	1	2	25	2	B2	108	2	72	0.6	28	147	1	20	87	3.15	1	163	7	15	74	1	2	18	8	9	553	1.92	0.01	1.77	0.6	0.01	0.05	-1	-1	2953
S9615685	338248	4800	20750	6	1	5	2B	42	1	2	25	2	B2	3	4	27	0.2	1	66	1	3	8	0.94	3	18	8	2	26	1	4	4	1	7	156	0.22	0.03	0.48	0.12	0.01	0.05	-1	-1	1720
S9615686	338249	4800	20700	6	1	5	3B	45	2	2	35	2	B2	46	2	31	0.2	4	250	1	6	25	0.97	2	19	14	2	9	1	1	55	5	4	448	0.3	0.01	0.67	0.37	0.01	0.05	-1	-1	2859
S9615687	338250	4800	20650	6	1	5	2G	42	1	2	25	2	B2	46	2	63	0.2	15	222	1	11	63	2.2	7	50	10	2	25	1	1	10	6	11	440	0.87	0.01	1.18	0.25	0.01	0.06	-1	-1	2332
S9615688	338251	4800	20600	6	1	5	2G	42	2	2	30	2	B2	24	2	54	0.2	16	238	1	6	36	1.38	1	37	10	2	15	1	1	32	7	7	387	0.45	0.01	0.79	0.61	0.01	0.05	-1	-1	1651
S9615689	338252	4800	20550	6	1	5	BY	42	1	2	25	2	B2	7	2	23	0.2	7	143	1	2	10	0.92	1	20	2	2	18	2	1	4	1	7	198	0.19	0.01	0.56	0.05	0.02	0.05	-1	-1	1935
S9615690	338253	4800	20500	6	1	5	2G	42	1	2	20	1	B2	11	7	63	0.2	1	191	1	4	15	2.58	8	14	2	2	20	2	1	17	4	10	469	0.23	0.02	0.91	0.22	0.01	0.16	-1	-1	1554
S9615691	338254	4800	20450	6	1	5	3Y	42	2	1	25	2	B2	7	4	43	0.2	11	213	1	4	11	1.25	1	17	2	2	21	1	2	17	2	7	201	0.28	0.03	0.59	0.23	0.01	0.12	-1	-1	2134
S9615692	338255	4800	20400	6	1	5	BG	45	1	1	45	2	B1	15	7	47	0.2	11	610	1	6	12	1.8	1	19	11	2	21	6	5	59	5	8	749	0.34	0.03	0.81	0.75	0.01	0.18	-1	-1	3844
S9615693	338256	4850	20400	6	1	5	3B	43	2	2	40	2	B2	15	60	144	0.2	39	432	1	8	20	2.82	7	33	6	2	32	2	1	18	2	11	159	0.19	0.01	0.78	0.07	0.01	0.08	-1	-1	3633
S9615694	338257	4900	20400	6	1	5	2G	32	1	2	25	2	B2	43	23	203	0.7	18	407	1	10	88	2.15	3	97	10	5	27	3	1	20	9	13	359	1.34	0.01	0.96	0.31	0.01	0.04	-1	-1	3052
S9615695	338258	4970	20400	6	1	5	3G	52	1	2	20	2	B2	132	30	377	0.8	17	677	2	19	213	3.02	6	145	6	2	31	3	1	26	14	15	799	1.45	0.01	1.11	0.29	0.01	0.05	-1	-1	4881
S9615696	338259	5050	20400	6	1	5	2G	52	1	2	20	2	B2	44	8	94	0.5	28	304	1	15	173	2.38	7	139	2	2	30	9	1	13	11	15	442	1.71	0.01	1.15	0.25	0.01	0.05	-1	-1	1912
S9615697	338260	5100	20400	6	1	5	2G	42	1	2	20	2	B2	145	38	245	0.6	48	446	1	17	145	2.24	1	167	13	2	23	12	1	21	7	13	513	1.76	0.01	0.85	0.23	0.01	0.03	-1	-1	5195
S9615698	338261	5150	20400	6	1	5	2G	62	1	2	20	2	B1	102	2	94	0.2	6	229	1	10	48	2.22	4	81	2	7	36	2	1	39	34	31	709	0.77	0.01	1.64	1.55	0.03	0.04	-1	-1	1260
S9615699	338262	14900	18550	6	2	1	3B	42	2	3	15	62	B1	54	2	35	0.2	12	245	1	4	20																					

WOLBOOT

S9615734	338287	15100	17450	6	1	5	GN 42	1	2	25	2	B2 58	2	56	0.2	11	83	1	17	32	2.68	1	39	7	2	63	2	1	9	2	2	394	1.28	0.06	1.53	0.36	0.01	0.2	-1	-1	853
S9615735	338298	15100	17500	6	1	5	BG 45	2	2	25	2	B1 122	2	61	0.2	1	109	1	15	41	2.27	1	41	2	2	49	2	1	26	11	13	701	1.03	0.03	1.62	1.46	0.03	0.1	-1	-1	981
S9615736	338299	15100	17550	6	1	5	2G 34	2	2	30	2	B2 62	2	54	0.2	13	116	1	13	34	2.09	1	46	6	2	41	1	1	24	4	5	442	0.84	0.03	1.35	0.82	0.01	0.07	-1	-1	1440
S9615737	338300	15100	17600	6	1	5	2G 34	1	2	30	2	B2 82	2	52	0.2	1	101	1	17	43	2.59	3	53	10	2	51	5	1	18	8	9	371	1.15	0.04	1.58	0.54	0.02	0.07	-1	-1	1346
S9615738	338301	15100	17650	6	1	5	2G 42	2	2	25	3	B2 80	2	56	0.2	6	70	1	21	62	2.59	7	102	2	2	67	3	1	18	4	4	397	1.78	0.06	1.80	0.81	0.02	0.2	-1	-1	812
S9615739	338302	15100	17700	6	1	5	2G 35	1	2	35	2	B2 65	2	43	0.2	1	52	1	16	42	2.15	1	58	14	2	62	1	1	18	3	3	352	1.24	0.05	1.42	0.58	0.02	0.15	-1	-1	602
S9615740	338303	15100	17750	6	1	5	GN 62	2	2	30	4	B2 60	2	56	0.2	11	84	1	20	53	2.67	5	88	11	5	62	1	1	16	2	2	422	1.68	0.07	1.85	0.85	0.01	0.43	-1	-1	729
S9615741	338304	15100	17800	6	1	5	GN 42	1	2	25	4	B2 60	2	49	0.2	10	97	1	19	48	2.69	2	71	9	2	67	1	1	10	1	1	455	1.61	0.08	1.77	0.87	0.01	0.41	-1	-1	738
S9615742	338305	15100	17850	6	1	5	GY 31	1	1	35	4	B2 70	2	41	0.2	1	73	1	17	22	2.75	1	20	11	2	59	1	1	10	1	1	399	0.79	0.1	1.28	0.23	0.02	0.13	-1	-1	686
S9615743	338306	15100	17900	6	1	2	2G 31	1	2	35	4	B2 76	2	33	0.2	3	71	1	12	16	2.2	7	17	17	2	48	3	1	9	2	1	327	0.61	0.1	1.17	0.3	0.02	0.13	-1	-1	741
S9615744	338307	15100	17950	6	1	5	GN 32	1	1	30	4	B2 44	2	26	0.2	1	94	1	18	21	2.84	1	23	8	23	61	1	1	19	3	2	370	1.09	0.07	1.57	0.39	0.01	0.19	-1	-1	697
S9615745	338308	15100	18000	6	1	5	BY 42	1	2	35	4	B2 113	2	43	0.2	1	94	1	18	21	2.84	1	23	8	23	61	1	1	19	3	2	327	0.61	0.1	1.17	0.3	0.02	0.13	-1	-1	741
S9615746	338309	15100	18050	6	1	5	2B 41	1	1	35	4	B2 45	2	29	0.5	11	92	1	9	14	1.78	1	20	14	2	49	3	1	9	3	2	301	0.37	0.12	0.8	0.32	0.03	0.08	-1	-1	1085
S9615747	338310	15100	18100	6	1	5	2B 41	1	2	30	4	B2 35	2	25	0.2	19	69	1	8	12	1.97	1	14	10	16	44	5	1	18	1	1	215	0.29	0.13	0.75	0.11	0.02	0.03	-1	-1	807
S9615748	338311	15100	18150	6	1	5	2G 41	2	2	40	4	B2 52	2	41	0.2	13	92	1	12	17	1.92	7	22	12	2	40	1	1	35	3	4	409	0.47	0.05	1.08	0.28	0.03	0.04	-1	-1	1103
S9615749	338312	15100	18200	6	1	5	3G 42	2	2	30	4	B2 66	6	67	0.2	11	146	1	13	42	2.14	9	35	2	2	29	4	1	37	8	11	358	0.62	0.01	1.3	0.49	0.03	0.07	-1	-1	1683
S9615750	338313	15100	18250	6	1	5	3G 52	1	2	35	4	B2 47	2	38	0.2	1	160	1	9	23	1.53	5	40	2	9	25	61	1	16	5	6	352	0.54	0.01	1.14	0.35	0.03	0.03	-1	-1	1301
S9615751	338314	15100	18300	6	1	2	2G 25	1	2	30	4	B2 47	6	42	0.2	17	124	1	11	23	1.77	3	35	6	10	33	6	1	15	4	5	339	0.57	0.05	0.99	0.3	0.02	0.04	-1	-1	1785
S9615752	338315	15100	18350	6	1	2	2G 41	2	2	30	4	B2 68	2	52	0.2	1	189	1	12	29	1.89	4	36	6	2	31	6	1	17	9	15	396	0.54	0.03	1.24	0.44	0.02	0.04	-1	-1	1775
S9615753	338316	15100	18400	6	2	1	2G 23	1	3	10	23	B2 34	2	40	0.2	1	71	1	8	21	2.77	1	24	13	2	44	1	1	11	2	2	235	0.41	0.09	1.7	0.07	0.01	0.02	-1	-1	974
S9615754	338317	15100	18450	6	1	2	2B 41	1	2	25	3	B2 63	2	31	0.2	1	85	1	15	28	2.03	9	27	11	9	36	1	1	29	2	1	315	0.61	0.08	1.27	0.15	0.01	0.03	-1	-1	750
S9615755	338318	15100	18500	6	1	2	2B 42	1	2	25	3	B2 15	6	81	0.4	8	408	1	6	17	2.62	1	23	20	2	30	1	1	19	3	11	428	0.44	0.02	1.12	0.19	0.01	0.19	-1	-1	1393
S9615756	338319	15100	18550	6	1	5	3B 42	2	3	30	2	B1 149	2	117	1.5	1	581	3	4	94	1.21	2	40	14	2	12	5	1	233	20	7	478	0.23	0.01	0.78	0.05	0.03	0.08	-1	-1	2682
S9615861	325641	4800	20400	1	1	5	2B 34	1	1	15	3	B2 16	23	104	0.4	20	183	1	3	24	1.66	1	29	17	2	37	1	1	21	1	10	471	0.39	0.01	0.72	0.41	0.03	0.08	-1	-1	2121
S9615862	325642	4800	20350	1	1	5	2B 34	1	1	15	3	B2 33	31	100	0.2	1	290	3	4	24	1.63	2	29	14	2	24	5	1	23	2	7	109	0.08	0.01	0.54	0.09	0.01	0.07	-1	-1	2050
S9615863	325643	4800	20300	1	1	5	3B 45	2	2	30	2	B2 29	44	80	0.2	20	585	1	3	16	1.11	5	17	18	2	19	1	1	22	4	17	120	0.06	0.01	0.67	0.04	0.02	0.06	-1	-1	1845
S9615864	325644	4800	20250	1	1	5	2B 23	1	2	20	2	B2 50	96	200	0.7	65	440	1	8	39	2.47	9	30	17	2	31	1	1	54	5	14	523	0.25	0.01	0.61	0.14	0.01	0.1	-1	-1	5120
S9615865	325645	4800	20200	1	1	5	2G 25	1	2	20	2	B2 33	34	109	1	44	452	1	3	19	1.25	1	20	14	2	21	1	1	52	6	13	168	0.18	0.01	0.35	0.18	0.01	0.04	-1	-1	6139
S9615866	325646	4800	20150	1	1	5	2G 25	1	2	20	2	B2 65	24	132	0.7	23	325	1	8	47	2	3	38	5	19	28	7	1	37	10	12	398	0.54	0.01	0.73	0.22	0.01	0.07	-1	-1	4815
S9615867	325647	4800	20100	1	1	5	3G 25	1	2	15	2	B2 16	9	37	0.6	1	190	1	4	19	1.62	1	27	9	2	20	1	1	5	1	5	238	0.22	0.01	0.71	0.05	0.01	0.04	-1	-1	3512
S9615868	325648	4800	20050	1	1	5	3G 25	1	2	15	2	B2 97	12	97	0.6	2	367	1	12	86	3.36	1	79	17	2	34	1	1	36	14	18	809	1.42	0.04	1.23	0.6	0.01	0.27	-1	-1	1675
S9615869	325628	4800	20000	1	1	5	3G 25	1	2	15	2	B2 12	11	58	0.2	20	290	1	8	35	2.56	1	52	24	2	40	2	1	105	4	4	356	0.61	0.04	1.22	0.16	0.01	0.08	-1	-1	1793
S9615890	325650	4750	20400	1	1	5	2G 25	1	2	15	2	B1 27	2	46	1	1	367	1	4	25	1.01	1	30	11	2	11	2	1	3	11	3	1143	0.32	0.01	0.73	0.65	0.02	0.03	-1	-1	2242
S9615891	325651	4700	20400	1	1	5	2B 34	1	1	15	2	B2 82	16	106	0.2	48	305	1	14	60	2.96	8	44	8	2	19	1	1	21	7	36	613	0.58	0.01	1.31	0.21	0.01	0.18	-1	-1	8928
S9615892	325652	4650	20400	1	1	5	2B 24	1	2	15	2	B2 32	13	82	0.4	1	519	1	13	36	4.1	8	43	6	2	29	6	1	30	10	36	899	0.91	0.04	1.8	0.37	0.01	0.22	-1	-1	2581
S9615893	325653	4600	20450	1	1	5	3B 24	2	2	25	2	B2 50	9	77	0.6	15	678	1	17	65	4.27	5	81	23	2	48	4	1	31	16	35	1207	1.35	0.03	1.69	0.45	0.01	0.17	-1	-1	2741
S9615894	325654	4600	20500	1	1	5	2G 25	1	2	15	2	B2 25	13	75	0.9	1	257	1	9	46	3.25	5	64	15	2	43	1	1	5	5	14	382	0.87	0.02	1.76	0.09	0.01	0.04	-1	-1	2477
S9615895	325655	4600	20550	1	1	5	2B 24	1	2	15	2	B2 22	11	60	1.8	23	149	1	8	34	2.88	1	48	17	2	30	6	1	3	12	405	0.59	0.01	1.57	0.05	0.01	0.04	-1	-1	2083	
S9615896	325656	4600	20600	1	1	5	2B 45	1	2	15	2	B2 8	8	36	0.2	19	107	1	4	17	1.74																				

S9615930	325698	15500	18050	1	1	2	1	2	15	3	B2	75	2	40	1.4	1	72	1	16	23	2.58	1	23	10	2	45	4	1	5	3	3	381	0.91	0.04	1.38	0.28	0.01	0.04	-1	-1	679
S9615931	325697	15500	18000	1	1	2	1	2	10	3	B2	70	4	48	0.4	3	70	1	18	27	2.79	1	27	10	2	60	23	1	8	3	2	800	1.2	0.05	1.6	0.33	0.01	0.07	-1	-1	681
S9615932	325696	15500	17950	1	1	2	1	2	15	3	B2	25	2	42	0.4	14	62	1	8	17	2.42	1	23	18	2	67	16	1	4	2	2	287	0.61	0.21	1.07	0.21	0.02	0.04	-1	-1	683
S9615933	325695	15500	17900	1	1	2	1	2	10	3	B2	35	4	42	0.4	14	59	1	11	21	1.92	2	24	13	6	38	3	1	7	3	4	294	0.82	0.07	1.18	0.4	0.01	0.04	-1	-1	685
S9615934	325700	15500	17850	1	1	2	1	2	15	3	B2	87	6	83	0.6	22	106	1	15	45	2.58	1	85	18	2	44	14	1	14	6	8	574	1.08	0.04	1.5	0.38	0.01	0.06	-1	-1	1254
S9615935	325701	15500	17800	1	1	2	1	2	20	3	B2	157	2	100	1.4	6	249	1	45	60	6.02	1	21	10	2	158	37	1	9	3	6	959	2.2	0.31	2.68	0.67	0.01	0.88	-1	-1	700
S9615936	325702	15500	17750	1	1	2	1	2	15	3	B2	87	2	67	0.2	20	85	1	18	33	3.11	1	37	10	2	67	1	1	9	6	8	824	1.05	0.13	1.61	0.3	0.01	0.09	-1	-1	1666
S9615937	325703	15500	17700	1	1	2	1	2	10	3	B2	132	6	99	0.9	2	165	1	29	36	4.86	6	23	2	10	117	31	1	10	2	2	713	2.34	0.2	2.57	0.67	0.02	0.74	-1	-1	864
S9615938	325704	15500	17650	1	1	2	1	2	20	3	B2	103	2	91	0.8	3	199	1	20	34	3.22	6	30	10	2	71	11	1	12	13	13	501	1.28	0.08	1.95	0.87	0.01	0.08	-1	-1	907
S9615939	325705	15500	17600	1	1	2	1	2	20	3	B2	82	2	60	0.5	1	72	1	20	49	2.67	1	74	13	2	66	16	1	11	2	2	416	1.54	0.08	1.67	0.48	0.01	0.18	-1	-1	762
S9615940	325706	15500	17550	1	1	2	1	2	20	3	B2	45	2	45	0.2	3	92	1	17	31	2.7	1	61	9	2	64	11	1	17	2	2	400	0.98	0.08	1.41	0.28	0.01	0.13	-1	-1	963
S9615941	325707	15500	17500	1	1	2	1	2	15	3	B2	70	12	38	0.5	5	269	1	10	37	2.42	4	45	5	2	40	14	1	22	14	32	721	0.59	0.07	1.34	0.22	0.01	0.06	-1	-1	2466
S9615942	325708	15500	17450	1	1	2	1	2	20	3	B2	83	28	74	0.9	18	189	1	22	62	3.92	1	55	14	2	46	14	1	33	5	11	892	0.87	0.06	1.7	0.14	0.01	0.14	-1	-1	3783

WOLBOOT

S9616120	300795	6000	19850	1	1	4	2Y	14	1	1	20	2	1	28	7	110	1	7	408	1	3	18	2.34	4	15	2	2	30	1	3	4	1	3	117	0.12	0.01	1.1	0.01	0.01	0.02	-1	-1	4320	
S9616121	300796	6000	19900	1	1	4	2Y	23	1	2	15	1	1	27	8	100	0.4	36	172	1	3	19	3.08	4	20	2	2	49	4	4	0	2	8	215	0.15	0.02	0.88	0.03	0.01	0.02	-1	-1	3492	
S9616122	300797	6000	19960	1	1	4	3Y	24	1	2	20	2	1	18	8	90	0.2	1	197	1	4	17	2.28	1	20	2	2	40	1	1	8	2	9	292	0.19	0.01	0.88	0.03	0.01	0.03	-1	-1	2798	
S9616123	300798	6000	20000	1	1	4	3Y	14	1	2	30	2	1	60	12	85	0.2	1	118	1	5	26	2.95	5	21	2	2	25	1	2	5	1	12	208	0.35	0.01	0.9	0.03	0.03	0.03	-1	-1	11023	
S9616124	326138	MW-20	19800	1	1	3	2B	32	1	2	10	3	B2	28	7	58	0.2	1	85	1	6	21	2.12	8	21	6	5	31	4	1	6	3	9	397	0.24	0.01	0.8	0.07	0.02	0.03	-1	-1	1935	
S9616125	326139	MW-20	19650	1	1	3	2B	32	1	2	10	3	B1	37	4	49	0.2	14	192	1	3	22	1.65	3	13	2	5	23	1	4	2	7	157	0.12	0.01	0.58	0.04	0.02	0.02	-1	-1	2916		
S9616126	326140	MW-20	19500	1	1	3	2B	32	1	2	10	2	B1	61	8	49	0.2	11	178	1	8	25	2.03	1	20	2	2	26	3	1	4	7	16	386	0.21	0.01	1.22	0.04	0.02	0.03	-1	-1	2222	
S9616127	326141	MW-20	19450	1	1	3	2B	32	1	2	10	2	B1	31	6	61	0.2	24	62	1	5	22	2.32	1	18	2	2	25	1	1	3	3	10	340	0.22	0.01	0.84	0.02	0.01	0.02	-1	-1	2713	
S9616128	326142	MW-20	19400	1	1	3	BQ	32	1	2	10	2	B1	66	8	69	0.2	21	151	1	7	32	1.92	4	17	2	2	17	1	1	16	8	9	406	0.28	0.01	0.6	0.18	0.01	0.03	-1	-1	5446	
S9616129	326143	MW-20	19350	1	1	3	2B	32	1	2	10	2	B1	43	13	63	0.2	18	318	1	7	24	1.58	1	15	2	2	18	1	1	5	8	11	764	0.24	0.01	0.74	0.03	0.01	0.03	-1	-1	5428	
S9616130	326145	MW-20	19300	1	1	3	2B	23	1	2	20	2	B2	34	9	70	0.7	30	191	1	3	18	1.42	1	8	6	2	20	2	1	5	1	5	650	0.02	0.01	0.32	0.06	0.03	0.02	-1	-1	6393	
S9616131	326146	MW-20	19250	1	1	3	2B	23	1	2	20	2	B2	34	20	72	0.2	38	115	1	4	21	2.38	6	18	2	2	25	1	1	4	2	9	737	0.15	0.01	0.84	0.02	0.01	0.02	-1	-1	4894	
S9616132	326147	MW-20	19200	1	1	3	2B	32	1	2	15	2	B2	36	6	55	0.2	37	248	1	5	25	1.73	2	17	2	2	19	1	1	6	2	7	659	0.2	0.01	0.73	0.02	0.01	0.02	-1	-1	4124	
S9616133	326148	MW-20	19150	1	1	3	2B	32	1	2	15	4	B2	36	6	55	0.2	37	248	1	5	25	1.73	2	17	2	2	19	1	1	7	4	9	1004	0.2	0.01	0.84	0.05	0.01	0.03	-1	-1	4469	
S9616134	326149	MW-20	19100	1	1	3	2B	23	1	2	5	4	C	73	14	80	0.2	92	159	1	7	24	2.68	1	23	2	2	31	1	1	13	3	7	889	0.27	0.01	0.82	0.03	0.02	0.05	-1	-1	7086	
S9616135	326150	MW-20	19050	1	1	3	2B	23	1	2	20	4	B2	91	12	104	0.2	84	343	1	11	32	2.66	1	19	2	2	24	2	1	16	4	4	1481	0.25	0.01	0.82	0.12	0.03	0.03	-1	-1	7311	
S9616136	326151	MW-20	19000	1	1	3	2B	23	1	2	5	4	C	120	27	160	0.2	181	604	1	16	69	3.35	2	15	8	2	17	2	2	31	11	5	2150	0.16	0.01	0.56	0.13	0.01	0.08	-1	-1	13195	
S9616137	326152	MW-20	18950	1	1	3	2B	32	1	2	5	4	C	120	268	227	1.3	333	1153	2	11	32	5.33	5	11	12	2	14	3	7	33	5	3	1850	0.09	0.01	0.52	0.03	0.02	0.08	-1	-1	20639	
S9616138	326153	MW-20	18900	1	1	2	2B	32	1	2	10	4	B2	85	63	208	0.6	220	858	2	7	26	3.95	6	11	2	2	18	1	1	36	4	5	1220	0.09	0.01	0.4	0.09	0.03	0.14	-1	-1	11486	
S9616139	326154	MW-20	18850	1	1	2	2B	32	1	2	10	4	B1	64	138	212	0.2	87	818	1	11	28	2.78	1	10	2	2	12	2	1	46	4	7	5	1141	0.11	0.01	0.4	0.51	0.02	0.1	-1	-1	6817
S9616140	326155	MW-20	18800	1	1	3	2B	32	1	2	10	4	B1	43	36	141	0.2	39	573	1	3	19	2.21	1	9	2	7	9	1	1	28	2	3	423	0.07	0.01	0.32	0.1	0.02	0.08	-1	-1	6811	
S9616141	326156	MW-20	18750	1	1	2	2B	23	1	2	15	4	B2	72	87	188	0.4	147	739	1	5	23	2.87	8	9	2	2	16	1	1	45	6	9	715	0.09	0.01	0.46	0.03	0.01	0.06	-1	-1	10952	
S9616142	326157	MW-20	18700	1	1	2	2B	32	2	2	10	4	B1	90	53	291	0.2	41	380	1	12	37	2.91	6	11	5	2	16	1	1	38	3	6	1560	0.13	0.01	0.46	0.04	0.01	0.06	-1	-1	8530	
S9616143	326158	MW-20	18650	1	1	2	2B	32	1	2	15	4	B1	108	133	279	0.2	66	464	2	7	37	3.14	2	14	2	2	24	1	1	23	3	4	797	0.15	0.01	0.66	0.04	0.03	0.06	-1	-1	6996	
S9616144	326159	MW-20	18600	1	1	2	2G	5	1	2	20	4	B1	45	31	155	1	34	1591	1	2	25	1.18	6	8	2	2	9	1	1	45	6	4	103	0.1	0.01	0.47	0.23	0.03	0.04	-1	-1	10592	
S9616145	326160	MW-20	18550	1	1	2	2B	23	1	2	15	4	B1	25	18	92	0.2	1	108	1	1	11	1.52	5	7	2	2	22	1	1	6	1	5	130	0.03	0.01	0.42	0.04	0.03	0.03	-1	-1	3858	
S9616146	326161	MW-20	18500	1	1	2	2G	32	1	2	25	4	B2	23	10	75	0.2	1	132	1	1	14	0.9	4	2	2	2	2	1	1	66	7	5	74	0.06	0.01	0.31	0.46	0.01	0.02	-1	-1	2609	
S9616147	326162	MW-20	18450	1	1	2	2G	23	1	2	15	4	B1	69	17	250	0.6	64	614	2	4	22	3.68	11	16	2	2	41	1	1	2728	23	13	294	0.01	0.01	0.73	0.18	0.01	0.02	-1	-1	5558	
S9616148	326163	MW-20	18400	1	1	2	2G	32	1	2	10	4	B1	49	57	121	1.8	47	900	1	3	16	3.64	15	18	9	2	53	1	1	138	5	10	67	0.04	0.01	0.89	0.01	0.01	0.18	-1	-1	4240	
S9616149	326164	MW-20	18350	1	1	2	2G	23	1	2	10	4	B1	41	14	69	0.4	8	238	1	1	11	2.3	9	8	7	2	14	1	1	89	1	4	48	0.01	0.01	0.19	0.03	0.01	0.11	-1	-1	4133	
S9616150	326165	MW-20	18300	1	1	2	2G	23	1	2	10	4	B1	59	21	136	0.4	26	251	1	9	32	2.34	5	9	6	6	14	1	1	72	3	4	270	0.02	0.01	0.24	0.11	0.01	0.08	-1	-1	4160	
S9616151	326166	MW-20	18250	1	1	2	2G	23	1	2	20	4	B1	8	23	1.3	3	277	1	1	4	0.89	10	8	2	2	25	4	1	58	1	5	18	0.01	0.01	0.36	0.02	0.01	0.05	-1	-1	4189		
S9616152	326167	MW-20	18200	1	1	2	3G	23	1	2	20	4	B2	4	18	14	0.8	7	223	1	1	2	0.83	9	8	2	2	20	1	1	102	3	15	13	0.02	0.01	0.35	0.02	0.01	0.04	-1	-1	3417	
S9616153	326168	MW-20	18150	1	1	2	3G	32	1	2	20	4	B1	36	122	108	2	70	543	1	1	10	2.55	10	8	2	2	19	1	1	59	6	8	102	0.04	0.01	0.29	0.03	0.03	0.12	-1	-1	5371	
S9616154	326169	MW-20	18100	1	1	2	2G	31	1	2	15	3	B1	23	54	61	1.2	20	506	1	1	7	1.6	14	11	2	2	29	1	1	43	4	12	37	0.05	0.01	0.61	0.02	0.01	0.04	-1	-1	4059	
S9616155	326170	MW-20	18050	1	1	2	2G	32	1	2	15	3	B1	16	30	70	0.4	18	273	1	1	11	2.33	18	17	2	2	46	1	1	66	4	11	43	0.04	0.01	0.49	0.04	0.01	0.05	-1	-1	3336	
S9616156	326171	MW-20	18000	1	1	2	3G	23	1	2	15	3	B1	54	34	101	3.1	40	471	1	1	15	2.47	15	21	2	2	58	1	1	96	7	14	66	0.09	0.01	0.9	0.08	0.01	0.05	-1	-1	3668	
S9616157	326172	MW-20	17950	1	1	2	3G	32	1	2	15	3	B1	50	18	100	2.3	15	224	1	2	23	1.72	12	10	2	2	38																

Page 13

S9616192	326210	14500	17450	1	2	28	32	1	2	15	2	B2	12	2	51	0.2	4	85	1	3	8	1.27	1	8	2	2	38	2	1	2	1	2	128	0.19	0.12	0.61	0.04	0.01	0.02	-1	-1	961
S9616193	326211	14500	17400	1	2	28	32	1	2	10	2	B2	13	2	42	0.2	1	289	1	4	10	1.27	1	12	2	2	23	1	1	6	1	3	159	0.24	0.04	0.5	0.07	0.04	0.04	-1	-1	1503
S9616194	326212	14500	17350	1	2	28	32	1	2	15	2	B2	12	5	66	0.2	3	129	1	4	10	1.63	2	11	2	2	37	2	1	6	1	5	200	0.19	0.05	0.69	0.03	0.01	0.01	-1	-1	1236
S9616195	326213	14500	17300	1	2	3G	32	1	2	20	2	B2	25	11	111	0.2	5	250	1	6	21	2.69	7	20	2	5	33	3	1	34	4	12	288	0.39	0.01	0.83	0.09	0.01	0.04	-1	-1	2834
S9616196	326214	14500	17250	1	2	28	32	1	2	16	2	B2	27	18	113	0.9	1	171	1	7	22	3.56	1	29	2	7	48	1	1	23	3	9	549	0.35	0.02	0.9	0.11	0.03	0.04	-1	-1	2645
S9616197	326215	14500	17200	1	2	38	32	1	2	10	2	B1	10	4	11	0.2	9	233	1	2	8	0.93	2	10	2	2	21	1	1	6	1	6	112	0.1	0.02	0.49	0.06	0.03	0.02	-1	-1	1723
S9616198	326216	MWV-21	17200	1	2	2B	36	1	2	10	2	B1	8	4	27	0.2	2	137	1	1	5	0.67	4	6	2	2	11	1	1	7	1	7	50	0.05	0.01	0.46	0.06	0.03	0.02	-1	-1	1478
S9616199	326217	MWV-21	17250	1	2	2B	32	1	2	15	2	B2	24	2	80	0.7	5	184	1	9	20	2.42	2	29	2	2	42	5	1	8	3	7	342	0.63	0.06	1	0.14	0.01	0.04	-1	-1	1308
S9616200	326218	MWV-21	17300	1	2	8G	32	1	2	15	3	B2	38	8	105	0.2	13	264	1	11	33	2.16	6	37	2	2	38	3	1	9	5	8	461	0.71	0.06	1.06	0.19	0.01	0.04	-1	-1	2059
S9616201	326219	MWV-21	17350	1	2	2B	32	1	2	20	3	B2	20	5	73	0.2	5	145	1	6	17	2.88	4	22	2	2	45	1	4	7	2	6	288	0.43	0.05	0.92	0.06	0.01	0.03	-1	-1	1461
S9616202	326220	MWV-21	17400	1	2	2B	32	1	2	15	3	B2	24	7	108	0.2	14	127	1	7	21	2.42	7	26	2	2	41	2	1	8	1	3	214	0.48	0.1	1	0.04	0.01	0.02	-1	-1	1609
S9616203	326221	MWV-21	17450	1	2	2B	32	1	2	15	3	B2	16	4	89	0.2	1	146	2	4	12	1.88	2	17	2	2	44	1	1	11	1	2	217	0.24	0.12	0.84	0.1	0.02	0.03	-1	-1	1557
S9616204	326222	MWV-21	17500	1	2	2B	32	1	2	15	3	B2	26	2	48	0.2	1	162	1	11	18	3.81	4	40	2	2	76	6	1	4	1	1	721	0.69	0.17	1.25	0.07	0.01	0.02	-1	-1	962
S9616205	326223	MWV-21	17550	1	2	2B	32	1	2	15	2	B1	12	8	17	0.2	1	203	1	2	6	0.87	4	12	2	2	28	1	1	6	1	5	136	0.09	0.06	0.52	0.04	0.03	0.02	-1	-1	1561
S9616206	326224	MWV-21	17600	1	2	KB	54	3	2	35	3	B1	71	2	1459	0.2	3	676	26	1	84	0.27	1	4	2	2	2	1	1	124	7	6	243	0.09	0.01	0.46	3.31	0.01	0.01	-1	-1	1198
S9616207	326226	MWV-21	17700	1	2	2B	32	1	2	15	2	B2	16	5	61	0.2	7	101	1	4	13	2.21	1	21	10	2	71	6	1	7	1	2	154	0.27	0.27	0.74	0.08	0.01	0.02	-1	-1	1554
S9616208	326227	MWV-21	17750	1	2	K	6	3	2	35	2	A2	136	2	46	0.2	10	247	1	5	20	0.95	3	24	2	2	18	1	1	79	27	22	426	0.31	0.01	0.94	3.82	0.03	0.04	-1	-1	712
S9616209	326228	MWV-21	17800	1	2	2B	32	1	2	15	2	B1	14	4	36	0.2	6	135	1	2	8	1.07	1	14	5	2	37	1	1	7	1	4	108	0.17	0.07	0.47	0.13	0.03	0.04	-1	-1	1364
S9616210	326229	MWV-21	17850	1	2	2B	32	1	2	15	4	B1	14	4	38	0.2	9	289	1	6	13	2.03	1	19	7	2	40	7	1	7	1	3	505	0.41	0.04	0.87	0.13	0.03	0.06	-1	-1	1441
S9616211	326230	MWV-21	17900	1	2	2B	32	1	2	15	2	B2	19	4	71	0.2	1	222	1	8	21	2.73	3	32	6	10	50	4	1	8	2	4	426	0.7	0.07	1.22	0.09	0.01	0.04	-1	-1	1461
S9616212	326231	MWV-21	17950	1	2	2B	32	1	2	15	2	B2	9	2	31	0.2	1	117	1	3	9	1.28	1	13	2	2	37	1	1	3	1	3	196	0.2	0.11	0.59	0.04	0.01	0.03	-1	-1	1379
S9616213	326232	MWV-21	18000	1	2	2B	32	1	2	15	3	B2	19	5	51	0.4	5	125	1	8	20	3.34	3	31	2	10	73	11	1	6	1	2	415	0.67	0.15	1.2	0.07	0.03	0.04	-1	-1	1438
S9616214	326233	MWV-21	18050	1	2	2B	32	1	2	20	3	B2	29	4	53	0.2	1	187	1	10	25	3.19	3	34	7	10	58	7	1	9	3	5	570	0.75	0.05	1.33	0.12	0.01	0.03	-1	-1	1537
S9616215	326234	MWV-21	18100	1	2	2B	32	1	2	20	2	B2	9	2	25	0.6	8	151	1	4	11	1.48	1	19	2	2	40	1	1	5	2	5	206	0.31	0.12	0.69	0.07	0.01	0.04	-1	-1	1615
S9616216	326235	MWV-21	18150	1	2	2B	32	1	2	20	3	B2	16	8	77	2.7	12	143	1	8	27	3.7	6	48	2	2	59	2	1	12	2	4	348	0.47	0.09	1.37	0.24	0.02	0.07	-1	-1	1461
S9616217	326236	MWV-21	18200	1	2	2B	32	1	2	16	3	B2	32	9	84	0.2	7	94	1	9	29	3.19	1	37	2	2	50	1	1	5	2	4	314	0.55	0.12	1.14	0.09	0.01	0.07	-1	-1	1533
S9616218	326237	MWV-21	18250	1	2	2B	32	1	2	16	3	B2	19	6	66	0.4	1	136	1	15	14	3.65	6	22	2	2	58	1	1	6	2	6	924	1.11	0.3	1.67	0.13	0.02	0.92	-1	-1	1147
S9616219	326238	MWV-21	18300	1	2	2B	35	2	2	15	3	B2	23	7	50	0.2	5	83	1	5	16	1.42	8	20	2	2	26	1	1	8	3	7	161	0.35	0.05	0.62	0.18	0.01	0.09	-1	-1	1289
S9616220	326239	MWV-21	18350	1	2	2B	32	1	2	15	3	B2	30	7	52	0.2	1	132	1	7	24	2.97	3	32	2	2	55	1	1	8	3	3	317	0.64	0.08	1.26	0.2	0.02	0.04	-1	-1	1414
S9616221	326240	MWV-21	18400	1	2	2B	32	1	2	20	3	B2	11	2	20	0.2	1	66	1	3	9	1.01	4	16	2	2	22	1	1	2	2	8	307	0.21	0.06	0.57	0.04	0.01	0.03	-1	-1	1156
S9616222	326242	MWV-21	18500	1	2	2B	23	2	2	25	4	B2	37	12	37	0.4	5	123	1	20	22	2.1	1	22	2	2	44	1	1	9	3	3	644	0.43	0.06	0.83	0.24	0.03	0.04	-1	-1	1160
S9616223	326243	MWV-21	18550	1	2	2B	32	1	2	15	4	B2	18	6	54	0.2	7	108	1	8	20	3.06	4	36	6	2	82	1	1	4	1	2	465	0.52	0.2	1.08	0.07	0.01	0.06	-1	-1	1326
S9616336	338501	-1	-1	1	2	-1	-1	-1	-1	-1	-1	-1	44	42	188	0.4	17	194	1	7	41	1.92	5	37	31	2	17	6	1	4	8	552	0.29	0.01	0.51	0.2	0.01	0.05	5	10	5101	
S9616339	338502	-1	-1	1	2	-1	-1	-1	-1	-1	-1	-1	65	31	128	0.2	47	434	1	9	41	2.69	8	39	18	2	20	5	1	24	10	9	744	0.35	0.01	0.71	0.23	0.01	0.05	5	10	6213
S9616340	338503	-1	-1	1	2	-1	-1	-1	-1	-1	-1	-1	61	26	141	0.2	18	803	1	7	37	2.24	4	35	23	2	21	8	1	25	7	7	961	0.3	0.01	0.9	0.2	0.01	0.05	5	10	6335
S9616341	338504	-1	-1	1	2	-1	-1	-1	-1	-1	-1	-1	41	18	98	0.2	32	429	1	6	29	1.65	2	25	16	2	14	1	1	15	4	8	649	0.2	0.01	0.53	0.13	0.01	0.04	5	10	6508
S9616342	338505	-1	-1	1	2	-1	-1	-1	-1	-1	-1	-1	69	14	204	0.7	26	474	1	6	38	1.98	2	30	24	2	18	1	1	33	6	8	516	0.29	0.01	0.67	0.29	0.01	0.05	5	10	7017
S9616343	338506	-1	-1	1	2	-1	-1	-1	-1	-1	-1	-1	24	10	80	0.2	62	67	1	2	15	1.35	5	14	17	2	22	8	1	3	1	9	126	0.07	0.01	0.39	0.02	0.01	0.02	5	10	5391
S9616344	338507	-1	-1	1	2	-1	-1	-1	-1	-1	-1	-1	20	19	89	0.2	26	361	1	5	17	1.36	8	17	17	2	14	1	1	12	2	12	346	0.14	0.01	0.41	0.08	0.01	0.04	5	10	8305

WOLBOOT

S9616467	301408	7600	18600	1	2	GR 32	1	2	25	4	B1	38	25	150	0.2	9	168	1	3	22	1.89	12	6	27	2	13	1	4	105	10	28	180	0.14	0.01	0.49	0.15	0.01	0.08	6	10	5515	
S9616468	301409	7600	18750	1	2	BY 32	2	2	30	4	B1	12	49	66	0.2	17	392	1	1	5	2.27	8	4	6	2	8	1	3	76	3	20	51	0.28	0.01	0.61	0.11	0.01	0.06	5	10	11417	
S9616469	301410	7600	18700	1	2	BY 32	1	2	25	3	B1	4	80	101	0.2	2	83	1	1	9	1.73	6	2	15	2	3	2	7	29	3	22	29	0.04	0.01	0.37	0.01	0.01	0.06	5	10	7981	
S9616470	301411	7600	18650	1	2	GN 23	1	2	15	4	B1	20	19	32	3.5	20	350	1	1	5	1.79	26	13	24	2	38	1	5	174	6	17	100	0.03	0.01	0.44	0.02	0.01	0.08	14	10	6634	
S9616471	301412	7600	18600	1	2	3G 23	1	2	25	3	B1	46	33	155	0.6	49	364	1	1	23	3.11	19	14	17	2	43	1	7	160	7	16	56	0.03	0.01	0.65	0.14	0.01	0.1	6	10	3773	
S9616472	301413	7600	18550	1	2	3G 32	1	2	20	3	B1	6	12	14	0.6	8	83	1	1	3	0.37	10	2	16	2	6	1	1	30	1	14	5	0.03	0.01	0.2	0.19	0.03	0.04	6	10	2596	
S9616473	301414	7600	18500	1	2	3G 5	1	3	30	2	B1	88	18	121	1.9	31	714	1	3	30	2	10	8	20	2	13	4	8	105	12	12	211	0.07	0.01	0.42	0.54	0.03	0.06	5	10	3695	
S9616474	301415	7600	18450	1	2	3G 5	3	2	30	2	B1	103	36	268	3.7	27	3011	1	9	68	2.84	13	35	16	2	34	1	3	129	19	15	473	0.3	0.01	1.17	0.64	0.03	0.06	5	10	6190	
S9616475	301416	7600	18400	1	2	3G 5	2	2	30	3	B1	51	37	191	1.9	18	478	1	1	15	0.9	10	8	18	2	15	1	1	78	6	16	27	0.04	0.01	0.49	0.13	0.01	0.06	5	10	3874	
S9616476	301417	7600	18350	1	2	3G 45	2	2	35	3	B1	30	18	42	1.5	17	569	1	2	13	1.33	9	13	12	2	29	2	1	92	4	8	97	0.08	0.01	0.75	0.45	0.05	0.05	5	10	2218	
S9616477	301418	7600	18300	1	2	GN 25	1	2	20	3	B1	28	25	71	1.5	18	508	1	2	16	2.34	15	24	22	2	59	1	3	82	6	23	98	0.19	0.01	0.95	0.04	0.01	0.11	2	10	3898	
S9616478	301419	7600	18250	1	2	GN 24	1	2	25	4	B1	29	24	54	1.5	9	350	1	2	13	1.77	10	28	22	2	66	2	1	49	6	19	79	0.21	0.02	1.04	0.14	0.03	0.08	5	10	2433	
S9616479	301420	7600	18200	1	2	3G 24	1	2	30	3	B1	21	29	55	2.1	8	301	1	1	11	1.25	15	15	19	2	49	6	3	89	7	24	38	0.03	0.01	0.66	0.05	0.01	0.07	5	10	2769	
S9616480	301421	7600	18150	1	2	3G 35	1	2	25	2	B1	59	30	63	6.5	27	807	1	1	18	2.93	13	27	18	2	70	1	8	74	9	12	52	0.1	0.01	1.3	0.1	0.05	0.12	5	10	2763	
S9616481	301422	7600	18100	1	2	3G 32	1	2	20	2	B1	43	143	114	1.9	31	421	1	1	10	2.43	10	14	18	2	29	15	1	47	5	11	61	0.03	0.01	0.52	0.04	0.03	0.06	5	10	5223	
S9616482	301423	7600	18050	1	2	BG 34	1	2	20	2	B1	34	64	116	1.1	36	650	1	1	13	1.98	12	9	20	2	19	1	1	58	5	14	78	0.07	0.01	0.32	0.02	0.01	0.08	5	10	4758	
S9616483	301424	7600	18000	1	2	3G 32	1	2	25	3	B1	35	61	95	0.7	26	623	1	3	15	2.25	18	12	11	2	25	7	1	73	8	16	217	0.12	0.01	0.49	0.07	0.02	0.09	5	10	5065	
S9616484	301425	7600	17950	1	2	BG 34	2	2	25	3	B1	30	98	65	2.6	19	1070	1	1	11	1.63	9	11	25	2	10	1	1	38	6	10	45	0.03	0.01	0.47	0.05	0.03	0.1	5	10	5449	
S9616485	301426	7600	17900	1	2	BR 54	1	2	25	3	B1	33	149	82	1.7	48	2208	1	3	15	2.25	10	12	16	2	19	4	1	41	10	22	210	0.12	0.01	0.67	0.08	0.03	0.06	5	10	9113	
S9616486	301427	7600	17850	1	2	2B 54	2	3	25	2	B1	53	137	113	1.2	58	2141	1	10	23	3.15	11	20	7	2	23	3	1	39	11	19	925	0.19	0.01	0.78	0.09	0.01	0.08	5	10	7434	
S9616487	301428	7600	17800	1	2	3G 54	2	2	30	2	B1	51	103	328	1.4	43	1718	1	4	5	67	2.09	12	34	27	2	27	1	1	48	9	17	183	0.37	0.01	1.16	0.31	0.02	0.07	5	10	6291
S9616488	301429	7600	17750	1	2	2G 5	2	2	25	2	B1	41	112	169	1.7	26	1909	1	9	51	2.33	7	23	22	2	23	4	1	60	10	15	566	0.31	0.01	0.84	0.71	0.01	0.05	-1	-1	6325	
S9616489	301430	7600	17700	1	5	BK 45	3	3	25	2	A	60	52	274	2.3	19	1456	4	8	103	2.07	6	31	14	2	18	2	1	63	14	11	177	0.27	0.01	0.89	0.41	0.02	0.08	-1	-1	3365	
S9616491	301432	7600	17600	1	5	1B 4	3	3	25	2	B1	39	12	269	1.2	18	660	1	11	70	2.75	7	48	13	2	34	1	1	36	10	13	410	0.58	0.01	1.29	0.39	0.03	0.08	-1	-1	2679	
S9616492	301433	7600	17550	1	5	BK 4	3	3	25	2	A	89	14	2347	2.8	1	2124	58	80	1329	5.04	13	40	23	2	22	1	1	42	12	11	39178	0.25	0.01	0.89	0.69	0.03	0.07	-1	-1	3221	
S9616493	301434	7600	17500	1	5	BK 45	3	3	25	2	A	75	10	1998	0.2	12	1206	49	46	793	3.88	23	38	2	2	37	1	1	54	8	-1	0	0.01	0.85	1.14	0.03	0.04	-1	-1	-1		
S9616494	301436	7600	17400	1	5	K 4	3	3	30	2	A2	29	2	680	0.7	1	249	1	21	121	1.38	12	7	9	2	3	1	1	99	3	3	5768	0.27	0.01	0.39	3.01	0.03	0.02	-1	-1	1737	
S9616495	301437	7600	17350	1	5	K 4	3	3	40	2	A2	30	4	191	0.5	16	219	1	20	58	2.44	11	15	17	2	13	10	1	85	5	7	3304	0.34	0.01	0.6	2.53	0.03	0.02	-1	-1	325	
S9616496	301438	7600	17300	1	5	3G 54	2	2	30	2	B1	40	9	159	0.2	7	173	1	6	48	2.17	5	27	20	2	23	2	1	66	10	18	307	0.56	0.01	0.93	1.55	0.03	0.05	-1	-1	845	
S9616497	301439	5800	20000	1	2	BY 42	2	2	10	2	B1	63	19	148	0.2	21	240	1	4	24	1.97	10	15	27	2	13	1	1	6	7	49	313	0.23	0.01	0.53	0.05	0.01	0.03	-1	-1	1595	
S9616498	301440	5800	19950	1	2	BR 43	2	2	10	2	B1	36	16	217	1	44	1030	1	7	36	2.99	11	34	17	2	37	5	1	7	3	21	412	0.25	0.01	1.36	0.04	0.01	0.04	-1	-1	11444	
S9616499	301441	5800	19900	1	2	BY 32	1	2	10	4	B1	153	198	163	2.1	44	236	1	5	42	1.61	12	7	12	2	9	14	1	10	4	29	182	0.01	0.01	0.32	0.03	0.02	0.05	-1	-1	8194	
S9616500	301442	5800	19850	1	2	BN 34	2	2	15	4	B1	120	81	373	0.8	76	483	1	6	82	3.37	7	10	18	2	28	4	1	85	4	9	108	0.01	0.01	0.51	0.06	0.01	0.08	-1	-1	26932	
S9616501	301443	5800	19800	1	2	1N 32	2	2	15	4	B2	118	298	318	0.7	157	669	2	7	46	3.56	7	8	7	2	17	7	1	126	9	26	628	0.02	0.01	0.47	0.25	0.01	0.16	-1	-1	8512	
S9616502	301444	5800	19750	1	2	2N 23	2	2	15	4	B2	20	332	140	2.3	89	298	1	3	13	2.21	18	5	17	2	11	5	1	116	13	25	219	0.02	0.01	0.25	0.15	0.01	0.13	-1	-1	7409	
S9616503	301445	5800	19700	1	2	3N 32	2	2	20	4	B1	30	95	41	4.7	69	503	1	1	6	1.54	22	18	32	2	49	1	1	168	3	23	24	0.03	0.01	0.29	0.49	0.01	0.09	-1	-1	5057	
S9616504	301446	5800	19650	1	2	2N 32	2	2	20	4	B1	182	21	166	1.7	266	522	5	5	27	3.44	14	14	16	2	68	2	1	414	16	13	179	0.04	0.01	0.47	0.36	0.01	0.22	-1	-1	6799	
S9616505	301447	5800	19600	1	2	2N 32	2	2	20	3	B1	13	41	60	0.8	16	275	1	1	6	0.83	11	8	24	2	28	1	1	57	2	20	25	0.02	0.01	0.42	0.04	0.01	0.1	-1	-1	6881	
S9616506	301448	5800	19550	1	2	3N 35	1	2	20	3	B1	13	28	37	1.5	17	624																									

WOLBOOT

S9616539	301484	8600	18400	1	5	BG	4	3	3	25	2	A	24	2	27	0.2	6	147	1	1	12	0.7	4	4	2	16	1	5	1	24	5	1	22	0.03	0.01	0.19	0.3	0.04	0.01	-1	-1	884	
S9616540	301485	8600	18350	1	5	3G	45	3	3	30	2	B1	32	22	80	0.7	47	254	1	6	18	2.61	63	22	2	16	98	8	2	50	7	8	610	0.13	0.01	0.39	0.32	0.02	0.01	-1	-1	2245	
S9616541	301486	8600	18300	1	5	2B	34	2	2	20	2	B1	57	9	182	0.2	46	97	1	13	67	4.29	11	50	2	16	49	2	3	22	5	9	283	0.54	0.01	0.07	0.28	0.01	0.04	-1	-1	2228	
S9616542	301487	8600	18250	1	5	3G	45	2	2	20	2	B1	68	18	207	0.2	35	677	4	69	63	3.06	45	31	2	17	41	1	1	77	14	9	8811	0.25	0.01	0.07	0.63	0.02	0.02	-1	-1	2663	
S9616543	301488	8600	18200	1	5	3B	54	2	3	20	1	B1	44	21	263	1	48	422	2	6	49	3.23	21	30	2	2	44	2	1	89	9	11	600	0.29	0.01	0.65	0.52	0.03	0.02	-1	-1	2658	
S9616544	301489	8600	18150	1	5	3G	5	2	3	30	1	B1	67	23	324	1.4	75	653	3	21	76	8.12	32	33	2	10	71	5	1	105	11	11	2460	0.35	0.01	0.93	0.56	0.01	0.05	-1	-1	3687	
S9616545	301490	8600	18100	1	5	3G	45	3	3	25	1	B	85	16	286	1.3	56	682	9	11	80	8.43	48	28	2	20	58	5	8	65	21	9	534	0.18	0.01	0.74	0.55	0.03	0.03	-1	-1	2737	
S9616546	301491	8600	18050	1	5	3G	5	2	3	20	1	B1	29	18	114	0.9	27	389	2	4	27	1.79	7	17	2	9	30	2	1	65	6	9	259	0.15	0.01	0.46	0.31	0.01	0.02	-1	-1	2772	
S9616547	301492	8600	18000	1	5	GR	54	2	2	20	1	B1	90	4	671	1.3	108	796	13	18	88	12.34	36	23	2	23	63	5	18	79	21	8	1835	0.15	0.01	0.64	0.82	0.01	0.02	-1	-1	2268	
S9616548	301493	8600	17950	1	5	K	4	3	3	30	1	B1	48	14	196	1.2	21	316	2	3	40	1.4	5	23	2	15	24	1	1	60	8	8	205	0.24	0.01	0.58	0.56	0.01	0.01	-1	-1	2618	
S9616549	301494	8600	17900	1	5	GR	5	2	2	25	1	B1	68	16	260	0.6	34	288	2	11	80	3.62	17	31	2	7	34	1	3	63	14	15	578	0.37	0.01	0.85	0.54	0.02	0.03	-1	-1	2532	
S9616550	301495	8600	17850	1	5	GR	5	1	2	20	1	B1	105	16	266	1.3	5	459	6	6	73	1.3	18	32	2	10	27	1	1	80	13	13	380	0.3	0.01	0.93	0.89	0.03	0.04	-1	-1	2260	
S9616551	301496	8600	17800	1	5	K	4	3	3	25	1	A	125	2	2580	1.1	237	397	20	10	128	11.01	12	16	2	28	69	10	1	69	22	6	593	0.15	0.01	0.85	1.83	0.03	0.01	-1	-1	2372	
S9616552	301497	8600	17750	1	5	K	4	3	3	25	1	A2	104	13	462	1.3	4	229	4	4	80	1.23	10	22	2	18	22	1	1	79	10	7	149	0.57	0.01	0.58	1.07	0.03	0.02	-1	-1	808	
S9616553	301498	8600	17700	1	5	K	4	3	3	25	1	A2	73	2	838	0.5	1	326	4	19	53	3.13	5	12	2	5	5	9	1	104	6	2	1766	0.69	0.01	0.24	3.1	0.03	0.03	-1	-1	1690	
S9616554	301499	8600	17650	1	5	K	4	3	3	25	1	B1	12	2	467	1.4	164	798	1	10	37	25.85	1	2	10	33	1	5	1	182	1	1	1055	0.41	0.01	0.04	2.91	0.03	0.01	-1	-1	1120	
S9616555	301500	8600	17600	1	5	3R	5	3	2	20	1	B2	26	14	106	0.4	5	385	1	10	22	2.72	7	22	2	2	42	1	1	17	2	9	1425	0.38	0.02	0.76	0.18	0.03	0.13	-1	-1	2683	
S9616556	300708	7000	20000	1	1	2	2B	24	2	1	10	3	B2	34	34	88	0.7	23	328	1	5	19	2.42	8	23	5	15	41	1	3	37	3	9	232	0.31	0.01	0.79	0.13	0.01	0.13	-1	-1	2812
S9616557	300707	7000	19950	1	1	2	NB	24	1	1	15	4	B1	66	20	91	0.5	7	626	1	10	34	2.28	7	21	2	12	31	1	1	75	5	10	1229	0.4	0.01	0.88	0.77	0.03	0.15	-1	-1	3917
S9616558	300708	7000	19900	1	1	2	3B	24	2	1	25	4	B1	132	16	274	1.3	1	1267	6	18	47	1.85	5	13	5	2	17	1	1	44	8	11	5217	0.1	0.01	1.19	0.35	0.03	0.06	-1	-1	3878
S9616559	300709	7000	19850	1	1	2	3B	24	3	1	25	4	B2	84	61	297	0.2	50	310	1	3	28	2.53	10	7	2	2	14	3	1	51	4	12	270	0.02	0.01	0.34	0.06	0.01	0.07	-1	-1	12568
S9616560	300710	7000	19800	1	1	2	1G	25	1	3	15	3	B2	102	127	169	1	100	568	1	2	21	2.46	12	10	2	9	21	1	3	94	8	16	281	0.03	0.01	0.48	0.06	0.01	0.08	-1	-1	9398
S9616561	300711	7000	19750	1	1	2	2G	25	1	2	20	3	B2	130	114	262	4.3	133	602	4	6	39	3.04	17	14	2	27	36	1	2	226	20	9	230	0.02	0.01	0.48	0.26	0.01	0.13	-1	-1	7629
S9616562	300712	7000	19700	1	1	2	2G	25	2	3	25	3	B2	79	105	232	1.3	165	669	2	4	27	3.04	12	9	2	2	21	1	3	88	9	10	172	0.01	0.01	0.28	0.07	0.01	0.11	-1	-1	6878
S9616563	300713	7000	19650	1	1	2	2G	23	1	2	20	4	B2	68	156	171	1	98	632	1	2	20	2.56	9	10	8	2	21	1	1	54	5	15	296	0.07	0.01	0.32	0.07	0.01	0.17	-1	-1	7512
S9616564	300714	7000	19600	1	1	2	GB	25	1	2	20	4	C	25	37	90	2.5	17	291	1	2	15	1.33	25	11	2	10	44	1	1	37	2	10	42	0.01	0.01	0.42	0.02	0.03	0.06	-1	-1	9958
S9616565	300715	7000	19550	1	1	2	GB	25	1	2	20	4	C	30	40	119	3.9	27	410	1	4	14	1.94	33	16	2	13	39	1	1	123	5	17	376	0.04	0.01	0.43	0.03	0.01	0.08	-1	-1	5098
S9616566	300716	7000	19500	1	1	3	3G	25	1	2	30	4	B2	35	14	212	0.2	10	238	1	10	39	2.7	13	15	10	8	15	1	1	26	18	36	210	0.37	0.01	1.08	0.29	0.01	0.08	-1	-1	2371
S9616567	300717	7000	19450	1	1	3	3G	25	2	2	30	4	B2	98	14	285	1.2	8	94	2	20	64	3.94	8	6	2	2	11	7	4	48	19	27	344	0.08	0.01	0.41	0.25	0.01	0.12	-1	-1	2705
S9616568	300718	7000	19400	1	1	2	GB	25	2	2	15	4	B2	82	20	130	1	11	226	1	10	39	3	9	8	2	2	22	1	2	78	20	33	141	0.14	0.01	0.48	0.67	0.01	0.16	-1	-1	3779
S9616569	300719	7000	19350	1	1	2	2G	24	2	2	15	4	B2	23	63	34	4.1	32	553	1	1	5	1.19	13	16	2	9	33	1	1	114	5	12	25	0.03	0.01	0.38	0.06	0.02	0.07	-1	-1	6051
S9616570	300720	7000	19300	1	1	2	2G	24	2	2	15	4	C	46	25	23	10.4	26	490	1	1	7	1.87	44	34	2	21	80	1	1	200	13	16	26	0.05	0.01	0.36	0.06	0.03	0.11	-1	-1	8407
S9616571	300721	7000	19250	1	1	2	3B	4	3	3	35	4	C	47	69	81	0.7	17	768	1	1	9	2.72	14	8	2	2	48	3	1	83	9	77	46	0.19	0.01	0.79	0.06	0.03	0.1	-1	-1	8782
S9616572	300722	7000	19200	1	1	2	2G	24	1	2	25	4	B2	93	21	105	1.6	47	433	1	3	20	2.62	7	16	2	2	63	1	1	380	8	8	61	0.06	0.01	0.48	0.03	0.01	0.14	-1	-1	6422
S9616573	300723	7000	19150	1	1	3	3G	12	2	2	10	4	B2	41	116	77	2.8	23	278	1	2	11	1.1	4	9	2	14	19	1	1	95	4	6	95	0.05	0.01	0.39	0.18	0.01	0.11	-1	-1	4399
S9616574	300724	7000	19100	1	1	3	2G	23	1	2	25	4	B2	29	46	40	2.6	19	434	1	1	8	1.77	11	19	2	9	32	1	1	214	4	6	51	0.06	0.01	0.22	0.14	0.03	0.12	-1	-1	4806
S9616575	300725	7000	19050	1	1	3	BG	24	1	2	25	4	B2	73	18	66	1.7	9	368	1	2	22	1.17	9	38	2	2	22	1	1	78	6	14	69	0.23	0.01	0.69	0.23	0.02	0.05	-1	-1	4966
S9616576	300726	7000	19000	1	1	3	3G	24	2	2	20	4	B1	57	11	44	2.7	9	208	1	1	29	0.85	9	20	2	6	9	1	1	58												

WOLBOOT

S9621629	300346	150	PD-35	2	1	1	28	32	1	3	25	1	-1	85	5	85	0.2	13	158	1	18	62	3.17	1	55	2	11	49	1	1	23	23	24	810	1.31	0.08	1.81	1.12	0.01	0.07	-1	-1	-1
S9621630	300347	300	PD-35	2	1	1	28	32	1	3	15	3	-1	85	2	75	0.2	1	132	1	19	53	3.42	5	55	5	6	54	1	1	25	17	17	684	1.43	0.11	1.98	0.9	0.01	0.07	-1	-1	-1
S9621631	300348	450	PD-35	2	1	1	28	32	1	3	25	2	-1	93	2	66	0.2	1	131	1	15	43	2.8	5	44	2	6	42	1	1	26	19	20	586	1.11	0.03	1.64	0.94	0.01	0.08	-1	-1	-1
S9621632	300349	0	PD-35	2	1	1	28	32	1	3	5	1	-1	87	2	64	0.2	4	110	1	20	40	3.18	2	49	2	11	54	2	1	17	13	5	848	1.28	0.07	1.79	0.89	0.01	0.1	-1	-1	-1
S9621633	300350	150	PD-35	2	1	1	28	32	1	3	5	1	-1	116	2	60	0.2	9	97	1	22	33	3.61	1	31	11	9	66	6	1	16	9	3	582	1.49	0.12	2.11	0.77	0.01	0.05	-1	-1	-1
S9621634	300351	300	PD-35	2	1	2	28	32	1	2	-1	2	-1	114	2	60	0.2	1	101	1	21	38	3.54	2	37	2	12	66	1	2	20	5	5	652	1.5	0.13	2.08	0.81	0.02	0.06	-1	-1	-1
S9621635	300352	450	PD-35	2	1	1	28	32	1	3	10	1	-1	121	4	65	0.2	23	123	1	23	59	3.73	5	60	6	6	59	3	1	33	12	11	671	1.46	0.13	2.06	0.75	0.01	0.06	-1	-1	-1
S9621636	300353	600	PD-35	2	1	1	28	32	1	3	15	1	-1	110	2	63	0.2	1	132	1	21	55	3.61	1	57	2	2	57	1	1	39	10	8	670	1.47	0.13	2.04	0.75	0.01	0.08	-1	-1	-1
S9621637	300354	750	PD-35	2	1	1	28	32	1	3	10	1	-1	113	5	65	0.4	14	105	1	21	55	3.69	2	58	2	6	60	1	1	30	9	7	650	1.56	0.15	2.08	0.76	0.01	0.07	-1	-1	-1
S9621638	300355	900	PD-35	2	1	2	28	32	1	2	-1	1	-1	127	4	67	0.2	30	108	1	21	52	3.52	1	54	6	12	58	1	1	26	10	8	669	1.45	0.13	2.01	0.9	0.02	0.09	-1	-1	-1
S9621639	300356	600	PD-35	2	1	1	28	32	1	3	15	3	-1	120	7	74	0.2	16	159	1	17	51	3.07	3	53	13	8	50	1	1	32	23	24	684	1.29	0.09	1.91	1.28	0.03	0.08	-1	-1	-1
S9621640	300357	750	PD-35	2	1	1	28	32	1	3	20	2	-1	112	4	75	0.2	29	154	1	19	48	3.29	3	52	2	7	52	1	1	30	19	20	710	1.36	0.11	1.98	1.13	0.01	0.07	-1	-1	-1
S9621641	300358	900	PD-35	2	1	1	28	32	1	3	20	2	-1	112	6	70	0.2	7	148	1	18	40	2.78	4	42	14	2	41	8	1	29	15	17	650	1.08	0.03	1.58	0.92	0.03	0.06	-1	-1	-1
S9621642	300359	1050	PD-35	2	1	1	28	32	1	3	40	2	-1	75	2	208	0.2	28	140	1	14	39	2.51	1	37	6	7	37	8	1	26	13	13	452	1	0.03	1.44	0.81	0.01	0.05	-1	-1	-1
S9621643	300360	7500	17500	1	2	1	38	45	1	2	15	2	B	41	13	900	0.7	24	266	4	26	226	3.88	8	38	7	2	26	1	1	32	8	13	3458	0.67	0.01	0.86	0.51	0.02	0.03	-1	-1	-1
S9621644	300400	7500	17500	1	2	1	38	45	1	2	25	1	B	40	20	431	0.8	30	609	4	82	142	3.21	8	30	2	2	26	2	1	31	8	8	7996	0.26	0.01	0.69	0.42	0.02	0.03	-1	-1	-1
S9621645	300401	7500	17500	1	2	1	38	45	1	2	25	1	B	59	27	680	1.1	7	802	3	21	170	3.89	8	38	2	2	26	1	1	46	11	10	1704	0.48	0.01	0.96	0.51	0.01	0.04	-1	-1	-1
S9621646	300402	7500	17500	1	2	1	38	45	1	2	25	1	B	33	14	167	0.4	22	268	1	11	46	2.52	3	35	5	5	26	1	1	25	6	8	454	0.43	0.01	0.75	0.34	0.02	0.03	-1	-1	-1
S9621647	300403	7500	17500	1	2	1	38	45	1	2	25	1	B	65	69	378	1.2	15	1169	4	11	115	1.99	6	28	8	2	18	1	1	59	11	7	854	0.33	0.01	0.84	0.54	0.03	0.03	-1	-1	-1
S9621648	300404	7500	17500	1	2	1	38	45	1	2	25	1	B	66	98	308	1.5	27	896	3	6	92	1.98	7	25	2	5	17	1	1	48	12	8	315	0.27	0.01	0.74	0.31	0.01	0.02	-1	-1	-1
S9621649	300405	7500	17500	1	2	1	38	45	1	2	25	1	B	32	101	89	0.9	32	607	1	8	15	1.71	7	13	2	2	14	1	1	27	5	7	661	0.1	0.01	0.35	0.06	0.03	0.06	-1	-1	-1
S9621650	300406	7500	17500	1	2	1	38	45	1	2	25	1	B	44	148	119	1.3	76	898	1	3	15	2.9	10	14	2	2	19	2	1	31	7	11	144	0.12	0.01	0.41	0.06	0.01	0.03	-1	-1	-1
S9621651	300407	7500	17500	1	2	1	38	45	1	2	25	1	B	41	88	76	1.3	41	733	1	1	12	2.29	12	11	8	11	22	1	1	53	8	12	79	0.11	0.01	0.5	0.05	0.01	0.08	-1	-1	-1
S9621652	300408	7500	17500	1	2	1	38	45	1	2	25	1	B	37	65	128	1.4	29	464	1	4	16	2.61	14	11	8	14	22	1	1	73	8	13	198	0.09	0.01	0.4	0.05	0.01	0.11	-1	-1	-1
S9621653	300409	7500	17500	1	2	1	38	45	1	2	25	1	B	41	155	128	1.9	54	554	1	2	14	2.72	9	9	7	5	19	1	1	46	8	12	189	0.07	0.01	0.39	0.03	0.01	0.12	-1	-1	-1
S9621654	300410	7500	17500	1	2	1	38	45	1	2	25	1	B	57	35	134	0.9	30	343	1	5	44	2.85	11	45	7	6	45	1	1	45	7	10	189	0.42	0.01	0.96	0.21	0.01	0.05	-1	-1	-1
S9621655	300411	7500	17500	1	2	1	38	45	1	2	25	1	B	30	29	60	2.5	55	499	1	1	12	2.4	12	20	2	2	53	1	1	89	9	13	59	0.08	0.01	1.01	0.11	0.01	0.03	-1	-1	-1
S9621656	300412	7500	17500	1	2	1	38	45	1	2	25	1	B	32	26	78	1.2	50	322	1	1	19	2.17	14	21	2	5	52	1	1	91	8	10	77	0.13	0.01	0.54	0.18	0.01	0.04	-1	-1	-1
S9621657	300413	7500	17500	1	2	1	38	45	1	2	25	1	B	21	24	38	0.9	12	397	1	1	8	0.94	10	12	5	2	23	1	1	44	4	14	40	0.04	0.01	0.49	0.04	0.03	0.03	-1	-1	-1
S9621658	300414	7500	17500	1	2	1	38	45	1	2	25	1	B	9	19	25	0.6	3	241	1	1	5	0.62	7	9	9	8	15	2	1	39	2	13	22	0.04	0.01	0.32	0.06	0.02	0.02	-1	-1	-1
S9621659	300415	7500	17500	1	2	1	38	45	1	2	25	1	B	23	43	59	2.4	31	679	1	2	13	1.92	9	20	11	2	39	4	1	118	5	17	75	0.13	0.01	0.81	0.26	0.02	0.04	-1	-1	-1
S9621660	300416	7500	17500	1	2	1	38	45	1	2	25	1	B	25	26	59	1.6	19	937	1	2	11	1.63	12	10	2	2	24	1	1	89	6	11	156	0.08	0.01	0.36	0.2	0.02	0.05	-1	-1	-1
S9621661	300417	7500	17500	1	2	1	38	45	1	2	25	1	B	102	32	228	2	33	3040	2	18	46	2.36	17	23	2	2	27	1	1	135	26	12	2656	0.24	0.01	1	0.62	0.03	0.05	-1	-1	-1
S9621662	300418	7500	17500	1	2	1	38	45	1	2	25	1	B	34	21	110	0.2	22	227	1	3	20	1.91	7	14	15	2	29	2	1	74	5	11	107	0.1	0.01	0.45	0.07	0.01	0.06	-1	-1	-1
S9621663	300419	7500	17500	1	2	1	38	45	1	2	25	1	B	46	33	96	1	29	432	1	3	20	2.11	11	9	8	5	21	1	1	81	6	8	128	0.03	0.01	0.52	0.04	0.03	0.07	-1	-1	-1
S9621664	300420	7500	17500	1	2	1	38	45	1	2	25	1	B	46	28	85	1.4	25	311	1	4	15	2.13	18	12	9	7	32	1	1	120	7	9	171	0.03	0.01	0.53	0.02	0.01	0.09	-1	-1	-1
S9621665	300421	7500	17500	1	2	1	38	45	1	2	25	1	B	39	21	22	4.2	19	452	1	1	7	1.26	17	12	5	2	38	1	1	79	2	8	35	0.02	0.01	0.52	0.07	0.02	0.05	-1	-1	-1
S9621666	300422	7500	17500	1	2	1	38	45	1	2	25	1	B	17	23	15	1	9	399	1	1	3	0.59	9	11	2	2	20	7	1	64	7	19	16	0.02	0.01	0.68	0.03	0.03	0			

WOLBOOT

S9621745	300489	8200	17550	*	1	2	*	3G	42	1	2	15	2	B	65	28	107	1.8	42	412	1	4	17	2.88	18	15	5	9	53	1	1	70	3	12	116	0.03	0.01	0.32	0.11	0.01	0.08	-1	-1	-1	
S9621746	300248	8200	17500	*	1	2	*	3G	42	1	2	30	2	B	64	13	275	0.2	11	278	5	9	69	1.43	7	18	6	2	16	1	1	42	12	11	785	0.22	0.01	0.58	0.48	0.01	0.04	-1	-1	-1	
S9621747	300247	8200	17450	*	1	2	*	3G	54	2	2	40	2	B	66	2	12	0.8	1	298	4	1	20	0.48	1	5	2	2	4	1	1	170	5	2	187	0.29	0.01	0.29	4.65	0.03	0.01	-1	-1	-1	
S9621748	300248	8200	17400	*	1	2	*	3G	42	1	2	30	2	B	63	17	385	1.3	29	227	2	15	89	2.7	17	20	2	2	32	1	1	59	10	8	1255	0.27	0.01	0.51	1.11	0.01	0.01	-1	-1	-1	
S9621749	300249	8200	17350	*	1	2	*	3G	42	1	2	30	2	B	68	2	54	0.2	24	152	1	14	67	3.07	3	34	7	7	21	1	1	49	8	5	674	0.5	0.01	0.9	1.44	0.04	0.03	-1	-1	-1	
S9621750	300500	8200	17300	*	1	2	*	3G	42	1	2	30	2	B	65	11	52	0.4	16	125	1	10	38	2.33	6	25	2	5	22	1	1	34	5	5	364	0.39	0.01	0.65	1	0.01	0.02	-1	-1	-1	
S9621751	341501	8200	17250	*	1	2	*	3G	54	2	2	30	2	B	102	14	47	1	1	73	1	60	136	14.16	7	23	9	6	27	1	1	8	4	4	581	0.08	0.01	0.51	0.12	0.01	0.01	-1	-1	-1	
S9621752	341502	8200	17200	*	1	2	*	3G	54	2	2	30	2	B	18	6	30	0.2	27	95	1	5	20	2.36	8	25	7	5	39	1	1	10	2	11	156	0.23	0.01	0.71	0.09	0.01	0.03	-1	-1	-1	
S9621753	341503	8000	17200	*	1	2	*	3G	54	2	2	30	2	B	62	9	172	0.8	89	712	2	17	67	5.25	9	23	2	2	24	1	1	48	10	10	938	0.57	0.01	0.94	0.84	0.01	0.03	-1	-1	-1	
S9621754	341504	8000	17250	*	1	2	*	2G	54	1	2	30	2	B	62	9	172	0.8	89	712	2	17	67	5.25	9	23	2	2	24	1	1	99	7	5	3111	0.48	0.01	0.69	2	0.03	0.02	-1	-1	-1	
S9621755	341506	8000	17350	*	1	2	*	1	-1	*	2	-1	-1	-1	B	59	12	83	0.2	20	298	1	15	80	3.03	7	42	6	2	27	1	1	57	8	7	1878	0.5	0.01	0.89	1.32	0.03	0.02	-1	-1	-1
S9621756	341510	8200	19700	*	1	2	*	2B	24	1	2	20	2	B	62	9	172	0.8	89	712	2	17	67	5.25	9	23	2	2	24	1	1	99	7	5	3111	0.48	0.01	0.69	2	0.03	0.02	-1	-1	-1	
S9621757	341511	8200	19750	*	1	2	*	2B	24	1	2	20	2	B	62	9	172	0.8	89	712	2	17	67	5.25	9	23	2	2	24	1	1	99	7	5	3111	0.48	0.01	0.69	2	0.03	0.02	-1	-1	-1	
S9621758	341512	8200	19800	*	1	2	*	2B	54	2	2	30	2	B	47	15	73	0.2	28	663	1	12	30	2.81	7	42	7	14	44	1	1	18	12	9	4687	0.37	0.01	1.54	0.22	0.03	0.04	-1	-1	-1	
S9621759	341513	8200	19850	*	1	2	*	2B	42	1	2	20	2	B	29	9	48	0.2	16	123	1	3	16	1.55	5	19	5	2	30	1	1	12	17	19	3124	0.08	0.01	1.69	0.14	0.03	0.01	-1	-1	-1	
S9621760	341514	8200	19900	*	1	2	*	2B	24	1	2	15	2	B	25	12	45	0.2	7	84	1	2	16	2.17	4	17	2	2	63	1	1	4	2	10	179	0.14	0.04	0.67	0.04	0.03	0.03	-1	-1	-1	
S9621761	341515	8200	19950	*	1	2	*	2B	24	1	2	15	2	B	54	9	80	0.2	14	121	1	7	38	2.24	5	27	2	2	26	1	1	7	5	14	682	0.4	0.01	0.99	0.08	0.02	0.03	-1	-1	-1	
S9621762	341516	8200	20000	*	1	2	*	2B	42	1	2	20	2	B	24	10	52	0.2	13	64	1	4	18	2.29	4	23	2	2	40	1	1	4	2	13	339	0.16	0.03	0.64	0.04	0.02	0.03	-1	-1	-1	
S9621763	341517	8200	20050	*	1	2	*	2B	24	1	2	15	2	B	20	11	33	0.2	7	88	1	20	11	1.62	4	15	9	2	27	2	1	4	2	14	2392	0.07	0.01	0.64	0.03	0.02	0.03	-1	-1	-1	
S9621764	341518	8200	20100	*	1	2	*	2B	24	1	2	15	2	B	42	9	55	0.2	15	79	1	9	34	1.85	2	26	10	2	24	1	1	4	5	15	522	0.34	0.02	0.94	0.06	0.01	0.02	-1	-1	-1	
S9621765	341519	8200	20150	*	1	2	*	2B	42	1	2	20	2	B	35	2	23	0.2	9	138	1	2	13	0.9	3	17	2	2	18	1	1	6	4	10	155	0.04	0.01	0.59	0.06	0.03	0.02	-1	-1	-1	
S9621766	341520	8200	20200	*	1	2	*	2B	42	1	2	15	2	B	58	14	90	0.2	25	167	1	20	41	3.12	5	35	2	6	40	7	1	8	5	14	3049	0.37	0.02	1.17	0.1	0.03	0.07	-1	-1	-1	
S9621767	341521	8400	20200	*	1	2	*	2B	24	1	2	15	2	B	87	7	128	0.2	47	414	1	20	54	5.55	5	104	2	9	135	8	1	11	9	9	2383	0.77	0.01	1.88	0.17	0.03	0.05	-1	-1	-1	
S9621768	341522	8400	20150	*	1	2	*	2B	42	1	2	15	2	B	63	4	66	0.2	49	155	1	19	34	4.27	1	48	6	12	40	1	1	3	3	5	1174	0.77	0.01	1.47	0.04	0.02	0.05	-1	-1	-1	
S9621769	341523	8400	20100	*	1	2	*	2B	24	1	2	15	2	B	32	2	52	0.2	3	82	1	6	25	1.92	3	25	2	6	24	3	1	4	3	11	424	0.38	0.01	0.82	0.05	0.01	0.02	-1	-1	-1	
S9621770	341524	8400	20050	*	1	2	*	2B	54	2	2	20	2	B	49	6	96	0.2	4	438	1	5	28	2.48	7	32	9	2	37	2	1	30	16	20	800	0.44	0.01	1.75	0.48	0.03	0.03	-1	-1	-1	
S9621771	341525	8400	20000	*	1	2	*	3B	54	2	2	20	2	B	31	9	63	0.4	21	262	1	6	17	2.11	1	30	2	13	42	1	1	7	10	8	404	0.54	0.02	1.5	0.1	0.03	0.02	-1	-1	-1	
S9621772	341526	8400	19950	*	1	2	*	2B	24	1	2	20	2	B	19	4	42	0.2	20	211	1	7	17	2.3	2	32	8	7	54	1	1	8	4	4	570	0.55	0.06	1.18	0.12	0.01	0.02	-1	-1	-1	
S9621773	341527	8400	19900	*	1	2	*	2B	54	2	2	20	2	B	28	8	76	0.2	10	606	1	15	24	3.44	4	43	13	17	68	1	1	15	8	6	908	0.98	0.06	1.84	0.23	0.02	0.04	-1	-1	-1	
S9621774	341528	8400	19850	*	1	2	*	2B	24	1	2	35	2	B	17	9	42	0.2	1	398	1	5	13	2.08	1	21	17	2	48	1	1	14	4	4	313	0.4	0.05	1.02	0.26	0.02	0.04	-1	-1	-1	
S9621775	341529	8400	19800	*	1	2	*	3B	54	2	2	30	2	B	33	23	37	0.2	11	269	1	6	12	1.67	4	20	6	2	28	1	1	9	6	6	755	0.2	0.01	1.18	0.12	0.03	0.04	-1	-1	-1	
S9621776	341530	8400	19750	*	1	2	*	2B	54	2	2	30	2	B	30	21	36	0.2	7	121	1	4	13	1.28	2	13	9	2	19	1	1	5	3	5	501	0.14	0.01	0.76	0.06	0.03	0.06	-1	-1	-1	
S9621777	341531	8400	19700	*	1	2	*	2B	42	1	2	15	3	B	62	43	89	0.2	13	199	1	8	29	2.46	4	23	5	2	29	1	1	8	5	9	1219	0.28	0.01	0.97	0.07	0.03	0.11	-1	-1	-1	
S9621778	341532	8400	19650	*	1	2	*	2B	24	1	2	15	3	B	56	38	85	0.2	7	195	1	9	30	2.26	5	19	2	2	24	3	1	8	5	8	1184	0.21	0.03	0.62	0.07	0.01	0.07	-1	-1	-1	
S9621779	341533	8400	19600	*	1	2	*	2B	24	1	2	15	2	B	53	43	88	0.2	15	169	1	6	28	2.34	2	20	2	2	28	1	1	8	4	6	758	0.22	0.02	0.64	0.06	0.01	0.1	-1	-1	-1	
S9621780	341534	8400	19550	*	1	2	*	2B	24	1	2	10	2	B	53	40	72	0.2	10	143	1	8	23	2.49	2	20	9	16	27	1	1	6	3	6	759	0.22	0.02	0.98	0.03	0.01	0.08	-1	-1	-1	
S9621781	341535	8400	19500	*	1	2	*	2B	24	1	2	10	2	B	29	43	40	0.2	15	93	1	1	12	1.64	2	12	2	2	35	1	1	4	1	2	138	0.05	0.01	0.56	0.03	0.03	0.06	-1	-1	-1	
S9621782	341536	8400	19450	*	1	2	*	2B	24	1	2	10	2	B	67	48	68	0.2	3	110	1	8	22	1.83	2	11	9	9	20	1	1	5	4	4	1040	0.16	0.02	0.							

WOLBOOT

S9621817	341571	8700	19700	1	2	28	24	1	2	15	3	8	51	38	72	0.2	10	167	1	3	22	2.43	8	18	12	2	42	1	1	4	3	7	760	0.02	0.01	0.66	0.02	0.02	0.04	-1	-1	-1	
S9621818	341572	8650	19700	1	2	28	24	1	2	15	2	8	46	66	77	0.6	16	82	1	11	26	3.19	3	29	6	14	31	6	1	5	2	4	2166	0.22	0.05	0.72	0.03	0.02	0.06	-1	-1	-1	
S9621819	341573	8600	19700	1	2	28	24	1	2	15	3	8	33	23	67	0.2	1	91	1	4	17	2.32	2	18	2	2	30	1	1	6	2	8	372	0.19	0.02	0.78	0.04	0.02	0.06	-1	-1	-1	
S9621820	341574	8600	19650	1	2	28	24	1	2	15	3	8	37	23	67	0.2	11	180	1	4	20	1.77	4	15	2	2	19	1	1	11	3	8	373	0.14	0.02	0.46	0.04	0.02	0.05	-1	-1	-1	
S9621821	341575	8600	19600	1	2	28	24	1	2	15	2	8	27	18	65	0.2	20	88	1	2	17	2.62	3	17	2	8	32	1	1	7	2	7	203	0.14	0.02	0.71	0.03	0.02	0.03	-1	-1	-1	
S9621822	341576	8600	18550	1	2	28	24	1	2	15	2	8	32	28	49	0.2	18	131	1	3	18	1.84	3	18	2	2	23	2	1	7	3	10	176	0.18	0.01	0.73	0.04	0.02	0.04	-1	-1	-1	
S9622161	339664	8900	19700	1	2	1	18	45	2	2	20	3	-1	35	11	59	0.2	25	159	1	5	23	1.75	1	19	2	2	20	4	1	7	4	11	438	0.24	0.01	0.72	0.06	0.01	0.03	-1	-1	-1
S9622162	339665	8950	19700	1	2	1	18	45	2	2	20	3	-1	84	18	133	0.4	29	256	1	13	50	3.21	6	36	2	9	36	1	1	13	13	18	806	0.42	0.01	1.52	0.04	0.03	0.05	-1	-1	-1
S9622163	339656	8900	19700	1	2	1	28	34	1	1	20	3	-1	97	82	162	0.2	8	150	1	10	50	2.56	6	19	2	2	22	1	1	18	8	13	1815	0.25	0.02	0.94	0.06	0.01	0.03	-1	-1	-1
S9622164	339657	8850	19700	1	2	1	28	34	1	1	20	3	-1	74	22	113	0.2	6	153	1	11	47	2.64	1	21	2	2	26	10	1	11	6	11	1562	0.28	0.02	0.91	0.06	0.01	0.03	-1	-1	-1
S9622165	339658	8800	19700	1	2	1	18	32	1	1	20	2	-1	23	11	33	0.7	13	238	1	3	13	1.1	2	23	2	9	13	2	3	12	3	8	845	0.09	0.01	0.46	0.06	0.04	0.03	-1	-1	-1
S9622166	339659	8750	19700	1	2	1	28	32	1	1	20	4	-1	20	21	32	0.2	12	78	1	1	9	1.09	1	6	2	2	16	4	1	3	1	6	257	0.02	0.01	0.37	0.01	0.03	0.04	-1	-1	-1
S9622167	339660	8700	19700	1	2	1	28	32	1	1	20	4	-1	37	26	59	0.2	11	113	1	2	16	1.9	1	13	2	2	31	5	1	4	1	6	396	0.03	0.01	0.55	0.04	0.03	0.05	-1	-1	-1
S9622168	339661	8700	19750	1	2	1	28	34	1	1	20	3	-1	68	84	112	0.6	13	117	1	9	34	3.67	2	24	2	2	29	1	1	8	3	7	1750	0.24	0.02	1.16	0.04	0.01	0.06	-1	-1	-1
S9622169	339662	8700	19800	1	2	1	28	32	1	1	15	3	-1	26	38	60	0.2	5	81	1	2	13	1.86	3	11	2	5	24	2	1	4	1	7	802	0.04	0.01	0.46	0.02	0.04	0.05	-1	-1	-1
S9622170	339663	8700	19850	1	2	1	28	34	2	1	20	3	-1	63	17	48	0.5	3	206	1	3	24	1.72	3	13	11	2	26	3	1	4	3	8	111	0.03	0.01	0.8	0.02	0.03	0.02	-1	-1	-1
S9622171	339664	8700	19900	1	2	1	18	32	1	1	15	2	-1	23	5	36	0.2	11	67	1	3	14	1.24	3	8	6	2	33	4	7	3	1	5	155	0.03	0.01	0.38	0.02	0.02	0.02	-1	-1	-1
S9622172	339665	8700	19950	1	2	1	28	34	1	1	15	2	-1	47	10	61	0.2	9	68	1	13	35	2.22	3	16	2	9	24	9	1	4	2	6	1683	0.22	0.01	0.68	0.03	0.03	0.03	-1	-1	-1
S9622173	339666	8700	20000	1	2	1	18	34	1	1	15	2	-1	60	15	75	0.4	12	97	1	10	38	2.18	3	16	7	2	17	4	1	5	4	12	1168	0.21	0.01	0.62	0.03	0.01	0.03	-1	-1	-1
S9622174	339667	8700	20050	1	2	1	28	34	1	1	15	2	-1	8	2	10	0.2	7	67	1	1	1	0.33	1	5	2	6	10	1	1	6	1	2	51	0.04	0.01	0.44	0.08	0.04	0.02	-1	-1	-1
S9622175	339668	8700	20100	1	5	1	18	32	2	1	15	2	-1	18	4	29	0.2	4	256	1	2	9	0.62	1	8	2	14	11	4	1	17	4	5	528	0.07	0.01	0.52	0.35	0.04	0.04	-1	-1	-1
S9622176	339669	8800	20100	1	5	1	28	32	1	1	15	2	-1	28	12	49	0.2	4	369	1	3	19	1.57	4	14	2	2	24	1	1	15	6	8	1114	0.06	0.01	0.53	0.12	0.01	0.03	-1	-1	-1
S9622177	339670	8800	20050	1	5	1	38	34	2	1	15	2	-1	67	29	68	0.2	13	214	1	22	22	4.48	6	32	2	2	32	1	1	9	3	8	10491	0.1	0.01	1.45	0.05	0.03	0.03	-1	-1	-1
S9622178	339671	8800	20000	1	5	1	18	34	2	1	20	2	-1	37	19	68	0.2	14	199	1	6	25	1.98	4	18	2	10	20	6	1	11	6	9	667	0.21	0.01	0.75	0.07	0.04	0.03	-1	-1	-1
S9622179	339672	8800	19950	1	5	1	18	32	1	1	20	2	-1	30	9	63	0.6	18	139	1	3	18	1.59	1	15	7	2	15	1	1	8	5	7	390	0.16	0.01	0.83	0.04	0.01	0.03	-1	-1	-1
S9622180	339673	8800	19900	1	5	1	18	34	2	1	20	2	-1	6	2	7	0.2	1	60	1	1	3	0.23	1	4	2	2	3	2	2	3	1	1	81	0.01	0.01	0.14	0.02	0.03	0.02	-1	-1	-1
S9622181	339674	8800	19850	1	2	1	18	32	1	1	20	2	-1	18	7	18	0.2	1	108	1	1	7	0.64	1	7	2	5	7	1	1	5	3	2	264	0.04	0.01	0.42	0.03	0.03	0.02	-1	-1	-1
S9622182	339675	8800	19800	1	2	1	18	34	1	1	20	2	-1	35	20	53	0.2	16	165	1	2	17	1.75	3	15	2	5	15	6	1	14	7	10	183	0.18	0.01	0.69	0.04	0.03	0.03	-1	-1	-1
S9622183	339676	8800	19750	1	2	1	28	34	2	2	20	2	-1	29	15	43	0.2	9	235	1	9	15	1.38	1	12	2	6	11	7	1	13	3	6	3806	0.1	0.01	0.56	0.05	0.04	0.03	-1	-1	-1
S9622184	339677	8800	19650	1	2	1	18	34	1	1	20	2	-1	79	24	136	0.5	2	219	1	12	45	3.44	3	35	2	2	40	1	1	8	9	11	1313	0.43	0.01	1.4	0.05	0.03	0.04	-1	-1	-1
S9622185	339678	8800	19600	1	2	1	18	32	1	1	20	2	-1	60	30	105	0.2	35	234	1	7	31	3.28	3	34	6	7	45	3	1	10	5	9	876	0.38	0.01	1.45	0.04	0.03	0.05	-1	-1	-1
S9622186	339679	8800	19550	1	3	1	18	32	1	1	20	2	-1	30	14	43	0.2	19	79	1	5	18	1.22	3	13	2	2	16	4	1	5	2	4	723	0.13	0.01	0.61	0.03	0.04	0.04	-1	-1	-1
S9622187	339680	8800	19500	1	2	1	28	34	1	1	20	3	-1	49	10	70	0.2	22	124	1	9	31	2.14	3	23	2	18	24	2	1	8	4	8	1197	0.33	0.01	0.9	0.06	0.03	0.02	-1	-1	-1
S9622188	339681	8800	19450	1	2	1	18	34	2	1	15	3	-1	52	12	85	0.5	2	265	1	11	34	2.15	4	24	10	2	23	6	1	9	7	11	1995	0.33	0.01	1.02	0.08	0.03	0.05	-1	-1	-1
S9622189	339682	8800	19400	1	2	1	28	34	2	1	20	3	-1	37	12	61	0.4	12	162	1	7	25	1.72	3	20	2	6	19	8	3	5	4	9	1052	0.27	0.01	0.8	0.04	0.02	0.03	-1	-1	-1
S9622190	339683	8800	19350	1	3	1	28	32	1	1	10	4	-1	45	10	61	0.2	3	150	1	9	32	1.88	1	22	7	6	21	1	1	8	6	12	1202	0.32	0.01	0.78	0.08	0.01	0.03	-1	-1	-1
S9622191	339684	8800	19300	1	2	1	28	34	1	1	20	3	-1	64	12	68	0.2	6	128	1	10	33	2.16	6	25	2	12	22	2	1	6	8	16	1114	0.33	0.01	0.9	0.05	0.01	0.03	-1	-1	-1
S9622192	339685	8900	19300	1	2	1	28	34	1	1	15	2	-1	26	2	41	0.2	1	44	1	3	17	1.3	3	14	2	2	18	1	1	6	2	8	211	0.15	0.01	0.56	0.05	0.01	0.01	-1	-1	-1
S9622193	339686	8900	19350	1																																							

WOLBOOT

S9622311	338735	8800	0	1	6	3G 54	3	2	-1	2	B 96	20	428	1.5	11	688	7	14	132	4.49	44	35	2	2	42	1	1	96	16	8	3803	0.28	0.01	0.88	0.6	0.04	0.03	-1	-1	-1	
S9622312	338736	8800	0	1	6	3G 54	2	3	-1	2	B 87	20	217	2	21	930	8	4	48	1.43	4	33	2	9	22	1	1	90	14	12	588	0.32	0.01	0.91	0.34	0.03	0.04	-1	-1	-1	
S9622313	338737	8800	0	1	6	3G 54	3	3	-1	1	B 96	17	485	1.1	10	642	8	12	105	2.06	6	33	2	2	26	1	1	87	28	12	1544	0.36	0.01	0.92	0.36	0.03	0.03	-1	-1	-1	
S9622314	338738	8800	0	1	6	3G 5	2	3	-1	2	B 113	18	356	1.5	28	713	5	33	95	3.13	9	33	2	2	38	1	1	66	32	13	3338	0.29	0.01	0.95	0.33	0.03	0.03	-1	-1	-1	
S9622315	338739	8800	0	1	6	2B 43	2	3	-1	2	B 41	13	350	0.9	18	212	1	10	65	2.45	6	32	2	2	32	1	1	33	12	17	666	0.64	0.04	0.03	0.37	0.01	0.09	-1	-1	-1	
S9622316	338740	8800	0	1	6	3B 54	2	2	-1	2	B 42	18	307	1.2	12	346	2	16	53	3.22	3	31	2	2	33	1	1	55	10	11	1462	0.44	0.02	0.95	0.37	0.03	0.07	-1	-1	-1	
S9622317	338741	8800	0	1	6	3B 45	2	3	-1	2	B 74	15	435	1.4	3	486	3	18	100	3.48	6	33	2	2	33	1	1	64	21	15	1704	0.48	0.02	0.97	0.45	0.03	0.08	-1	-1	-1	
S9622318	338742	8800	0	1	6	3B 45	2	2	-1	1	B 85	21	344	0.7	18	626	3	7	68	2.95	6	38	2	8	37	6	1	63	21	17	143	0.52	0.01	1.32	0.27	0.04	0.07	-1	-1	-1	
S9622319	338743	8800	0	1	6	3B 54	2	2	-1	1	B 47	13	341	1.1	12	307	1	12	60	3.73	1	41	2	9	37	4	1	34	13	16	1226	0.61	0.02	1.4	0.25	0.01	0.08	-1	-1	-1	
S9622320	338744	8800	0	1	6	BG 54	2	2	-1	1	B 14	6	55	0.5	6	109	1	3	19	1.39	1	16	2	2	16	1	1	9	5	9	165	0.26	0.01	0.76	0.1	0.01	0.03	-1	-1	-1	
S9622321	338745	8800	0	1	6	2B 35	1	2	-1	1	B 20	10	74	0.6	11	92	1	7	33	2.3	1	35	2	2	36	1	1	14	7	13	309	0.74	0.04	1.18	0.26	0.01	0.08	-1	-1	-1	
S9622322	338746	8800	0	1	6	2B 42	1	2	-1	2	B 17	13	82	0.6	13	64	1	6	32	2.29	1	33	2	2	34	4	1	11	6	9	284	0.65	0.05	1.14	0.21	0.01	0.09	-1	-1	-1	
S9622533	339692	8800	19850	1	2	1	2B 34	1	1	20	-1	54	17	83	0.5	7	90	1	12	29	2.53	6	23	2	2	30	1	7	7	5	13	971	0.28	0.01	0.99	0.06	0.03	0.03	-1	-1	-1
S9622534	339693	8800	19750	1	2	1	2B 34	1	1	20	-1	100	19	227	0.2	27	1482	1	27	108	3.3	8	15	2	2	21	1	7	78	12	21	19171	0.14	0.01	0.63	0.03	0.01	0.04	-1	-1	-1
S9622535	339694	8800	19800	1	2	1	2B 35	1	1	20	-1	32	11	37	0.2	2	171	1	2	18	1.22	3	11	2	14	13	1	8	9	9	12	147	0.13	0.01	0.63	0.09	0.03	0.02	-1	-1	-1
S9622536	339695	8800	19850	1	2	1	2B 34	1	1	20	-1	67	16	81	0.5	15	149	1	5	32	2.72	3	26	2	13	29	1	8	10	10	13	660	0.24	0.01	1.05	0.04	0.03	0.04	-1	-1	-1
S9622537	339696	8800	19900	1	2	1	1B 35	2	1	20	-1	34	14	61	0.2	7	95	1	4	23	1.72	2	17	2	6	19	7	10	6	12	346	0.19	0.01	0.69	0.07	0.01	0.02	-1	-1	-1	
S9622538	339697	8800	19950	1	2	1	1B 35	2	1	25	-1	49	12	72	0.4	8	172	1	6	28	2.55	3	31	2	2	37	3	5	7	5	11	430	0.37	0.01	1.21	0.04	0.01	0.04	-1	-1	-1
S9622539	339698	8800	20000	1	2	1	2B 32	1	1	15	-1	60	18	80	0.2	9	144	1	11	37	2.66	4	26	2	2	32	1	10	7	8	19	1409	0.41	0.03	1.1	0.06	0.01	0.05	-1	-1	-1
S9622540	339699	8800	20050	1	2	1	2B 32	2	1	10	-1	13	8	26	0.2	1	79	1	2	9	1.13	2	18	2	2	35	1	6	4	2	13	109	0.08	0.01	0.61	0.04	0.03	0.04	-1	-1	-1
S9622541	339700	8800	20100	1	2	1	2B 32	1	1	15	-1	8	4	7	0.2	2	69	1	1	2	0.35	1	7	2	2	10	1	1	3	2	11	39	0.03	0.01	0.6	0.01	0.03	0.03	-1	-1	-1
S9622542	339701	9000	20100	1	2	1	2B 32	1	1	20	-1	72	26	73	0.6	67	133	1	13	29	2.76	7	28	1	2	36	1	1	7	7	26	533	0.32	0.02	1.14	0.07	0.01	0.06	-1	-1	-1
S9622543	339702	9000	20050	1	2	1	2B 32	1	1	15	-1	18	11	25	0.4	3	114	1	2	11	1.17	4	21	2	2	29	2	1	5	6	14	120	0.17	0.03	0.84	0.06	0.01	0.05	-1	-1	-1
S9622544	339703	9000	20000	1	2	1	BR 32	1	1	20	-1	31	7	65	0.2	27	88	1	7	23	2.03	1	26	2	2	31	2	1	7	5	17	637	0.35	0.06	0.89	0.1	0.01	0.04	-1	-1	-1
S9622545	339704	9000	19950	1	2	1	2B 34	1	1	20	-1	24	10	51	0.2	6	81	1	5	22	1.61	4	21	14	2	22	5	3	8	5	18	269	0.29	0.03	0.83	0.09	0.01	0.05	-1	-1	-1
S9622546	339705	9000	19900	1	2	1	2B 34	1	1	20	-1	53	8	45	0.2	9	66	1	5	17	1.83	5	18	6	2	29	3	1	5	4	18	407	0.17	0.02	0.77	0.05	0.01	0.03	-1	-1	-1
S9622547	339706	9000	19850	1	2	1	2B 32	1	1	15	-1	23	11	65	0.2	8	96	1	8	29	2.07	5	21	2	2	21	8	1	4	7	24	726	0.28	0.02	0.95	0.04	0.01	0.04	-1	-1	-1
S9622548	339707	9000	18800	1	2	1	2B 34	1	1	20	-1	16	9	29	0.2	2	67	1	2	12	1.18	3	14	5	2	39	1	3	4	3	15	156	0.05	0.02	0.43	0.04	0.01	0.02	-1	-1	-1
S9622549	339708	9000	19750	1	2	1	3B 32	1	1	20	-1	68	20	109	0.2	20	242	1	18	45	3.78	3	42	8	9	57	1	1	10	7	16	2249	0.44	0.03	1.7	0.07	0.01	0.08	-1	-1	-1
S9622550	339709	9000	19650	1	2	1	1B 45	2	1	20	-1	42	10	69	0.4	13	157	1	9	27	2.24	7	28	2	2	31	1	1	6	5	18	1030	0.37	0.02	1.27	0.06	0.01	0.06	-1	-1	-1
S9622551	339710	9000	19600	1	2	1	1B 34	2	1	20	-1	19	5	26	0.2	12	109	1	4	9	0.98	1	12	10	2	17	1	3	4	3	10	415	0.13	0.01	0.63	0.04	0.03	0.03	-1	-1	-1
S9622552	339711	9000	19550	1	2	1	2B 34	1	1	20	-1	37	11	65	0.2	1	106	1	6	29	1.97	2	24	11	7	29	7	1	10	5	18	690	0.29	0.03	0.89	0.15	0.01	0.05	-1	-1	-1
S9622553	339712	9000	19500	1	2	1	2B 34	1	1	25	-1	72	11	77	0.2	7	106	1	11	49	2.3	3	31	5	2	27	3	1	9	6	20	1165	0.39	0.04	0.94	0.18	0.01	0.03	-1	-1	-1
S9622554	339713	9000	19450	1	3	1	1B 12	1	1	10	-1	48	9	64	0.2	4	201	1	7	30	2.3	2	39	2	2	32	1	1	8	7	17	913	0.34	0.02	1.08	0.12	0.01	0.08	-1	-1	-1
S9622630	339369	MW35	0	2	1	2	GB 24	1	1	10	-1	115	23	139	0.7	32	489	1	16	62	3.34	6	27	2	6	39	2	1	25	12	16	2454	0.29	0.01	0.83	0.22	0.04	0.05	-1	-1	-1
S9622631	339370	MW35	150	2	1	2	GB 23	1	1	5	-1	115	16	142	0.7	30	607	1	16	66	2.98	6	22	2	2	35	1	1	34	13	14	2160	0.22	0.01	0.59	0.47	0.04	0.06	-1	-1	-1
S9622632	339371	MW35	300	2	1	1	BG 24	1	1	15	1	84	27	191	0.5	40	626	1	10	47	2.95	7	13	2	2	18	1	1	37	21	15	953	0.13	0.01	0.61	0.33	0.04	0.09	-1	-1	-1
S9622633	339372	MW35	450	2	1	1	BG 23	1	1	15	1	121	36	247	0.7	35	644	1	13	55	3.47	5	22	2	2	36	1	1	41	16	13	1183	0.32	0.01	0.92	0.37	0.03	0.09	-1	-1	-1
S9622634	339373	MW35	600	2	1	1	2G 23	1	1	15	1	110	30	227	0.8	25	475	2	11	54	3.1	4	18	12	2	27	1	1	51	17	14	1105	0.29	0.01	0.7	0.59	0.01	0.13	-1	-1	-1
S9622635	339374	SIDECRK	0	0	2	1	1	2G 4	3	0	10	1	68	91	162	1.6	66	588																							

Page 20

Page 20

WOLBOOT

S9610614	325537	18100	15550	1	5	3B 45	2	2	20	2	B2 37	4	86	1.4	8	181	1	1	20	1.55	1	32	2	2	15	1	1	49	16	31	104	0.51	0.01	1.51	0.76	0.02	0.09	5	10	981
S9610615	325538	18100	15500	1	5	3B 45	2	2	20	2	B2 67	29	167	0.2	24	164	1	8	37	4.17	3	40	2	2	89	1	1	38	5	21	170	0.85	0.05	1.37	0.19	0.01	0.33	5	10	1376
S9610616	325539	18100	15550	1	5	3B 45	2	2	20	2	B2 18	6	63	0.2	1	132	1	1	10	1.26	1	41	2	2	17	1	1	21	1	10	147	0.2	0.01	0.65	0.31	0.01	0.16	5	10	1487
S9610617	325540	18100	15700	1	5	2B 24	1	2	15	2	B2 56	17	121	0.2	47	86	1	11	34	4.21	2	56	2	9	37	1	1	12	2	12	251	0.71	0.03	1.28	0.06	0.01	0.31	5	10	1287
S9610618	325541	18100	15760	1	5	2B 24	1	2	20	2	B2 16	13	41	0.2	21	41	1	3	10	1.26	2	39	2	2	28	1	1	4	1	13	67	0.05	0.01	0.6	0.01	0.01	0.08	5	10	1245
S9610619	325542	18100	15850	1	5	0 24	1	2	20	2	B2 31	37	99	0.4	445	239	1	6	16	3.92	4	61	2	2	39	1	1	33	11	39	727	0.31	0.01	1.54	0.15	0.01	0.21	5	10	1277
S9610620	325543	18100	15900	1	5	2G 23	1	2	20	2	B2 4	12	21	0.2	93	72	1	1	3	1.04	1	44	2	2	10	1	1	24	1	23	53	0.12	0.01	0.54	0.03	0.01	0.12	5	10	1175
S9610621	325544	18100	15950	1	5	BY 23	1	2	20	2	B2 9	14	75	0.2	127	83	1	4	9	2.21	2	52	2	7	12	1	1	18	4	19	561	0.29	0.01	0.68	0.2	0.01	0.19	5	10	1119
S9610622	325545	18100	16000	1	5	2G 24	1	2	20	2	B2 13	24	126	0.2	97	97	1	3	12	2	1	41	2	6	16	1	1	26	8	27	243	0.29	0.02	0.81	0.28	0.01	0.14	5	10	1226
S9610623	325546	18100	16050	1	5	2G 24	1	2	20	2	B2 13	12	87	0.2	61	87	1	6	13	1.74	2	44	2	2	21	1	1	16	3	19	246	0.3	0.02	0.9	0.16	0.01	0.14	5	10	1179
S9610624	325547	18100	16100	1	5	3B 45	2	2	15	1	B2 7	7	18	1.1	19	115	1	1	3	0.58	1	32	2	2	11	1	1	29	5	13	80	0.09	0.01	0.92	0.36	0.02	0.09	5	10	1750
S9610625	325548	18100	16150	1	5	2G 25	1	2	15	1	B2 25	14	99	0.4	39	211	1	6	24	2.34	2	53	2	2	31	1	1	25	7	24	285	0.41	0.02	1.24	0.26	0.01	0.16	5	10	1346
S9610626	325551	15700	15800	1	5	3B 45	2	2	25	2	B1 27	31	107	0.9	38	343	2	4	20	1.21	2	36	2	2	21	1	1	86	17	26	312	0.42	0.02	0.78	1.63	0.01	0.18	5	10	-1
S9610627	325552	15700	15700	1	5	2G 24	1	2	15	2	B2 12	6	36	0.2	9	219	1	2	9	1	1	37	2	2	20	1	1	48	5	12	313	0.26	0.02	0.7	0.85	0.01	0.12	5	10	1994
S9610628	325553	15700	15850	1	5	2G 25	1	2	15	2	B2 22	25	91	0.4	22	205	1	9	20	2.05	2	44	2	6	47	1	1	24	5	18	431	0.58	0.06	1.04	0.43	0.01	0.16	5	10	2634
S9610629	325554	15700	15800	1	5	3B 45	2	2	20	2	B2 19	8	60	0.2	8	177	1	5	21	1.78	1	37	2	2	38	1	1	23	7	22	214	0.51	0.06	0.88	0.42	0.01	0.13	5	10	1362
S9610630	325555	15700	15750	1	5	3B 45	2	2	20	2	B2 6	2	5	0.2	8	89	1	1	2	0.18	1	27	2	2	4	1	1	41	1	1	24	0.08	0.01	0.18	0.82	0.03	0.07	5	10	1007
S9610631	325556	15700	15850	1	5	2G 25	1	2	15	2	B2 40	19	122	0.2	18	185	1	9	31	2.29	3	61	2	2	52	1	1	28	6	16	323	0.09	0.09	1.16	0.55	0.01	0.31	5	10	2050
S9610632	325557	15700	15900	1	5	3B 45	2	2	20	2	B2 29	19	90	0.7	15	244	1	7	25	1.98	3	49	2	2	35	1	1	31	4	13	358	0.47	0.03	0.97	0.55	0.01	0.17	5	10	1860
S9610633	325558	15700	15950	1	5	3B 45	2	2	20	2	B2 29	6	79	0.2	14	238	1	3	16	1.01	1	34	2	2	11	1	1	92	3	6	782	0.28	0.01	0.57	1.71	0.01	0.1	5	10	1202
S9610634	325559	15700	16000	1	5	3B 45	2	2	20	2	B2 36	10	170	0.4	12	217	1	7	26	2.2	1	33	2	2	23	1	1	87	7	16	445	0.51	0.01	1.02	1.25	0.01	0.1	5	10	1481
S9610635	325560	15700	16050	1	5	3G 25	2	2	20	2	B2 26	20	127	0.6	12	283	1	9	24	2.17	1	45	2	7	30	1	1	35	6	16	390	0.49	0.02	1.3	0.49	0.01	0.17	5	10	1702
S9610636	325561	15700	16100	1	5	2G 25	2	2	20	2	B2 42	22	159	0.7	13	306	1	10	30	2.23	2	37	2	2	30	1	1	34	10	18	753	0.46	0.02	1.03	0.51	0.01	0.12	5	10	1712
S9610637	325562	15700	16150	1	5	2B 45	2	2	20	1	B2 25	2	32	1.2	7	242	1	6	12	0.7	1	31	2	2	8	1	1	18	6	8	2045	0.06	0.01	0.34	0.19	0.02	0.08	5	10	-1
S9610638	325563	15700	16200	1	5	2G 25	2	2	20	2	B2 14	5	60	1.1	10	201	1	1	9	0.83	1	30	2	2	14	1	1	25	2	9	105	0.21	0.01	0.61	0.27	0.01	0.15	5	10	2445
S9610639	325564	15700	16250	1	5	2B 45	1	2	20	2	B2 17	17	47	0.2	14	162	1	2	10	1.66	1	47	2	2	26	1	1	8	1	14	117	0.2	0.04	0.85	0.06	0.01	0.1	5	10	1768
S9610640	325565	15700	16300	1	5	3B 24	2	2	20	2	B2 35	9	100	0.2	19	250	1	10	26	2.21	3	37	2	2	52	1	1	44	7	14	1075	0.21	0.01	0.57	0.62	0.01	0.09	5	10	1758
S9610641	325566	15650	15800	1	5	2G 25	1	2	20	2	B2 35	18	130	0.2	19	278	1	10	27	2.38	3	45	2	2	53	1	1	28	4	15	530	0.52	0.03	1.15	0.43	0.01	0.22	5	10	1928
S9610642	325567	15600	15800	1	5	2G 25	1	2	20	2	B2 17	11	91	0.2	9	158	1	4	12	1.65	2	38	2	2	34	1	1	15	1	8	372	0.31	0.06	0.69	0.14	0.01	0.24	5	10	-1
S9610643	325568	15550	15800	1	5	2G 23	1	1	20	2	B2 26	11	148	0.2	16	233	1	8	26	1.81	1	46	2	2	32	1	1	17	4	14	364	0.49	0.07	0.82	0.28	0.01	0.13	5	10	1733
S9610644	325569	15500	15750	1	5	BY 24	1	2	20	2	B2 24	10	88	0.2	13	251	1	7	20	1.53	1	39	2	2	25	1	1	51	6	13	513	0.44	0.03	0.88	0.98	0.01	0.17	5	10	2159
S9610645	325570	15500	15700	1	5	3B 45	2	2	20	2	B2 24	10	88	0.2	13	251	1	7	20	1.53	1	39	2	2	25	1	1	40	10	19	619	0.41	0.03	0.94	0.79	0.01	0.18	5	10	1349
S9610646	325571	15500	15650	1	5	3G 45	2	2	20	2	B2 28	13	86	0.4	17	270	1	7	19	1.92	3	46	2	2	34	1	1	24	6	16	462	0.44	0.05	0.89	0.42	0.01	0.12	5	10	1291
S9610647	325572	15500	15600	1	5	3B 45	2	2	20	2	B2 18	17	73	0.2	18	197	1	7	19	1.92	3	46	2	2	34	1	1	24	6	16	462	0.44	0.05	0.89	0.42	0.01	0.12	5	10	1228
S9610648	325573	15500	15800	1	5	3B 45	2	2	20	2	B2 44	18	91	0.7	37	478	2	5	26	1.46	1	39	2	2	25	1	1	83	21	40	130	0.32	0.02	0.88	1.44	0.01	0.13	5	10	1730
S9610649	325574	15500	15850	1	5	3G 46	2	2	20	2	B2 31	20	92	0.6	37	239	1	6	20	1.83	1	41	2	2	32	1	1	33	1	8	194	0.3	0.03	1.16	0.66	0.02	0.15	5	10	1378
S9610650	325575	15500	15900	1	5	2B 45	2	2	20	2	B2 32	11	66	0.4	17	198	1	4	18	1.26	1	35	2	2	21	1	1	68	7	12	564	0.43	0.02	0.74	1.37	0.02	0.1	5	9	-1
S9610651	325576	15500	15950	1	5	3G 46	2	2	20	2	B2 45	20	284	0.2	16	269	2	12	37	2.83	2	39	2	2	38	1	1	46	12	24	713	0.69	0.04	1.34	0.82	0.01	0.2	5	10	1724
S9610652	325577	15500	16000	1	5	3B 45	2	2	20	2	B2 80	56	512	1.1	17	511	8	17	66	2.62	2	35	2	6	32	1	1	84	30	52	2469	0.63	0.02	1.56	1.58	0.02	0.17	5	10	1630
S9610653																																								

WOLBOOT

S9610657	300668	16700	16150	1	1	6	NG	25	1	2	20	1	B2	50	35	252	0.8	59	138	1	8	34	3.77	12	10	2	2	84	1	1	36	4	20	327	0.17	0.01	1.17	0.11	0.01	0.12	5	10	1572
S9610658	300669	16700	16100	1	1	5	GK	25	1	2	15	1	B2	8	14	12	0.4	7	79	1	1	4	0.83	1	26	2	2	17	1	1	4	2	17	29	0.03	0.01	0.69	0.02	0.01	0.08	5	10	1257
S9610659	300670	16700	16050	1	1	5	IG	23	2	2	20	2	B2	36	23	166	1.3	30	332	2	4	23	2.31	3	22	2	2	32	1	1	102	10	24	732	0.65	0.01	1.41	1.9	0.02	0.16	5	10	1155
S9610660	300671	16700	16000	1	1	2	GB	23	2	2	20	2	C	86	40	287	1	45	92	1	3	87	2.88	16	19	2	2	311	1	1	25	4	18	145	0.04	0.01	0.66	0.07	0.01	0.08	5	10	1150
S9610661	300672	16700	15950	1	1	5	BK	34	3	3	20	2	B1	21	11	8	1	9	251	1	1	8	0.57	1	29	2	2	3	1	1	173	7	3	95	0.13	0.01	0.56	0.47	0.01	0.04	5	10	546
S9610662	300673	16700	15900	1	1	2	3G	25	1	3	20	2	B2	123	19	96	1.9	18	250	1	4	40	1.96	1	25	2	2	38	1	1	160	11	23	406	0.57	0.02	1.28	2.7	0.01	0.08	5	10	742
S9610663	300674	16700	15850	1	1	2	3B	36	2	3	25	2	B1	54	19	76	0.9	18	177	1	5	19	1.95	1	24	2	2	19	1	1	70	7	18	226	0.44	0.01	1.12	1	0.01	0.11	6	10	1164
S9610664	300675	16700	15750	1	1	5	KG	25	1	2	25	2	B2	78	23	67	0.8	26	176	1	10	29	2.44	1	23	2	6	23	1	1	69	23	57	383	0.78	0.02	1.39	1.41	0.01	0.14	6	10	2120
S9610665	300676	16700	15700	1	1	2	3G	25	2	3	25	2	B2	25	22	89	0.7	11	174	1	7	19	2.04	1	24	2	2	17	1	1	54	6	20	391	0.48	0.02	1.04	1.02	0.01	0.11	6	10	1876
S9610666	300677	16700	15650	1	1	5	NG	25	1	2	25	2	B2	17	17	124	0.6	12	113	1	8	19	1.93	1	24	2	5	29	1	1	24	3	12	205	0.45	0.03	0.89	0.43	0.01	0.09	6	10	1894
S9610667	300678	16700	15600	1	1	5	NG	24	1	2	15	1	B2	30	28	107	0.6	17	145	1	7	24	2.06	2	25	2	2	47	1	1	30	3	10	239	0.58	0.04	1	0.67	0.01	0.1	6	10	1918
S9610668	300679	16900	15550	1	1	5	3G	25	2	2	25	1	B2	2	11	8	0.4	3	67	1	1	2	0.39	1	28	2	2	8	1	1	3	2	21	29	0.01	0.01	0.52	0.01	0.1	5	10	1516	
S9610669	300680	16900	15500	1	1	5	2G	25	1	2	40	1	B2	38	24	140	0.7	18	243	2	6	28	2.36	2	24	2	6	35	1	1	72	7	22	533	0.82	0.02	1.29	1.37	0.02	0.16	5	10	1632
S9610670	300681	16900	15450	1	1	5	GN	25	1	3	30	1	B2	46	20	116	0.8	19	174	2	12	40	3.27	6	21	2	9	32	1	1	41	9	26	405	0.65	0.03	1.2	0.8	0.01	0.15	5	10	2076
S9610671	300682	16900	15400	1	1	5	3B	34	2	3	20	2	B1	66	10	79	1.3	13	245	2	12	69	3.18	4	21	2	2	17	1	1	112	11	36	1862	0.32	0.01	0.92	1.84	0.02	0.06	5	10	1357
S9610672	300683	16900	15350	1	1	5	2G	25	2	3	20	2	B2	21	7	26	1.5	6	122	1	1	12	1.07	2	27	2	2	14	1	1	45	2	5	86	0.15	0.01	0.63	0.58	0.01	0.08	5	10	1113
S9610673	300684	16850	15300	1	1	5	2G	25	1	3	20	2	B2	39	16	97	0.9	15	215	1	10	27	2.95	2	22	2	2	29	1	1	61	5	20	637	0.5	0.01	1.37	1.08	0.01	0.13	5	10	1633
S9610674	300685	16850	15250	1	1	5	2G	25	1	3	20	2	B2	16	2	25	0.5	6	96	1	1	8	1.05	1	27	2	2	10	1	1	26	3	12	44	0.22	0.01	0.6	0.36	0.02	0.08	5	10	1254
S9610675	300686	16750	15200	1	1	5	2G	25	1	2	15	2	B2	74	16	124	0.7	13	136	1	11	39	2.8	3	22	2	2	21	1	1	37	6	17	189	0.52	0.02	0.98	0.58	0.01	0.12	5	10	1887
S9610676	300687	16650	15150	1	1	5	2G	25	1	2	15	2	B2	22	18	73	0.4	13	94	1	9	21	3.57	2	18	2	2	12	1	1	14	3	15	348	0.64	0.02	0.96	0.25	0.01	0.09	6	10	1616
S9610677	300688	16600	15100	1	1	5	NB	25	1	2	10	2	B2	40	11	41	0.5	8	188	1	6	15	1.99	1	24	2	2	15	1	1	43	4	20	255	0.54	0.01	1.11	0.87	0.01	0.07	6	10	3058
S9610678	300689	16500	15050	1	1	5	3B	4	3	3	20	2	B1	33	17	79	0.5	6	189	1	7	22	2.22	2	23	2	2	18	1	1	33	6	16	324	0.36	0.01	0.95	0.65	0.02	0.1	5	10	1921
S9610679	300690	16450	15000	1	1	5	BG	25	1	2	20	2	B2	42	22	110	1.5	17	131	1	9	34	3.22	3	20	2	2	28	1	1	18	4	15	165	0.67	0.01	1.42	0.25	0.01	0.09	5	10	2234
S9610680	300691	16350	14950	1	1	5	NB	25	1	3	20	3	B2	39	10	83	0.8	11	106	1	7	20	1.67	3	25	2	2	29	1	1	54	6	12	442	0.37	0.03	0.63	1.16	0.01	0.07	5	10	1797
S9610681	300692	16350	14900	1	1	5	2G	25	1	2	15	1	B2	41	30	122	0.4	18	193	1	7	28	2.3	2	24	2	2	37	1	1	20	8	23	207	0.67	0.02	1.25	0.33	0.01	0.11	5	10	2067
S9610682	300693	16500	15850	1	1	5	NB	25	1	2	20	2	B2	42	13	107	0.5	24	131	1	8	34	2.16	3	23	2	2	50	1	1	18	6	15	176	0.57	0.08	1.21	0.33	0.01	0.11	5	10	2148
S9610683	300694	16500	15800	1	1	5	2G	25	1	2	15	3	B2	43	34	118	0.7	33	83	1	4	29	2.83	5	20	2	2	31	1	1	21	4	10	169	0.16	0.01	0.55	0.22	0.01	0.09	5	10	2335
S9610684	300695	16500	15750	1	1	5	GK	25	1	2	20	3	B2	104	24	109	1.4	7	203	1	10	29	3.19	4	18	2	2	29	1	1	46	8	17	555	0.3	0.01	0.96	0.84	0.01	0.09	5	10	1675
S9610685	300696	16500	15700	1	1	5	2G	25	1	3	25	3	B2	98	38	76	1.1	22	368	1	18	71	3.53	2	18	2	2	25	1	1	77	46	158	1222	0.58	0.01	1.9	1.29	0.01	0.11	5	10	1747
S9610686	300697	16500	15650	1	1	5	2G	25	1	3	25	3	B2	33	13	87	0.9	26	186	1	4	21	1.75	1	24	2	2	17	1	1	85	8	15	498	0.36	0.01	1.08	1.37	0.01	0.1	5	10	1350
S9610687	300698	16500	15600	1	1	5	3G	25	1	2	25	3	B2	19	22	92	0.7	23	166	1	7	15	2.47	2	21	2	2	15	1	1	42	6	17	1207	0.34	0.01	0.96	0.65	0.01	0.14	5	10	1436
S9610688	300699	16500	15550	1	1	5	3B	25	1	3	15	2	B2	14	24	219	0.8	40	182	1	4	11	1.9	1	22	2	2	12	1	1	58	13	31	777	0.2	0.01	0.91	0.82	0.01	0.14	5	10	1342
S9610689	300700	16500	15500	1	1	5	3B	25	1	3	15	2	B2	8	45	48	0.2	9	105	1	1	3	0.82	1	26	2	2	9	1	1	9	3	20	72	0.02	0.01	0.43	0.07	0.01	0.1	5	10	1132
S9610690	300701	16500	15450	1	1	5	IG	23	2	2	15	2	B2	2	8	44	0.2	10	84	1	1	1	0.61	1	28	2	2	8	1	1	5	2	15	48	0.05	0.01	0.47	0.08	0.01	0.07	5	10	1337
S9610691	300702	16500	15400	1	1	5	2G	25	1	2	15	2	B2	20	15	96	0.6	31	129	1	5	16	2.33	3	21	2	2	49	1	1	30	5	23	132	0.04	0.01	0.37	0.03	0.01	0.09	5	10	1470
S9610692	300703	16500	16200	1	1	5	3G	25	1	2	15	1	B2	32	27	103	0.9	25	81	1	4	24	2.03	5	21	2	2	41	1	1	17	2	14	191	0.21	0.01	0.88	0.16	0.01	0.09	5	10	1358
S9610693	300704	16500	16250	1	1	5	3G	25	1	2	15	1	B2	20	8	100	0.7	15	93	1	4	18	1.48	1	15	2	2	20	1	1	17	4	30	221	0.34	0.03	0.87	0.2	0.01	0.16	6	10	1631
S9611244	326030	17500	15850	1	1	5	2G	42	1	2	10	2	B1	6	4	68	0.4	14																									

WOLBOOT

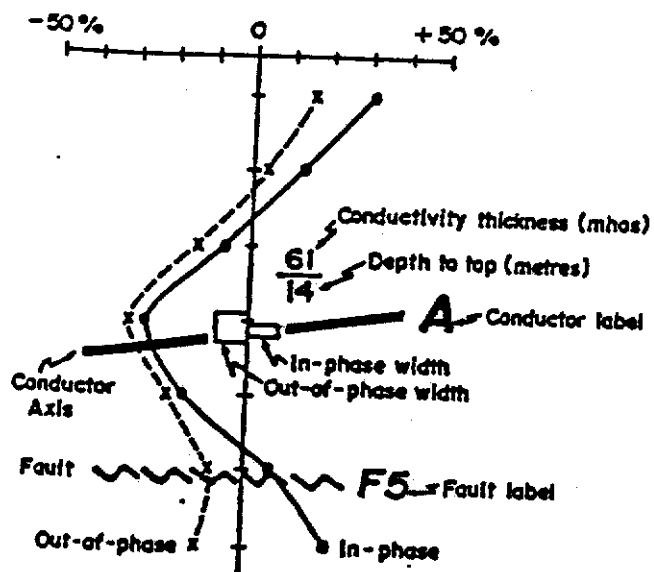
59611279	326067	17000	15800	1	5	3G 6	2	2	16	2	B1	44	17	99	0.7	26	367	1	10	43	2.41	3	40	2	2	39	1	1	53	5	19	881	0.72	0.06	1.51	0.79	0.02	0.18	5	10	2133
59611280	326068	16950	15800	1	5	K 64	3	2	26	2	Bp	50	8	32	0.8	14	116	1	1	27	0.66	1	6	2	2	6	1	1	162	2	8	273	0.19	0.01	0.74	2.77	0.02	0.08	5	10	613
59611281	326069	17100	15850	1	5	3G 62	1	2	20	2	B2	41	46	133	0.8	142	327	1	7	36	3.68	4	31	2	2	39	1	1	79	20	40	1239	0.64	0.02	2.04	1.16	0.02	0.23	5	10	1642
59611282	326070	17100	15900	1	5	K 45	3	2	26	3	B1	21	31	36	0.8	63	229	1	6	12	1.66	2	10	2	2	17	1	1	116	14	42	2459	0.26	0.01	1.09	1.91	0.02	0.14	5	10	877
59611283	326071	17100	15850	1	5	KB 62	3	2	20	3	B1	28	16	23	1.2	8	196	1	1	14	1.21	1	4	2	2	5	1	1	107	10	35	1336	0.24	0.01	0.78	2	0.02	0.1	5	10	793
59611284	326072	17100	16000	1	5	3G 6	2	2	25	3	B2	21	4	49	0.8	22	143	1	10	21	2.42	1	8	2	2	7	1	1	29	3	27	461	0.2	0.01	0.52	0.42	0.01	0.15	5	10	1790
59611285	326073	17100	16050	1	5	2G 62	1	2	15	2	B2	30	19	239	0.8	21	78	1	14	78	3.37	6	8	2	2	16	1	1	4	2	19	366	0.04	0.01	0.61	0.03	0.01	0.12	5	10	1617
59611286	326074	17100	16100	1	5	2G 52	1	2	15	1	B2	33	28	146	3.2	37	117	1	1	18	2.11	8	17	2	2	102	1	1	55	2	24	85	0.11	0.01	1.03	0.09	0.01	0.14	5	10	1292
59611287	326075	17100	16150	1	5	3G 62	1	2	15	2	B2	9	18	31	1.4	11	143	1	1	6	1.6	2	11	2	2	34	1	1	33	1	24	37	0.04	0.01	0.54	0.02	0.01	0.13	5	10	3557
59611288	326076	17100	16200	1	5	3G 52	1	2	15	2	B2	23	23	67	2.2	7	109	1	1	12	2.41	2	14	2	2	37	1	1	15	2	22	95	0.21	0.02	0.98	0.03	0.01	0.14	5	10	1695
59611289	326077	17100	16250	1	5	2G 62	1	2	15	2	B2	23	149	75	3.1	3	205	1	1	11	1.91	3	13	2	2	28	1	1	80	2	28	59	0.1	0.01	0.51	0.07	0.01	0.16	5	10	4692
59611290	326078	17100	16750	1	5	GK 54	2	2	15	2	B1	21	13	36	1.2	9	271	1	6	12	1.24	1	12	2	2	12	1	1	83	6	17	1376	0.35	0.01	1.07	1.34	0.03	0.12	5	10	1130
59611291	326079	17100	16700	1	5	3G 53	2	2	25	2	B1	30	19	108	0.8	19	447	1	10	29	2.54	5	24	2	2	36	1	1	61	6	18	2873	0.52	0.03	1.43	0.95	0.02	0.16	5	10	1715
59611292	326084	17100	16500	1	5	3G 54	3	2	30	2	B1	33	11	226	1.5	15	376	6	13	28	1.43	15	11	2	2	36	1	1	61	6	13	2134	0.2	0.01	0.74	1.08	0.02	0.13	5	10	1252
59611583	301336	16300	16200	1	5	NG 54	1	2	25	3	B1	5	6	15	0.2	1	52	1	1	3	0.38	4	2	2	2	7	1	1	6	2	11	14	0.01	0.01	0.48	0.05	0.01	0.01	5	10	1421
59611584	301337	16300	16150	1	5	NG 53	1	2	25	3	B2	1	59	18	0.2	3	32	1	1	2	0.52	3	2	2	2	6	1	1	1	12	26	0.01	0.01	0.47	0.01	0.01	0.02	5	10	1311	
59611585	301338	16300	16100	1	5	1B 32	1	2	20	3	B2	1	45	29	0.2	1	9	1	1	0.51	4	2	2	2	2	4	1	1	1	11	28	0.01	0.01	0.29	0.01	0.01	0.01	5	10	1178	
59611586	301339	16300	16050	1	5	2G 34	3	2	25	2	B2	8	163	64	0.6	12	105	1	1	4	1.04	4	5	2	2	6	1	1	24	3	7	94	0.03	0.01	0.45	0.3	0.01	0.05	5	10	1235
59611587	301340	16300	16000	1	5	2G 43	3	3	30	2	B2	17	42	123	0.2	10	79	1	4	12	1.36	3	5	2	2	6	1	1	44	13	15	318	0.15	0.01	0.62	0.63	0.01	0.07	5	10	1264
59611588	301341	16300	15950	1	5	3B 45	3	3	25	2	B1	16	2	63	1	2	104	1	8	14	1.31	3	9	2	2	13	1	1	29	8	13	437	0.27	0.01	0.56	0.65	0.01	0.03	5	10	2736
59611589	301342	16300	15900	1	5	3B 62	2	2	25	2	B1	138	16	134	0.9	3	149	1	9	42	3.69	6	11	2	2	13	1	1	39	27	33	367	0.19	0.01	0.75	0.65	0.01	0.01	5	10	2554
59611590	301343	16300	15850	1	5	3B 5	2	3	25	2	B1	57	4	104	0.2	18	115	3	4	22	1.3	3	2	8	2	3	1	1	103	15	11	402	0.13	0.01	0.41	2.34	0.01	0.01	5	10	1277
59611591	301344	16300	15800	1	5	3B 45	2	2	25	2	B1	42	6	102	0.5	1	202	2	7	21	1.51	4	6	2	2	9	1	1	128	10	14	1067	0.28	0.01	0.58	2.74	0.01	0.02	5	10	1384
59611592	301345	16300	15750	1	5	2N 35	1	2	20	2	B1	17	9	57	0.2	14	67	1	3	14	1.72	6	18	2	2	31	1	1	6	2	7	85	0.42	0.01	1.06	0.11	0.01	0.02	5	10	1896
59611593	301346	16300	15700	1	5	2B 32	1	2	20	2	B1	18	7	49	0.2	1	54	1	4	17	1.55	3	17	2	2	31	1	1	10	3	6	94	0.52	0.03	0.76	0.23	0.01	0.01	5	10	1973
59611594	301347	16300	15650	1	5	K 4	3	3	30	2	A2	26	2	377	0.2	6	148	32	1	33	0.17	5	2	2	2	5	1	1	127	2	2	64	0.32	0.01	0.25	3.12	0.01	0.02	5	10	310
59611595	301348	16300	15600	1	5	BG 42	2	3	30	2	B2	9	2	22	0.2	2	80	1	1	6	0.41	2	12	8	2	11	1	1	17	1	4	27	0.25	0.01	0.36	0.33	0.01	0.01	5	10	1773
59611596	301349	16250	15800	1	4	3B 45	2	3	20	1	B 33	2	19	0.2	8	155	1	2	13	0.59	2	2	8	2	4	1	1	129	8	8	1052	0.29	0.01	0.53	3.17	0.01	0.01	5	10	737	
59611597	301350	16200	15800	1	5	K 4	3	2	30	2	A2	48	6	47	0.2	9	165	1	3	25	1	2	5	2	2	6	1	1	95	14	8	457	0.12	0.01	0.35	2.52	0.01	0.03	5	10	1448
59611598	301351	16150	15800	1	5	NG 54	2	2	25	3	B1	11	2	42	0.2	6	94	1	1	11	0.78	5	2	2	2	20	1	1	15	1	5	45	0.06	0.01	0.31	0.33	0.01	0.02	5	10	1764
59611599	301352	16100	15800	1	5	NG 53	2	2	35	2	B1	64	8	339	0.2	15	121	1	8	42	2.51	9	17	2	2	48	1	1	69	11	14	312	1.3	0.02	1.4	1.49	0.01	0.03	5	10	2774
59611600	301353	16100	15750	1	5	3B 5	2	2	25	2	B1	57	2	680	0.2	21	181	18	5	41	1.76	5	28	2	2	39	1	1	97	6	7	230	1.18	0.02	1.19	2.49	0.01	0.02	5	10	1762
59611601	301354	16100	15700	1	5	2G 52	2	3	30	2	B2	21	6	107	0.2	4	91	1	5	21	1.32	5	16	2	2	28	1	1	17	6	11	144	0.48	0.02	0.67	0.39	0.01	0.03	5	10	2080
59611602	301355	16100	15650	1	5	BN 32	1	3	20	3	B1	17	7	84	0.2	6	49	1	2	16	1.24	3	14	2	2	34	1	1	15	3	8	87	0.37	0.01	0.57	0.34	0.01	0.03	5	10	1710
59611603	301356	16100	15600	1	2	3B 54	2	2	30	3	B2	63	14	45	0.2	11	170	2	2	26	0.73	4	8	2	2	9	2	1	100	28	13	99	0.3	0.01	0.44	3.1	0.01	0.03	5	10	1120
59611604	301357	16050	15800	1	5	3B 54	2	2	25	2	B1	16	2	70	0.6	6	267	3	4	12	0.71	5	8	6	2	20	1	1	33	6	8	477	0.14	0.01	0.67	0.6	0.01	0.01	5	10	1334
59611605	301358	16000	15800	1	2	BR 43	1	2	20	3	B2	20	6	28	0.2	2	40	1	3	7	2.71	5	10	8	8	47	1	1	2	1	3	38	0.1	0.09	0.62	0.03	0.01	0.01	5	10	2040
59611606	301359	15950	15800	1	2	2N 53	2	2	25	2	B2	54	7	116	0.2	4	286	1	8	43	2.27	8	30	2	2	39	1	1	39	10	14	260	0.83	0.02	1.32	1.17	0.01	0.04	5	10	2118
59611607	301360	15900	15800	1	2	GN 52	1	3	10	2	B2	38	8	124	0.2	6	155	1	8	31	1.84	6	23	7	2	34	1	1	16	12	18										

88611049	338058	18+300	15+700	6	1	5	30	24	1	2	30	2	B2	27	2	48	0.2	8	16	1	4	15	0.92	3	4	7	2	22	1	1	3	2	11	56	0.05	0.01	0.32	0.01	0.01	0.04	5	10	1239
88611050	338057	18+300	15+850	6	1	5	30	42	1	2	10	2	B1	48	15	136	0.6	1	154	1	8	26	2.48	5	20	12	2	41	1	1	55	13	28	113	0.42	0.01	1.26	0.29	0.01	0.07	5	10	1471
88611051	338056	18+300	15+800	6	1	5	30	43	1	2	40	2	B2	31	8	104	0.7	22	125	1	8	28	2.54	2	31	15	2	29	3	1	25	12	20	148	0.93	0.02	1.53	0.56	0.01	0.05	5	10	1811
88611052	338055	18+300	15+600	6	1	5	30	42	1	2	30	2	B2	35	8	136	0.2	19	180	1	7	35	2.11	3	26	10	2	48	1	1	25	13	19	238	0.68	0.01	1.19	0.5	0.01	0.03	5	10	2195
88611053	338051	18+300	15+450	6	1	5	30	32	1	2	30	2	B2	7	9	30	0.2	10	36	1	1	7	0.63	1	11	10	2	22	1	1	3	2	9	20	0.17	0.01	0.66	0.03	0.01	0.02	5	10	1692
88611054	338042	18+300	15+400	6	1	5	30	45	2	2	30	2	B1	60	19	177	0.5	18	267	1	5	41	2.44	9	33	2	2	64	3	1	23	29	41	110	0.97	0.01	1.95	0.49	0.01	0.1	5	10	1803
88611055	338053	18+600	15+400	6	1	5	30	43	2	3	50	2	B1	135	23	1315	0.5	15	316	25	12	125	3.05	31	32	8	2	78	1	1	43	31	41	117	1.12	0.01	1.87	0.98	0.01	0.13	5	10	1725
88611056	338054	18+600	15+450	6	1	5	30	45	1	2	30	-1	B1	37	12	505	0.2	3	450	7	4	48	1.74	10	15	6	2	34	1	1	58	21	28	169	0.36	0.01	1.14	1.13	0.01	0.04	5	10	1892
88611057	338055	18+600	15+500	6	1	5	30	45	1	2	30	2	B1	82	18	563	0.2	24	608	22	9	84	2.98	25	23	2	2	56	1	1	84	49	54	584	0.58	0.01	1.46	1.65	0.01	0.12	5	10	1490
88611058	338056	18+600	15+550	6	2	1	30	24	2	3	10	3	1	54	11	820	0.4	7	245	5	12	89	3.22	10	17	10	2	22	1	1	60	33	50	267	0.87	0.01	1.43	1.18	0.01	0.11	5	10	1474
88611059	338057	18+600	15+600	6	2	1	30	23	1	3	-1	2	1	30	14	130	0.2	1	139	1	12	32	3.32	5	18	6	2	17	4	1	33	19	41	358	1.15	0.02	1.61	0.89	0.01	0.14	5	10	1931
88611060	338058	18+600	15+650	6	1	5	30	42	1	2	60	2	B2	14	4	33	0.5	3	72	2	1	3	0.44	1	2	13	2	3	1	1	46	1	5	57	0.08	0.01	0.43	1.01	0.03	0.03	5	10	987
88611061	338059	18+600	15+700	6	1	5	30	45	2	2	55	2	B1	98	8	77	2.9	21	238	3	4	13	1.4	6	10	12	2	11	1	1	138	41	49	318	0.27	0.01	0.86	2.51	0.03	0.04	-1	-1	521
88611062	338070	18+600	15+750	6	1	5	30	34	1	2	45	2	B2	4	16	22	0.2	33	58	1	1	4	1.26	1	2	10	5	5	1	1	28	4	13	105	0.06	0.01	0.42	0.64	0.01	0.03	5	10	1193
88611063	338071	18+600	15+800	6	1	5	30	32	1	2	30	2	B2	10	11	93	0.2	34	67	1	4	13	1.51	5	9	15	2	11	1	1	18	11	19	211	0.28	0.01	0.62	0.26	0.01	0.07	5	10	1848
88611064	338072	18+600	15+850	6	1	5	30	23	1	2	25	2	B2	3	4	14	0.2	39	27	1	1	1	0.53	1	2	13	2	5	2	1	4	4	20	58	0.03	0.01	0.34	0.04	0.01	0.03	5	10	1172
88611065	338073	18+600	15+900	6	1	5	30	32	1	2	33	2	B2	13	17	211	0.2	569	55	3	6	14	2.72	6	10	5	2	12	2	1	18	9	14	358	0.24	0.01	0.84	0.24	0.01	0.06	5	10	1424
88611066	338074	18+600	15+950	6	1	5	30	25	1	2	30	-1	B2	15	13	112	0.2	34	111	1	5	15	1.84	3	14	11	2	16	1	1	19	9	14	329	0.36	0.01	0.5	0.36	0.01	0.05	5	10	1651
88611067	338075	18+600	16+00	6	1	5	30	43	2	3	40	1	B1	23	10	44	0.2	18	207	3	2	8	0.91	2	10	7	2	9	1	1	42	17	17	183	0.14	0.01	1.06	0.64	0.03	0.03	5	10	990
88611068	338076	18+600	16+50	6	1	5	30	45	1	2	20	1	B2	17	10	44	0.2	1	58	1	5	12	1.94	4	26	17	6	40	1	1	4	2	5	201	0.27	0.12	1.01	0.08	0.01	0.03	5	10	969
88611069	338079	18+300	16+135	6	2	1	30	43	3	3	50	62	1	30	4	332	0.6	46	1012	3	18	7.17	6	17	11	7	16	2	1	48	15	18	576	0.16	0.02	1.01	0.8	1.11	0.02	0.02	5	10	2178
88611070	338081	18+300	16+50	6	1	5	30	42	1	2	30	2	B2	11	12	50	0.2	24	94	1	3	11	2	1	12	2	2	25	1	1	14	3	8	91	0.18	0.03	0.89	0.21	0.01	0.03	5	10	1164
88611071	338082	18+300	16+00	6	1	5	30	42	1	2	35	2	B2	18	11	81	0.2	81	59	1	7	13	1.79	3	10	11	2	16	1	1	21	8	23	332	0.19	0.01	0.59	0.33	0.01	0.05	5	10	1311
88611072	338083	18+300	15+950	6	1	5	30	23	1	2	30	2	B2	5	108	212	0.2	122	52	1	2	5	1.5	2	2	9	2	1	1	1	44	15	18	1118	0.08	0.01	0.37	0.5	0.01	0.04	5	10	989
88611073	338084	18+300	15+900	6	1	5	30	23	1	2	30	2	B2	6	19	133	0.2	87	31	1	4	8	2.58	4	6	2	2	9	1	1	10	4	12	482	0.12	0.01	0.45	0.04	0.01	0.06	5	10	1189
88611074	338085	18+300	15+850	6	1	5	30	23	1	2	30	2	B2	8	8	38	0.2	142	35	1	2	5	1.21	3	2	6	5	7	1	1	19	4	14	122	0.03	0.01	0.32	0.27	0.03	0.05	5	10	1345
88611075	338087	18+400	15+800	6	1	5	30	42	1	2	35	2	B2	12	11	46	0.5	17	67	1	2	11	1.46	3	11	2	7	15	1	1	31	8	17	95	0.25	0.01	0.68	0.55	0.03	0.05	5	10	1232
88611076	338088	18+450	15+800	6	1	5	30	32	1	2	35	2	B2	2	6	13	0.2	16	28	1	1	2	0.49	3	2	11	2	3	1	1	6	3	18	62	0.07	0.01	0.48	0.06	0.01	0.04	5	10	1448
88611077	338089	18+600	15+800	6	1	5	30	42	1	2	40	2	B1	20	12	193	0.2	33	140	2	8	14	1.74	5	10	18	2	12	1	1	59	10	13	683	0.32	0.01	0.91	1.22	0.01	0.07	5	10	1216
88611078	338090	18+600	15+800	6	1	5	30	23	1	1	40	2	B2	19	11	106	0.2	83	106	1	3	8	2.56	4	4	11	2	5	1	1	70	21	29	573	0.19	0.01	0.68	1.41	0.01	0.11	5	10	1164
88611079	338091	18+650	15+800	6	1	5	30	45	2	2	50	2	B1	24	46	198	3.5	398	128	4	6	14	3.22	8	6	2	2	5	1	1	92	101	107	1808	0.1	0.01	1.34	1.6	0.01	0.06	5	10	959
88611080	338092	18+700	15+800	6	2	1	30	24	1	2	30	72	B2	21	14	84	0.2	37	128	1	3	13	1.74	4	6	6	2	9	1	1	19	7	17	183	0.13	0.01	0.64	0.39	0.03	0.03	5	10	1387
88611081	338093	18+700	15+755	6	1	5	30	24	1	3	5	2	B2	39	9	304	0.4	15	167	3	8	38	2.6	6	17	8	2	21	1	1	29	23	32	455	0.78	0.01	1.24	1.22	0.01	0.11	5	10	1421
88611082	338094	18+700	15+700	6	1	5	30	32	1	2	25	2	B1	20	5	181	0.2	1	159	2	8	24	1.82	3	16	8	2	20	1	1	65	10	15	182	0.57	0.01	1.08	1.75	0.01	0.06	5	10	1298
88611083	338095	18+700	15+650	6	1	5	30	34	2	2	35	2	B1	90	19	222	0.4	5	195	8	12	46	2.67	11	24	8	2	23	1	1	59	19	41	270	0.78	0.01	1.59	1.79	0.01	0.08	5	10	1760
88611084	338096	18+700	15+600	6	1	5	30	45	3	3	55	2	B2	50	10	101	0.5	5	201	2	9	25	2.18	10	14	8	2	22	1	1	97	16	65	463	0.39	0.01	0.95	2.55	0.01	0.03	5	10	1069
88611085	338097	18+700	15+500	6	1	5	30	42	1	2	35	2	B1	30	7	102	0.2	7	104	1	3	17	1.04	3	6	13	2	16	1	1	49	9	13	284	0.32	0.01	0.84	1.27	0.02	0.02	5	10	1111

APPENDIX III

HORIZONTAL LOOP EM INTERPRETATION LEGEND

HORIZONTAL LOOP EM INTERPRETATION LEGEND



APPENDIX IV
DIAMOND DRILL HOLE LOGS
CORE GEOCHEMISTRY

Page: 1 of 3

Drill Hole: W096-01

Company:
Easting: 6600 E
Northing: 18075 N
Property Name: WOL PROPERTY

Grid: WO2
Drilled by: LF-70
Core Size: NQ
Completed: August 10, 1996
Date(s) Logged: August 12-13, 1996
NTS: 105 G 1

Purpose: Test coincident WO-2B HLEM conductor and coincident Mag anomaly.

[illegible]

From (m)		To (m)	Type	Geology	Sample	From (m)	To (m)	Log (m)	CU PPM	PB PPM	ZN PPM	AG PPM	BA (4) PPM	AU PPB
.0	42.1	OVB		OVERBURDEN Sand and clay overburden. Rubble at 39.0.										
42.1	124.4	SISA		INTERBANDED/BEDDED SILTSTONE WITH LESSER ARGILLITE Light to medium to dark grey and black, thin to medium interbedded (contorted, folded and sheared) to more fragmental textured (reflecting increased shearing?) mixed unit comprising 40-80%, medium to dark grey, fine-grained, siliceous, non calcareous and non carbonaceous silty mudstone and siltstone intermixed with 20-80% black, locally siliceous but generally soft, moderate to strongly carbonaceous, non calcareous mudstone/silty mudstone. Unit is variably pyritic (3-10% locally). Black, very fine-grained graphite-silica occur locally as rounded (2-12 mms) nodules with white quartz pressure shadows. Light grey quartz occurring as fine disseminations (fragmented veinlets??) and discontinuous, thin folded veinlets throughout. Conductive zones reflect a high proportion of carbonaceous mudstone and are typically more broken with thin fault gouge seams developed. Pyrite occurs as 2-10%, very fine to fine-grained disseminations and laminar disseminations in the carbonaceous mudstone and silty mudstone/siltstone lithologies. Thin banded (up to 1.5 cms), silica-rich interbeds with heavy (15-40%), very fine to fine-grained disseminations are locally present. Pyrite also occurs as 20-40% very fine to fine-grained fractured blebs in quartz-pyrite veinlets and veins, up to 2 cms, and as fragmented, sheared and elongate quartz-pyrite blebs oriented parallel to S2 foliation. These pyrite-bearing quartz veins are variably sheared and fragmented suggesting a syn to late deformational timing of vein formation. Nodular pyrite is not common. No pyrhotite was observed. 42.1 47.8 Thin interbedded interval of siltstone, silty mudstone and minor black, carbonaceous mudstone. 44.2 S2 foliation at 68 to core axis. 46.5 S2 foliation at 76 to core axis. 47.8 49.9 Strongly fragmented interval comprising dark grey silty mudstone and black carbonaceous mudstone. 48.6 49.0 Increased proportion of carbonaceous mudstone reflected in the broken nature of the core and poor core recovery. 49.4 49.9 More carbonaceous mudstone dominant interval with poor core recovery; broken interval. 49.4 S2 foliation at 74 to core axis. 49.9 54.7 Thin bedded to fragmented/sheared, more siliceous interval of medium to dark grey silty mudstone and siltstone with minor interlaminated carbonaceous mudstone. Minor pyritic laminations first appear at 51.2. 51.0 S2 foliation at 72 to core axis. 54.2 S2 foliation at 78 to core axis. 54.7 55.1 Poor core recovery. 55.1 64.3 Similar to above 49.9-54.7 interval. 55.1 56.0 Several pyritic laminations present throughout. 56.2 S2 foliation at 78 to core axis. 59.2 S2 foliation at 73 to core axis. 62.0 S2 foliation at 75 to core axis. 64.3 67.2 Broken interval with poor core recovery reflecting a higher proportion of carbonaceous mudstone. Larger pieces of core are	16422	44.9	45.0	.1	234.0	9	31	.6	579	<10
					16423	47.5	47.6	.1	146.0	15	591	.7	399	<10
					16424	50.8	50.9	.1	122.0	20	1005	.8	327	<10
					16425	53.6	53.7	.1	129.0	7	41	.4	327	<10
					16426	55.7	55.8	.1	171.0	54	21	2.3	444	<10
					16427	59.0	59.1	.1	101.0	15	10	1.7	542	<10
					16428	62.0	62.1	.1	176.0	27	17	1.7	507	<10
					16429	64.5	64.6	.1	100.0	4	11	.8	408	<10
					16430	67.8	67.9	.1	145.0	29	14	1.7	517	<10
					16431	70.7	70.8	.1	91.0	11	6	1.5	537	<10
					16432	73.0	73.1	.1	106.0	17	18	1.4	820	<10
					16433	75.6	75.7	.1	166.0	40	16	1.5	954	<10
					16434	78.8	78.9	.1	152.0	20	32	2.0	800	<10
					16435	80.6	80.7	.1	159.0	15	24	1.3	889	<10
					16436	83.6	83.7	.1	124.0	21	22	1.4	727	<10
					16437	87.0	87.1	.1	180.0	19	312	1.5	967	<10
					16438	92.1	92.2	.1	136.0	24	378	1.9	932	<10
					16439	96.3	96.4	.1	128.0	16	541	2.7	1025	<10
					16440	100.5	100.6	.1	165.0	32	50	3.9	700	<10
					16441	104.5	104.6	.1	90.0	20	134	.8	1048	<10
					16442	108.5	108.6	.1	229.0	14	92	4.0	672	<10
					16443	111.5	111.6	.1	98.0	24	85	1.1	923	<10
					16444	115.5	115.6	.1	183.0	26	87	2.3	1925	<10
					16445	119.5	119.6	.1	143.0	17	282	1.3	1918	<10
					16446	123.5	123.6	.1	206.0	17	304	1.8	2151	<10

[illegible]

DDH WO96-01		V960573R																													
LAB NO	DRILL INTER		Cu	Pb	Zn	Ag	As	Ba(4)	Cd	Co	NI	Fe	Mo	Cr	BI	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	Au	
	From	To	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	ppb	
R9616422	44.9	45.0	234	9	31	0.6	21	579	<1	4	41	1.81	6	37	<5	13	29	<2	<2	310	38	6	230	2.8	<0.1	0.29	8.55	<0.1	0.15	<10	
R9616423	47.5	47.6	146	15	591	0.7	14	399	6	4	51	1.23	26	49	<5	19	58	<2	<2	114	12	2	125	1.49	<0.1	0.14	3.49	<0.1	0.08	<10	
R9616424	50.8	50.9	122	20	1005	0.8	38	327	11	5	68	0.76	43	89	<5	25	52	<2	<2	17	5	2	24	0.14	<0.1	0.1	0.46	<0.1	0.07	<10	
R9616425	53.6	53.7	129	7	41	0.4	27	327	<1	1	26	0.6	18	62	<5	20	63	<2	<2	82	10	3	83	0.96	<0.1	0.14	2.45	<0.1	0.08	<10	
R9616428	55.7	55.8	171	54	21	2.3	129	444	1	11	115	3.06	26	69	<5	44	99	<2	<2	154	36	7	64	0.68	<0.1	0.33	4.18	0.01	0.16	<10	
R9616427	59.0	59.1	101	15	10	1.7	51	542	<1	4	38	1.1	28	64	<5	20	48	<2	<2	58	6	<2	84	0.88	<0.1	0.14	1.85	<0.1	0.09	<10	
R9616428	62.0	62.1	178	27	17	1.7	60	507	<1	5	63	1.78	22	65	<5	36	84	<2	<2	122	20	3	99	1.07	<0.1	0.23	3.5	<0.1	0.13	<10	
R9616429	64.5	64.6	100	4	11	0.8	46	408	<1	2	30	0.61	5	61	13	18	59	<2	<2	146	33	5	61	0.6	<0.1	0.23	3.94	<0.1	0.12	<10	
R9616430	67.8	67.9	145	29	14	1.7	81	517	<1	4	61	1.94	21	55	<5	48	57	3	<2	116	20	3	97	1.01	<0.1	0.19	3.44	<0.1	0.1	<10	
R9616431	70.7	70.8	91	11	6	1.5	59	537	<1	3	42	0.53	26	65	<5	14	41	<2	<2	13	4	3	10	0.02	<0.1	0.11	0.3	<0.1	0.07	<10	
R9616432	73.0	73.1	106	17	18	1.4	48	820	<1	5	59	1.38	22	59	6	18	49	<2	<2	89	10	2	101	0.99	<0.1	0.19	2.41	<0.1	0.1	<10	
R9616433	75.6	75.7	166	40	16	1.5	64	954	<1	10	83	1.84	28	62	<5	23	93	<2	<2	78	15	5	18	0.07	<0.1	0.35	1.76	0.01	0.17	<10	
R9616434	78.8	78.9	152	20	32	2	148	800	1	11	151	3.2	28	60	<5	35	73	<2	<2	61	13	2	72	0.37	<0.1	0.36	1.68	0.01	0.15	<10	
R9616435	80.6	80.7	159	15	24	1.3	75	889	<1	8	84	1.01	19	65	<5	16	104	3	<2	99	23	7	39	0.18	<0.1	0.43	2.31	0.01	0.22	<10	
R9616436	83.6	83.7	124	21	22	1.4	55	727	<1	6	71	1.18	32	77	<5	17	58	<2	<2	64	8	4	84	0.71	<0.1	0.24	1.78	0.01	0.14	<10	
R9616437	87.0	87.1	180	19	312	1.5	70	967	4	10	107	3.23	24	47	<5	26	115	<2	<2	159	24	4	132	1.28	<0.1	0.46	4.11	0.01	0.2	<10	
R9616438	92.1	92.2	136	24	378	1.9	82	932	6	8	100	2.93	27	61	5	28	69	<2	<2	86	13	3	75	0.61	<0.1	0.29	2.17	0.01	0.15	<10	
R9616439	96.3	96.4	128	16	541	2.7	49	1025	7	7	62	1.46	29	52	7	17	71	<2	<2	88	11	2	79	0.8	<0.1	0.26	2.27	0.01	0.14	<10	
R9616440	100.5	100.6	165	32	50	3.9	59	700	<1	3	50	1.41	25	70	<5	29	64	<2	<2	61	6	<2	82	0.74	<0.1	0.15	1.77	<0.1	0.09	<10	
R9616441	104.5	104.6	90	20	134	0.8	73	1048	2	6	63	1.43	30	54	<5	22	38	<2	<2	50	6	2	76	0.63	<0.1	0.15	1.45	<0.1	0.09	<10	
R9616442	108.5	108.6	229	14	92	4	65	672	1	5	56	1.2	21	76	12	41	79	<2	<2	106	17	4	56	0.49	<0.1	0.23	2.45	<0.1	0.11	<10	
R9616443	111.5	111.6	98	24	85	1.1	52	923	1	4	46	1.37	20	57	<5	20	51	<2	<2	97	9	2	128	1.21	<0.1	0.16	2.72	<0.1	0.1	<10	
R9616444	115.5	115.6	183	26	87	2.3	65	1925	1	10	97	2.34	22	42	<5	5	17	96	<2	<2	136	19	4	107	0.86	<0.1	0.44	3.26	0.01	0.18	<10
R9616445	119.5	119.6	143	17	282	1.3	57	1918	4	6	74	1.94	24	47	<5	33	118	<2	<2	163	19	5	129	1.01	<0.1	0.48	3.69	0.01	0.22	<10	
R9616446	123.5	123.6	208	17	304	1.8	72	2151	4	13	111	3.1	24	60	<5	30	121	<2	<2	150	23	4	102	0.66	<0.1	0.49	3.42	0.01	0.26	<10	

[illegible]

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Ln (m)	CU PPM	PB PPM	ZN PPM	AG PPM	BA(4) PPM	AU PPB
.0	3.0	OVB	OVERBURDEN										
3.0	9.3	SQFF	REWORKED, HETEROLITHIC VOLCANO-SEDIMENTARY CONGLOMERATE WITH AN ARGILLACEOUS MATRIX Light to medium grey, strongly foliated and structurally transposed, thin banded/bedded to fragmental textured unit of mixed fine-grained, granular, clean grey quartzite(?) (70-80%) and minor, 10-20%, light grey to whitish, very fine-grained, aphanitic, very siliceous, massive felsic flow(?) set in a dark grey to black, variably pyritic(1-5%), argillaceous (possibly minor tuffaceous material locally) matrix (5-10%). Locally this unit appears well banded/bedded; although banded nature maybe due to flattening. The fragmental textures either reflect original sedimentary and felsic volcanic fragments deposited as debris flows or structural fragmentation due to a strong transposition of original banded/bedded lithologies. A debris flow origin is supported by the interpreted presence of quartzite and felsic flow lithologies. Light to medium grey, granular, homogenous, fine-grained quartz with no chlorite-sericite component (typically cut by abundant quartz vein/fractures). Is interpreted as quartzite. Finer-grained, aphanitic, light grey to whitish grey, quartz with minor chlorite-sericite-pyrite are interpreted as a felsic flow. It is possible that the felsic flow fragments here are in fact quartzite, in which case, this interval may reflect be an interbedded quartzite/mudstone unit. Several large (5-30 cms thick) quartzite intervals (locally exhibiting original bedding textures) are present and may support a interbedded quartzite/mudstone interpretation, if these quartzites are beds and not large fragments. Where banded/bedded (ie. At 4.0), the siliceous interbeds are 3-30 mms thick; fragments range from a few mms to several decimetres. Pyrite occurs as 1-5% fine-grained and blebby disseminations, primarily within the matrix, and as remobilized, foliation parallel, fine-grained, discontinuous fracture fillings. Quartzite lithologies are barren; felsic flow(?) fragments locally contain trace disseminated pyrite. The lower contact is conformable and sharp. 3.0 7.8 Generally weakly oxidized. 4.0 S2 foliation at 60 to core axis; S1/S0 banding at 45 to core axis. 6.0 S2 foliation at 46 to core axis. 7.4 7.6 Quartzite interbed or fragment. 8.6 9.3 Interbedded(?) quartzite.	16328	6.0	6.1	.1	78.0	5	64	<.4	5553	<10
				16329	9.2	9.3	.1	1.0	6	17	<.4	305	<10
9.3	19.9	FFSQ	REWORKED, HETEROLITHIC VOLCANIC CONGLOMERATE WITH AN ARGILLACEOUS MATRIX Light to medium grey, fragmental textured unit, as above, comprising 40-60% light to medium grey to greenish grey to white, fine-grained, aphanitic quartz-chlorite-feldspar and quartz-feldspar-chlorite felsic flow fragments and 40-50%, medium grey, aphanitic chert(?) to cherty felsic flow(?) fragments set in a predominantly argillaceous matrix. Fragments range from about 1 cm to likely around 15 cms given a 1:5 flattening ratio. Fragments are tightly packed (framework supported). The unit is also locally well banded and cut by a later cut by a transposition foliation. These structures are interpreted as an initial fragment flattening fabric cut by a subsequent transposition foliation. Fine-grained, granular quartzite fragments are rare (ie. At 13.5). Pyrrhotite (1-3%) is more common in this interval than pyrite; both occurring as fine blebby disseminations along fragment contacts and	16330	11.5	11.6	.1	54.0	8	64	.4	5341	<10
				16331	14.9	15.0	.1	76.0	7	60	<.4	5013	<10
				16332	18.0	18.1	.1	65.0	8	50	<.4	3449	<10

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Log (m)	CU PPM	PB PPM	ZN PPM	AG PPM	BA (4) PPM	AU PPB
			within the argillaceous matrix and also along fractures within felsic fragments. Trace chalcopyrite occurs as fine disseminations associated with pyrrhotite. Chlorite-sericite matrix is locally significant; perhaps showing an increase towards the lower contact. One weakly calcareous, pyrrhotitic and chloritic mafic fragment was observed at 15.5. The whitish felsic flow fragments may show an increase in proportion relative to the medium grey cherty fragments towards the units base. The lower contact is sharp and conformable. 10.4 S2 foliation at 70 to core axis; S1/S0 banding at 38 to core axis. 14.5 S2 foliation at 72 to core axis. 17.4 S2 foliation at 72 to core axis.										
19.9	22.6	FFBX	MONOLITHIC, FELSIC FLOW BRECCIA Light to medium green grey, monolithic felsic flow breccia or agglomerate containing 80-90%, aphanitic, very fine-grained light green grey quartz-chlorite-feldspar and light grey to white quartz-feldspar-chlorite flow fragments (5 mm to 10-20 cms) set in a medium green chlorite-sericite matrix. Fragments are generally tightly packed (framework supported) and show no apparent grading or sorting. Felsic fragments are typically fractured and filled with clear silica. Pyrrhotite occurs as 2-5% fine blebby disseminations adjacent to and within the flow fragments. Trace chalcopyrite occurs associated with pyrrhotite. Trace-nil pyrite is present. The lower contact is sharp and conformable. 20.2 S2 foliation at 68 to core axis; S1/S0 banding near parallel to S2.	16333	21.2	21.3	.1	83.0	10	53	.6	4248	<10
22.6	24.3	FFSQ	REWORKED, HETEROLITHIC VOLCANIC CONGLOMERATE WITH AN ARGILLACEOUS MATRIX As above 9.3-19.9 interval, but with only minor to rare cherty felsic flow(?) or chert fragments; no quartzite fragments were observed. Banded/bedded nature is evident. The lower contact is sharp and conformable. 23.0, S2 foliation at 63 to core axis; S1/S0 banding at 20 to core axis.										
24.3	27.7	SQAC	QUARTZITE CONGLOMERATE WITH AN ARGILLACEOUS MATRIX Medium grey interval consisting of small to large (5mm to 35 cms) fragments of grey, fine-grained, homogenous, massive quartzite (as above) set in a dark grey to black argillaceous matrix (as above). Quartzite fragments and fragmented quartzite comprise 90-95% of this interval. Argillite forms a matrix and fracture filling (due to folding and transposition foliation?) between the tightly packed fragments. No greenish grey felsic flow fragments are present. No grading or sorting of fragments is apparent. The lower contact is sharp and conformable and is marked by the appearance of felsic fragments. 25.8 S2 foliation at 69 to core axis.	16334	24.8	24.9	.1	13.0	8	39	.5	1918	<10
27.7	29.8	FFSQ	REWORKED, HETEROLITHIC VOLCANIC CONGLOMERATE WITH AN ARGILLACEOUS MATRIX As above 22.6-24.3 interval. 28.0 S2 foliation at 58 to core axis.	16335	27.9	28.0	.1	55.0	<4	64	.4	4629	<10
29.8	77.2	FFBX	MONOLITHIC, FELSIC FLOW BRECCIA As above 19.9-22.6 interval, comprising 90-95% tightly packed felsic flow fragments with minor chlorite-sericite matrix and fracture fillings within fragments. Pyrite content is low. Pyrrhotite (1-3%) occurs as fine-grained	16336 16337 16338	32.5 36.7 40.9	32.6 36.8 41.0	.1 .1 .1	66.0 83.0 80.0	10 6 4	47 65 70	.5 <.4 <.4	4223 5379 5796	<10 <10 <10

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Log (m)	CU PPM	PB PPM	ZN PPM	AG PPM	BA(4) PPM	AU PPM
			irregular, blebby disseminations and fracture fillings. Trace chalcopyrite is present.	16339	45.2	45.3	.1	51.0	<4	50	.4	4921	<10
			31.5 S2 foliation at 58 to core axis; S1/S0 banding at 52 to core axis.	16340	50.2	50.3	.1	62.0	7	28	<.4	9635	<10
			33.0 S2 foliation at 60 to core axis; S1/S0 banding at 86 to core axis.	16341	53.7	53.8	.1	43.0	<4	29	<.4	5491	<10
			36.0 S2 foliation at 70 to core axis.	16342	58.2	58.3	.1	116.0	<4	27	<.4	5438	<10
			40.5 S2 foliation at 65 to core axis; S1/S0 banding at 35 to core axis.	16343	61.9	62.0	.1	113.0	6	54	.4	4150	<10
			40.5 41.7 Increased pyrite content to up to 5% locally as fine-coarse-grained disseminations along fractures.	16344	66.1	66.2	.1	65.0	8	63	<.4	5721	<10
			42.3 S2 foliation at 67 to core axis.	16345	70.3	70.4	.1	89.0	<4	74	.4	4463	<10
			46.5 S2 foliation at 53 to core axis; S1/S0 banding at 73 to core axis.	16346	74.0	74.1	.1	66.0	6	54	<.4	5225	<10
			47.8 42.4 Broken and oxidized fault zone with crushed felsic flow.										
			49.6 53.8 Presence of fine biotite(?) or hematite within the matrix to produce a dark brownish colouration.										
			49.6 58.2 Marked increase in the felsic fragment sizes; more agglomerate like in character.										
			49.7 S2 foliation at 62 to core axis; S1/S0 banding at 70 to core axis.										
			52.0 S2 foliation at 63 to core axis; S1/S0 banding at 82 to core axis.										
			55.0 S1/S0 banding at 75 to core axis.										
			57.7 S2 foliation at 57 to core axis; S1/S0 banding at 73 to core axis.										
			60.2 77.2 Increased sericite-Fe carbonate(?) content of the matrix and presence of fine to coarse-grained pyrite (trace-2%) noted.										
			60.4 S2 foliation at 63 to core axis; S1/S0 banding at 78 to core axis.										
			62.4 62.8 Narrow oxidized fault.										
			63.4 S2 foliation at 67 to core axis; S1/S0 banding at 62 to core axis.										
			66.4 S2 foliation at 59 to core axis; S1/S0 banding at 78 to core axis.										
			69.5 S2 foliation at 68 to core axis; S1/S0 banding at 78 to core axis.										
			72.4 7.0 7.2, More massive, coarser fragmental to agglomerate.										
			72.7 S2 foliation at 62 to core axis; S1/S0 banding at 15 to core axis.										
			75.4 S2 foliation at 54 to core axis; S1/S0 banding at 56 to core axis.										
77.2	77.6	FT	FELSIC TUFF										
			Light to medium green, fine-grained, foliated chlorite-sericite-quartz tuff with minor siliceous felsic flow fragments. Trace-2% fine-grained pyrite as disseminations and foliation parallel fracture fillings. 77.4, S2 foliation at 66 to core axis.	16347	77.4	77.5	.1	64.0	7	81	.4	4711	<10
77.6	139.0	FFBX	MONOLITHIC, FELSIC FLOW BRECCIA										
			As above 29.8-77.2 interval; more similar to 60.2-77.2 interval marked by higher sericite-Fe carbonate(?) contents and presence of minor pyrite.	16348	81.6	81.7	.1	74.0	10	54	.4	5292	<10
			81.4 S2 foliation at 56 to core axis; S1/S0 banding at 68 to core axis.	16349	85.2	85.3	.1	79.0	14	53	.6	5412	40
			82.8 84.4 Poor core recovery; broken interval and minor fault gouge.	16350	89.4	89.5	.1	67.0	7	47	<.4	4773	<10
			84.0 S2 foliation at 38 to core axis.	16351	92.7	92.8	.1	91.0	<4	49	<.4	5335	<10
			87.6 S2 foliation at 52 to core axis; S1/S0 banding at 76 to core axis.	16352	97.4	97.5	.1	66.0	7	53	.5	3144	<10
			87.7 123.1 Unit becoming more greener reflecting increased chlorite content.	16353	101.7	101.8	.1	60.0	<4	47	<.4	5155	<10
			Slight brownish colouration may reflect fine Fe-carbonate with chlorite.	16354	105.8	105.9	.1	40.0	21	31	.4	7064	<10
				16355	110.0	110.1	.1	51.0	4	74	.4	4938	<10
			90.5 S2 foliation at 64 to core axis; S1/S0 banding at 64 to core axis.	16356	114.5	114.6	.1	65.0	<4	62	.5	5245	<10
			93.5 S2 foliation at 68 to core axis; S1/S0 banding at 75 to core axis.	16357	118.4	118.5	.1	40.0	<4	49	.4	4508	<10
			96.6 106.4 Unit becoming more massive (coarser fragmental/less matrix) agglomerate in character. Contacts are gradational.	16358	124.0	124.1	.1	48.0	6	56	.5	2861	<10
				16359	128.2	128.3	.1	36.0	<4	50	.7	7413	20
			97.0 S2 foliation at 51 to core axis; S1/S0 banding at 75 to core axis.	16360	132.2	132.3	.1	54.0	20	45	<.4	10334	<10
				16361	135.8	135.9	.1	30.0	8	41	.5	7355	<10

[illegible]

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Log (m)	CU PPM	PB PPM	ZN PPM	AG PPM	BA (4) PPM	AU PPB
140.8	141.5	FLT	FAULT As above 139.0-139.1 interval. Badly broken with very poor core recovery.										
141.5	144.0	FFBX	MONOLITHIC, FELSIC FLOW BRECCIA As above felsic flow breccias. Light to medium greenish grey unit with trace-4% fine to medium-grained disseminated pyrite. Matrix(?) material is sericite-chlorite and comprises 5-10% of unit. Interval is badly broken with generally poor core recovery. Lower contact is sharp with a white quartz vein. 143.8 S2 foliation at 61 to core axis; S1/S0 banding at 74 to core axis.	16362	142.5	142.6	.1	28.0	7	20	<.4	4266	<10
144.0	150.4	HSI	CHERTY (SILICIFIED?) SILTSTONE/ARGILLITE Light grey to light greenish grey to medium grey, laminated to thin bedded, badly broken and locally gouged interval comprising subequal proportions of light to medium grey thin bedded to massive interbedded, locally weakly calcareous, siltstone and light to dark grey, soft, phyllitic, variably tuffaceous silty mudstone. Pyrite (trace-5%) occurs as fine disseminations and as very fine-grained laminations and fracture fillings. No sphalerite or pyrrhotite were noted. 144.0 144.2 Dark grey, brecciated chert/cherty mudstone. 144.2 144.5 Medium green grey, massive, fine-grained, Fe-carbonate altered and weakly calcareous siltstone/tuffaceous siltstone(?). 144.5 148.7 Strongly broken and locally gouged interval of grey, phyllitic, locally weakly calcareous silty mudstone and siliceous siltstone and light greenish grey tuffaceous silty mudstone. 145.0 Thin fault gouge present. Also at 145.5, 145.9, 146.1, 146.2, 146.4, 146.8, 148.3-148.7, 149.6, 149.7-149.9 and 150.1-150.2. 148.7 149.5 Massive bedded, dark grey siltstone. 149.5 150.3 As above 144.5-148.7 interval. 150.3 150.4 Medium to dark grey, siliceous fine-grained siltstone. Appears to be a sharp, conformable contact into underlying unit.	16363 16364 16175	145.0 147.0 150.3	145.1 147.1 151.8	.1 .1 1.5	73.0 39.0 48.0	20 24 34	12 7 25	<.4 <.4 .5	8222 6095 5439	<10 <10 <10
150.4	158.0	EXHA	SILICA-FECARBONATE-PYRITE EXHALITE Light biege grey to medium grey, laminated to thin bedded/banded silica(50%)-Fe-carbonate(40%)-pyrite(5-15%) exhalite with minor chlorite(2-5%) and locally, trace-1% sphalerite. White quartz-calcite, and locally barite, occurs as cross cutting veinlets. Silica occurs as light grey to white to medium grey, very fine-grained, cherty laminations and thin bands (generally < 1 cm thick) with low pyrite content and nil-20%, euhedral, yellowy beige Fe-carbonate rhombs (up to 1 mm). Silica bands are locally disrupted/transposed to form a more fragmental textured exhalite; concentric zonation (replacement) of fine Fe-carbonate rhombs and very fine pyrite give silica 'fragmentals' a nodular appearance; however, the predominant texture is laminated to thin bedded. Fe-carbonate occurs predominantly as creamy biege coloured, thin to medium interbeds/bands (1 to 14 cms thick) of very fine-grained, massive Fe-carbonate and fine-grained Fe-carbonate intergrown with silica and chlorite and perhaps minor barite. Pyrite occurs as very fine-grained pyrite laminations and disseminations within silica-chlorite-Fe-carbonate laminations and thin bands. Fine euhedral pyrite occurs as scattered disseminations within Fe-carbonate interbeds. Chlorite occurs as medium to dark green, fine porphyroblastic(?) replacements of	16176 16177 16178 16179 16180	151.8 152.8 154.3 155.4 156.5	152.8 154.3 155.4 156.5 158.0	1.0 1.5 1.1 1.1 1.5	58.0 36.0 64.0 41.0 62.0	23 89 124 105 185	30 234 1030 1179 49	.7 .5 1.2 <.4 .6	10658 13512 14784 20821 19563	<10 <10 <10 20 40

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Log (m)	CU PPM	PB PPM	ZN PPM	AG PPM	BA(4) PPM	AU PPM
			Fe-carbonate and as a very fine-grained component of fine, silica-pyrite-Fe-carbonate laminations. Minor sphalerite occurs as light to medium, reddish brown to locally pinkish brown, fine-grained, intergranular sphalerite within thin (< 1 mm to 2.5 cms) silica-chlorite-pyrite bands/beds. Fine-grained, scattered disseminations of sphalerite are also found within silica laminations and thin bands.										
	150.4	150.8	Thin bedded, light grey chert/cherty quartzite with increasing disseminated Fe-carbonate and fine pyrite disseminations down section. Lower contact is gradational over 5-15 cms and is marked by the appearance of Fe-carbonate interbeds and interlamination.										
	150.8	151.8	Thin interbedded, creamy beige Fe-carbonate-silica (alteration of cherty quartzite??), light grey chert/cherty quartzite (as above) and minor thin silica exhalite interbeds. Pyrite content is low.										
	151.5		S2 foliation at 64 to core axis; S1/S0 banding at 59 to core axis.										
	151.8	158.0	Thin bedded exhalite, as described above.										
	152.8		Exhalite becomes more pyritic, as described above. Nodular pyrite (1-2%; 1-4 mms) occurring in thin interbedded Fe-carbonate-silica are noted at 155.0. Very fine-grained pyrite nodules? (0.1-0.5 mms) are present in a silica bed/band at 156.3.										
	153.4	156.5	Interval containing trace to locally 1% sphalerite, as described above.										
	153.5	153.9	White quartz-Fe-carbonate-chlorite-calcite vein.										
	154.7		S2 foliation at 63 to core axis; S1/S0 banding at 72 to core axis.										
158.0	164.2	SEXH	CHERT/CHERTY FELSIC TUFF/SILICA EXHALITE										
			Light green grey interval of interbedded/banded chert/cherty felsic tuff, comprising banded silica with thin sericite-chlorite seams, interbedded with bedded/banded Fe-carbonate and silica exhalite. Unit locally shows good transposition textures and evidence of isoclinal folding.	16181	158.0	159.5	1.5	52.0	124	58	<.4	7173	<10
				16182	159.5	161.0	1.5	99.0	19	29	<.4	8692	<10
				16183	161.0	162.6	1.6	71.0	223	162	.5	7276	40
				16184	162.6	164.2	1.6	135.0	17	12	<.4	8508	<10
	158.0	158.5	Thin interbedded, light grey chert/cherty felsic tuff. Minor (Tr-1%) sphalerite and galena occur as irregular and foliation parallel fracture fillings.										
	158.5	164.2	Mixed interval of thin banded/banded, silica-sericite-chlorite cherty felsic tuff, Fe-carbonate and silica exhalite with minor laminated fine-grained pyrite. Cherty felsic tuff intervals from 160.5-161.1 and 163.4-164.2.										
	159.5		S2 foliation at 65 to core axis; S3 kink bands at 88 to core axis; S1/S0 banding near parallel to core axis.										
	160.8		S2 foliation at 77 to core axis; S1/S0 banding at 36 to core axis.										
	161.2		2 cm thick band of silica-pyrite-chlorite-Fe-carbonate with 5% sphalerite and 1-2% galena within the exhalite.										
	161.3		15 cm thick thin bedded grey chert/cherty tuff.										
	161.5	161.9	Fe-carbonate interband/bed with 20-40% fine to medium-grained disseminated pyrite. Minor sphalerite at upper contact.										
164.2	165.8	EXHB	SILICA-FECARBONATE-PYRITE-BARITE EXHALITE										
			Thin bedded to laminated (locally nodular textured) siliceous exhalite, as described above in 150.4-158.0 interval; but with a lower proportion of Fe-carbonate (30-40%). Reddish brown fine-grained sphalerite laminations and fracture fillings within silica-rich base of the cherty felsic tuff unit above. Upper and lower contacts are sharp and conformable. Nodular	16185	164.2	165.0	.8	113.0	53	255	<.4	78796	<10
				16186	165.0	165.8	.8	49.0	31	82	<.4	89509	<10

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Log (m)	CU PPM	PB PPM	ZN PPM	AG PPM	BA(4) PPM	AU PPB
			appearing silica (6-20 mms) may be true nodules or boudinaged thin exhalite beds? Exhalite contains abundant barite laminations/thin interbeds and possible nodules between. 165.25-165.6. 162.6, S2 foliation at 58 to core axis; S1/S0 banding is near parallel to core axis. 165.0 S2 foliation at 74 to core axis; S1/S0 banding is near parallel to core axis.										
165.8	177.1	AFTS	INTERBEDDED/BANDED, SERICITE ALTERED FELSIC TUFF, TUFFACEOUS WACKES AND SILICEOUS ARGILLITE Medium to thick interbedded unit comprised of strongly sheared and folded (transposed), sericite-chlorite altered, yellowy green grey, siliceous felsic tuff (ash and lapilli-ash tuffs?) and coarse tuffaceous wackes interbedded with interlaminated, dark grey to black, siliceous argillite and medium grey siltstone. Felsic tuffs are schistose to strongly fragmented due to transposition of bedding parallel to S2 foliation. Tuffs comprise generally 60% light grey siliceous, cherty tuff and 40% waxy, yellow green sericite-chlorite (variably Fe-carbonate altered) tuff. Siliceous material is variably fragmented within the sericite-chlorite 'matrix'. Pyrite content ranges from trace-5% as fine-grained disseminations. Tuffaceous wackes comprise intervals with sericitic altered, argillaceous groundmass supporting felsic tuff and minor argillite fragments. These intervals are relatively minor. Dark argillite and siltstones occur as interlaminations within tuff units and as thin to thick intervals between sericitic felsic tuffs. Pyrite content ranges from trace-5%. Minor trace sphalerite is present as fracture fillings in argillite/siltstone and as disseminations in disrupted silica-pyrite-chlorite bands? within the felsic tuffs. 165.8 167.9 Strongly foliated and isoclinally folded, yellowy green grey felsic tuffs containing sphalerite in disrupted silica-pyrite-chlorite bands(?) at 166.5 and 166.8. Thin, in folded argillite/siltstone present at 167.3 (with 10-15% fine-grained intergranular sphalerite) and at 167.5 (with minor foliation parallel fracture with fine sphalerite seams). 167.6 S2 foliation at 65 to core axis; S1/S0 banding folded near parallel to core axis. 167.9 168.6, Predominantly dark grey siltstone and cherty argillite. 168.5 S2 foliation at 69 to core axis; S1/S0 banding folded near parallel to core axis. 168.6 171.3 Mixed interval of strongly foliated/fragmented felsic tuffs with minor in folded argillite interbeds and interlaminations. 171.3 171.7 Thin bedded to laminated, dark grey, cherty argillite and siltstone. Pyrite (5-15%) occurs as numerous very fine-grained, pyritic laminations and in thin silica-pyrite bands/veinlets?. Sphalerite (tr-2%) occurs as very fine-grained disseminations and within silica-pyrite bands/veinlets. One sphalerite occurrence has a laminated aspect. 171.3 S2 foliation at 67 to core axis; S1/S0 banding folded near parallel to core axis. 171.7 171.9 Fault gouge. 171.9 172.7 Tuffaceous wacke and minor argillite. Wackes comprise	16187	165.8	167.9	2.1	36.0	113	417	.7	10933	<10
				16188	167.9	169.4	1.5	29.0	42	299	<.4	8166	<10
				16189	169.4	171.3	1.9	22.0	41	393	<.4	10103	<10
				16190	171.3	171.7	.4	49.0	206	860	1.2	3833	40
				16191	171.7	173.2	1.5	39.0	56	3181	.6	9062	<10

[illegible]

[illegible]

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Log (m)	CU PPM	PB PPM	ZN PPM	AG PPM	BA(4) PPM	AU PPB
200.6	207.9	FFBX	MONOLITHIC, FELSIC FLOW BRECCIA Light green grey, monolithic felsic flow breccia, as above 193.2-199.0 interval, containing 1-4% fine-grained pyrite within sericite-chlorite seams and weakly developed Fe-carbonate disseminations. Thin tuff interbeds at 204.2-204.6 and 204.7-204.8. 203.3 S2 foliation at 69 to core axis. 204.3 204.6 Thin interval of felsic tuff with good sharp contacts with folded, banded felsic flow breccia? Also at 204.7-204.8. 206.4 S2 foliation at 69 to core axis; S1/S0 banding at 73 to core axis. 206.6 Increasing chlorite content in matrix? 207.7 207.9 Gradational contact with increasing argillaceous seams and greyer appearing sedimentary fragments/bands?.	16371	203.0	203.1	.1	61.0	7	19	.6	6607	<10
				16372	205.8	205.9	.1	130.0	<4	21	<.4	7655	<10
207.9	214.3	HSIS	SILICIFIED/CHERTY SILTY MUDSTONE/SILTSTONE Medium to dark grey, thin bedded, strongly transposed unit comprised of 55% medium to dark grey, thin bedded to laminated, siliceous (cherty) siltstone/silty mudstone and 45% light to medium grey, thin bedded/banded, chert? or or silicified silty mudstone??. Pyrite content is low (trace-2%). 207.9 211.3 Predominantly light to medium grey banded/thin bedded, very fine-grained to granular chert or silicified silty mudstone/siltstone (??). These cherty bands do not appear like good chert! Locally trace chlorite is present and weakly Fe-carbonate disseminations are present? Very siliceous sedimentary interval: silicification/silica soaked!?. 208.5 S2 foliation at S1 to core axis; S1/S0 banding at 82 to core axis. 211.3 Late white quartz vein. 211.3 214.5 Predominantly medium to dark grey, thin bedded siliceous siltstone/silty mudstone and lesser thin interbedded to interlaminated mudstone/argillite. With minor pyrite (trace-2%). 211.5 S2 foliation at 68 to core axis; S1/S0 banding at 83 to core axis. 212.6 S2 foliation at 66 to core axis; S1/S0 at 49 to core axis. 214.0 S2 foliation at 64 to core axis; S1/S0 at 52 to core axis. 214.2 214.3 Fault gouge.	16373	208.9	209.0	.1	58.0	4	29	1.3	7639	<10
				16374	211.5	211.6	.1	59.0	9	107	.4	6242	<10
				16375	213.7	213.8	.1	77.0	17	164	.7	11468	<10
214.3	214.7	TSIS	INTERBANDED/BEDDED TUFFACEOUS SILTSTONE WITH LESSER ARGILLITE Medium green grey, thin banded/bedded granular, Fe-carbonate altered tuffaceous beds with interbedded seams of argillaceous material. Basal 10 cms is more chloritic and Fe-carbonate altered. Basal contact is sharp with underlying unit. 214.4 214.6, Fault gouge.										
214.7	223.6	FFBX	MONOLITHIC, FELSIC FLOW BRECCIA Medium to light green grey, banded to fragmental textured, siliceous, monolithic, aphyric, fine-grained silica-chlorite felsic flow breccia to lapilli tuff. Felsic fragments are set in a chlorite-silica-Fe-carbonate-pyrite matrix?. The basal contact is gradational over 10-15 cms and is marked by the appearance of argillaceous seams and a more gradational change from siliceous flow(?) fragments into darker grey, siliceous siltstone/chert fragments and transposed interbeds. 217.3 S2 foliation at 78 to core axis. 217.5 218.9 Increased proportion of medium green,	16376	216.0	216.1	.1	14.0	15	17	.4	6888	<10
				16377	218.3	218.4	.1	54.0	13	7	.6	52884	<10
				16378	221.3	221.4	.1	15.0	4	7	<.4	49563	<10
				16379	223.5	223.6	.1	40.0	46	12	.4	2501	<10

[illegible]

[illegible]

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Lng (m)	CU PPM	PB PPM	ZN PPM	AG PPM	BA(4) PPM	AU PPM
			mudstone.										
			251.5 251.6 Thin calcareous and pyritic(5%) siltstone interbeds (or cherty quartz-calcite-pyrite veins??) separated by a thin (1 cm thick) mudstone with laminated sphalerite-pyrite over 5 mm.										
			251.7 251.8 Thin crushed zone.										
			252.3 S2 foliation at 77 to core axis.										
			252.8 Thin sphalerite laminations present.										
253.4	255.4	MD	MAFIC DYKE Light to medium green, fine-grained, massive, homogenous, chlorite-calcite-quartz-Fe-carbonate mafic sill/dyke or flow? with chilled very fine-grained margins and a strongly, calcite-quartz amygdaloidal top (0.5 to 7 mm; 3-10%). Upper contact is sharp; lower contact appears sharp within mafic tuff. Pyrrhotite occurs as trace-2% fine disseminations, as does pyrite. 255.0 S2 foliation at 45 to core axis.	16380	255.0	255.1	.1	44.0	<4	44	.4	1989	<10
255.4	256.0	MTSL	MIXED MAFIC SILLS/DYKES (TUFF?) AND CALCAREOUS SILTSTONE/SILTY MUDSTONE Mixed, strongly transposed interval of light to medium green calcareous mafic dykes or tuffs and medium to dark grey, calcareous siltstone and silty mudstone (locally fragmental textured) containing trace-2% fine grained disseminated pyrrhotite. Mafic intervals appear amygdaloidal suggesting the units are thin dykes; although the darker colouration, presence of calcareous sediments and very fine-grained nature of the mafics suggest that they maybe mafic tuffs? Lower contact is sharp. 255.8 Minor sphalerite present as discontinuous, S2 foliation parallel laminations/fracture fillings?.										
256.0	256.6	SISA	INTERBANDED/BEDDED SILTSTONE WITH LESSER ARGILLITE As above 248.5-253.4 interval. 256.5 S2 foliation at 67 to core axis.	16381	256.3	256.4	.1	37.0	340	3373	1.1	1387	<10
256.6	257.0	MT	MAFIC TUFF As above 255.4-256.0 interval with minor sediment component. Fe-carbonate disseminations are common throughout mafic unit.										
257.0	258.7	MD	MAFIC DYKE As above 253.4-255.4 interval. Both upper and lower contacts are gradational. This sill/dyke is less Fe-carbonate altered than sill/dyke mentioned above.	16382	257.9	258.0	.1	13.0	<4	55	.4	4535	<10
258.7	262.6	MTSL	MIXED MAFIC SILLS/DYKES (TUFF?) AND CALCAREOUS SILTSTONE/SILTY MUDSTONE As above 255.4-256.0 interval. 259.3 S2 foliation at 62 to core axis. 259.7 Trace sphalerite disseminations parallel to S2 foliation; also at 260.2. 260.4 261.1 Several white quartz-calcite-chlorite-graphite veins. 261.3 S2 foliation at 71 to core axis; S1/S0 folded/transposed. 261.4 Thin 1-3 mm sphalerite-pyrite-galena veinlet. 261.4 261.7 Broken interval with minor thin gouge developed locally. 261.7 262.6 Several white quartz-chlorite-carbonate veins.	16383	260.2	260.3	.1	66.0	246	3129	1.3	5335	<10

[illegible]

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Log (m)	CU PPM	PB PPM	ZN PPM	AG PPM	BA (4) PPM	AU PPB
281.9	291.5	SISA	INTERBANDED/BEDDED SILTSTONE WITH LESSER ARGILLITE Light to dark grey, thin bedded to laminated, strongly foliated and transposed unit of intercalated light to medium grey, siliceous siltstone and non siliceous mudstone and silty mudstone; minor cherty siltstone/chert interbeds are present. Pyrite (trace-5%) occurs as fine-grained disseminations and in silica-pyrite veins and fracture fillings. No sphalerite was seen. Lower contact is gradational, laminated to thin bedded cherty siltstone/chert. 283.0 283.3 Minor crushed zone; also at 283.5-283.6. 283.8 S2 foliation at 75 to core axis; S1/S0 transposed near parallel to S2. 286.5 288.6 Interval is predominantly silty mudstone/mudstone. 287.0 S2 foliation at 70 to core axis; S1/S0 near parallel to S2. 288.0 288.4 Broken interval with poor core recovery. 288.6 289.0 Massive medium to dark grey calcareous siltstone interbed cut by numerous quartz-calcite veins. 290.9 S2 at 61 to core axis.	16391	285.2	285.3	.1	56.0	28	42	<.4	1975	<10
				16392	288.2	288.3	.1	37.0	54	277	1.2	3730	<10
291.5	292.2	HFT	SILICEOUS FELSIC TUFF As above 281.4-281.9. Thin laminated to thin bedded gradational upper contact suggests unit is a massive bedded silicified ash tuff or cherty felsic tuff. Lower contact is somewhat gradational as well. Sericite-pyrite seams are present but likely represent foliation parallel fractures. Lower contact is sharp grading into thin bedded to laminated cherty siltstone/chert.	16393	291.8	291.9	.1	45.0	<4	16	<.4	3814	<10
292.2	300.4	SISC	INTERBANDED/BEDDED SILTSTONE WITH LESSER CHERT Medium grey interval of thin bedded (contorted/folded/transposed) siltstone and minor cherty siltstone with minor interlaminae of argillite/silty argillite and, locally, thin mafic tuff interbeds. Pyrite (2-5%) occurs as fine-grained disseminations and fracture fillings throughout. 293.0 S2 foliation at 61 to core axis; S1/S0 folded parallel to core axis. 296.0 296.5 Interval with several thin (5-30 mm thick), medium green, fine-grained, granular chlorite-calcite-pyrite mafic tuff interbeds. 296.0 S2 at 73 to core axis; S1/S0 transposed near parallel to S2. 299.0 S2 at 64 to core axis; S1/S0 folded parallel to core axis. 299.7 300.4 Sheared and weakly gouged (poor core recovery) near lower contact; lower contact is sharp.	16394	293.1	293.2	.1	55.0	14	9	.5	4876	<10
				16395	295.6	295.7	.1	55.0	24	6	.6	3269	<10
				16396	298.6	298.7	.1	53.0	23	160	<.4	1899	<10
300.4	303.9	IFQP	FELDSPAR-QUARTZ PORPHYRY Light to medium yellowy green grey to dark brownish grey coloured, variably sheared, pyritized and sericite altered, massive fine-grained, granular to aphanitic intrusive/extrusive with 3-10% euhedral, white (locally clear silica-chlorite altered) feldspar phenocrysts from 2-6 mm. Dark brownish colouration locally developed in more massive sections of the porphyry are likely due to fine disseminated pyrite. Pyrite content ranges from 10-30% locally as foliation parallel, very fine-grained seams and fractures and more irregular veinlets. Pyrite content of the porphyry ranges from 5-25% as very fine-grained disseminations and wispy disseminations intergranular to the feldspar and quartz phenocrysts. Yellowy green grey, very schistose zones of	16218	300.4	301.9	1.5	19.0	173	27	.7	6220	<10
				16219	301.9	302.9	1.0	15.0	125	24	2.0	7370	<10
				16220	302.9	303.9	1.0	11.0	104	11	1.3	10218	<10

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Log (m)	CU PPM	PB PPM	ZN PPM	AG PPM	BA (4) PPM	AU PPB
			sheared, variably silicified feldspar (10-20%; 1-5 mms) and lesser quartz phenocrysts (1-5%; 0.5-2 mms) in a foliated sericite-silica groundmass with generally trace-3% fine disseminated pyrite. These zones may represent sheared portions of the porphyry or perhaps crystal rich tuffs into which porphyry is intruded?? Zoned shearing of a porphyry is supported by gradational contacts between these 2 rock types. White quartz-feldspar veins cross cut pyritic veinlets/seams; however, there are irregular pyrite veins/veinlets which cross cut quartz veins. Quartz-feldspar veining occurs more central to the unit in the more massive porphyry; sheared sericitic intervals occur towards the margin of the porphyry. 300.9 S2 foliation at 67 to core axis.										
303.9	304.1	FT	FELSIC TUFF Medium green grey, strongly foliated, sericite-chlorite altered, laminated to granular textured felsic tuff (as below) with minor thin chloritic (argillaceous?) interlamination and rare wispy, flattened black fragments. Pyrite occurs as 10% fine-grained disseminations oriented parallel to S2 foliation throughout. This unit either is a sericitic-chloritic tuff (crystal-rich?) or a sericitic and pyritic, strongly sheared margin of the porphyry.										
304.1	304.3	HSI	CHERTY (SILICIFIED?) SILTSTONE/ARGILLITE Medium to dark grey, massive, cherty, fine-grained siltstone with irregular, wispy, very fine-grained vein pyrite (10%). Lower and upper contacts are sharp and likely conformable with an increasing sericite-chlorite and Fe-carbonate component over about 10 cms.										
304.3	309.3	FT	FELSIC TUFF 304.3 S2 foliation at 73 to core axis; S1/S0 transposed near parallel to S2. Light to medium greenish grey, strongly foliated, thin banded to laminated, granular textured, felsic tuff comprising light grey silica-sericite bands, yellow Fe-carbonate-silica-sericite and medium green, sericite-chlorite seams and bands. Granular texture is perhaps due to fine crystal content. Quartz crystal fragments (trace-5%, 0.5-2 mms) were noted locally. Feldspar crystals were not identified; moderate to strong sericite-chlorite-Fe-carbonate alteration is evident. Bedding has been strongly transposed and is only visible from 307.9-308.3. Pyrite occurs as 2-5% fine to medium-grained disseminations throughout. 307.0 307.2 Coarse quartz-feldspar-chlorite-pyrite vein; also at 308.5-308.8. 308.2 S2 foliation at 58 to core axis. 309.0 309.3 Gradational contact with increasing argillaceous material and decreasing sericite-Fe-carbonate content.	16397	304.6	304.7	.1	12.0	30	7	.6	7391	<10
				16398	305.5	305.6	.1	60.0	18	125	.7	7057	<10
				16399	308.3	308.4	.1	65.0	8	44	.6	8990	<10
309.3	346.9	SASI	INTERBANDED/BEDDED ARGILLITE WITH LESSER SILTSTONE Laminated to thin banded, dark grey to black unit comprising subequal proportions of dark grey to black, non calcareous, variably carbonaceous mudstone/silty mudstone and medium to dark grey, siltstone. Pyrite (3-8%) occurs as banded fine-grained disseminations and wispy, very fine-grained disseminations, predominantly in black mudstone/silty mudstone, and as fine to medium-grained disseminations in quartz bands and blebby disseminations	16400	312.5	312.6	.1	59.0	9	47	1.5	2722	20
				16401	315.2	315.3	.1	141.0	<4	305	2.5	1868	<10
				16402	319.9	320.0	.1	56.0	16	1473	2.3	1885	<10
				16403	324.1	324.2	.1	50.0	5	45	1.6	1329	<10
				16404	328.3	328.4	.1	131.0	6	368	3.6	1642	<10
				16405	332.4	332.5	.1	107.0	10	220	3.1	2144	<10

[illegible]

DDH WO96-02		V960372R, 571R																													
LAB NO	DRILL INTE	Cu	Pb	Zn	Ag	As	Ba(4)	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	Au		
	From To	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	ppb	
R9618328	8 8.1	78	5	64	<4	<2	5553	<1	8	41	1.37	5	49	8	<5	7	<2	<2	18	2	8	529	0.34	<0.01	0.53	0.21	<0.01	0.11	<10	<10	
R9618329	9.2 9.3	1	8	17	<4	9	305	<1	<1	4	0.28	2	19	<5	<5	<2	<2	<2	18	2	8	529	0.34	<0.01	0.53	0.21	<0.01	0.11	<10	<10	
R9618330	11.5 11.6	54	8	64	0.4	<2	5341	<1	7	36	1.54	5	48	7	17	7	<2	<2	1254	13	5	299	0.33	<0.01	0.08	E15.08	<0.01	0.01	<10	<10	
R9618331	14.9 15	78	7	80	<4	<2	5013	<1	6	36	1.61	4	58	14	<5	9	<2	<2	70	4	17	800	0.6	<0.01	0.7	0.83	<0.01	0.12	<10	<10	
R9618332	18 18.1	65	8	50	<4	<2	3449	<1	7	28	1.64	2	52	19	11	8	<2	<2	39	2	3	868	0.61	<0.01	0.79	0.45	<0.01	0.14	<10	<10	
R9618333	21.2 21.3	83	10	53	0.6	8	4248	<1	10	27	1.68	5	52	<5	19	12	<2	<2	63	2	3	951	0.57	<0.01	0.73	0.68	<0.01	0.08	<10	<10	
R9618334	24.8 24.9	13	8	39	0.5	14	1918	<1	4	17	0.97	5	45	<5	<5	3	<2	<2	24	2	5	1128	0.63	<0.01	0.91	0.31	<0.01	0.1	<10	<10	
R9618335	27.9 28	55	<4	64	0.4	<2	4629	<1	8	31	1.62	7	47	10	<5	11	<2	<2	328	8	12	592	0.97	<0.01	0.27	4.69	<0.01	0.07	<10	<10	
R9618336	32.5 32.6	68	10	47	0.5	<2	4223	<1	7	26	1.5	3	72	<5	8	10	<2	<2	14	2	15	257	0.72	<0.01	0.88	0.17	<0.01	0.12	<10	<10	
R9618337	36.7 36.8	83	6	65	<4	<2	5379	<1	11	39	2.01	12	57	10	<5	12	<2	<2	19	2	9	597	0.52	<0.01	0.78	0.18	<0.01	0.1	<10	<10	
R9618338	40.9 41	80	4	70	<4	2	5796	<1	12	36	1.77	4	55	<5	8	8	<2	<2	31	2	16	929	0.78	<0.01	1.08	0.28	<0.01	0.1	<10	<10	
R9618339	45.2 45.3	51	<4	50	0.4	7	4921	<1	8	34	1.38	5	39	<5	<5	7	<2	<2	27	2	11	959	0.52	<0.01	0.79	0.22	<0.01	0.1	<10	<10	
R9618340	50.2 50.3	62	7	28	<4	<2	9635	<1	7	26	0.82	2	68	10	8	3	<2	<2	128	<2	5	3120	0.38	<0.01	0.38	0.65	<0.01	0.08	<10	<10	
R9618341	53.7 53.8	43	<4	29	<4	<2	5491	<1	8	20	0.79	<2	45	9	<5	8	<2	<2	84	<2	3	1487	0.34	<0.01	0.4	0.34	0.01	0.07	<10	<10	
R9618342	58.2 58.3	116	<4	27	<4	10	5438	<1	8	27	1.53	8	40	<5	<5	3	<2	<2	15	<2	<2	220	0.22	<0.01	0.36	0.15	<0.01	0.08	<10	<10	
R9618343	61.9 62	113	8	54	0.4	4	4150	<1	6	31	1.17	3	65	<5	7	6	<2	<2	57	2	3	717	0.38	<0.01	0.49	0.46	<0.01	0.09	<10	<10	
R9618344	66.1 66.2	65	8	63	<4	7	5721	<1	7	33	1.54	4	45	17	<5	2	8	<2	98	2	3	1274	0.46	<0.01	0.42	0.95	<0.01	0.09	<10	<10	
R9618345	70.3 70.4	89	<4	74	0.4	53	4463	<1	12	40	3.48	2	47	7	<5	12	<2	<2	59	2	4	540	0.84	<0.01	1.47	0.39	<0.01	0.07	<10	<10	
R9618346	74 74.1	66	6	54	<4	19	5225	<1	8	25	1.05	3	48	<5	8	2	<2	<2	66	2	3	1151	0.2	<0.01	0.35	0.94	<0.01	0.07	<10	<10	
R9618347	77.4 77.5	84	7	81	0.4	2	4711	<1	14	35	3.2	5	70	12	13	6	<2	<2	42	2	4	495	0.65	<0.01	1.37	0.24	<0.01	0.07	<10	<10	
R9618348	81.6 81.7	74	10	54	0.4	<2	5292	<1	6	26	1.42	5	54	<5	<5	6	<2	<2	106	<2	3	1186	0.47	<0.01	0.48	0.8	<0.01	0.08	<10	<10	
R9618349	85.2 85.3	79	14	53	0.6	32	5412	<1	7	33	1.77	5	49	9	12	6	<2	<2	57	<2	2	764	0.4	<0.01	0.56	0.31	<0.01	0.08	40	<10	
R9618350	89.4 89.5	67	7	47	<4	<2	4773	<1	5	23	1.32	4	62	11	17	8	<2	<2	38	<2	3	758	0.6	<0.01	0.77	0.35	<0.01	0.05	<10	<10	
R9618351	92.7 92.8	91	<4	49	<4	<2	5335	<1	5	26	1.42	6	48	<5	<5	5	<2	<2	49	<2	2	1146	0.57	<0.01	0.72	0.38	<0.01	0.08	<10	<10	
R9618352	97.4 97.5	68	7	53	0.5	<2	3144	<1	6	23	1.09	3	68	<5	7	5	<2	<2	16	<2	3	888	0.31	<0.01	0.49	0.1	<0.01	0.09	<10	<10	
R9618353	101.7 102	60	<4	47	<4	<2	5155	<1	6	20	1.28	3	60	<5	9	3	<2	<2	40	<2	3	3695	0.29	<0.01	0.44	0.15	<0.01	0.09	<10	<10	
R9618354	105.8 106	40	21	31	0.4	<2	7084	<1	5	20	0.84	3	82	6	9	4	<2	<2	73	<2	4	1295	0.3	<0.01	0.44	0.23	<0.01	0.09	<10	<10	
R9618355	110 110	51	4	74	0.4	14	4938	<1	9	39	1.63	2	71	6	12	10	<2	<2	33	2	7	1057	0.88	<0.01	1.12	0.18	<0.01	0.14	<10	<10	
R9618356	114.5 115	65	<4	62	0.5	19	5245	<1	8	28	1.68	4	67	10	19	10	<2	<2	37	2	6	975	0.77	<0.01	1.03	0.3	<0.01	0.09	<10	<10	
R9618357	118.4 119	40	<4	49	0.4	<2	4508	<1	9	29	1.52	5	69	<5	10	5	<2	<2	80	2	4	1836	0.58	<0.01	0.8	0.57	<0.01	0.09	<10	<10	
R9618358	124 124	48	6	56	0.5	<2	2861	<1	7	31	1.44	5	48	9	8	4	<2	<2	210	6	10	1023	0.69	<0.01	0.43	3.13	<0.01	0.1	<10	<10	
R9618359	128.2 128	36	<4	50	0.7	<2	7413	<1	10	35	1.4	4	62	<5	11	7	<2	<2	84	2	4	436	0.51	<0.01	0.78	0.21	0.01	0.1	20	<10	
R9618360	132.2 132	54	20	45	<4	<2	E10334	<1	5	22	0.99	2	54	6	9	5	<2	<2	35	<2	2	109	0.48	<0.01	0.58	0.19	<0.01	0.1	<10	<10	
R9618361	135.8 136	30	8	41	0.5	<2	7355	<1	6	24	0.95	3	59	<5	7	3	<2	<2	30	<2	<2	393	0.07	<0.01	0.17	0.13	<0.01	0.07	<10	<10	
R9618362	142.5 143	28	7	20	<4	3	4286	<1	1	13	1.32	5	63	<5	<5	6	<2	<2	125	<2	<2	536	0.2	<0.01	0.21	0.51	<0.01	0.04	<10	<10	
R9618363	145 145	73	20	12	<4	<2	8222	<1	6	17	1.71	6	39	11	<5	6	<2	<2	82	4	3	1258	0.2	<0.01	0.21	1.2	<0.01	0.16	<10	<10	
R9618364	147 147	39	24	7	<4	15	6095	<1	2	12	2.45	5	34	7	8	2	<2	<2	133	4	4	3312	0.38	<0.01	0.18	2.61	<0.01	0.15	<10	<10	
R9618365	150.3 151.8	48	34	25	0.5	<2	5439	<1	4	41	5.12	4	49	<5	10	6	<2	<2	108	9	3	3430	0.61	<0.01	0.1	2.46	<0.01	0.08	<10	<10	
R9618366	151.8 152.8	58	23	30	0.7	110	E10858	<1	4	40	7	3	37	<5	11	29	<2	<2	138	13	2	4017	0.87	<0.01	0.48	2.79	<0.01	0.01	<10	<10	
R9618367	152.8 154.3	38	89	234	0.5	14	E13512	<1	2	37	5.18	4	50	<5	<5	10	<2	<2	109	12	2	4275	0.54	<0.01	0.43	6.49	<0.01	0.03	<10	<10	
R9618368	154.3 155.4	64	124	1030	1.2	145	E14784	8	5	36	9.62	5	39	<5	15	19	<2	<2	76	11	<2	8812	0.65	<0.01	0.37	3.69	<0.01	0.06	<10	<10	
R9618369	155.4 156.5	41	105	1179	<4	54	E20821	6	4	45	6.67	3	49	<5	<5	28	<2	<2	148	19	2	6435	0.54	<0.01	0.55	6.25	0.01	0.08	20	<10	
R9618370	156.5 158.0	62	185	49	0.8	66	E19563	<1	2	42	E1139	4	31	<5	<5	7	<2	<2	83	16	2	9945	0.76	<0.01	0.52	5.33	<0.01	0.05	40	<10	
R9618371	158.0 159.5	52	124	58	<4	<2	7173	<1	5	33	7.05	2	36	<5	<5	7	<2	<2	157	11	3	6373	0.76	<0.01	0.1	3.29	<0.01	0.08	<10	<10	
R9618372	159.5 161.0	99	19	29	<4	29	8682	<1	15	36	3.92	<2	36	<5	<5	13	<2	<2	192	23	9	5578	0.53	<0.01	0.18	3.24	<0.01	0.12	<10	<10	
R9618373	161.0 162.6	71	223	162	0.5	515	7278	3	22	59	7.62	2	34	<5	<5	8	<2	<2	174	6	<2	7627	0.92	<0.01	0.12	3.06	<0.01	0.08	40	<10	
R9618374																															

R9616192	177.1	178.5	54	95	58	<4	23	7781	<1	7	104	0.77	13	87	<5	6	3	<2	<2	26	<2	6	93	0.06	<0.1	0.18	0.12	<0.1	0.08	<10
R9616193	178.5	180.0	60	33	852	0.5	23	E20172	<1	5	23	2.69	3	60	<5	19	2	<2	<2	87	<4	4	1218	0.31	<0.1	0.79	0.36	0.01	0.08	<10
R9616194	180.0	181.5	43	90	892	<4	<2	E14859	<1	7	24	0.77	4	57	<5	<5	2	<2	<2	68	2	4	102	0.09	<0.1	0.37	0.28	<0.1	0.07	<10
R9616195	181.5	183.3	47	55	1629	0.6	9	E12114	1	8	25	0.88	18	65	<5	6	2	<2	<2	56	2	3	58	0.08	<0.1	0.3	0.19	<0.1	0.08	<10
R9616196	183.5	185.0	44	25	212	0.8	18	7745	<1	3	15	0.72	4	75	<5	<5	4	5	<2	37	2	7	37	0.08	<0.1	0.22	0.11	<0.1	0.08	<10
R9616197	185.0	186.5	56	107	1050	<4	3	7878	3	3	14	0.66	6	82	<5	<5	3	3	<2	87	<2	4	91	0.1	<0.1	0.21	0.22	<0.1	0.05	<10
R9616365	187.7	187.8	58	9	37	1.7	90	E11877	<1	3	28	1.27	5	58	<5	<5	3	<2	<2	85	<2	3	102	0.08	<0.1	0.33	0.21	<0.1	0.09	<10
R9616366	190.5	190.6	70	6	23	0.8	80	8507	<1	2	24	2.01	38	88	8	15	4	<2	<2	167	2	3	1372	0.25	<0.1	0.35	0.53	<0.1	0.05	<10
R9616367	193.0	193.1	79	<4	31	0.8	29	4455	<1	1	22	1.82	5	54	<5	<5	6	<2	<2	41	<2	3	156	0.1	<0.1	0.48	0.12	<0.1	0.04	<10
R9616368	196.0	196.1	35	4	38	0.5	23	7010	<1	1	23	0.97	7	66	<5	<5	3	<2	<2	238	<2	3	218	0.19	<0.1	0.21	0.38	<0.1	0.05	<10
R9616369	198.8	198.7	43	5	40	<4	9	8036	<1	3	28	1.26	<2	56	5	22	3	4	<2	14	<2	3	98	0.08	<0.1	0.18	0.03	<0.1	0.07	<10
R9616370	199.7	199.8	48	6	54	0.6	<2	E11474	<1	7	35	1.43	<2	40	19	<5	3	3	<2	78	3	5	214	0.33	<0.1	0.21	0.37	<0.1	0.09	<10
R9616371	203.0	203.1	61	7	19	0.8	2	6607	<1	1	10	1.08	3	59	13	<5	2	<2	<2	74	<2	2	111	0.13	<0.1	0.13	0.17	<0.1	0.04	<10
R9616372	205.8	205.9	130	<4	21	<4	<2	7655	<1	2	18	0.71	2	60	12	6	3	<2	<2	37	<2	3	107	0.05	<0.1	0.15	0.06	<0.1	0.06	<10
R9616373	208.9	209.0	58	4	28	1.3	105	7839	<1	7	56	0.92	4	87	10	11	3	<2	<2	86	<2	2	62	0.07	<0.1	0.32	0.14	<0.1	0.04	<10
R9616374	211.5	211.6	59	9	107	0.4	42	6242	<1	5	48	0.74	2	63	<5	6	4	<2	<2	20	<2	3	15	0.02	<0.1	0.14	0.02	<0.1	0.08	<10
R9616375	213.7	213.8	77	17	164	0.7	11	E11468	<1	9	47	0.62	3	46	<5	<5	3	<2	<2	54	<2	5	37	0.04	<0.1	0.23	0.09	<0.1	0.12	<10
R9616376	216.0	216.1	14	15	17	0.4	<2	6888	<1	<1	3	0.3	2	91	15	11	3	<2	<2	38	<2	<2	93	0.06	<0.1	0.09	0.17	<0.1	0.02	<10
R9616377	218.3	218.4	54	13	7	0.8	<2	E52884	<1	3	13	0.82	4	49	<5	7	3	<2	<2	117	2	4	101	0.11	<0.1	0.25	0.29	<0.1	0.1	<10
R9616378	221.3	221.4	15	4	7	<4	<2	E48563	<1	2	11	0.59	4	78	<5	10	3	<2	<2	53	<2	3	72	0.07	<0.1	0.28	0.17	<0.1	0.08	<10
R9616379	223.5	223.6	40	46	12	0.4	32	2501	<1	7	42	0.85	4	86	<5	12	2	<2	<2	13	<2	2	76	0.04	<0.1	0.09	0.12	<0.1	0.08	<10
R9616198	226.4	227.9	72	125	795	0.4	23	1774	<1	4	52	1.91	<2	84	<5	17	3	<2	<2	10	<2	2	54	0.05	<0.1	0.18	0.19	<0.1	0.04	<10
R9616199	227.9	229.4	43	83	737	<4	31	1139	<1	3	39	1.83	3	99	<5	14	2	2	<2	9	<2	2	38	0.01	<0.1	0.07	0.28	<0.1	0.05	<10
R9616200	229.4	230.9	60	86	743	<4	2	1088	<1	3	33	2	<2	90	<5	6	4	2	<2	2	<2	2	96	0.03	<0.1	0.1	0.1	<0.1	0.08	<10
R9616201	230.9	232.9	101	28	72	<4	15	1454	<1	7	22	1.02	2	56	<5	10	5	<2	<2	106	12	4	787	0.09	<0.1	0.29	5.44	<0.1	0.14	<10
R9616202	233.1	234.3	89	92	91	<4	<2	920	<1	9	59	1.72	2	65	<5	<5	7	2	<2	14	2	3	572	0.15	<0.1	0.17	0.98	<0.1	0.18	<10
R9616203	234.3	235.3	63	228	3250	0.5	<2	771	4	6	58	2.52	4	61	<5	<5	5	<2	<2	13	<2	2	451	0.18	<0.1	0.14	0.85	<0.1	0.15	<10
R9616204	235.3	236.3	54	284	5108	0.5	<2	828	15	6	49	3.3	3	64	<5	15	4	<2	<2	11	<2	<2	742	0.16	<0.1	0.18	0.68	<0.1	0.14	<10
R9616205	236.3	237.2	70	425	3039	<4	4	926	8	9	70	3.28	3	60	<5	11	6	<2	<2	15	3	2	951	0.18	<0.1	0.2	0.87	<0.1	0.17	<10
R9616206	237.2	238.7	62	291	498	<4	8	722	1	4	30	2.39	2	58	<5	9	6	<2	<2	115	17	5	1497	0.22	<0.1	0.28	6.84	<0.1	0.15	<10
R9616207	238.7	240.2	78	21	20	<4	5	743	<1	3	13	3.12	<2	68	7	8	3	<2	<2	28	2	2	1189	0.27	<0.1	0.14	1.5	<0.1	0.18	<10
R9616208	240.2	241.7	68	26	11	<4	<2	824	<1	3	12	1.56	<2	70	<5	<5	3	<2	<2	30	5	4	628	0.13	<0.1	0.17	1.63	<0.1	0.15	<10
R9616209	241.7	242.8	102	48	99	<4	<2	712	<1	6	34	2.28	2	57	<5	<5	4	<2	<2	91	12	4	2710	0.23	<0.1	0.26	5.45	<0.1	0.14	<10
R9616210	242.8	244.4	67	139	1029	<4	10	1040	1	9	62	0.98	3	66	<5	<5	6	<2	<2	8	2	6	182	0.07	<0.1	0.19	0.24	<0.1	0.18	<10
R9616211	244.4	246.3	80	292	2385	0.7	68	963	5	12	78	2.88	7	75	<5	8	11	<2	<2	24	3	4	1306	0.18	<0.1	0.23	0.84	<0.1	0.17	<10
R9616212	247.1	248.2	27	82	127	<4	29	1225	<1	7	28	3.1	2	27	<5	<5	4	<2	<2	287	15	3	1530	1.56	<0.1	0.26	8.03	<0.1	0.15	<10
R9616213	248.5	249.5	37	341	740	0.6	49	403	2	3	22	5.9	3	78	<5	8	<2	<2	<2	48	4	<2	628	0.13	<0.1	0.12	3.32	<0.1	0.09	20
R9616214	249.5	250.5	32	364	518	0.7	<2	705	2	2	21	4.83	2	69	<5	13	3	<2	<2	32	4	<2	716	0.2	<0.1	0.18	2.74	<0.1	0.13	<10
R9616215	250.5	251.4	15	219	81	<4	<2	602	<1	11	17	1.79	<2	63	<5	12	2	<2	<2	45	20	3	1257	0.09	<0.1	0.28	5.77	<0.1	0.12	<10
R9616216	251.4	252.4	41	419	6429	1.1	24	633	29	7	33	3.98	2	69	6	8	6	<2	<2	53	17	4	884	0.13	<0.1	0.26	3.22	<0.1	0.1	<10
R9616217	252.4	253.4	91	234	1850	0.6	19	530	9	13	96	5.2	17	79	<5	7	4	<2	<2	75	7	<2	982	0.21	<0.1	0.08	3.31	<0.1	0.07	<10
R9616380	255.0	255.1	44	<4	44	0.4	90	1889	<1	26	68	3.74	2	13	<5	<5	<2	<2	<2	242	8	2	886	1.84	<0.1	0.18	7.94	<0.1	0.21	<10
R9616381	256.3	256.4	37	340	3373	1.1	4	1387	15	5	18	2.07	3	55	<5	<5	3	<2	<2	8	2	4	119	0.05	<0.1	0.23	0.19	<0.1	0.22	<10
R9616382	257.9	258.0	13	<4	55	0.4	<2	4535	<1	13	10	5.26	4	5	<5	8	12	<2	<2	206	13	7	1161	0.44	<0.1	0.49	7.73	<0.1	0.46	<10
R9616383	260.2	260.3	68	248	3129	1.3	62	5335	11	34	76	5.04	14	17	10	16	11	<2	<2	128	20	5	1055	0.37	<0.1	1.39	5.2	<0.1	0.28	<10
R9616384	264.8	264.9	31	8	70	<4	12	5432	<1	7	36	1.77	2	43	11	<5	4	<2	<2	176	4	8	1388	0.87	<0.1	0.3	1.41	<0.1	0.18	<10
R9616385	267.9	268.0	78	8	46	0.8	5	7274	<1	6	22	1.39	4	83	7	6	8	<2	<2	99	2	8	144	0.36	<0.1	0.6	0.36	<0.1	0.14	<10
R9616386	270.3	270.4	62	9	123	0.8	9	7979	<1	4	51	1.99	6	59	<5	12	7	<2	<2	127	3	7	422	0.35	<0.1	0.25	0.44	<0.1	0.13	140
R9616387	272.6	272.7	33	7	48	0.4	2	5357	<1	4	28	0.9																		

R9616218	300.4	301.9	19	173	27	0.7	42	6220	<1	4	8	1.94	4	23	6	9	Q	5	Q	103	8	6	160	0.52	<0.1	0.28	1.28	<0.1	0.08	<10	
R9616219	301.9	302.9	15	125	24	2	59	7370	<1	3	19	6.8	8	41	6	16	Q	Q	Q	39	8	5	108	0.25	<0.1	0.22	0.61	0.01	0.07	<10	
R9616220	302.9	303.9	11	104	11	1.3	50	E10218	<1	2	18	6.65	8	36	<5	10	Q	Q	Q	3	35	7	7	92	0.28	<0.1	0.29	0.65	0.01	0.06	<10
R9616397	304.6	304.7	12	30	7	0.6	19	7391	<1	4	4	0.97	6	18	Q	9	Q	Q	Q	3	88	11	16	184	0.3	<0.1	0.51	1.62	<0.1	0.19	<10
R9616398	305.5	305.6	60	18	125	0.7	55	7057	<1	10	51	1.78	3	94	Q	Q	Q	Q	Q	136	3	7	617	0.51	<0.1	0.36	1.4	<0.1	0.15	<10	
R9616399	308.3	308.4	65	8	44	0.8	36	8990	<1	11	55	1.51	Q	68	7	Q	11	Q	Q	2	73	3	8	463	0.28	<0.1	0.3	0.88	<0.1	0.17	<10
R9616400	312.5	313	59	9	47	1.5	63	2722	1	<1	49	1.98	4	113	<5	37	70	Q	2	60	6	4	33	0.02	<0.1	0.28	0.37	<0.1	0.11	20	
R9616401	315.2	315	141	<4	305	2.5	123	1888	6	1	95	1.45	15	147	6	91	85	Q	Q	2	84	3	5	55	0.01	<0.1	0.18	0.16	<0.1	0.08	<10
R9616402	319.9	320	56	16	1473	2.3	83	1685	17	1	108	7.2	46	108	<5	46	56	Q	Q	Q	19	2	Q	28	0.01	<0.1	0.14	0.1	<0.1	0.07	<10
R9616403	324.1	324	50	5	45	1.6	71	1329	1	2	89	1.36	13	147	11	35	71	Q	2	162	8	4	38	0.01	<0.1	0.21	0.39	<0.1	0.08	<10	
R9616404	328.3	328	131	6	368	3.6	61	1642	4	3	146	1.58	7	152	6	49	29	Q	Q	2	85	6	13	29	0.01	<0.1	0.21	0.2	<0.1	0.06	<10
R9616405	332.4	333	107	10	220	3.1	42	2144	2	4	165	2.08	24	164	6	41	173	Q	Q	Q	240	23	7	62	0.02	<0.1	0.43	1.09	<0.1	0.13	<10
R9616406	334	334	90	4	222	2.7	32	2653	3	4	170	1.42	20	159	<5	15	113	Q	Q	Q	253	15	11	82	0.02	<0.1	0.34	0.51	<0.1	0.1	<10
R9616407	336.9	337	86	18	519	3.2	53	4900	6	9	92	4.92	12	62	<5	38	13	Q	Q	Q	45	5	11	172	0.48	<0.1	0.58	0.76	<0.1	0.08	<10
R9616408	339.6	340	65	17	119	2.5	<2	3926	1	13	42	3.6	<2	67	6	26	3	Q	Q	Q	74	4	5	89	0.28	<0.1	0.3	0.66	<0.1	0.16	<10
R9616409	342.9	343	98	19	232	3.1	168	2919	4	10	84	5.69	8	79	<5	41	36	Q	Q	Q	67	8	4	78	0.21	<0.1	0.34	0.7	<0.1	0.18	20
R9616410	346.6	347	61	11	55	1.1	8	2788	<1	12	29	3.45	2	42	<5	8	Q	Q	Q	Q	132	4	4	456	0.91	<0.1	0.3	2.54	<0.1	0.21	<10

Purpose: Test BO-D HLEM conductor and near coincident Mag anomaly.

COMINCO LTD.

DRILL HOLE RECORD

***	Dip Tests	***
Depth	Azi.	Dip

Page: 1 of 6

Drill Hole: BO96-01

Company:
Easting: 16900 E
Northing: 18800 N
Property Name: BOOT PROPERTY
Grid: BOOT
Drilled by: LF-70
Core Size: NQ
Completed: August 7, 1996
Date(s) Logged: August 10-11, 1996
NTS: 105 G 1

[illegible]

[illegible]

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Log (m)	CU PPM	PB PPM	ZN PPM	AG PPM	BA (4) PPM	AU PPB
			Strongly calcareous, light to medium grey, medium banded/bedded to laminated interval comprised predominantly of interbanded, very fine to fine to medium-grained calcite (almost porphyroblastic to augened textured where medium-grained) with varying proportions (15-40%) of intermixed, dark grey to black, fine argillaceous material and argillaceous fragments (flattened; up to 10 mm) and lesser (10-15%), fine interlaminated, light brownish green tuffaceous material. Carbonate-rich interbeds are locally crudely graded (normally graded?) suggesting deposition by turbidity currents/debris flows. No crinoid fragments were observed. Pyrrhotite (2-5%) occurs as very fine to fine-grained disseminations and wispy disseminations. Pyrite (tr-3%) occurs similarly. Several coarse-grained quartz-calcite-chlorite veins are present. Lower contact is sharp and conformable.	16453	38.7	38.8	.1	12.0	<4	59	<.4	761	<10
			38.5 S2 foliation at 80 to core axis.	16454	41.3	41.4	.1	29.0	4	79	<.4	962	<10
			40.4 40.8 Interval of dark grey to black, weakly calcareous, pyrrhotitic (2-5%) mudstone/silty mudstone with minor carbonate interlamination.										
			42.2 S2 foliation at 83 to core axis.										
44.8	46.4	SISA	INTERBANDED/BEDDED SILTSTONE WITH LESSER ARGILLITE										
			Light to medium grey to dark grey and black, thin interlaminated, fissile interval consisting of laminated to thin bedded, dark grey to black, generally weakly carbonaceous mudstone (45%) with interlaminated to medium interbedded, light to medium grey to greenish grey, non calcareous, very fine-grained tuffaceous siltstone (30%) and lesser, interlaminated to thin interbedded, slightly more siliceous, light to medium grey siltstone (25%). Pyrrhotite (3-5%) occurs as fine-grained and flattened blebby disseminations and often appear more concentrated within the tuffaceous siltstone interbeds relative to the siltstone and mudstone intervals. Conversely, pyrite (2-5%) occurs as fine and blebby disseminations, discontinuous laminations and flattened nodules, primarily within the mudstone units. Pyrite also occurs in late sulphide-rich fractures and as medium-grained pyrite is flattened/boudined quartz-pyrite veins. Lower contact is sharp and conformable.	16455	45.8	45.9	.1	154.0	13	136	1.2	2153	<10
			45.2 S2 foliation at 82 to core axis.										
46.4	47.1	SA	ARGILLITE										
			Black to dark grey, relatively massive bedded mudstone (weakly carbonaceous and more siliceous relative to 27.8-37.9 interval) containing 5-8% pyrrhotite and lesser (5%) pyrite as wispy, discontinuous laminations and fine disseminations. Pyrrhotite and.	16456	46.8	46.9	.1	123.0	10	468	.4	1941	<10
			Pyrite occur as 5-15% fine to medium-grained disseminations and sulphide fragments within boudinaged quartz-sulphide veins (locally perhaps boudined pyritic nodules?). Numerous (2-3%), rounded, elongate black graphite-pyrite nodules with quartz pressure shadows are scattered throughout. These nodules range from 3-27 mm. Lower contact appears sharp and conformable (2 thin gouge zones are present near contact).										
47.1	60.0	SISA	INTERBANDED/BEDDED SILTSTONE WITH LESSER ARGILLITE										
			As above 44.8-46.4 interval. Sulphide content maybe higher (5-15% locally) with a high proportion of pyrrhotite to pyrite. Pyrrhotite is also present within more muddy interbeds and fine-grained pyrite laminations are locally	16457	49.9	50.0	.1	144.0	<4	80	<.4	2064	<10
				16458	52.6	52.7	.1	86.0	<4	129	<.4	4614	<10
				16459	55.4	55.5	.1	101.0	21	110	1.5	1403	<10

						Page: 4 of							
From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Lng (m)	CU PPM	PB PPM	ZN PPM	AG PPM	BA(4) PPM	AU PPM
			abundant.										
			48.1 S2 foliation at 81 to core axis.	16460	58.1	58.2	.1	155.0	9	109	.8	1880	<10
			51.2 S2 foliation at 82 to core axis.										
			53.3 3-4 cm thick, light greenish grey, chlorite-quartz-calcite, pyrrhotitic (3-5%) tuffaceous interbed.										
			54.1 57.6 Pyrrhotite content appears to decrease; sulphide content still 10-15%, but predominately pyrite.										
			54.3 S2 foliation at 82 to core axis.										
			57.3 S2 foliation at 82 to core axis.										
			57.6 58.4 Pyrrhotite content increases reflecting more abundant tuffaceous siltstone interbeds(?).										
			59.7 59.8 Light greenish grey, fine-grained, pyrrhotitic tuffaceous interbed.										
60.0	60.4	MAT	MAFIC ASH TUFF Light greenish grey, strongly foliated and internally laminated, fine-grained chlorite-quartz and minor calcite intermediate-mafic(?) reworked ash tuff with trace, bright green mariposite/fuchsite and trace-5% fine disseminated pyrrhotite (perhaps concentrated adjacent to top and bottom contacts). Several thin quartz-calcite veins are present. 60.3 S2 foliation at 81 to core axis.	16461	60.1	60.2	.1	50.0	5	60	<.4	945	<10
60.4	97.3	LSI	CALCAREOUS SILTSTONE Medium to dark grey, fissile interval comprising predominantly of strongly foliated, thin to medium bedded, medium grey, weak to moderately calcareous siltstone/silty mudstone(75-80%) with interlaminated, dark grey, non carbonaceous mudstone/silty mudstone(10-20%) and minor light greenish grey, tuffaceous siltstone(5-10%). Pyrite (5-10%) and trace-3% pyrrhotite occur as fine-grained disseminations, thin laminations and flattened, elongate nodules. Quartz-calcite-pyrite veins are present throughout. Late pyritic fractures are also scattered throughout. 62.6 S2 foliation at 85 to core axis. 65.7 S2 foliation at 82 to core axis. 67.3 S2 foliation at 82 to core axis. 69.3 S2 foliation at 82 to core axis. 69.5 Thin gouge and broken zone. 72.2 Thin broken zone with weak gouge development. 72.5 74.5 Interval of poor core recovery with several broken and gouged zones. 73.0 S2 foliation at 73 to core axis. 75.6 S2 foliation at 80 to core axis. 77.2 77.3 Broken zones with minor gouge developed. 77.3 78.5 Generally non calcareous interval reflecting higher proportion of dark grey mudstone/silty mudstone lithologies. 78.6 S2 foliation at 86 to core axis. 80.4 Thin gouge zones. 81.3 S2 foliation at 83 to core axis. 81.5 81.7 Thin gouge zones and broken interval. 81.7 81.8 Coarse quartz-muscovite vein. 81.8 82.0 Light green grey, thin to medium bedded, chlorite-sericite-quartz mafic(?) tuff with trace-3% pyrite and minor calcite. 82.0 82.1 Coarse quartz-pyrite(5%)-muscovite vein. 82.2 82.8 Coarse quartz-chlorite-pyrite vein.	16462	62.2	62.3	.1	19.0	7	58	<.4	2059	<10
				16463	65.2	65.3	.1	19.0	<4	73	<.4	2082	<10
				16464	67.9	68.0	.1	15.0	<4	48	<.4	1929	<10
				16465	70.8	70.9	.1	18.0	<4	66	<.4	1733	<10
				16466	74.5	74.6	.1	14.0	4	52	<.4	1584	<10
				16467	77.7	77.8	.1	150.0	29	143	.6	1508	<10
				16468	80.6	80.7	.1	32.0	10	56	<.4	1993	<10
				16469	84.7	84.8	.1	52.0	<4	93	<.4	2502	<10
				16470	87.7	87.8	.1	14.0	24	46	<.4	1934	<10
				16471	90.6	90.7	.1	50.0	4	67	<.4	1853	<10
				16472	93.3	93.4	.1	19.0	6	57	<.4	2121	<10
				16473	96.5	96.6	.1	16.0	<4	39	<.4	1385	<10

[illegible]

[illegible]

DDH B096-01			V960673R																														
LAB NO	DRILL INTE		Cu	Pb	Zn	Ag	As	Ba(4)	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	Au			
	From	To	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	ppb		
R9616447	11.1	11.2	24	10	74	<4	7	1708	<1	6	15	2.31	3	22	6	8	13	5	<2	287	14	22	398	2.24	<0.01	1.22	9.19	<0.01	0.19	<10			
R9616448	15.8	15.9	22	7	89	<4	14	1892	<1	9	23	2.62	3	36	6	22	13	<2	<2	192	10	38	190	1.77	0.03	2.08	4.84	0.01	0.56	<10			
R9616449	19.6	19.7	19	<4	62	<4	3	1588	<1	12	21	3.18	5	34	6	23	13	<2	<2	126	12	38	309	1.88	0.02	2.2	4.17	0.01	0.44	<10			
R9616450	25.5	25.6	23	6	35	<4	9	881	<1	11	20	3.11	4	28	6	10	10	<2	<2	283	16	26	777	2.03	0.01	1.07	8.8	0.01	0.28	<10			
R9616451	32.0	32.1	31	14	8	<4	48	1847	<1	4	52	1.72	2	28	6	6	8	<2	<2	61	8	13	108	0.7	<0.01	0.12	1.44	<0.01	0.08	<10			
R9616452	35.7	35.8	64	14	8	0.5	47	1117	<1	4	100	1.61	39	42	6	15	129	<2	<2	72	15	12	174	1.03	<0.01	0.16	2.23	<0.01	0.1	<10			
R9616453	38.7	38.8	12	<4	59	<4	78	761	<1	47	77	5.02	<2	100	6	11	25	<2	<2	524	14	19	877	2.47	0.02	2.79	E12.59	<0.01	0.02	<10			
R9616454	41.3	41.4	29	4	79	<4	26	962	<1	22	82	4.71	6	84	6	14	21	<2	<2	607	17	13	542	1.9	0.02	1.85	E14.04	<0.01	0.04	<10			
R9616455	45.8	45.9	154	13	136	1.2	9	2153	1	16	62	4.75	22	33	6	6	19	<2	<2	70	17	36	277	0.7	<0.01	0.41	1.44	<0.01	0.19	<10			
R9616456	46.8	46.9	123	10	468	0.4	7	1941	5	8	71	2.51	52	45	6	18	73	<2	<2	61	29	24	98	0.28	<0.01	0.59	1.77	<0.01	0.28	<10			
R9616457	49.9	50.0	144	<4	80	<4	4	2084	<1	12	37	2.6	5	43	6	6	18	<2	<2	48	14	35	187	0.82	<0.01	0.86	1.25	0.01	0.2	<10			
R9616458	52.6	52.7	86	<4	129	<4	14	4614	<1	4	12	1.61	15	16	6	5	2	<2	<2	51	19	87	110	0.69	<0.01	0.7	1	0.01	0.22	<10			
R9616459	55.4	55.5	101	21	110	1.5	30	1403	2	8	40	2.89	20	44	6	8	27	<2	<2	57	13	22	166	0.69	<0.01	0.33	1.36	<0.01	0.16	<10			
R9616460	58.1	58.2	155	9	109	0.8	<2	1880	1	17	49	4.53	18	31	6	8	14	<2	<2	92	18	36	368	1	<0.01	0.41	2.09	<0.01	0.17	<10			
R9616461	60.1	60.2	50	5	60	<4	185	945	1	52	444	4.81	<2	200	5	21	17	<2	<2	480	10	21	1146	6.06	<0.01	0.91	E10.75	<0.01	0.08	<10			
R9616462	62.2	62.3	19	7	58	<4	<2	2059	<1	9	22	2.58	<2	16	6	6	3	<2	<2	200	16	28	443	1.45	<0.01	0.54	7.56	<0.01	0.24	<10			
R9616463	65.2	65.3	19	<4	73	<4	<2	2082	<1	10	25	2.49	2	22	6	7	7	<2	<2	134	12	35	228	1.3	0.01	1.25	4.63	0.01	0.22	<10			
R9616464	67.9	68.0	15	<4	48	<4	24	1929	<1	7	19	3.24	2	28	6	10	13	<2	<2	114	12	38	447	2.29	0.03	2.03	6.39	<0.01	0.55	<10			
R9616465	70.8	70.9	18	<4	68	<4	<2	1733	<1	9	25	3.23	5	31	6	11	13	<2	<2	95	11	30	384	1.93	0.02	1.59	4.72	<0.01	0.47	<10			
R9616466	74.5	74.6	14	4	52	<4	10	1584	<1	9	20	3.41	4	25	6	17	8	<2	<2	157	11	29	517	2.53	0.03	1.48	7.67	0.01	0.39	<10			
R9616467	77.7	77.8	150	29	143	0.6	<2	1508	<1	18	62	3.68	8	47	6	13	42	<2	<2	50	12	29	362	1.03	0.02	0.85	2.48	<0.01	0.39	<10			
R9616468	80.6	80.7	32	10	56	<4	<2	1993	<1	9	22	2.22	4	35	6	8	8	<2	<2	85	10	36	321	0.99	0.01	0.8	3.64	<0.01	0.28	<10			
R9616469	84.7	84.8	52	<4	83	<4	2	2502	<1	17	36	4.32	6	25	6	5	4	<2	<2	13	10	61	329	1.03	<0.01	1.33	0.18	<0.01	0.13	<10			
R9616470	87.7	87.8	14	24	46	<4	8	1934	<1	9	19	3.12	<2	19	6	5	<2	<2	<2	154	11	34	996	1.99	<0.01	0.22	5.68	<0.01	0.14	<10			
R9616471	90.8	90.7	50	4	67	<4	<2	1853	<1	12	29	3.13	4	24	6	6	4	<2	<2	151	13	34	517	1.96	<0.01	0.32	5.48	<0.01	0.14	<10			
R9616472	93.3	93.4	19	6	57	<4	<2	2121	<1	8	21	2.96	3	24	6	8	2	<2	<2	156	13	40	393	1.65	<0.01	0.35	5.22	<0.01	0.16	<10			
R9616473	96.5	96.6	18	<4	39	<4	<2	1395	<1	9	18	3.2	<2	31	6	6	2	<2	<2	228	15	30	603	2.6	<0.01	0.22	7.41	<0.01	0.13	<10			
R9616474	100.7	100.8	6	4	59	<4	16	152	<1	1	26	1.24	8	36	6	11	109	<2	<2	346	15	3	786	7.15	<0.01	0.04	E12.79	<0.01	0.02	<10			
R9616475	106.5	106.6	94	9	585	0.8	123	1271	7	4	128	1.55	40	75	6	29	130	<2	<2	47	18	6	89	0.49	<0.01	0.12	1.74	<0.01	0.07	<10			
R9616476	108.8	108.9	65	8	909	<4	34	1312	10	4	116	1.13	44	79	6	13	102	<2	<2	20	10	6	23	0.1	<0.01	0.12	0.42	<0.01	0.07	<10			
R9616477	113.8	113.9	57	<4	103	0.8	<2	1757	<1	43	100	9.48	5	23	6	6	10	<2	<2	80	14	33	533	2.16	<0.01	1.17	4.02	<0.01	0.1	<10			
R9616478	117.1	117.2	110	8	785	<4	<2	1254	8	8	101	3.35	29	69	6	18	78	<2	<2	123	23	11	312	1.24	<0.01	0.2	3.54	<0.01	0.12	<10			
R9616479	119.9	120.0	99	5	603	<4	<2	797	6	8	138	2.1	41	64	6	13	55	<2	<2	67	11	6	231	0.83	<0.01	0.11	1.98	<0.01	0.06	<10			
R9616480	124.0	124.1	144	14	1499	0.7	61	565	19	2	123	0.88	25	112	6	9	158	<2	<2	142	31	7	143	0.95	<0.01	0.13	3.4	<0.01	0.06	<10			

APPENDIX V

1996 STATEMENTS OF EXPENDITURES

WOL PROPERTY**EXPENDITURE ITEM****COST \$****WEST GRID:****TOTAL**

STAFF COSTS	388
DOMICILE	375
LINECUTTING	4,125
GEOCHEMISTRY	1,555
GEOPHYSICS	1,686
HELICOPTER	585
TOTAL	8,714

JASPER CREEK GRID:

GEOLOGY COSTS	965
LINECUTTING	4,125
GEOPHYSICS	2,988
TOTAL	8,076

NORTH GRID:

STAFF COSTS	565
DOMICILE	500
GEOCHEMISTRY	2,296
GEOPHYSICS	4,231
HELICOPTER	975
TOTAL	8,567

MAIN GRID:

STAFF COSTS	6,616
DOMICILE	4,323
LINECUTTING	19,175
GEOCHEMISTRY	12,674
GEOPHYSICS	12,162
HELICOPTER	10,595
TOTAL	65,545

WOL 210 / JACK PROPERTY:

STAFF COSTS	5,214
DOMICILE	3,625
GEOCHEMISTRY	3,146
HELICOPTER	9,815
LEGAL SURVEY	19,987
TOTAL	41,787

WOL REGIONAL:

STAFF COSTS	11,424
DOMICILE	6,045
GEOCHEMISTRY	2,333
HELICOPTER	14,040
TOTAL	53,254

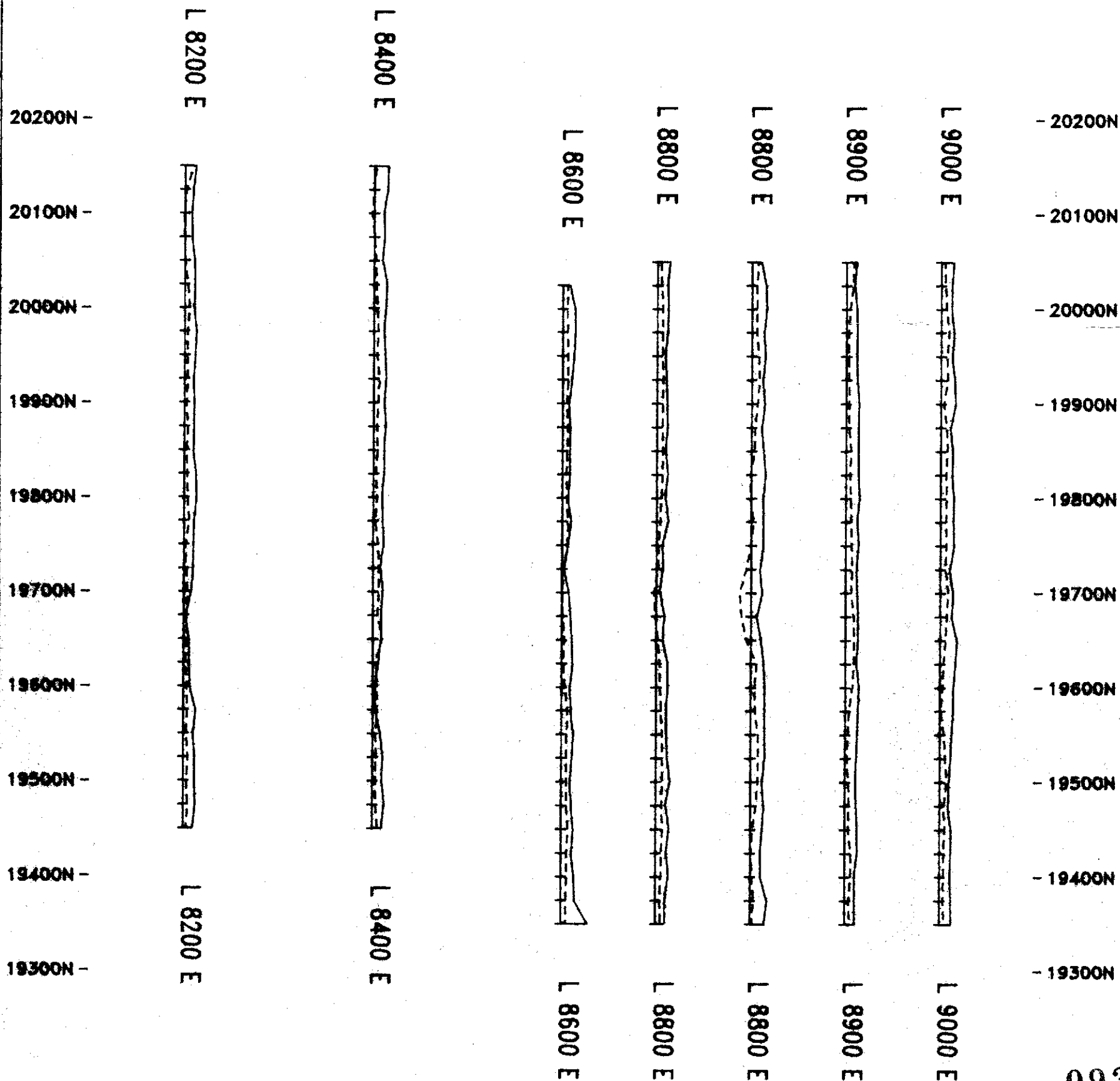
DIAMOND DRILLING:

W088-01	24,405
W088-02	53,391
TOTAL	77,796

GRAND TOTAL	\$263,739
--------------------	------------------

BOOT PROPERTY

<u>EXPENDITURE ITEM</u>	<u>COST \$</u>
GEOLOGY STAFF COSTS	641
GEOCHEMISTRY STAFF COSTS	894
PROSPECTOR STAFF COSTS	1,040
DOMICILE	1,825
LINECUTTING	11,990
GEOCHEMISTRY	5,496
GEOPHYSICS	7,738
HELICOPTER	2,405
DIAMOND DRILLING	21,625
TOTAL	53,254



0936711

Scale 1:5000
50 0 50 100 150 200
(meters)

VERTICAL SCALE:
1cm = 20%

OUT OF PHASE -----
IN PHASE _____

COMINCO EXPLORATION



NTS
105G

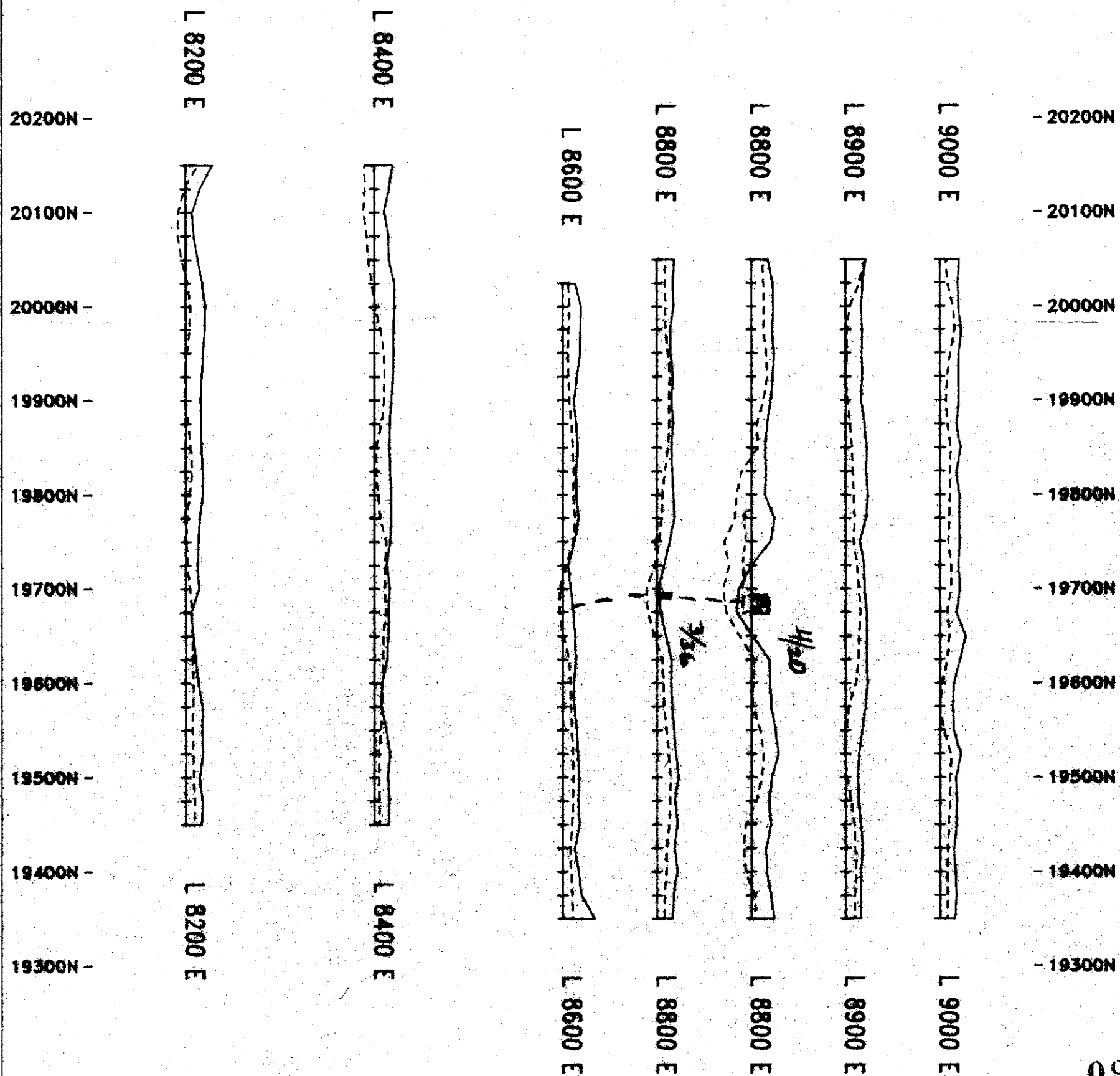
Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:

PELLEY MTN PROPERTIES
WOL-NORTH GRID
HLEM SURVEY: 440 HZ, 100 M C. S.

Scale: as shown

Date: JULY, 1996

Plate: 5a



093671

Scale 1:5000
50 0 50 100 150 200
(meters)

VERTICAL SCALE:
1cm = 20%

OUT OF PHASE -----
IN PHASE _____

COMINCO EXPLORATION

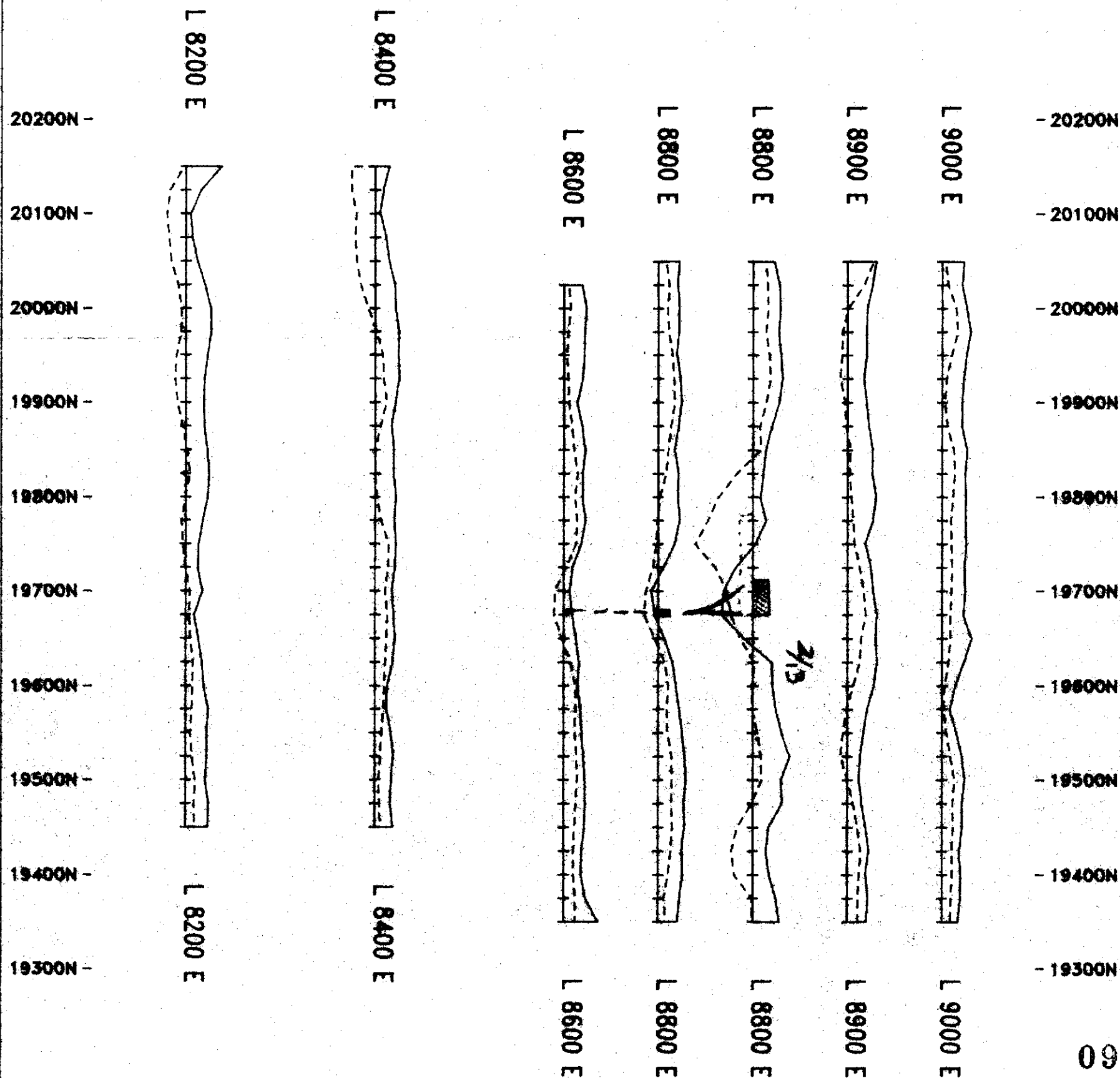


NTS
105G

Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:

PELLEY MTN PROPERTIES
WOL-NORTH GRID
HLEM SURVEY: 1760 HZ, 100 M C. S.

Scale: as shown Date: JULY, 1998 Plate: 5b



0936711

Scale 1:5000
50 0 50 100 150 200
(meters)

VERTICAL SCALE:
1cm = 20%

OUT OF PHASE -----
IN PHASE _____

COMINCO EXPLORATION



MTS
1056

Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:

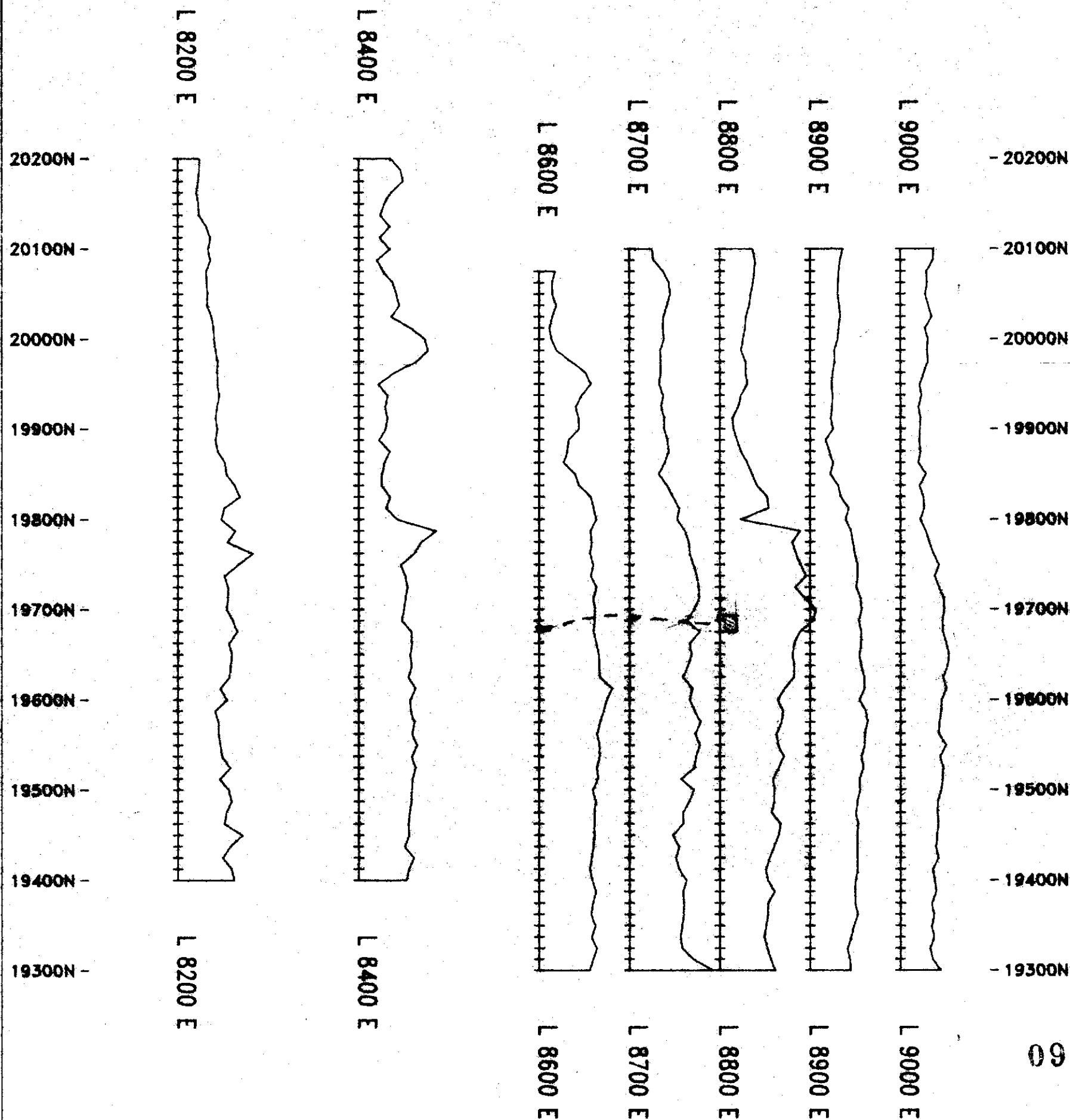
PELLEY MTN PROPERTIES
WOL-NORTH GRID

HLEM SURVEY: 3520 HZ, 100 M C. S.

Scale: as shown

Date: JULY, 1996

Plate: 5c



093671

Scale 1:5000
50 0 50 100 150 200
(meters)

MAGNETIC BASE = 58000 nT
Vert. Scale
1cm = 100nT

COMINCO EXPLORATION



NTS
1056

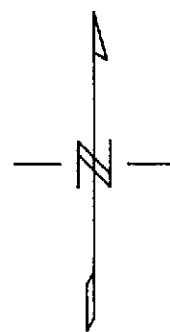
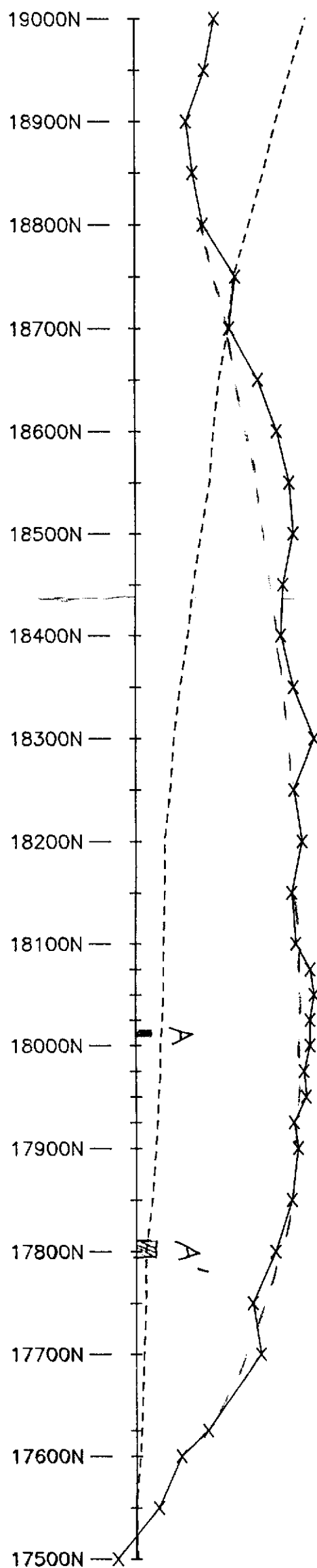
Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:

PELLEY MTN PROPERTIES
WOL-NORTH GRID
TOTAL FIELD MAGNETICS SURVEY

Scale: as shown

Date: JULY, 1996

Plate: 5d



093671

BASE LEVELS:

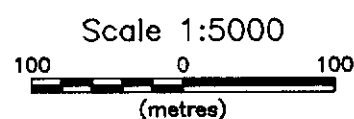
GRAVITY: 206 MGALS

TOPOGRAPHY: 1150 METRES

VERTICAL SCALES:

GRAVITY(SOLID): 1cm=0.25 MGALS

TOPOGRAPHY(DASH): 1cm=25 METRES



COMINCO EXPLORATION



NTS
105G

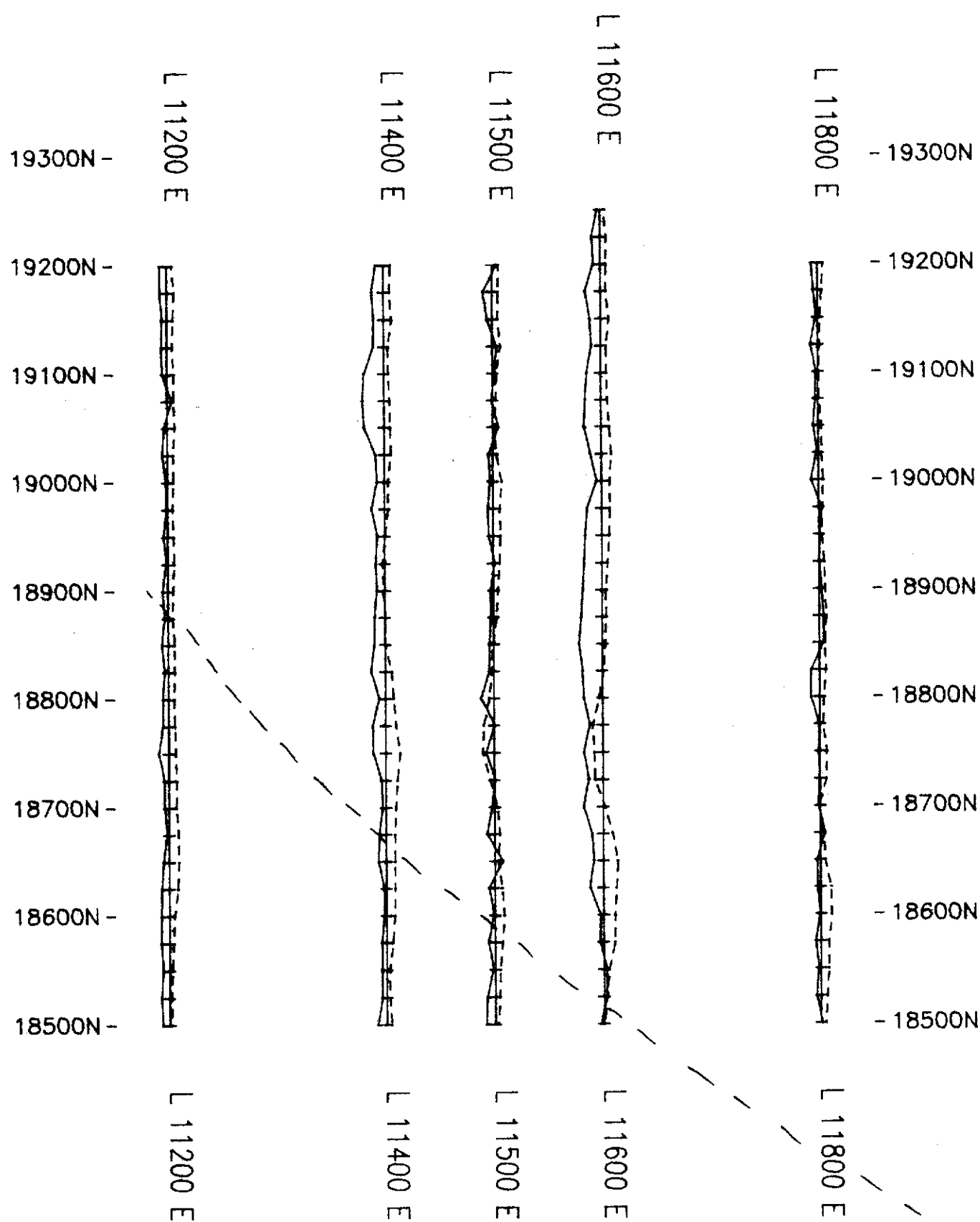
Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:

PELLEY MTN PROPERTIES
MAIN WOL GRID - L 6600E
BOUGUER (d=2.67) GRAVITY SURVEY

Scale: as shown

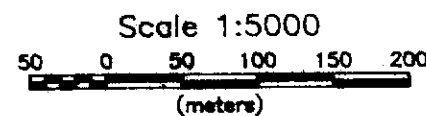
Date: JUN. 1996

Plate: 7e



093671

JASPER
CREEK



VERTICAL SCALE:
1cm = 20%

OUT OF PHASE -----
IN PHASE —————

COMINCO EXPLORATION



NTS
1056

Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:

PELLEY MOUNTAIN PROPERTIES
JASPER CREEK GRID

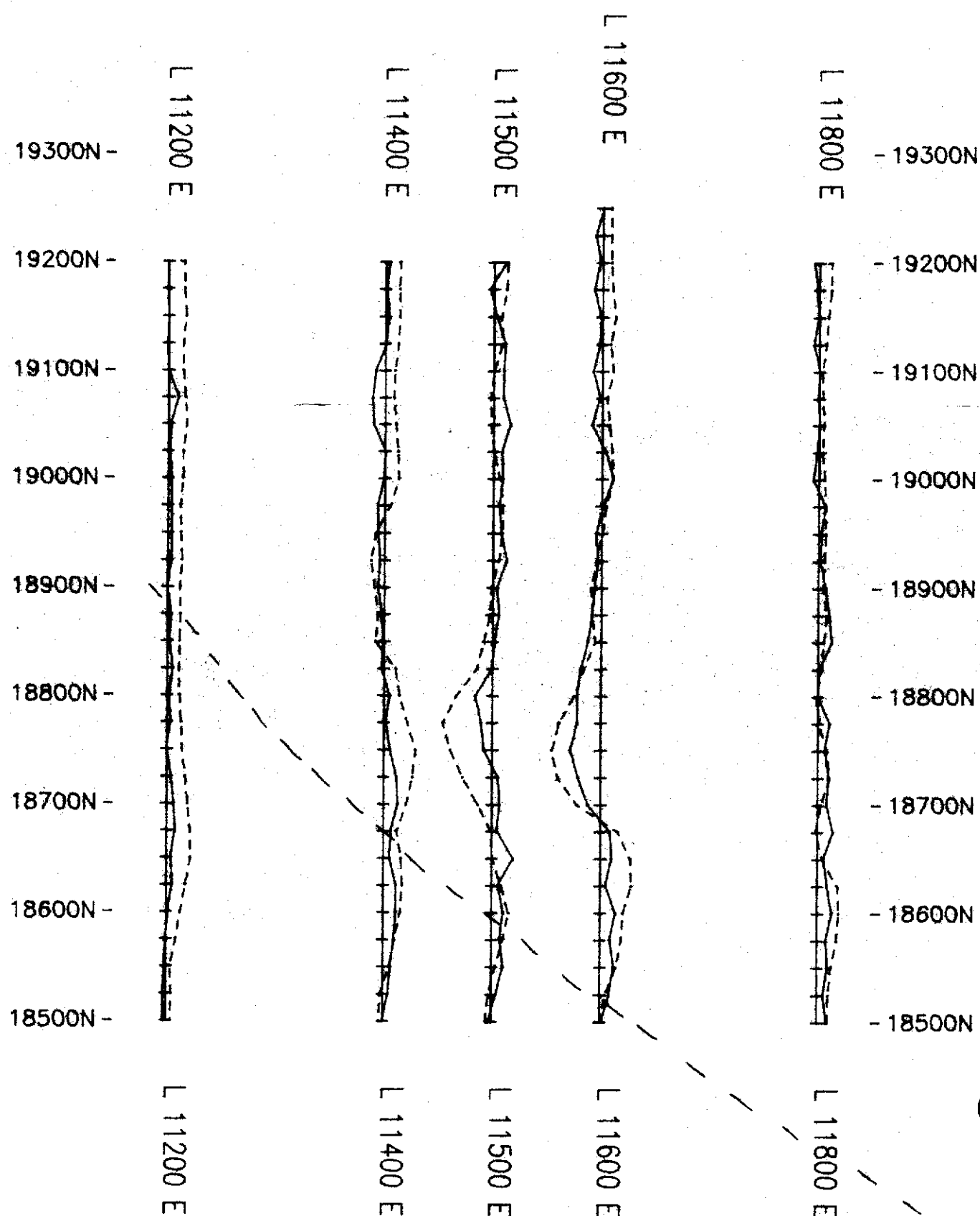
HORIZONTAL LOOP EM SURVEY: 440 Hz.
100 metre coil spacing

Scale: as shown

Date: JULY 1996

Plate:

8a



093671

JASPER
CREEK

Scale 1:5000
50 0 50 100 150 200
(meters)

VERTICAL SCALE:
1cm = 20%

OUT OF PHASE -----
IN PHASE -----

COMINCO EXPLORATION



NTS
105G

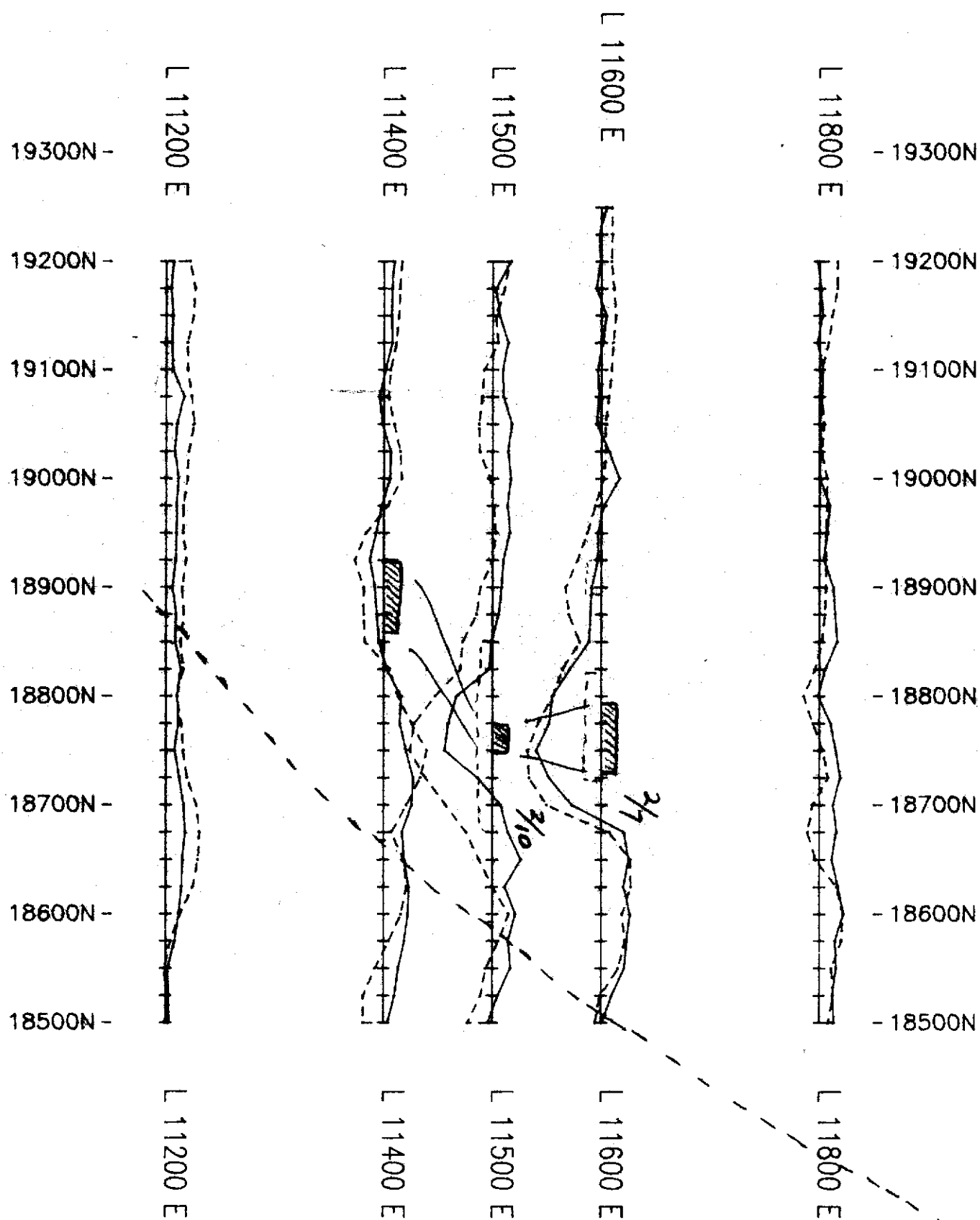
Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:

PELLEY MOUNTAIN PROPERTIES
JASPER CREEK GRID
HORIZONTAL LOOP EM SURVEY: 1760 Hz.
100 metre coil spacing

Scale: as shown

Date: JULY 1996

Plate: 8b



093671

JASPER
CREEK

Scale 1:5000
50 0 50 100 150 200
(meters)

VERTICAL SCALE:
1cm = 20%

OUT OF PHASE -----
IN PHASE -----

COMINCO EXPLORATION

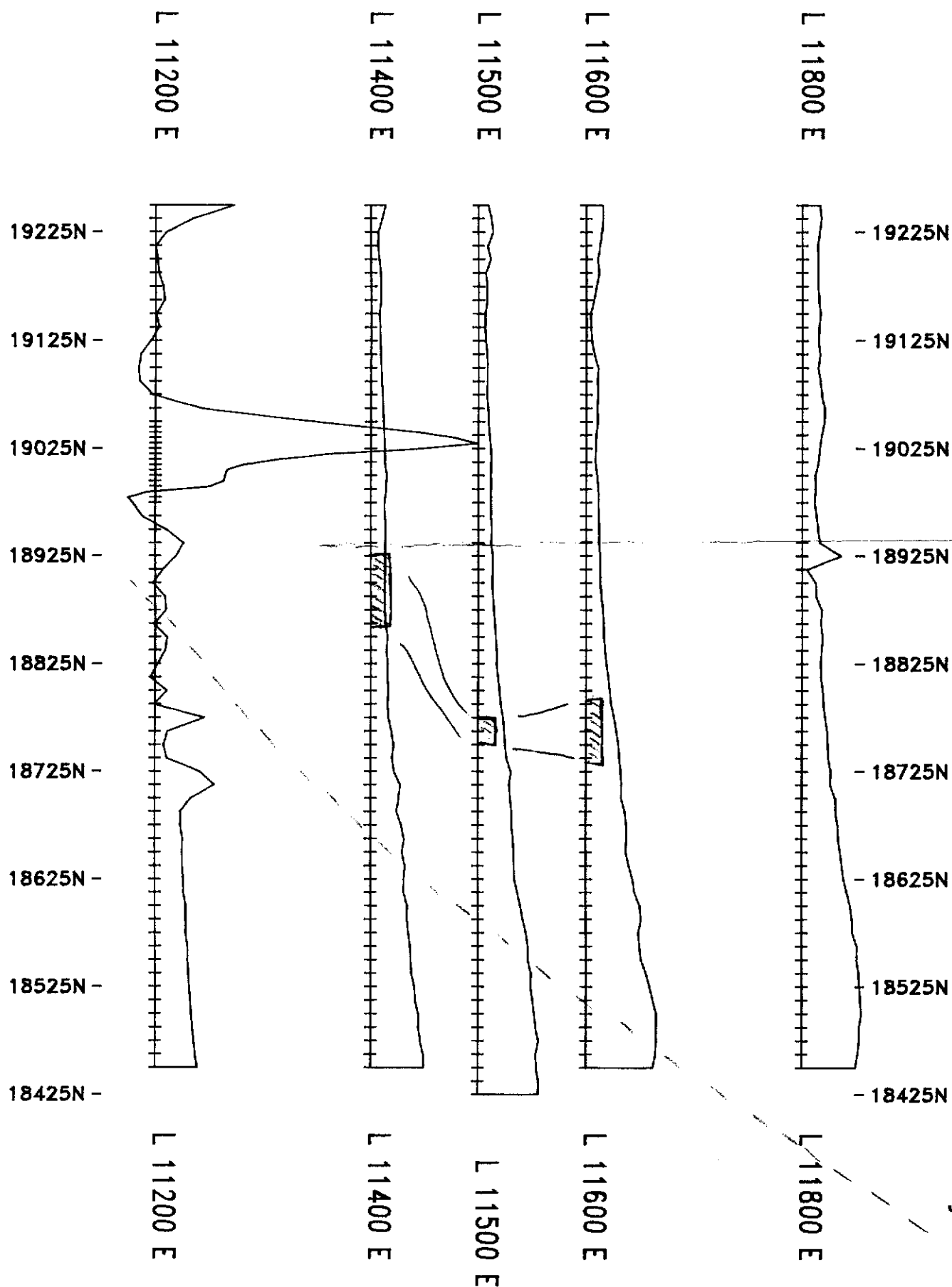


NTS
1056

Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:

PELLY MOUNTAIN PROPERTIES
JASPER CREEK GRID
HORIZONTAL LOOP EM SURVEY: 3520 Hz.
100 metre coil spacing

Scale: as shown Date: JULY 1996 Plate: 8c



MAGNETIC BASE = 58000 nT

Vert. Scale
1cm = 300nT

Scale 1:5000
50 0 50 100 150
(meters)

COMINCO EXPLORATION



NTS
105G

Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:

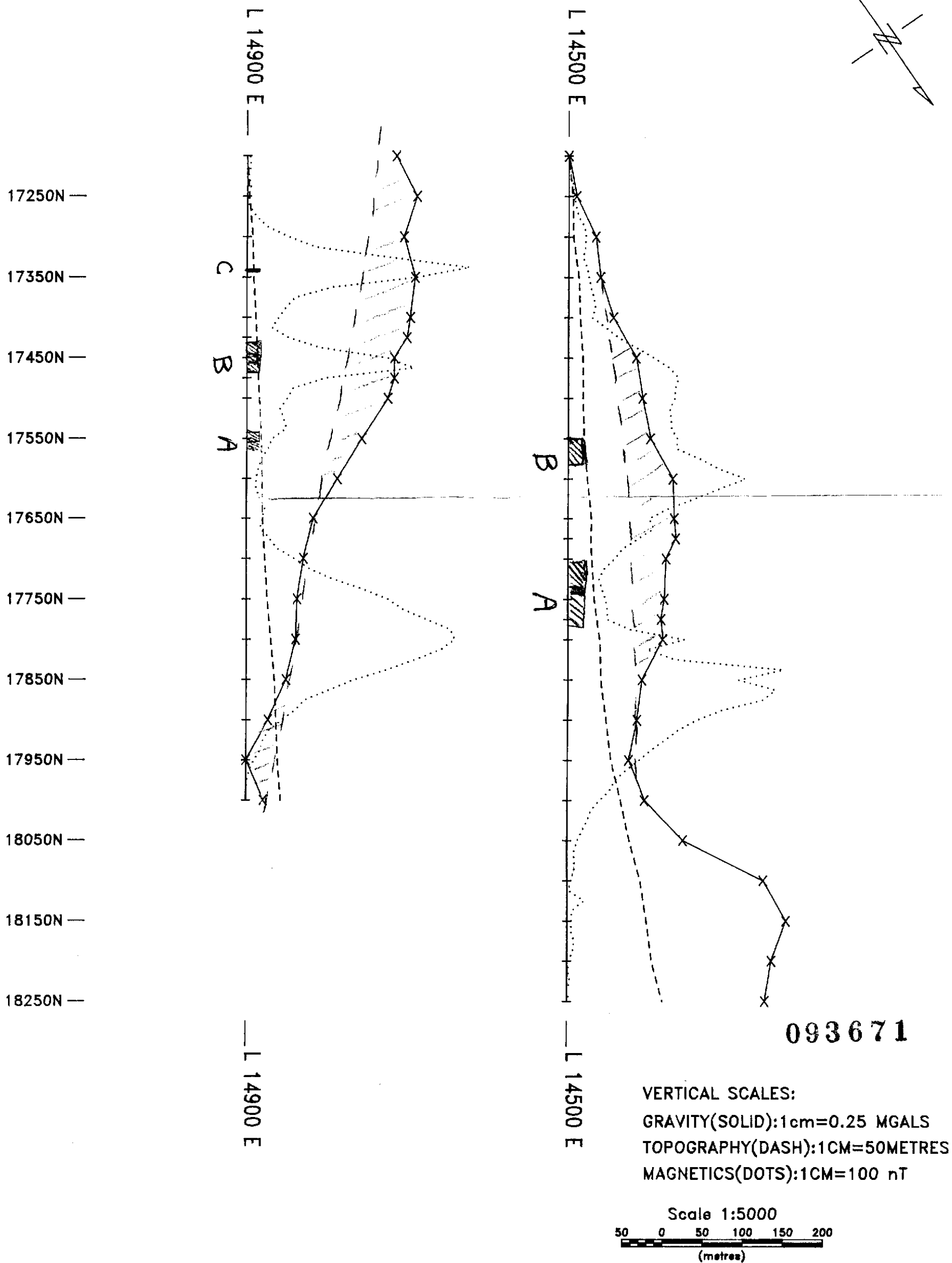
PELLEY MTN PROPERTIES
JASPER CREEK GRID
TOTAL FIELD MAGNETICS SURVEY

Scale: as shown

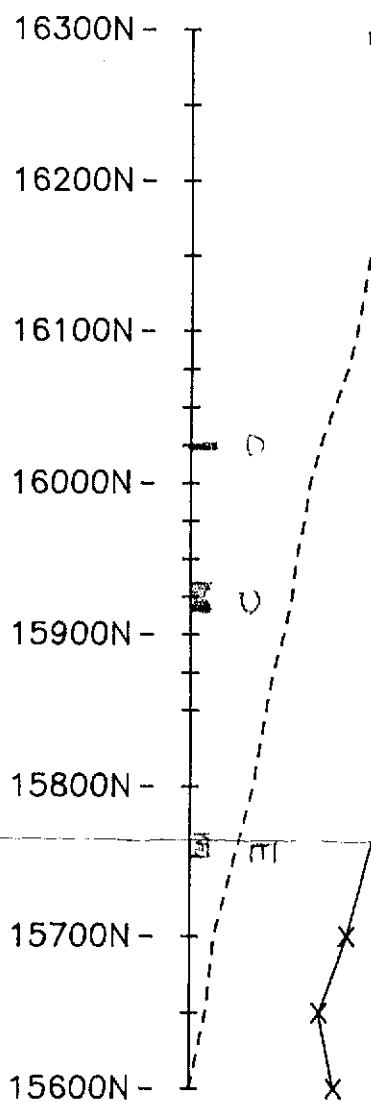
Date: JULY. 1996

Plate: 8d

JASPER
CREEK



COMINCO EXPLORATION				 NTS 105G	
Drawn by:		Traced by:		PELLEY MTN PROPERTIES WOL(210) GRID BOUGUER (d=2.67) GRAVITY SURVEY WITH TOTAL FIELD MAGNETIC PROFILES	
Revised by:	Date:	Revised by:	Date:		
Scale: as shown		Date: JUN. 1996		Plate: 9	



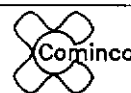
VERTICAL SCALE:
 TOPO: 1cm = 25 metres
 GRAVITY: 1cm = 0.25 mgals

093671

TOPOGRAPHY -----
 GRAVITY _____

Scale 1:5000
 100 0
 (meters)

COMINCO EXPLORATION



NTS
105G

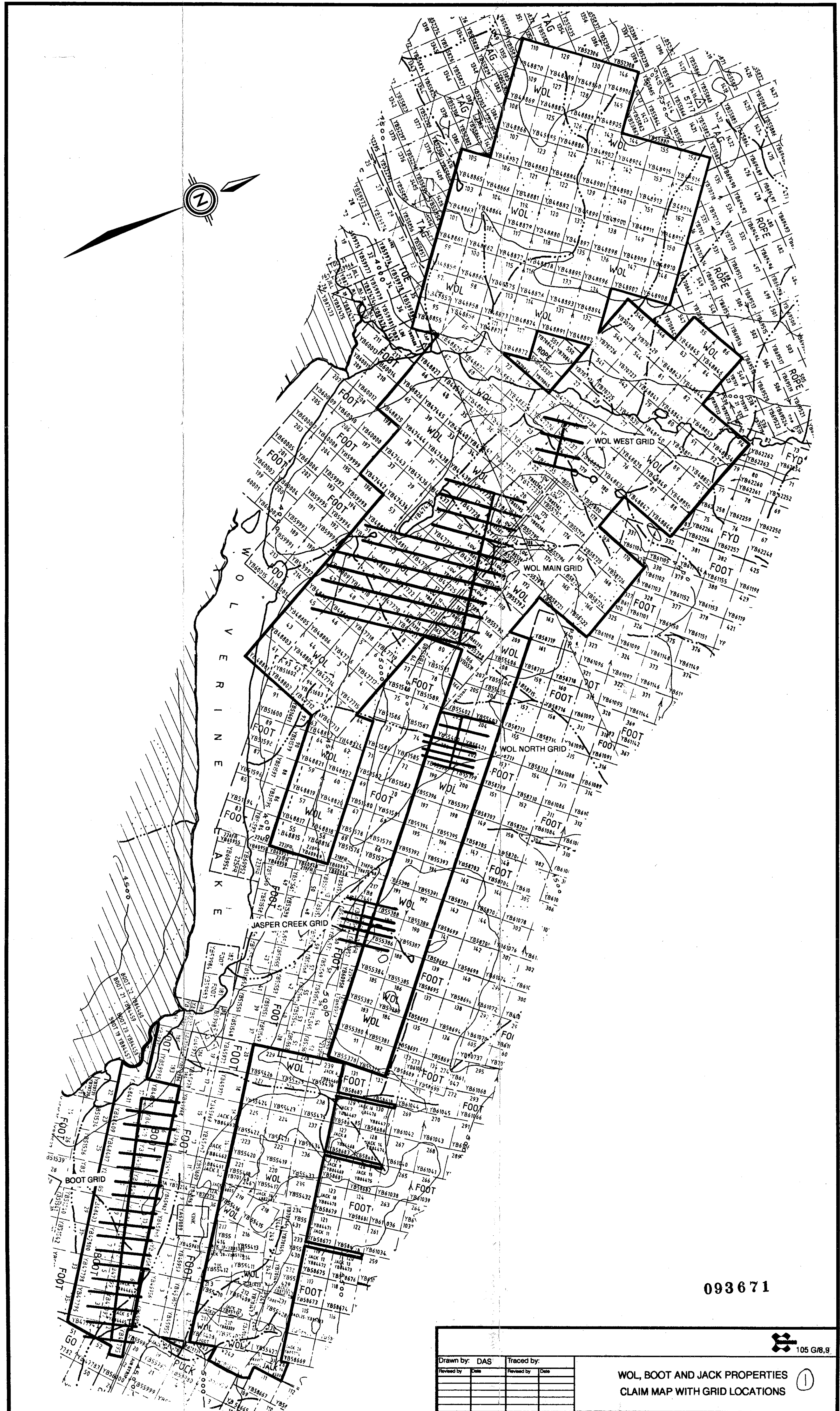
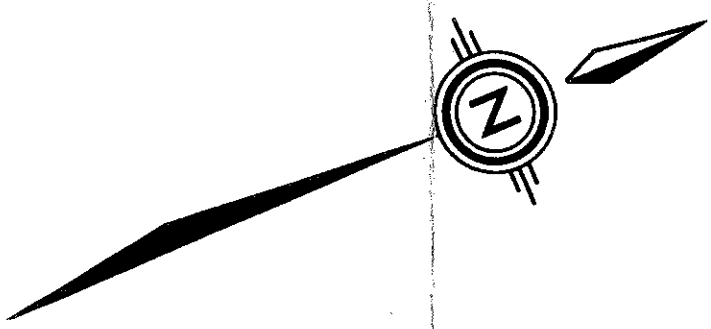
Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:

PELLEY MOUNTAIN PROPERTIES
 BOOT GRID: LINE 16500E
 BOUGUER GRAVITY SURVEY
 (DENSITY = 2.67 gm/cc)

Scale: as shown

Date: JULY 1996

Plate: 10e



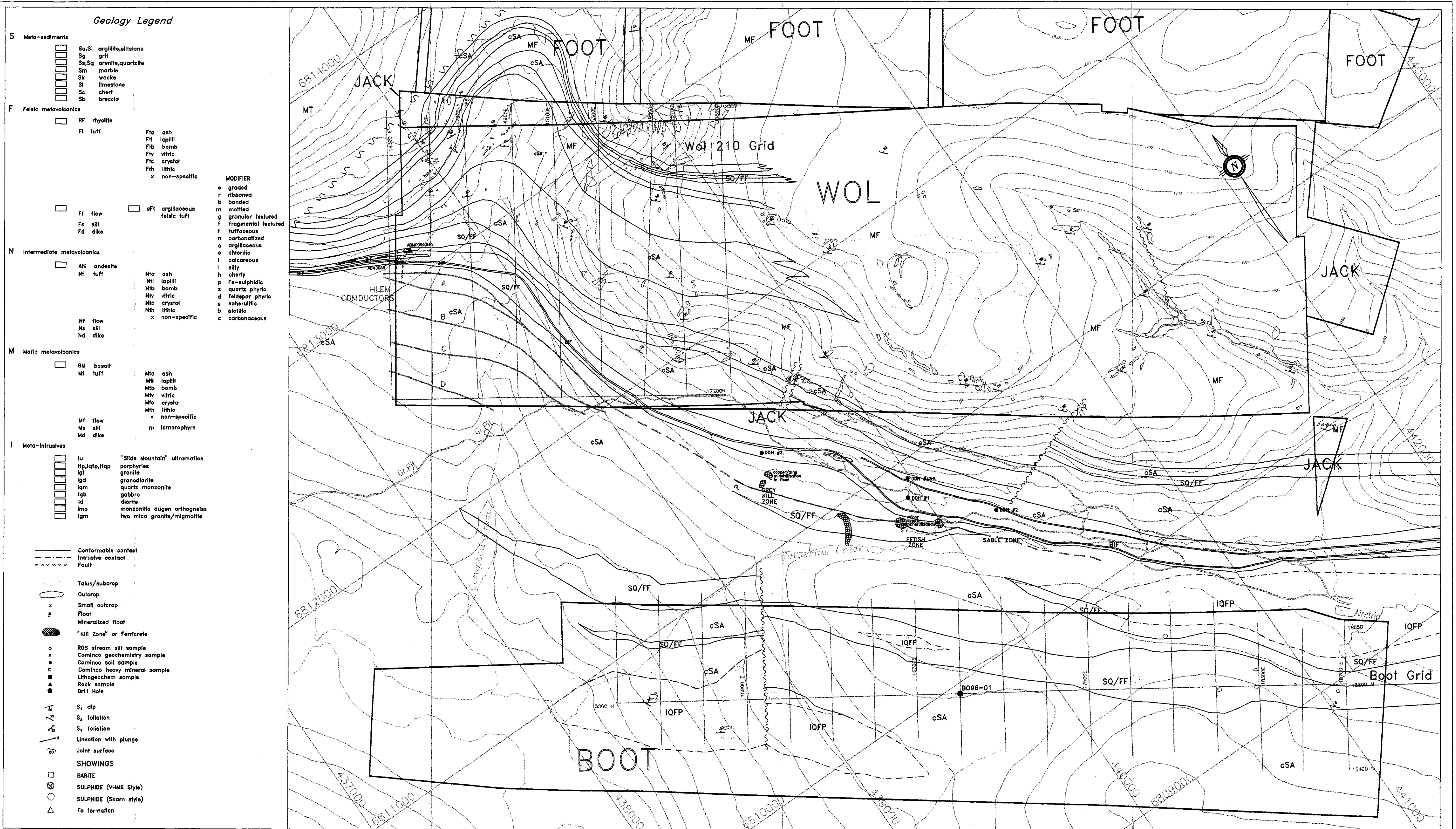
093671



Drawn by:	DAS	Traced by:	
Revised by:		Revised by:	

WOL, BOOT AND JACK PROPERTIES
CLAIM MAP WITH GRID LOCATIONS

Scale: 1:31,500 Date: APRIL, 1997 Plate: 2



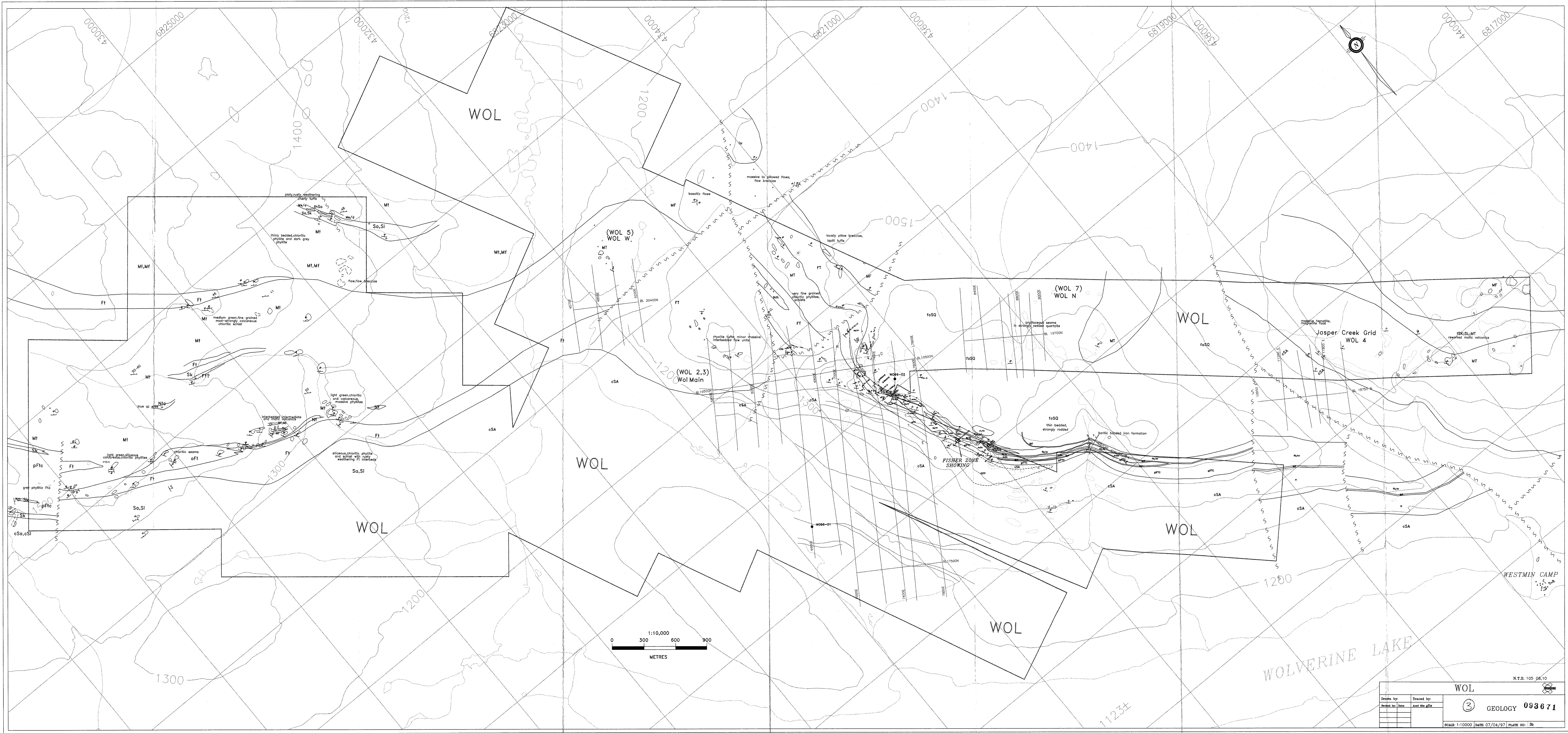
N.T.S. 105 G8

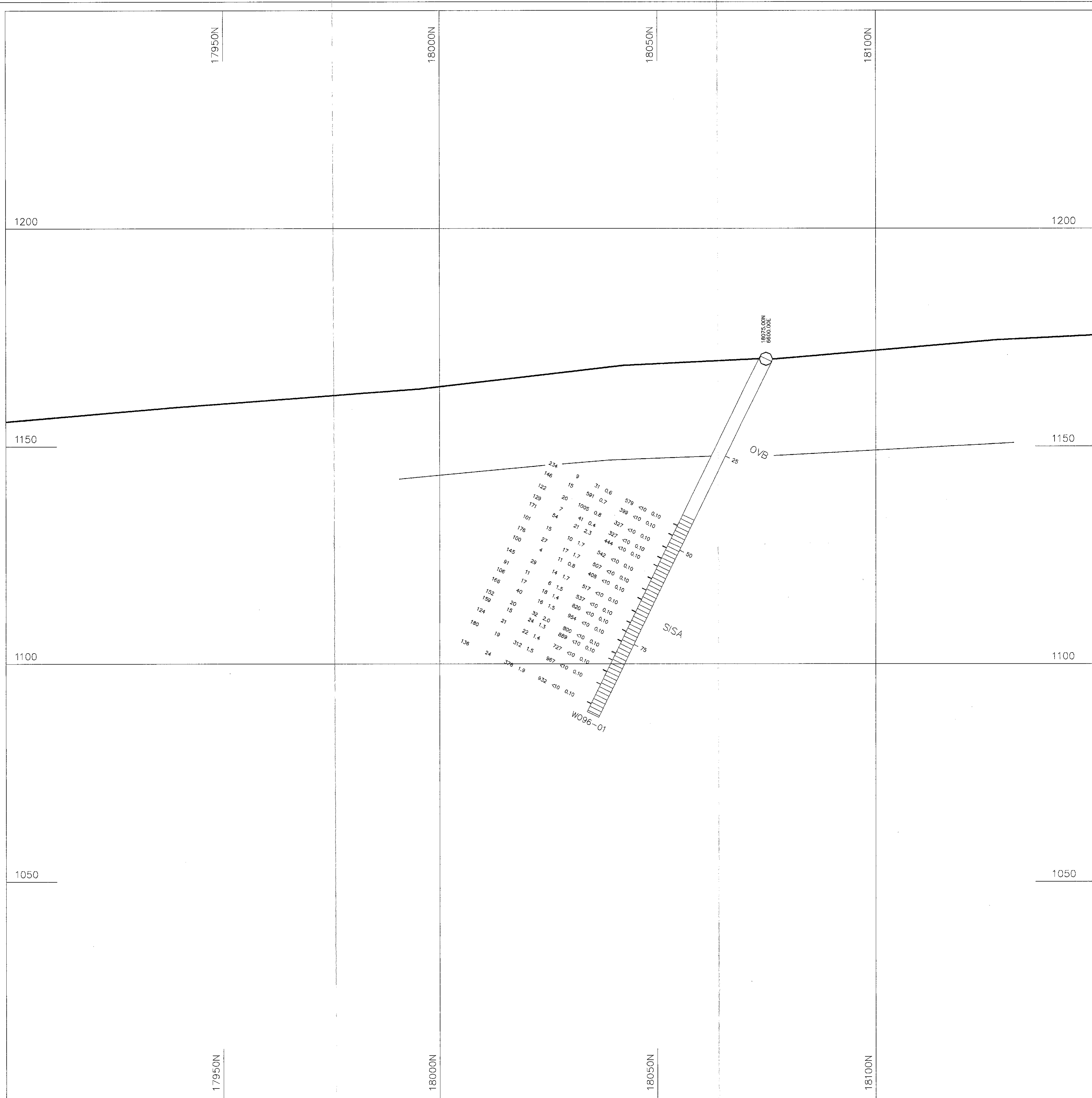
WOL 210 & BOOT

Drawn by:	Traced by:
Revised by:	Date:
Acad file:	g:wol21

2 GEOLOGY **093671**

SCALE: 1:10000 DATE: 04/04/97 PLATE NO: 3a





LEGEND

- OVB - Overburden
- SISA - Siltstone with lesser Argillite

Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Ba(ppm)	Au(ppb)	sample width (m.)
2	4	43	0.6	708	<.10	.10

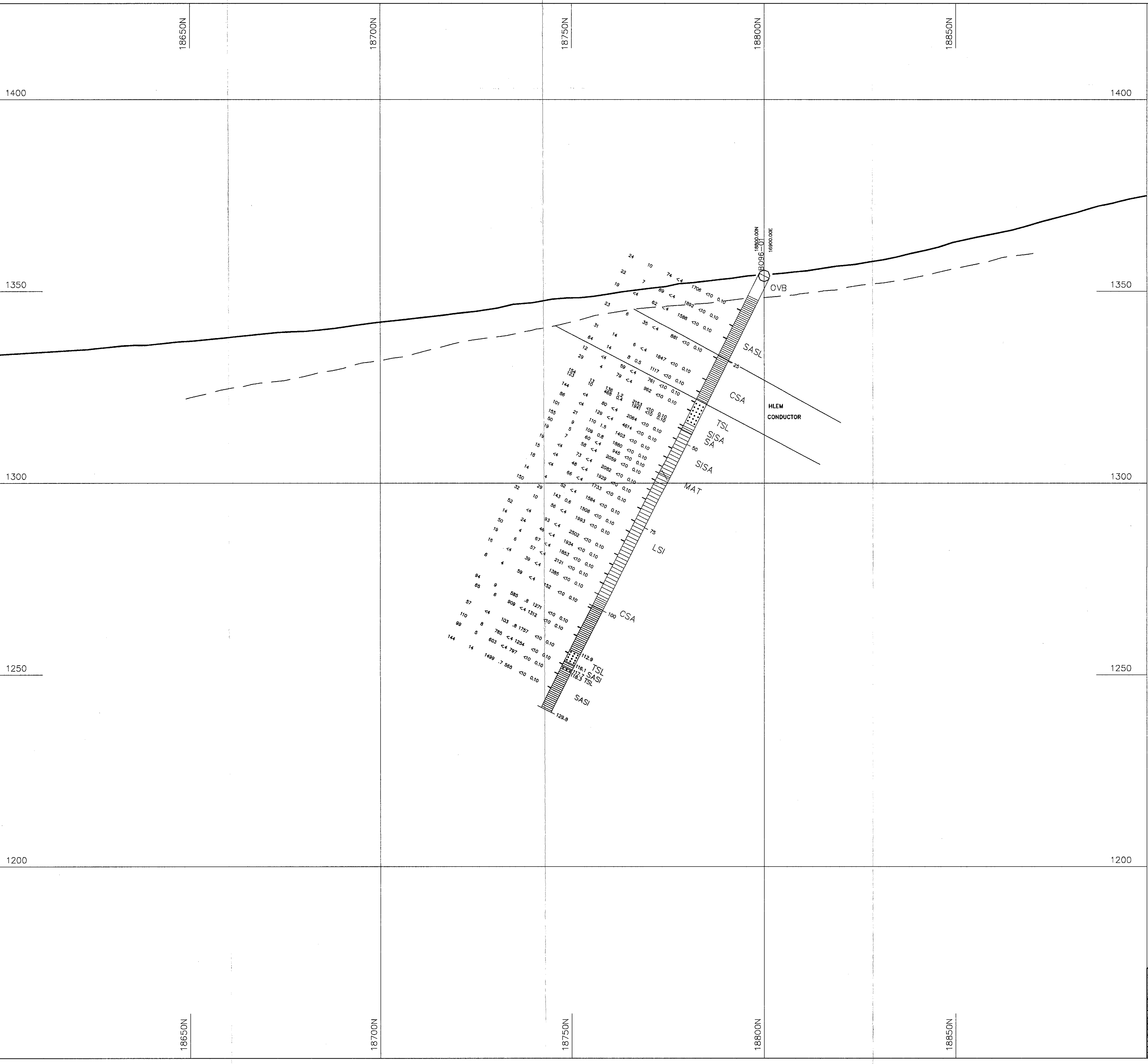
SCALE 1:500



METRES

PELLEY PROJECT 1996 093671

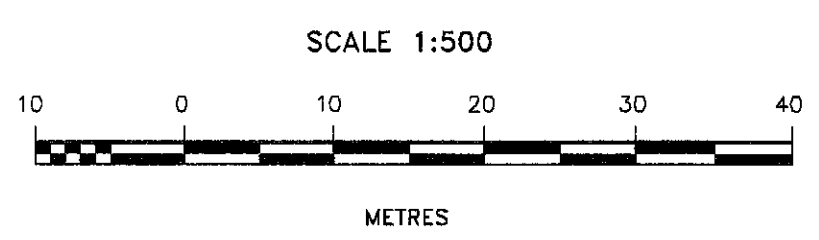
Revised by:	PAM	Traced by:	PAM	WOL PROPERTY	④
Revised by:	PAM	Revised by:	PAM	DDH W096-01	
Revised by:	PAM	Revised by:	PAM	Section L 6600 E, Looking Northwest	
Revised by:	PAM	Revised by:	PAM	Scale: 1:500	Date: Jan. 1997
Revised by:	PAM	Revised by:	PAM	Plate: 3c	



LEGEND

- OVB - Overburden
- SA - Argillite
- CSA - Carbonaceous Argillite
- TSL - Tuffaceous Calcareous Wacke
- LSI - Calcareous Siltstone
- SISA - Siltstone with lesser Argillite
- SASL - Argillite with lesser Calcareous Wacke
- SASI - Argillite with lesser Siltstone
- MAT - Mafic Ash Tuff

Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Ba(ppm)	Au(ppb)	sample width (m.)
2	4	43	0.6	708	<.10	.10



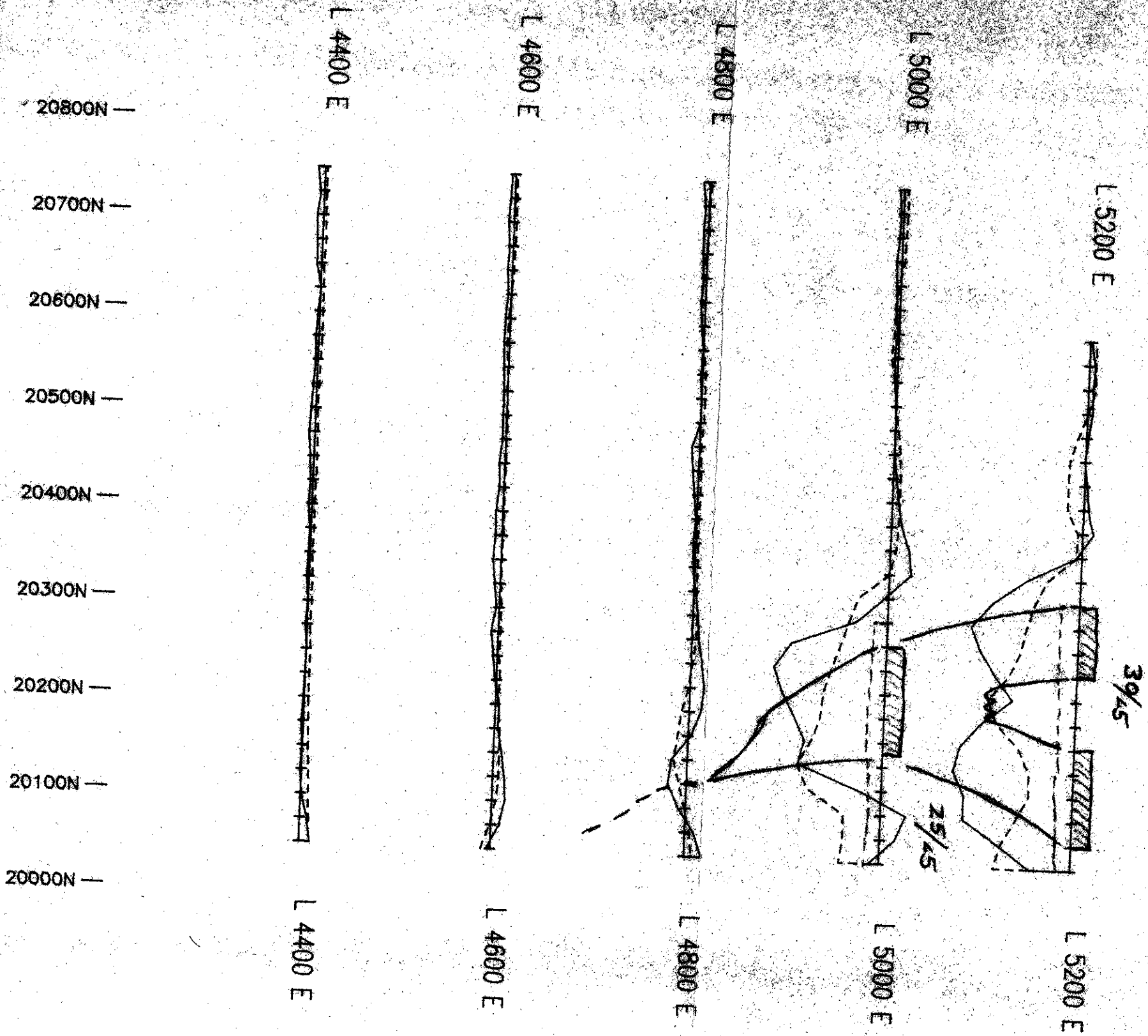
PELLEY PROJECT 1996

Drawn by:	PAH	Traced by:	
Revised by:		Revised by:	

BOOT PROPERTY
DDH B096-01
Section L 16900 E, Looking Northwest

093671
6

Scale: 1:500
Date: Jan. 1997
Plate: 3e

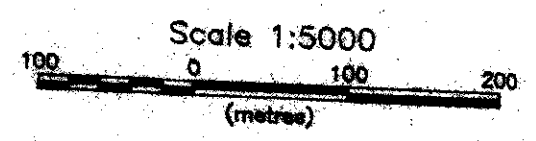


IN PHASE

OUT OF PHASE

Vert. Scale
1cm = 20%

093671,



COMINCO EXPLORATION



MIS
105C

Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:

PELLEY MTN PROPERTY
WEST WOL GRID
Horizontal Loop EM Survey : 440 Hz
(100 metre coil separation)

Scale: as shown

Date: JUN. 1996

Plate: 6a



20800N —

20700N —

20600N —

20500N —

20400N —

20300N —

20200N —

20100N —

20000N —

L 4400 E



L 4400 E

L 4600 E



L 4600 E

L 4800 E



L 4800 E

L 5000 E



L 5000 E

L 5200 E



L 5200 E

IN PHASE

OUT OF PHASE

Vert. Scale
1cm = 20%

093671

Scale 1:5000



COMINCO EXPLORATION

NTS
1056

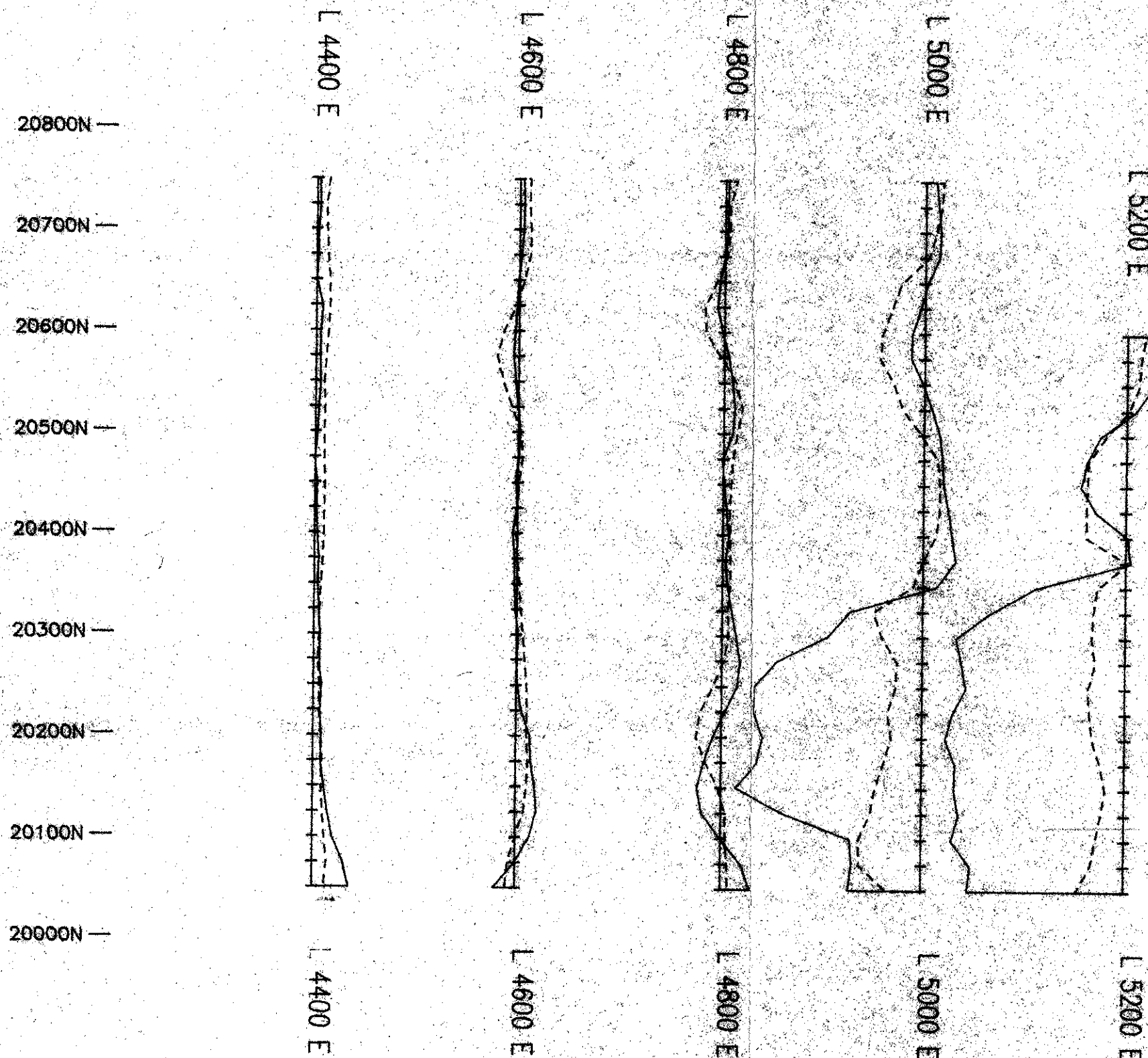
Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:

PELLEY MTN PROPERTY
WEST WOL GRIDHorizontal Loop EM Survey : 1760 Hz
(100 metre coil separation)

Scale: as shown

Date: JUN. 1996

Plate: 5b



093671

IN PHASE

OUT OF PHASE

Vert. Scale
1cm = 20%

Scale 1:5000
100 0 100 200
(metres)

COMINCO EXPLORATION



NTS
1056

Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:

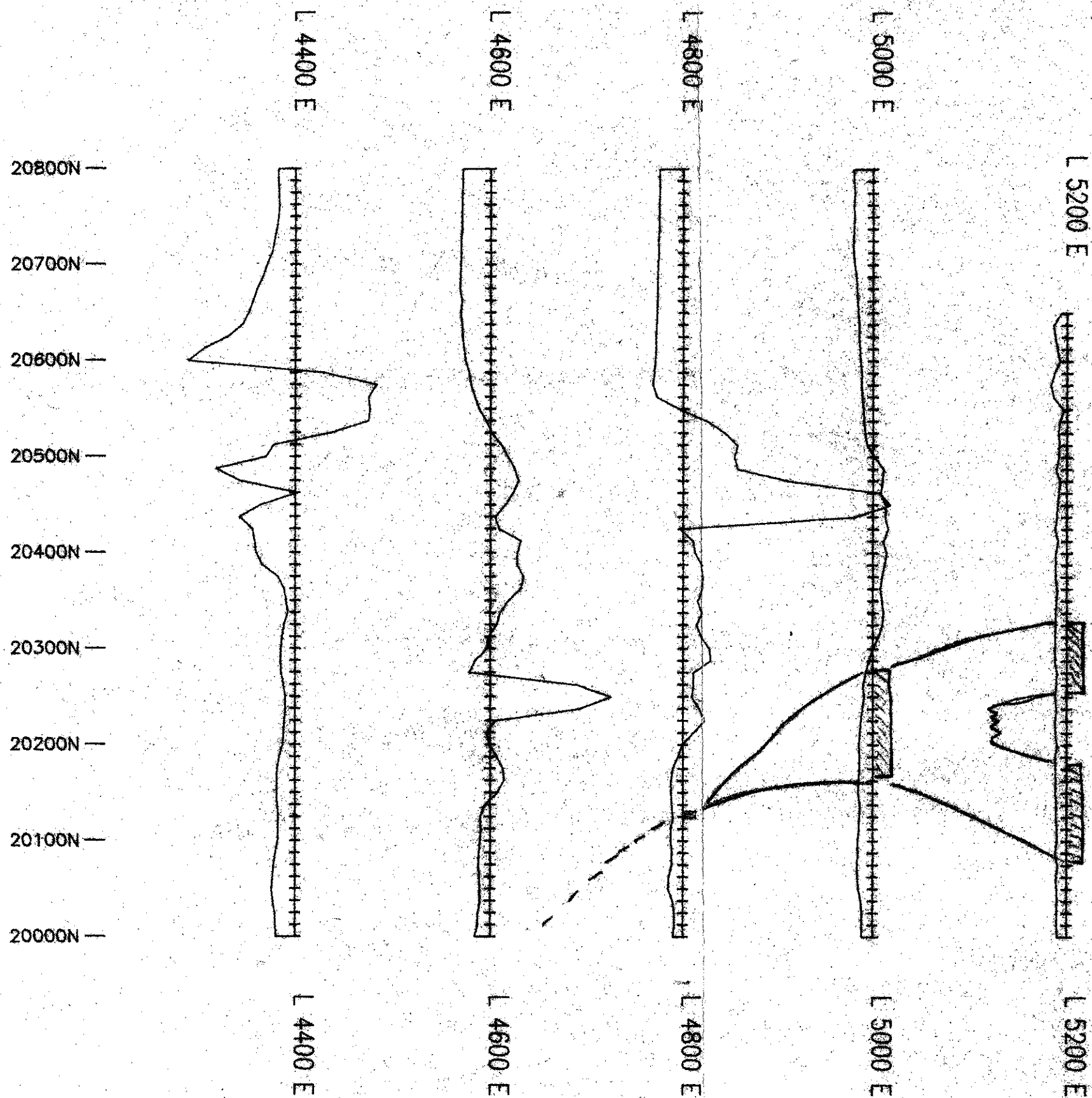
PELLEY MTN PROPERTY
WEST WOL- GRID

Horizontal Loop EM Survey : 3520 Hz
(100 metre coil spacing)

Scale: as shown

Date: JUN. 1996

Plate: 6c



093671

Vert. Scale

1cm = 400nT

MAGNETIC BASE = 58100 nT

Scale 1:5000

100 0 100 200
(metres)

COMINCO EXPLORATION



NTS
1056

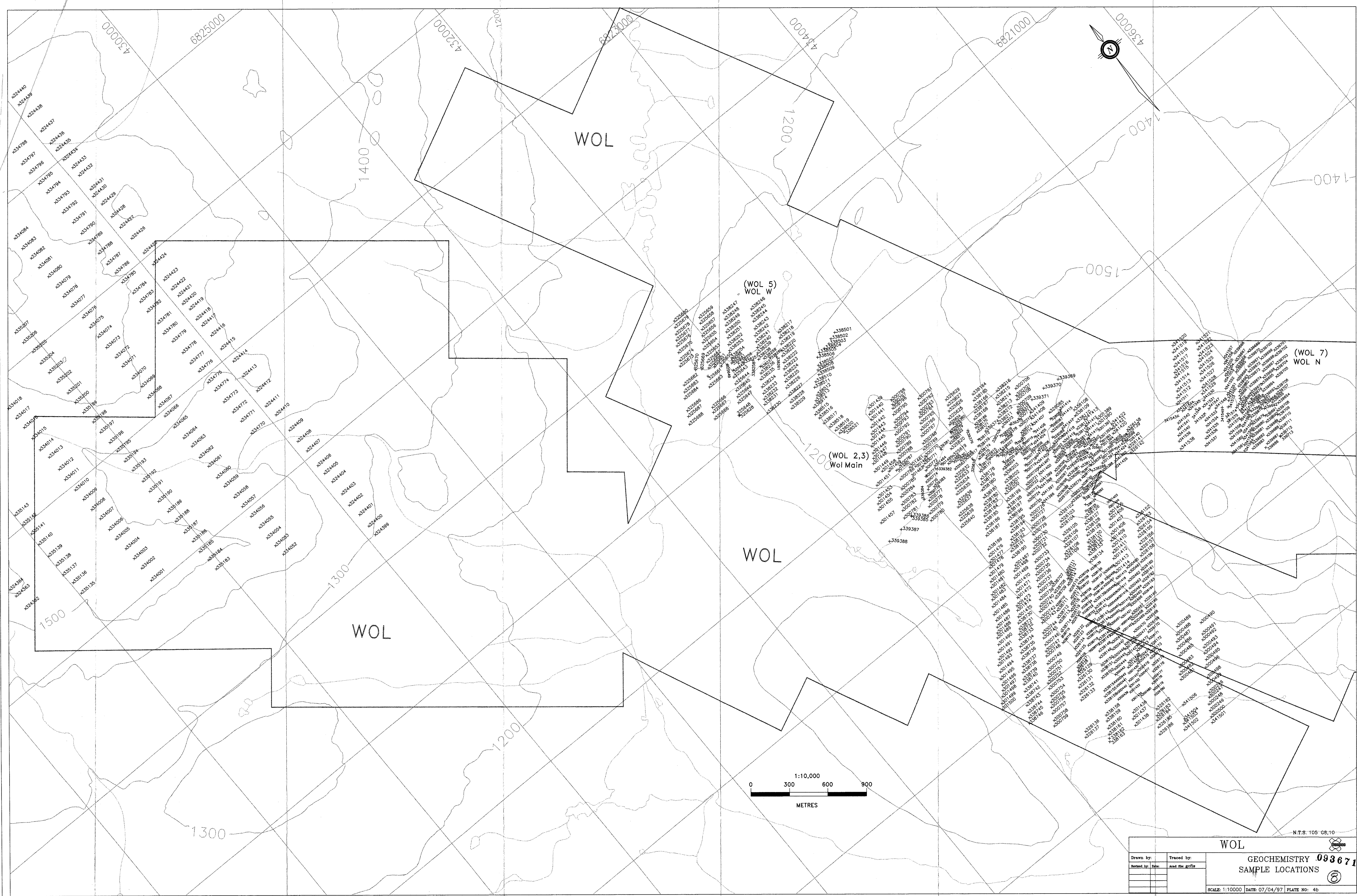
Drawn by:		Traced by:	
Reviewed by:	Date:	Reviewed by:	Date:

PELLEY MTN PROPERTIES
WEST WOL GRID
TOTAL FIELD MAGNETICS SURVEY

Scale: as shown

Date: JUN. 1996

Plate: 6d



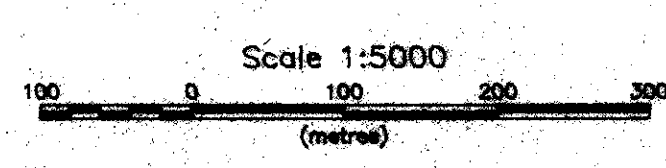
20200N —
20000N —
19800N —
19600N —
19400N —
19200N —
19000N —
18800N —
18600N —
18400N —
18200N —
18000N —
17800N —
17600N —
17400N —
17200N —

L 5800 E
L 6000 E
L 6200 E
L 6400 E
L 6600 E
L 6800 E
L 7000 E
L 7200 E
L 7400 E
L 7600 E
L 7800 E
L 8000 E
L 8200 E

WOL3
AREA

WOL2
AREA

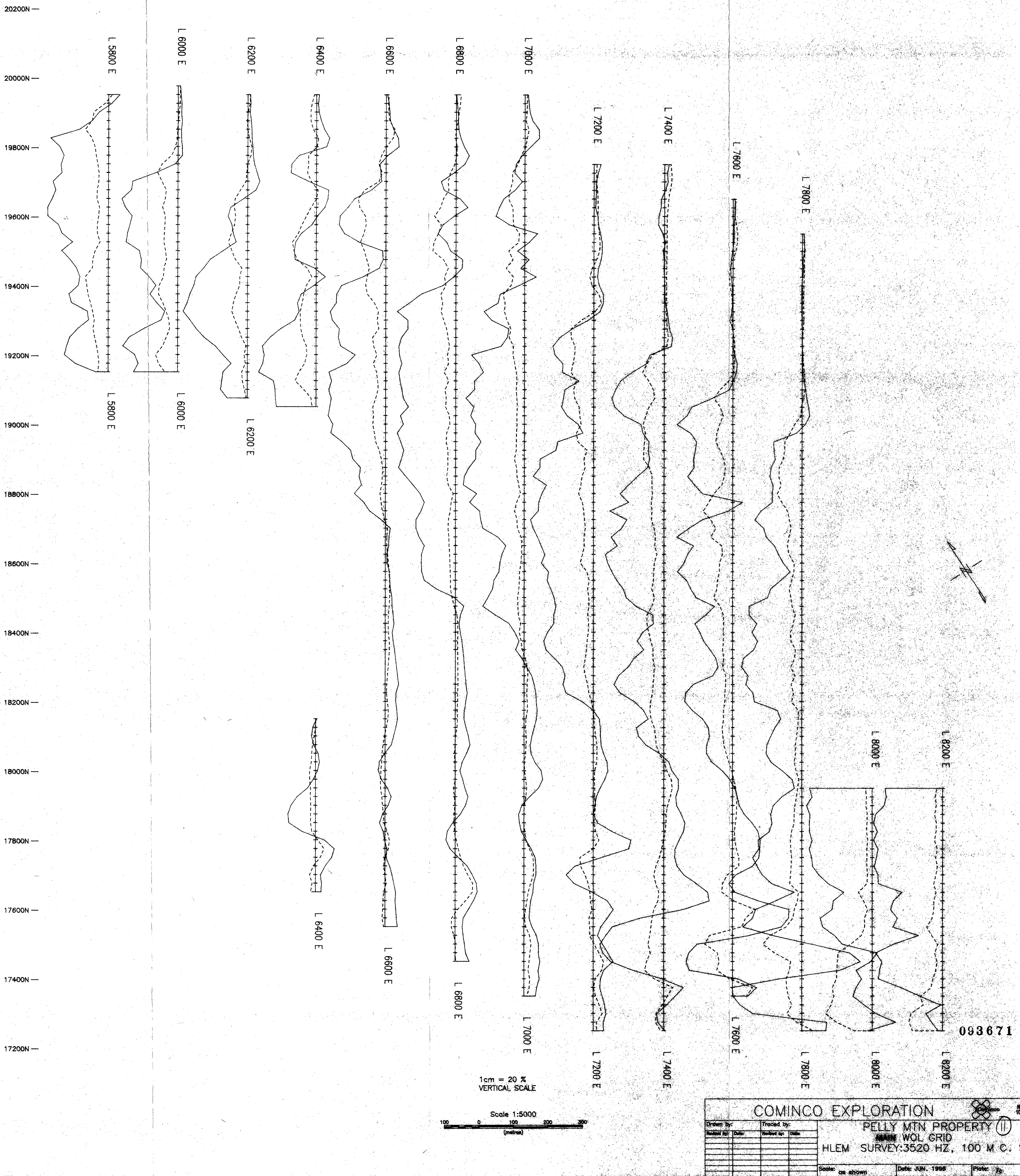
1cm = 20 %
VERTICAL SCALE



COMINCO EXPLORATION			
Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:
Scale: as shown		Date: JUN. 1998	
Plate: 7a		Plate: 7b	

PELLEY MTN PROPERTY
WOL GRID
HLEM SURVEY: 440 HZ, 100 M C. S.

093671



20200N -
20100N -
20000N -
19900N -
19800N -
19700N -
19600N -
19500N -
19400N -
19300N -
19200N -
19100N -
19000N -
18900N -
18800N -
18700N -
18600N -
18500N -
18400N -
18300N -
18200N -
18100N -
18000N -
17900N -
17800N -
17700N -
17600N -
17500N -
17400N -
17300N -
17200N -
17100N -
17000N -

L 5800 E
L 5800 E

L 6000 E
L 6000 E

L 6200 E
L 6200 E

L 6400 E
L 6400 E

L 6600 E
L 6600 E

L 6800 E
L 6800 E

L 7000 E
L 7000 E

L 7200 E
L 7200 E

L 7400 E
L 7400 E

L 7600 E
L 7600 E

L 7800 E
L 7800 E

L 8000 E
L 8000 E

L 8200 E
L 8200 E

MAGNETIC BASE = 58100 nT
Vert. Scale
1cm = 100 nT

Scale 1:5000
100 0 100 200 300
(metres)



A
A'

B

C

D

E

F

093671

COMINCO EXPLORATION



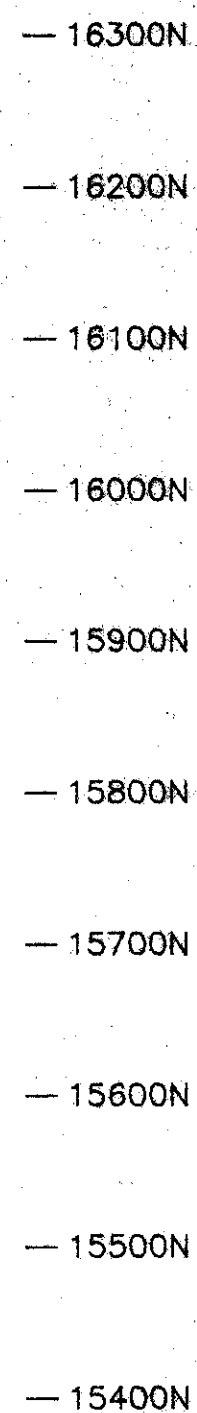
PELLEY MTN PROPERTIES
MAIN WOL GRID
TOTAL FIELD MAGNETICS SURVEY

Drawn by:	Traced by:
Reviewed by:	Reviewed by:

Scale:

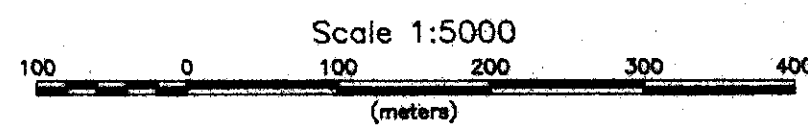
Date: JUN. 1998

Plate: 7d

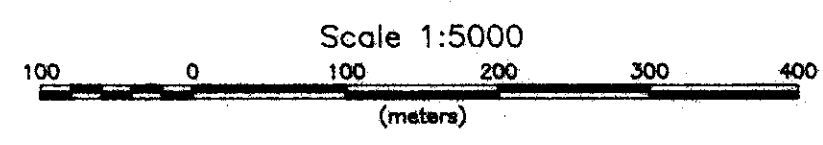
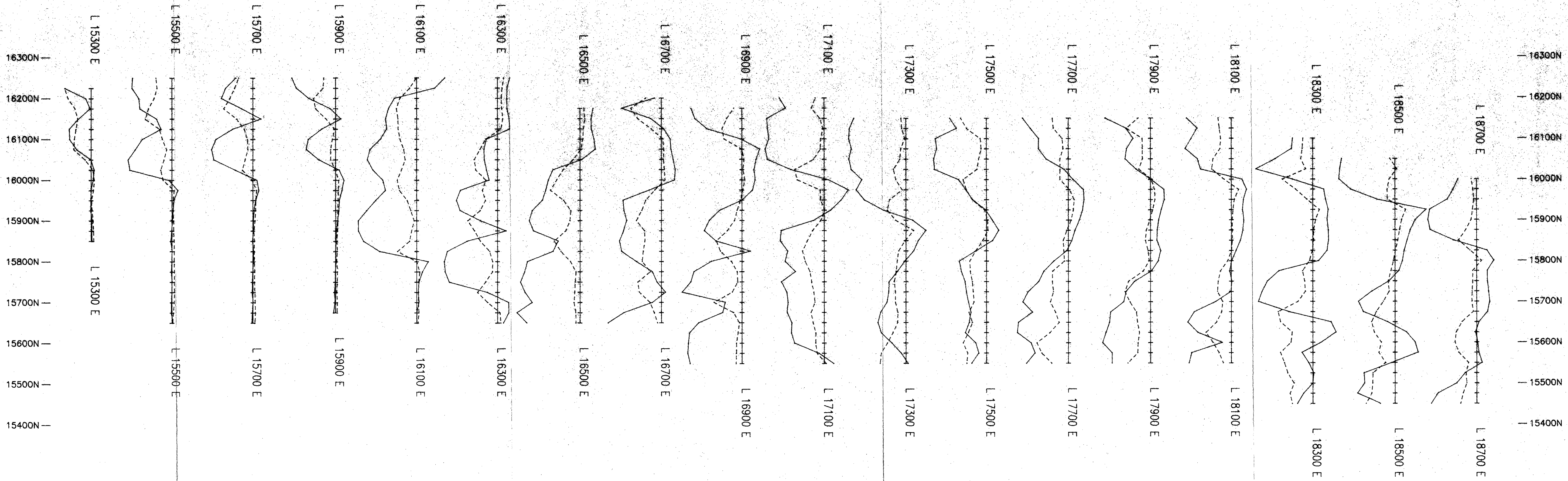
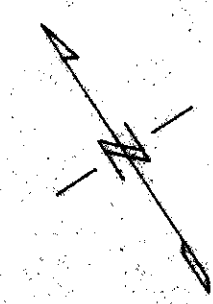


Cominco

Scale: as shown	Date: JUN. 1996	Plate: 10a
-----------------	-----------------	------------



OUT OF PHASE - - - -
IN PHASE _____



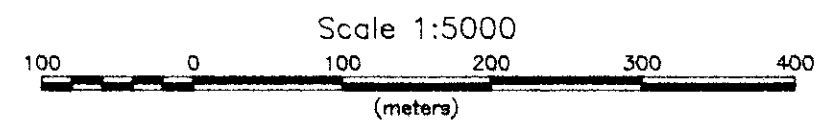
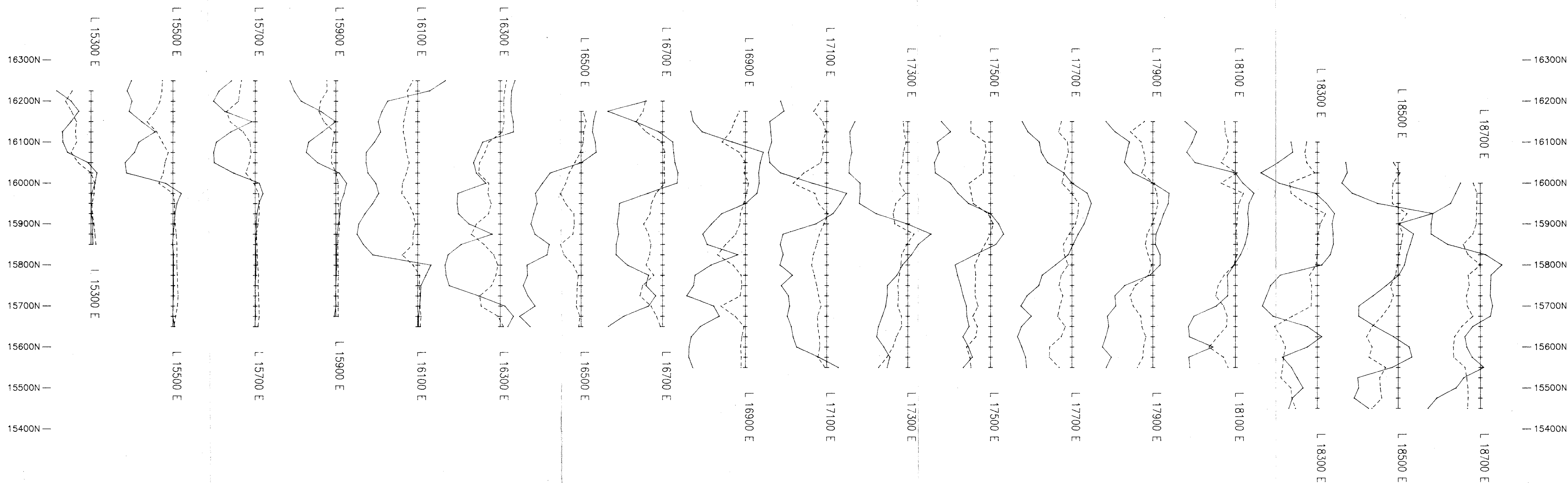
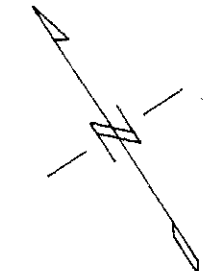
VERTICAL SCALE:
1cm = 30 %

OUT OF PHASE - - -
IN PHASE ———

093671

COMINCO EXPLORATION				 NIS 1056	
PELLEY MOUNTAIN PROPERTIES BOOT GRID HLEM SURVEY:1760 HZ, 100 M C. S.					
Drawn by:		Traced by:		Scale:	as shown
Reviewed by:	Date:	Reviewed by:	Date:	Date:	JUN. 1996
				Plate:	10b

14



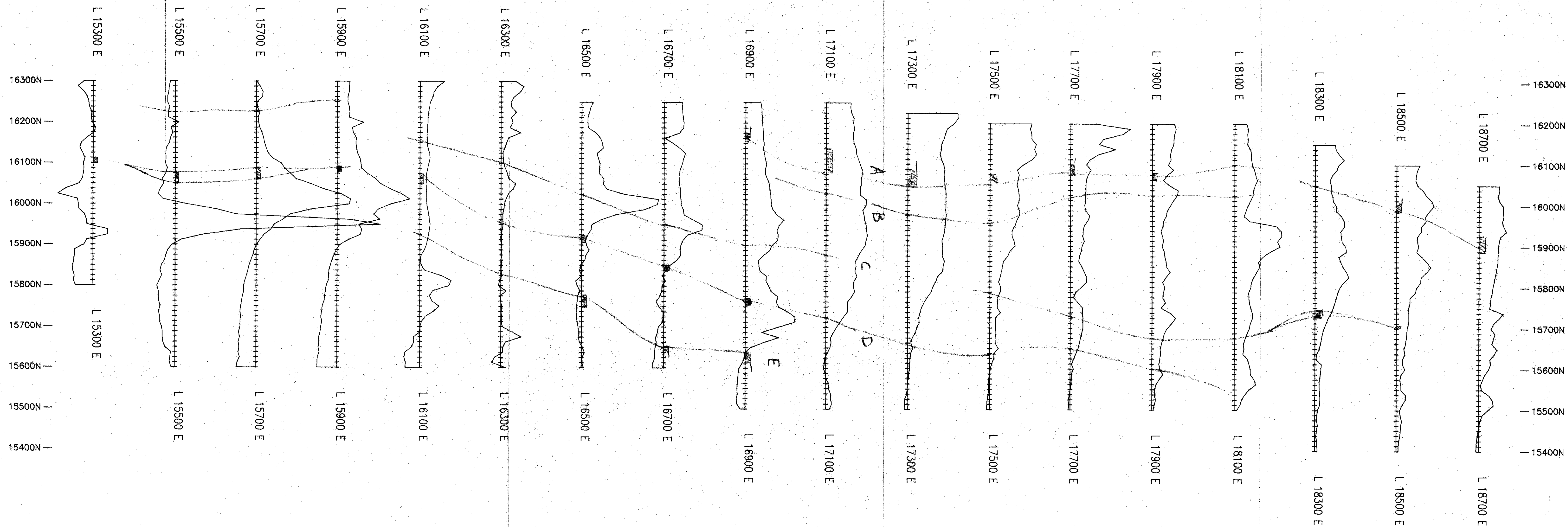
VERTICAL SCALE:
1cm = 30 %

OUT OF PHASE - - - -
IN PHASE - - - -

093671

15

COMINCO EXPLORATION						NTS 1056	
Drawn by:		Traced by:		PELLEY MOUNTAIN PROPERTIES BOOT GRID HLEM SURVEY:3520 HZ, 100 M C. S.			
Revised by:		Revised by:					
Date:		Date:		Scale: as shown			
Date:		Date:		Date: JUN. 1996			
Date:		Date:		Plate: 10c			



093671

Scale 1:5000
100 0 100 200 300 400
(meters)

VERTICAL SCALE:
1cm = 100 nT

BASE LEVEL 58100 nT

COMINCO EXPLORATION			
Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:
Scale: as shown		Date: JUN. 1998	
		Plate: 100	

PELLEY MOUNTAIN PROPERTIES
BOOT GRID
TOTAL FIELD MAGNETICS SURVEY

