

EXPLORATION

WESTERN DISTRICT

NTS 105 G/1

1996 ASSESSMENT REPORT

EXPO PROPERTY
(including the POP, HOME, RUN, and FLY PROPERTIES)

PICKETTING, GROUND GEOPHYSICS (HLEM/MAG), SOIL GEOCHEMISTRY
AND GEOLOGICAL MAPPING

WATSON LAKE M.D., YUKON

FIRE LAKE AREA, PELLY MOUNTAINS

WORK PERIOD

JUNE 14 TO AUGUST 30, 1996

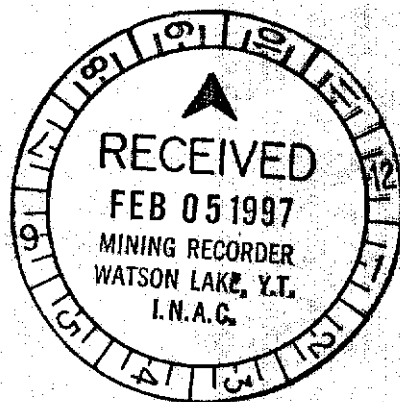


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**1996 ASSESSMENT REPORT
EXPO PROPERTIES, YUKON TERRITORY****1.0 SUMMARY**

The Expo properties are located about 35 kms southeast of Cominco's ABM VHMS Deposit and 25 kms south of Westmin/Atna's WOLVERINE VHMS Deposit, approximately 140 kms southeast of Ross River. This area was staked in 1994 as several smaller properties (Pop, Base, Home, Run, Ball, Fly and Bat) and amalgamated into a contiguous block referred to as the Expo property (MacRobbie, 1994). In 1996 further staking extended the Expo property northward over the Mony West area and southward over the Pop South area.

The rocks underlying this part of southeastern Yukon have been assigned to 2 terranes: the Yukon-Tanana Terrane and the Slide Mountain Terrane. 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. Mixed felsic volcanics and carbonaceous phyllites of the "*middle unit*" are host to the 2 known VHMS deposits in the district.

The Expo Property area is underlain by "*middle unit*" felsic metavolcanics and carbonaceous phyllite and schist with interbanded mafic metavolcanics.

In early 1996, staking over the Mony West and Pop South areas expanded the Expo property to cover favourable stratigraphy on strike with known mineralized showings. In April, approximately 670 km of airborne electromagnetic and magnetic surveys were completed on the Expo claims covering the newly staked areas mentioned above. Detailed geological mapping (1:2,500 scale), prospecting and soil geochemistry were completed over 3 grids (White Creek (WHC-7H), Mony West, and Ellen Creek) in 1996. Two of these grids (White Creek (WHC-7H) and Mony West) were also covered by geophysical ground surveys (HLEM/MAG). In addition to this detailed work, reconnaissance mapping/prospecting and soil, silt, and lake sediment geochemistry was conducted throughout the property. Geological mapping at 1:10,000 and 1:20,000 was carried out in the Pop South area peripheral to the Ellen Creek grid.

The results of ground geophysical surveys on the White Creek and Mony West grids did not indicate significant conductive (HLEM) or magnetic response. On the basis of these results, no further geophysical work is recommended on these targets.

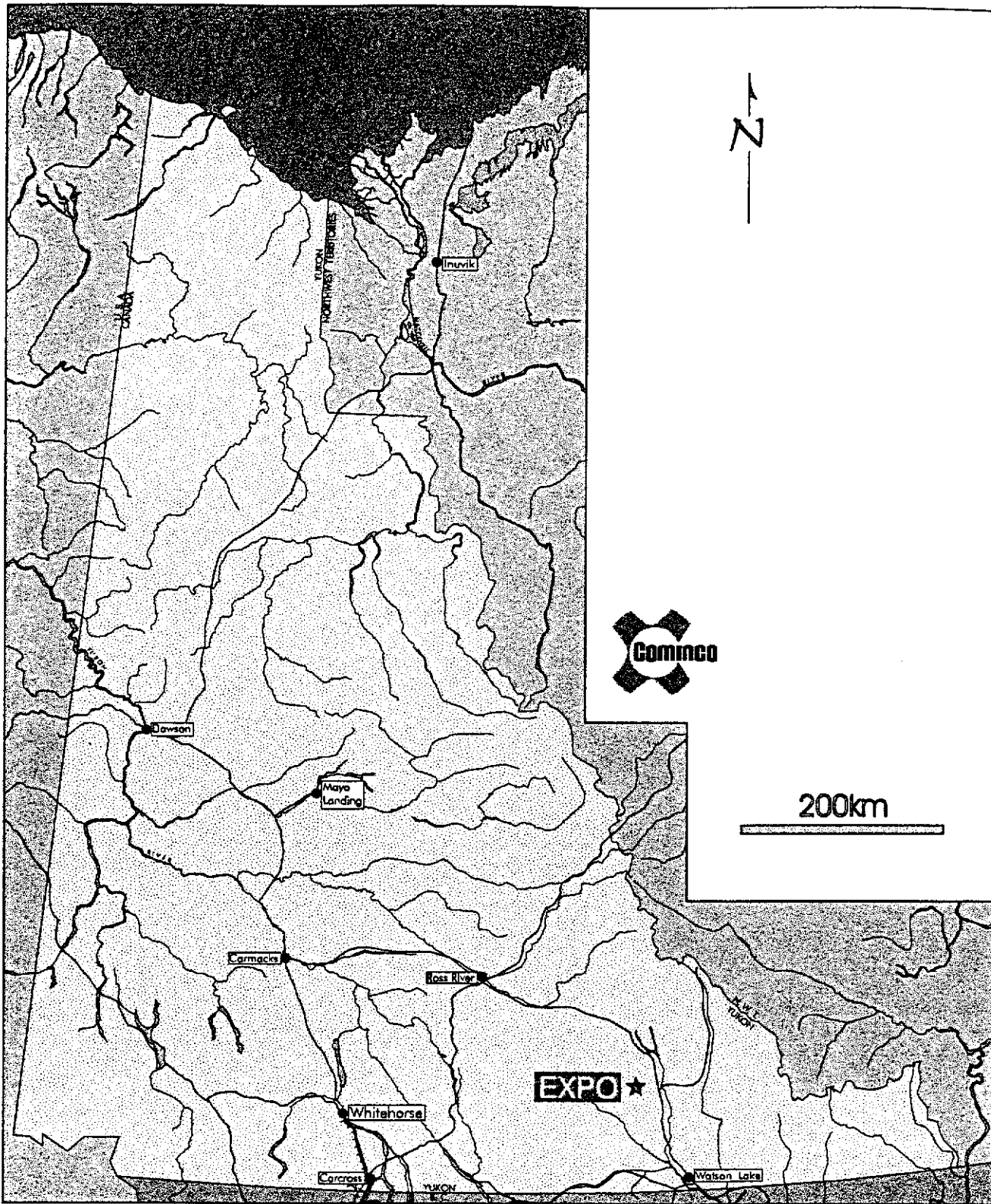
Further work (prospecting, geological mapping, additional soil/silt geochemistry) is recommended to followup soil and geochemical anomalies in favourable stratigraphy in the following areas:

- to the east and west of Ellen Creek
- to the north of Akhurst Creek extending to the Base and Home properties
- in the upper White Creek drainage area, in addition to areas on strike of the White Creek showings and soil anomalies.

Diamond drilling should be contemplated for the White Creek and Ellen Creek areas to test surface mineralization and supporting soil anomalies.

2.0 LOCATION AND ACCESS

The EXPO properties are located 20 kms east of Fire Lake, about 35 kms southeast of Cominco's Kudzu Ze Kayah VHMS Deposit and approximately 150 kms southeast of Ross River (Figure 1). The gravel, all-weather Robert Campbell Highway provides access to within 35 kms of the properties. Direct access is by helicopter.



Drawn by: Traced by: a. m. a.

Revised by:	Date:	Revised by:	Date:

EXPO PROPERTY GENERAL LOCATION MAP

105 G/1

Scale: As Shown

Date: Dec., 1996

Plate: 1

3.0 PROPERTY AND OWNERSHIP

All properties under discussion are 100% owned by Cominco Ltd., and are contiguous with the larger EXPO, MONY and GO claim blocks (Figure 2). The Expo properties comprise 1066 units, all listed below.

<u>NAME</u>	<u>UNITS</u>	<u>CLAIM NO.</u>	<u>DUE DATES</u>
POP 1-4	4	YB47372-375	April 15/2000
POP 5-8	4	YB47650-653	April 15/2000
POP 9-18	10	YB47376-385	April 15/2000
POP 19-26	8	YB47654-661	April 15/2000
BASE 1-14	14	YB47342-355	April 15/2002
HOME 1-6	6	YB47360-365	April 15/2004
RUN 1-6	6	YB47366-371	April 15/2004
BALL 1-4	4	YB47356-359	April 15/2002
FLY 1-8	8	YB47386-393	April 15/2001
FLY 9-14	6	YB47662-667	April 15/2001
FLY 15-18	4	YB47394-397	April 15/2001
BAT 1-4	4	YB47398-401	April 15/99
EXPO 1-92	92	YB51952-2043	MAY 15/98
EXPO 94	1	YB52044	MAY 15/98
EXPO 96-277	182	YB52045-226	MAY 15/98
EXPO 278-417	140	YB56791-930	MAY 15/98
EXPO 418-565	148	YB60296-443	AUG. 11/96
EXPO 566-714	149	YB62288-436	OCT. 2/96
EXPO 715-748	34	YB74269-302	MAY 15/97
EXPO 749-782	34	YB75620-653	MAY 15/98
EXPO 783-800	18	YB74303-320	MAY 15/97
EXPO 801-808	8	YB76060-067	MAY 15/98
EXPO 809-816	8	YB74321-328	MAY 15/97
EXPO 817-852	36	YB75654-689	MAY 15/98
EXPO 853-888	36	YB76068-103	MAY 15/98
EXPO 889-948	60	YB76938-997	MAY 15/98
EXPO 949-975	27	YB78648-674	MAY 15/98
EXPO 976-990	15	YB78675-689	MAR. 6/97

4.0 PREVIOUS WORK

Prior Cominco work in the immediate area of the properties consisted of local stream silt, heavy mineral and minor soil geochemistry sampling.

Approximately 1 km southwest of the HOME property is the Akhurst showing (Minfile #82; Figure 4). This showing was initially staked by Cyprus Anvil Mining Corp. in 1975. Cyprus Anvil conducted grid soil sampling and a Mag survey in that same year. The claims lapsed and were restaked in 1988 by Archer Cathro and Welcome North, which conducted prospecting and minor soil geochemistry sampling. The area staked covered anomalous Zn and weakly anomalous Cu-Mo-Pb values in soils overlying quartzite, phyllite and minor limestone, thought to be of Permian age. Cominco's EXPO claims currently cover the indicated showing area.

Approximately 3 kms south of the FLY property is the Py showing (Minfile #83, Figure 4). This occurrence was also initially staked by Cyprus Anvil Mining Corp. in 1975 and explored by grid soil sampling and an IP survey. The claims lapsed and were restaked several times between 1988 and 1994. The showings comprise Cu-bearing float, and large gossanous areas over quartz-sericite schists. The schists contain numerous quartz veins and several pyritic layers, up to 12.1 metres thick, with up to 15% coarse-grained pyrite and minor chalcopyrite, sphalerite and trace galena. Soil surveys indicate high values of Cu-Zn-Pb-Ag. The showings are currently held (WAWA claims) by Carl Schultz.

In early 1993, Ron Berdahl of Whitehorse, brought 2 new showings to Cominco's attention. One showing is now called the Berdahl showing (skam?, Figure 4) and is covered by the POP claims. A second showing is a barite occurrence in the area of the Akhurst showing, noted above.

In 1994, Cominco conducted a program of geological mapping/prospecting, contour soil geochemistry sampling, linecutting and ground geophysical surveys (HLEM/MAG) on the Pop Property (MacRobbie, 1994). This work resulted in the identification of new Zn-Pb-Ag showings in the White Creek (Expo), Akhurst Creek (Expo), Base (Expo) and Run areas.

In 1995 detailed geological mapping, soil geochemistry and ground geophysical surveys (HLEM/MAG) were completed over 7 grids (Pop-7F, Run-7A, Home-7B and 7C, Fly-7D, AKH-7G and WHC-7H grids) (MacRobbie, 1995). In addition, recce contour soil geochemistry and geological mapping/prospecting was carried out in areas peripheral to the grids.

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. Felsic volcanoclastics of the "middle unit" are host to Cominco's ABM VHMS Deposit.

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 located between the YTT and ancestral North America(?).

A subhorizontal to moderately north-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), probably 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 overthrust sheets of SMT rocks (Campbell Range Belt) above the fault zone.

6.0 1996 FIELD WORK

6.1 PICKETTING

On July 16 and 27, 1996, two geophysical grids totalling 1.3 line kilometres on Mony West (Expo claims), and 12.0 line kms on Ellen Creek (Expo claims), were picketted by 2 members of the Cominco geophysical crew (Figure 2).

6.2 GEOLOGY/PROSPECTING, GEOCHEMISTRY

The White Creek (Expo claims), Mony West, and Ellen Creek grids were mapped in detail at 1:2,500 scale and prospected (Table 1). Further 1:10,000 mapping was conducted in the Pop South area peripheral to Ellen Creek, with additional recce coverage in other areas of interest. Prospecting was carried out by 2 prospectors

from GL Geoservice Ltd. of Rouyn-Noranda, Québec, A.B. Mawer of Vancouver, B.C., and G. Johnny of Ross River, Yukon.

TABLE 1. FIELD WORK SUMMARY

PROPERTY	GEOLOGY	GEOCHEMISTRY	PROSPECTING	GEOPHYSICS
POP	N/A	Jun 23, 26, Jul 18; 125 soils, 23 silts	N/A	N/A
RUN / HOME	June 26; PAM (1:10,000)	July 19; 22 silts	July 23-26; ABM, GJ, GLGS	N/A
FLY	N/A	July 19, 24; 15 soils, 39 silts	July 21, 22, 25 GLGS	N/A
EXPO - MONY W.	Jul 12-14, 16-18, 20, 22-24, 27-29, 31 DM, DK (1:2,500)	July 23; 118 soils	N/A	July 20; 1.3 kms HLEM/MAG
EXPO - WHITE CK.	Jul 27-31, Aug 1,5; PAM, MOK (1:2,500)	July 12-14, 20; 215 soils	N/A	July 20; 600 m HLEM/MAG
EXPO - ELLEN CK.	July 29-31, Aug 1, 5, 8, 10-13 JP, DK (1:2,500)	July 28; 242 soils	N/A	N/A
EXPO - GENERAL	July 6 - Aug 13; DWM, DR, NPO, PAM,PO,LAT, DB, TJB, VLB. (1:10,000; 1:20,000)	June 21 - Aug 5: 707 soils, 183 silts	July 6 - Aug 13; ABM, GJ	N/A

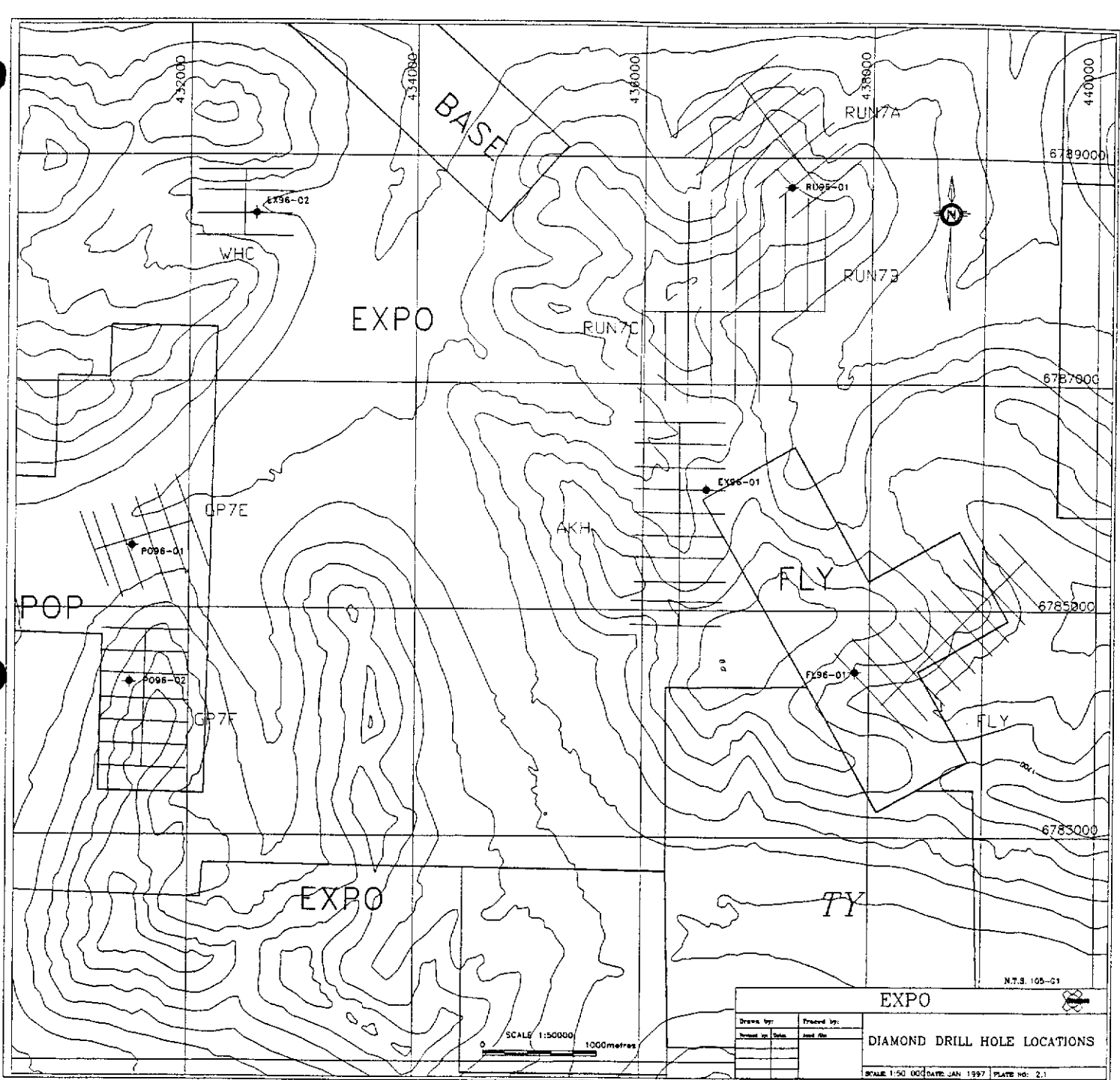
A soil, silt, and lake sediment geochemistry program covered 3 grids in detail (White Creek, Mony West, and Ellen Creek - Summary Table), with additional recce work throughout the Expo property. All soil, silt and rock samples were analyzed for Cu, Pb, Zn, Ag, As, Cd, Co, Ni, Fe, Mo, Cr, Bi, Sb, V, Sn, 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 2.

6.3 DIAMOND DRILLING

In 1996, 6 holes (totaling 816.4 metres) were drilled on 4 different properties on the EXPO group of claims, as shown in the table below. Drill hole locations are shown on Figure 2.1. Drill hole logs are included in Appendix 3. Drill hole cross sections are shown on Figures 23-28. All drilling was conducted by DJ Drilling Ltd. of Surrey, B.C. Drill core for all 6 holes are stored at the KZK camp core facility.

TABLE 2. DRILL HOLE SUMMARY

HOLE #	PROPERTY, GRID	UTM COORD	GRID COORD	COLLAR AZIMUTH	COLLAR DIP	HOLE LENGTH (m)
EX96-01	EXPO	436608E 6786059N	2+25E 12+00N	—	-90	167.6
EX96-02	EXPO	432577E 6788488N	1+00E 2+03N	—	-90	120.4
PO96-01	POP	431465E 6785613N	4+10E 0+25S	160	-70	103.0
PO96-02	POP	431693E 6784286N	1+42W 7+48N	—	-90	158.5
FL96-01	FLY	437652E 6784400N	3+25N 0+00E	—	-90	105.4
RU96-01	RUN	437350E 6788805N	1+90W 2+00N	—	-90	161.5



EXPO			
Drawn by:		Drawn by:	
Checked by:		Checked by:	
Date:		Date:	
DIAMOND DRILL HOLE LOCATIONS			
SCALE 1:50 000 DATE JAN 1997 PLATE NO: 2.1			

6.4 GEOPHYSICAL SURVEYS

6.4.1 AIRBORNE GEOPHYSICAL SURVEYS

In April 1996, approximately 670 km of airborne electromagnetic and magnetic surveys were completed on the Expo claims covering the 2 newly staked areas of Mony West and Pop South (Assessment Report on a Combined Helicopter Borne Electromagnetic and Magnetic Survey, Pelly Mountains, Yukon Territory, Canada).

6.4.2 GROUND GEOPHYSICAL SURVEYS

In 1996, ground geophysical surveys (HLEM/MAG) were completed over the White Creek and Mony West grids (Table 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 all the plots, but are discussed below using the lowest frequency (usually 440 Hz) that adequately defines the conductor.

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.

MAGNETIC SURVEY

The instrumentation for the total field magnetic survey consisted of a pair of OMNI PLUS magnetometers, one set up as a recording base station 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. The total field magnetic data is presented in stacked profile form at a scale of 1:5000.

7.0 POP PROPERTY

7.1 GEOLOGY, MINERALIZATION, and GEOPHYSICS

Completed in 1994/95, see MacRobbie (1994, 1995) and Jackisch (1994, 1995).

7.2 GEOCHEMISTRY

Soil sampling was conducted along several contour lines on the northern half of the property. This sampling identified highly elevated Cu (>65 ppm, up to 485 ppm), Pb (>50 ppm, up to 341 ppm) and Zn (<150 ppm, up to 1253 ppm) anomalies (Figures 8, 10). These anomalies will require further follow up.

7.3 DIAMOND DRILLING

7.3.1 PO96-01

The objective of this drill hole was to test a moderately dipping, >1,000 metre long, 21 ct HLEM conductor (PO4; <100 m wide; multiple conductors; depth 10 m) with a moderate (0-100nT) MAG association in an area of strong Zn-Cu+Pb-Ag soil geochemistry, identified on the GP7E grid in 1994 (Jackisch, 1994). The grid is located in the valley bottom and is assumed to be overburden covered. A favourable sequence of mixed pyritic, felsic volcanics and argillites, which is host to weakly mineralized, baritic, banded magnetite IF, strike onto the grid.

The hole intersected a sequence containing intervals of massive, fine-grained siliceous felsic flows and tuffs interbedded with mixed siltstone, mudstone, felsic tuff and minor chert units in the upper half of the hole, and a more mafic dominant sequence of mafic sills/dykes and tuffs with lesser felsic tuff and chert in the bottom half of the hole (Figure 23). Trace to locally 3% sphalerite $\pm$ trace chalcopyrite is present as disseminations along chlorite-sericite-quartz-calcite veinlets, particularly within the massive felsic flow units at 49.4-54.0 m. Sampling returned elevated Zn, Cd, Cu, Ag and As values.

Trace to 5%, fine disseminated and fracture filling pyrrhotite and pyrite is common in felsic tuff and mafic lithologies and likely represents the MAG feature identified on the grid. The HLEM conductor(s) correlate with conductive intervals at 42.3-45.4 m and 54.0-62.0 m.

7.3.2 PO96-02

The objective of this drill hole was to test a shallowly dipping, narrow, >1,000 metre long, 10-7 ct HLEM conductor (PO2; 2-15 m thick, depth 20 m) with a strong (100-300nT), flanking MAG association, in an area of strong Zn-Cu-Ag+Pb soil geochemistry on the GP7F grid in 1995 (Jackisch, 1995). The grid is underlain by a favourable sequence of mixed pyritic, felsic tuffs and flows and argillites.

The hole intersected a sequence of light yellowy green, aphanitic to granular siliceous felsic flows and tuffs/lapilli tuffs and very fine-grained, dark grey to black (chloritic?), siliceous felsic lapilli tuffs(?) with trace to 3% pyrite-pyrrhotite-sphalerite wisps and disseminations interbedded with minor siliceous and carbonaceous mudstone/argillite (Figure 24). A calcareous argillite (argillaceous mudstone?) at 27.4-29.5 m with wispy disseminated sphalerite-galena returned 0.3% Zn, 0.2% Pb and 19.6 g/t Ag over 1.5 metres. Sampling of both black siliceous felsic lapilli tuffs returned significant Ba (4,768-24,375 ppm) and Ag (>1.0-2.9 g/t) values and elevated Zn and As values.

The HLEM/MAG features appear to correlate to pyrrhotite laminated (1-5%) mafic tuffs and carbonaceous argillite between 96.6-112.2 m.

8.0 RUN & HOME PROPERTIES

8.1 GEOLOGY, GEOCHEMISTRY AND GEOPHYSICS

Completed in 1994/95; see MacRobbie (1994, 1995) and Jackisch (1995).

8.2 MINERALIZATION

Along the granodiorite intrusive contact, the mafic volcanic unit is weakly skarned with calcite-quartz-epidote-amphibole-sulphide veins and disseminations (MacRobbie, 1995). Similar mineralization is found in boulders for about 700 metres to the southwest. Results for several samples of skarned, mineralization (Figure 4) collected from this area by A.B. Mawer in 1996 are in Appendix II; grabs include ABM0036 grading 8.0% Zn and 12.4 g/t Ag and ABM0034 grading 5.0% Zn, 4.2% Pb and 56.6 g/t Ag.

8.3 DIAMOND DRILLING

8.3.1 RU96-01

The objective of this drill hole was to test a shallow dipping, 200 metre long, <10 ct HLEM conductor

(RU2; depth <10 m) identified in 1995 on the GP7A grid (Jackisch, 1995). The hole was located uphill of barite float occurrences and strong Zn-Pb-Cu-Ag soil geochemistry anomalies. The grid is underlain by a favourable sequence of mixed pyritic, felsic and minor mafic volcanics and intercalated argillites intruded by an equigranular to weakly porphyritic granodiorite intrusive.

The hole intersected a sequence of fine-grained, cherty, variably pyritic felsic tuffs/lapilli tuffs and flows cut by several quartz porphyry dykes underlain predominantly by carbonaceous argillite and siltstone and lesser felsic tuff found in the lower third of the drill hole (Figure 25). Pyrite-sphalerite-galena-tetrahedrite(?) in quartz-Fecarbonate veinlets and related disseminations are found at 3 stratigraphic levels: 34.8-37.0 m, 59.9-60.2 m (0.5% Zn, 0.5% Pb and 4.5 g/t Ag over 1.5 metres) and 108.6-109.2 m (0.8% Zn, 0.9% Pb and 24.6 g/t Ag over 0.6 metres). A chloritic exhalite at 38.8-39.6 m returned 0.6% Zn, 0.1% Pb and 4.4 g/t Ag over 0.8 metres. Felsic tuff units are locally baritic (veinlet related?) containing >5,000 to 7,902 ppm Ba. No recognizable barite was intersected.

The HLEM conductor is correlated to conductive, carbonaceous argillite units near the bottom of the hole.

9.0 FLY PROPERTY

9.1 GEOLOGY, MINERALIZATION AND GEOPHYSICS

Completed in 1995; see MacRobbie (1995) and Jackisch (1995).

9.2 GEOCHEMISTRY

Detailed silt sampling was conducted on streams draining north and east on the Fly Property. This sampling identified strongly anomalous Pb (up to 608 ppm) with weaker Cu (up to 217 ppm) and Zn (up to 742 ppm) values.

9.3 DIAMOND DRILLING

9.3.1 FL96-01

The objective of this drill hole was to test a shallow dipping, >1,600 metre long, <35 ct HLEM conductor (FL1; depth 30 m) located below a conformable, <100nT MAG feature on the 1995 GP7D grid (Jackisch, 1995). The hole was located uphill of a 1 sample Zn-Cu-Pb-Ag soil anomaly coincident with the HLEM feature. The grid is underlain by a favourable sequence of mixed pyritic, felsic volcanics and intercalated argillites. The Ty Barite Showing is found in this sequence about 1km to the west.

This drill hole intersected a sequence of siliceous, variably pyritic and sericite/Fecarbonate altered felsic tuff, flow and minor lapilli tuff intercalated with variably siliceous, black carbonaceous mudstone. Several Fecarbonate/clay(?) altered felsic dykes and mafic dykes cut the package (Figure 26).

The HLEM conductor reflects carbonaceous mudstones; mudstone intervals from 3.0-36.7 m and 55.5-68.6 m are conductive.

No mineralization of interest was intersected. Sampling revealed elevated Cu-Zn-Ba values and high Ag values (1.0-6.5 ppm) and As values (100-1424 ppm) throughout.

10.0 EXPO PROPERTY - MONY WEST

10.1 GEOLOGY

The Mony West area is located in the northwest portion of the Expo claims, approximately 4.5 km NW of the Base claims and 5 km NNW of the Pop claims. Bluffs and ridges offer excellent exposure above treeline, though below this elevation good exposure is found only in creek beds. The lowlands between Mony West (Expo) and the Mony Property are very poorly exposed, limiting correlation between the two properties.

The area is underlain by a thick sequence of late Devonian to mid-Mississippian felsic metavolcanics and carbonaceous phyllite and schist with interbanded mafic metavolcanics correlating to Mortensen's "middle unit". This sequence is overlain to the west by thrust bound late Devonian to Triassic "Slide Mountain" mafics and ultramafics (Figure 3).

The Mony West grid area was mapped at 1:2,500 scale (Figure 3). The grid area is underlain by a thick sequence of southwest dipping, medium banded to laminated, sheared felsic tuffs and lesser flows interbedded with minor mafic tuff and argillite. Boudinage fabrics are abundant. Three distinct felsic units are present, including creamy weathering, fine-grained, medium to thin banded feldspathic felsic tuff, mixed argillaceous felsic tuffs characterized by mm size steel-gray quartz layers interbedded with thin pelitic (biotite-muscovite-feldspar-quartz) layers, and more massive, sugary textured, quartz crystal-rich felsic flows. Toward the east, these rocks grade into a sequence of varied coloured (ie. pink, white, black, grey reflecting proportions of feldspar, quartz and biotite) felsic crystal-lapilli tuffs with well augened feldspar and quartz crystals, 2-10 mms in diameter. Up section to the west, felsic volcanics and mixed felsic/pelitic metasedimentary units are interbanded with green mafic tuff units. The entire sequence is cut by numerous thin (0.2-1.0 m thick) biotitic sills/dykes.

Immediately to the west and south of the grid are overthrust Slide Mountain Terrane rocks comprising rusty weathering and strongly magnetic serpentine, serpenitine-talc, and olivine-talc ultramafics commonly containing euhedral magnetite. These ultramafics are sandwiched between fine-grained, finely layered greenish mafic tuff and flows, locally containing amphibole phenocrysts or occasional calcite filled amygdules.

Several young intrusive rocks (syenite, gabbro and amphibole granite), are only found west of the Slide Mountain thrust in this area.

10.2 MINERALIZATION

Mineralization was first discovered by A.B. Mawer in 1995 (MacRobbie, 1995). In 1996, 3 areas of sphalerite-pyrite mineralization were located during mapping (Figure 3).

Mineralization in the Main Showing area consists of strongly hydrozincite stained, weakly rusty weathering subcrop and minor outcrop of mixed, thin banded feldspathic and argillaceous felsic tuffs containing laminated to discontinuous laminated, fine-grained to blebby dark sphalerite and pyrite. The mineralized units appear to be 2-4 m thick and are exposed over a 40 m strike length. The Zn mineralization is weak (0.5-1.5% generally; grades up to in grab samples) with low Pb, Ag and Cu values. Pyrite content ranges from <1-5% in this area. The low Pb-Cu content, lack of significant pyrite and recognisable sericite-chlorite-Fecarbonate alteration suggest the showings represent distal VHMS mineralization.

In creek cuts, 200 m on strike to the northwest of the Main Showing, minor Zn mineralization of a similar style is found. The northern most creek cut exposes a more massive and pyritic felsic flow unit and mixed felsic tuffs also containing laminated to discontinuous laminated, fine-grained to blebby dark sphalerite and pyrite.

A third area of Zn mineralization was found approximately 250 m southwest of the Main Showing, hosted in a stratigraphically higher interval of felsic flow and mixed felsic tuffs. Here fine to medium-grained sphalerite-pyrite occur as thin bands and disseminations with a fracture/vein-like character. Abundant quartz-tourmaline and quartz-tourmaline-pyrhotite-pyrite veins have been observed to cross-cut and parallel foliation within these tuffs.

10.3 GEOCHEMISTRY

Soil sampling was conducted over the entire Mony West Grid in 1996. This sampling identified anomalous areas of elevated Pb (>30 ppm, up to 160 ppm) and highly elevated Zn (>150 ppm, up to 2024 ppm) coincident with the main area of mineralization. Detailed silts also returned strong anomalies of Pb (up to 3339 ppm) and Zn (up to 1568 ppm).

10.4 GEOPHYSICS

The Mony West grid was established July 16, 1996, to cover a geological target to allow for testing of its geophysical signature. The results of the surveys indicate no significant conductivity or magnetic features in the area of interest (Figures 11-15).

11.0 EXPO PROPERTY - WHITE CREEK

11.1 GEOLOGY

The White Creek drainage is located approximately 1.5 kms north and along strike of the POP property (Figure 4). Field work in 1994/95 identified White Creek as having good potential to host a VHMS deposit (MacRobbie, 1994, 1995).

Outcrop exposure in the creek valley is generally poor since much of the valley is tree and brush covered. The area is underlain by late Devonian to mid-Mississippian, "middle unit" felsic metavolcanics (3G) and carbonaceous phyllite and schist with interbanded mafic metavolcanics (3F) (Mortensen, 1985).

In 1996 the White Creek grid (WHC-7H) was remapped at 1:2,500 scale. The sequence in the White Creek grid area can be subdivided into 3 packages, as follows, from bottom to top:

- a mixed interval of interbedded, 2-30 m thick, siliceous, pyritic felsic flows, tuffs and 0.2-1.0 m thick intervals of laminated, siliceous and pyritic black argillite; barite, baritic exhalite/tuff and banded sphalerite-pyrite+pyrrhotite VHMS mineralization of the Main Showing (MacRobbie, 1994, 1995) occur near the top of this sequence
- a 30-50 m thick massive, black to dark grey, slatey argillite
- a 200-500 m thick sequence of fine-grained, massive, siliceous felsic flow, and more sericitic felsic tuff containing locally significant chlorite-Fecarbonate-sericite. One distinct mappable unit occurs near the base of this felsic volcanic sequence; a discontinuous siliceous felsic tuff containing conspicuous flattened grey pelitic lapilli.

A strong N-trending S2 cleavage oriented sub-parallel to primary layering is present throughout the White Creek area. Dips are generally subhorizontal (0-35 degrees); however, toward the west and in the vicinity of the showing, dips are steeper (up to 55 degrees) and E-W to NW-trending suggesting the presence of a west plunging antiform with an axis along White Creek.

11.2 MINERALIZATION

The White Creek Showing consists of bedded barite and at least 3 thin intervals of baritic, banded pyrite with local pyrrhotite-sphalerite+ rare magnetite hosted in banded/bedded siliceous felsic tuff and argillite. The best result from 1994 was a grab sample grading 2.6% Zn, 0.2% Cu, 13.2 g/t Ag and 1.5% Ba.

In 1996, a new showing comprising thin bedded, badly oxidized, rusty orange-brown weathering felsic tuffs with 15-20 cm thick barite and Mn-rich carbonate containing banded to wispy, fine-grained pyrite and minor sphalerite (ABM0046) was located about 1,200 m downstream of the Main Showings (Figure 4). This showing is thought to lie at the same stratigraphic level as the Main Showings. Further mapping/prospecting is warranted in this area.

11.3 GEOCHEMISTRY

Soil sampling was conducted over flagged lines extending off the east end of the White Creek Grid. This sampling returned a low to moderate Cu (>65 ppm, up to 219 ppm), Pb (<25 ppm, up to 113 ppm) and Zn (>200 ppm, up to 798 ppm) anomaly. Detailed silt samples were taken on the creek that runs through the middle of the grid. This silt sampling returned some highly anomalous values in Cu (up to 1046 ppm) and Zn (up to 4373 ppm).

11.4 GEOPHYSICS

This grid was originally surveyed in 1995 to test a geological target (Jackisch, 1995). On July 20, 1996, a survey crew returned to this site to add to the 1995 coverage. Additional work involved conducting HLEM and Magnetic surveys on the grid baseline (600 m long). A 100 m coil spacing was initially used, then a second pass with a 150 m coil spacing was made to test for deeper lying conductors (Figures 16-22). An additional higher frequency was also used (7040 Hz) to help detect a weakly conductive zone. Using the highest frequency and the 150 m coil separation, a very weak conductor (0.5 seimens) is evident. This conductor is approximately 25 m wide, 30 m deep, and centered at 225N. No anomalous magnetic features are present.

11.5 DIAMOND DRILLING

11.5.1 EX96-02

The objective of this hole was to test the White Creek Showings located approximately 70 metres to the north of the hole collar. No AEM/MAG or ground geophysical targets were identified in this area.

The hole intersected 2 felsic intervals separated by thin interbedded chloritic argillaceous siltstone, mudstone and lesser fine felsic tuff/tuffaceous exhalite (Figure 27). The upper felsics comprise very fine-grained, siliceous, banded to ribboned, pyritic and locally baritic, cherty tuff/exhalite (banding often defined by sulphides) and minor more massive, aphanitic flow. Intervals of chlorite-Fecarbonate alteration are associated with thin wispy disseminations of pyrite-sphalerite to bands of sulphide rock up to 30 cms thick comprising fine-grained to recrystallized/buckshot textured pyrite-sphalerite mineralization. The best interval at 53.3-54.1m graded 1.4% Zn, 0.07% Cu, 5.9 g/t Ag and 1.0% Ba over 0.8 metres. The lower felsics comprise more granular textured felsic tuffs and are noticeably more Fecarbonate altered. Similar alteration associated with heavy sulphide disseminations and bands are present at 91.2-92.2 m, which graded 0.7% Zn, 0.1% Cu and 4.8 g/t Ag over 1.0 metres.

This hole is significant in identifying a package of felsic rocks with good silica-chlorite-Fecarbonate alteration and sulphide mineralization (although thin and low grade) of clearly a VHMS style, very reminiscent of some KZK sulphide textures.

Further drilling is recommended. The upper sulphide bands at 53 m are close to the depth of effective 100 m coil separation HLEM penetration. Given the possible antiformal structure, the HLEM coverage in this area may only be testing a 150 m wide portion of this horizon centered on White Creek.

12.0 EXPO PROPERTY - AKHURST CREEK

12.1 GEOLOGY, MINERALIZATION, GEOCHEMISTRY and GEOPHYSICS

Completed in 1994/95, see MacRobbie (1994, 1995) and Jackisch (1994, 1995).

12.2 DIAMOND DRILLING

12.2.1 EX96-01

The objective of this drill hole was to test a shallow dipping, 200 metre, 30 ct HLEM conductor (AK1; 25 m thick, depth 30-40 m) with a weak (100nT) MAG association hosted within a favourable sequence of mixed pyritic, felsic volcanics and argillites (Jackisch, 1995; MacRobbie, 1995). The drill hole is located about 350 metres ESE of a Zn-Ag Showing and several weakly sp-ga-py mineralized barite and baritic felsic tuff showings. Given the shallow dips recorded in outcrop, the conductor was thought to perhaps lie at the same stratigraphic level as the showings.

The hole intersected a mixed sequence of sericitic, aphanitic to granular textured, siliceous fine-grained felsic tuffs and lesser monolithic and heterolithic felsic lapilli tuffs interbedded with thin banded to laminated, medium to dark grey chert/cherty exhalite and dark grey to black, siliceous mudstone/silty mudstone (Figure 28).

A 6 m thick, black to dark grey, variably carbonaceous mudstone at 25.2-31.0 metres likely represents the HLEM conductor.

The felsic tuffs and interbedded sediments are typically pyrrhotitic (tr-5%; responsible for weak MAG responses), pyritic (tr-5%) and often contain tr-1% fine-grained disseminations (predominantly vein related) of sphalerite. Trace to locally 10%, fine disseminated to crudely banded (few cms) sphalerite with 5-15% po-py is found along thin interbedded chert/exhalite and chloritic tuff contacts in the interval 37.2-38.6. This interval graded 0.9% Zn and 3.2 g/t Ag over 1.4 metres. More significant is a thin (30 cm) interval at 106.1-106.4 m of sericitic and siliceous felsic tuffs hosting disseminated and crudely banded sphalerite which graded 0.9% Zn, 40.5 g/t Ag and elevated Ba (see also interval 88.6-88.8 m). Elevated Ag (>1.0 to 5.0 g/t) and Ba (>5,000 to 7,762 ppm) are found throughout the hole.

13.0 EXPO PROPERTY - ELLEN CREEK

13.1 GEOLOGY

The Ellen Creek Grid is located in the Pop South area of the Expo claims, 5 km SSE of the Pop claims (Figure 2). The picketted geochemical grid lies partially above treeline, with good exposure on several sheer cliffs and in creek beds.

The Pop South area is underlain by the late Devonian to mid-Mississippian felsic metavolcanics with interbanded mafic metavolcanics of the lower "middle unit" of Mortensen's layered Metamorphic Sequence (Mortenson, 1985). This sequence is intruded by late Devonian to Mississippian Simpson Range Intrusives (Figure 6).

Detailed 1:2500 mapping of the Ellen Creek grid revealed a moderately northward-dipping package of felsic flows interbedded with strongly foliated felsic crystal tuffs, minor lapilli tuffs, and intermediate to mafic volcanics. The felsic flows are white to cream coloured, massive and aphyric with fine sericite partings on a cm scale; in contrast to the strongly foliated/fissile nature of the quartz-sericite schists (felsic tuffs). Several distinct tuffaceous units are interbedded with these flows and are host to significant Fe-Cu-Zn mineralization. The tuffaceous units usually form conspicuous, brownish-yellow to rusty-orange outcrops due to the weathering of abundant, finely disseminated pyrite. Yellow jarosite staining and a white sulphate(?) percolate coat many outcrops in the area. Rounded (1-2mm; 2-8%), clear to bluish coloured quartz eyes set in a fine quartz-sericite-chlorite matrix with up to 15% disseminated, fine to medium-grained euhedral pyrite characterize the felsic crystal tuffs. Fresh surfaces have a distinct bluish-grey to greenish-grey colour.

Approximately 75m south of the baseline, a distinct steel blue-grey, pyritic felsic quartz crystal tuff unit, traceable for about 500m along strike, is found to be mineralized by hydrozincite-malachite+azurite (after chalcopryite disseminations) along with speckled brown Mn stains along foliation surfaces.

The felsic tuff/flow package is sandwiched between granitic to monzonitic K-feldspar-quartz porphyries which outcrop in areas of high topography in the most northern and southern fringes of the grid. These porphyries are typified by the presence of megacrystic K-feldspars up to 1.5 cms. A small quartz-feldspar porphyry is found in the central part of the grid area.

A large structure has been interpreted to strike through the saddle on the eastern edge of the grid. A sequence of felsic flows overlain by a blocky massive quartzite unit and a skarned mafic flow outcrop on the eastern side of this structure (see MacRobbie, 1995).

13.2 MINERALIZATION

Prospecting and mapping located several areas of disseminated Fe sulphide-Cu-Zn mineralization in the Ellen Creek area.

The most impressive of these are massive to semi-massive pyrite mineralized float containing up to 5% tarnished chalcopryite and locally minor sphalerite and greenockite, within felsic quartz crystal tuffs found in Ellen Creek (Figure 6); grab samples ABM0059-62 graded up to 5.0% Zn, 0.6% Cu, 0.1% Pb, 43.3 g/t Ag and 736 ppb Au. In this same area, blue quartz-bearing felsic crystal tuffs contain up to 15% disseminated, fine to medium-grained euhedral pyrite and are locally found to contain trace black sooty chalcocite on foliation surfaces (ABM0056-57).

The felsic quartz crystal tuff mineralized with hydrozincite-malachite+azurite and trace chalcopryite returned up to 1.5% Zn and 0.1% Cu (ABM0064).

Oxidized felsic tuffs and flows with good pyrite boxworks were observed at various locations throughout the grid; ABM0058 returned 0.2% Zn, 0.3% Pb and 12.8 g/t Ag.

13.3 GEOCHEMISTRY

Soil sampling was conducted over the entire Ellen Creek grid. This soil sampling outlined a significant area of strongly anomalous Cu (>122 ppm, up to 1299 ppm) and Pb (>104 ppm, up to 1287 ppm). There is also a weak anomaly of Zn (>137 ppm, up to 1901 ppm).

14.0 EXPO PROPERTY - POP SOUTH/GENERAL RECCE

14.1 GEOLOGY

Mapping at 1:10,000 scale was completed over the 80 square kilometre Pop South area surrounding the Ellen Creek grid. Outcrop was primarily limited to ridges.

As with other Expo properties, the Pop South area is underlain by late Devonian to mid-Mississippian felsic metavolcanics and carbonaceous phyllite and schist, with interbanded mafic metavolcanics of the lower "middle unit" of Mortensen's layered Metamorphic Sequence (Mortenson, 1985).

This YTT volcanic-sedimentary package is intruded by a number of younger co-magmatic Simpson Range felsic to intermediate intrusives (Figure 6).

The ridge on the western edge of the Pop South area consists of a thick package of moderately foliated, yellow to orange felsic volcanic crystal tuffs interbedded with thin intermediate-mafic volcanic crystal tuffs and very minor siliceous mudstone. A homogeneous coarse grained quartz-feldspar porphyry (Simpson Range) intrudes the volcanic package.

The central ridge consists of a sequence of interbedded felsic and subordinate mafic flows, crystal tuffs and tuffs with minor quartzite and graywacke. This sequence is also intruded by several Simpson Range plutons, including quartz, feldspar, and quartz-feldspar porphyries, as well as subequigranular quartz monzonite and granite.

Ridges to the north and east of the central ridge are underlain by Simpson range granite to granodiorite plutons and quartz-feldspar porphyries.

The dominant S2 foliation dips moderately to the north and is well developed in the volcanic-sedimentary packages, and at intrusive margins.

14.2 MINERALIZATION

The Ellen Creek showing is the most conspicuous showing in the area; however, several zones of mineralization were noted in felsic and mafic volcanics on the western and central ridges (Figure 6, Appendix II).

The most significant mineralization found comprises semi-massive pyrite-chalcopyrite bands and disseminations within strongly chloritic rock (mafic tuff or altered felsic??) on the northern edge of the western ridge. Grab samples include ABM0066 which graded 3.1% Cu, 34.8 g/t Ag and 456 ppb Au.

14.3 GEOCHEMISTRY

Contour soil lines were run proximal to the geochemical grid and extended into many recce areas. The soil sampling has returned numerous Pb-Zn-Cu (Pb up to 1280 ppm, Zn up to 2663ppm, and Cu up to 1342 ppm) anomalous values requiring follow-up work in 1997. Many detailed and recce stream silts were taken, yielding strong anomalies (Cu up to 3039 ppm, Pb up to 608 ppm and Zn up to 7104 ppm) to follow-up.

15.0 CONCLUSIONS and RECOMMENDATIONS

The Expo Property area is underlain by late Devonian to mid-Mississippian, "middle unit" felsic metavolcanics and carbonaceous phyllite and schist with interbanded mafic metavolcanics of the Yukon Tanana Terrane, which are host to Cominco's ABM VHMS Deposit and Westmin/Atna's WOLVERINE VHMS Deposit, 35 kms and 25 kms, respectively to the north.

Detailed geological mapping, prospecting, and soil geochemistry were completed over 3 grids (White Creek (WHC-7H), Mony West, and Ellen Creek) in 1996. Two of these grids (White Creek (WHC-7H) and Mony West) were also covered by geophysical ground surveys (HEM/MAG). In addition to this detailed work,

recce mapping/prosepecting as well as soil and silt sediment geochemistry was conducted throughout the property. Geological mapping at 1:10,000 scale was carried out in the Pop South area periferal to the Ellen Creek (Expo) grid.

The results of geophysical surveys on White Creek (WHC-7H) and Mony West grids did not indicate any significant conductive (HLEM) or magnetic response. On the basis of these results, no further geophysical work is recommened on these targets.

Further work (prospecting, geological mapping, additional soil/silt geochemistry) is recommended to followup soil and geochemical anomalies in favourable stratigraphy in the following areas:

- to the east and west of Ellen Creek,
- to the north of Akhurst Creek extending to the Base and Home properties
- in the upper White Creek drainage area, in addition to areas on strike of the White Creek showings and soil anomalies

Drilling should be contemplated for the White Creek and Ellen Creek areas to test surface mineralization and supporting soil anomalies.

Report by:

L. A. Tulk for LAT.

L. A. Tulk
Geologist

Endorsed by:

D. Rhodes

D. Rhodes,
Senior Geologist

Approved for
Release by:

D. W. Moore

D. Moore
Manager, Exploration
Western Canada

LAT/

DISTRIBUTION:

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APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Lisa A. Tulk of 5430 Portland St., Burnaby, B.C. hereby declare that I:

1. Graduated from Carleton University, Ottawa, Ontario with a B.Sc. in Geology in May, 1996.
2. Have been actively engaged in mineral exploration in Western Canada as a contract geologist with Cominco Ltd. since May, 1996.

Date: January, 1997



LISA A. TULK
GEOLOGIST

APPENDIX II

1996 SOIL, SILT and ROCK GEOCHEMISTRY DATA

EXPO GEOCHEMICAL ROCK DATA

ASSAY, XRF

HOME & RUN

LAB NO	FIELD NUMBER	Cu	Pb	Zn	Ag	Au	Wt Au	Cd	Ba(4)
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
R9612953	GI-007A	67	1190	5340	11.9	<10	5	34	1577
R9611916	ABM-33	894	1190	E13300	21.1	78	5	135	9167
R9611917	ABM-34	46	E41600	E50100	56.6	54	5	196	9431
R9611918	ABM-35	87	67	8570	1.9	<10	5	90	9841
R9611919	ABM-36	82	830	E80100	12.4	30	5	710	7076
R9612956	GI-008A	86	27	2430	1.2	<10	5	30	1626
R9612970	GI-0020	172	E10400	E12000	26.4	126	5	295	2968
R9612971	GI-0020A	120	1580	E13200	9.4	<10	5	108	522

MONY WEST

LAB NO	FIELD NUMBER	Au	Wt Au	Ba(4)	Zr	Y	Nb
		ppb	ppm	ppm	ppm	ppm	ppm
R9612937	MAH-240	<10	5	1560			
R9612949	MAH-0177	<10	5	1083			
R9612940	MAH-0179	<10	5	1006			
R9612951	MAH-191A	<10	5	498			
R9612952	MAH-191B	<10	5	960			
R9612953	MAH-0186	<10	5	876			
R9612954	MAH-189B	<10	5	1043			
R9612919	MAH-189B	<10	5	1334			
R9612920	MAH-0187	<10	5	937			
R9612921	MAH-0216	<10	5	879			
R9612922	MAH-0217	<10	5	454			
R9612912	MAH-189C				205	41	26
R9612935	MAH-0195				203	44	22

WHITE CREEK

LAB NO	FIELD NUMBER	Cu	Pb	Zn	Au	Wt Au	Ba(4)	Ag	Cd
		ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm
R9612949	MOK-0441				<10	5	2160		
R9612950	MOK-0411				20	5	E74856		
R9611922	ABM-46	88	910	2780	<10	5	4738	2.4	18
R9612945	GI-007A	67	1190	5340	<10	5	1577	11.9	34
R9612956	GI-008A	86	27	2430	<10	5	1626	1.2	30
R9612970	GI-0020	172	E10400	E12000	120	5	2968	26.4	295
R9612971	GI-0020A	120	1580	E13200	<10	5	522	9.4	108

ELLEN CREEK

LAB NO	FIELD NUMBER	Cu	Pb	Zn	Au	Wt Au	Ag	Cd	Ba(4)
		ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
R9612948	ABM-057C				5	852	<10		
R9612945	JP0139A				5	1847	<10		
R9612944	JP0139B				5	1331	<10		
R9612946	JP0140				5	1867	<10		
R9612947	JP0141				5	1914	34		
R9611923	ABM-55	19	184	30	<10	5	2.8	<1	2042
R9611926	ABM-56	200	7	42	<10	5	<4	<1	727
R9611927	ABM-57	284	15	43	<10	5	<4	<1	481
R9611928	ABM-58	380	3330	2440	24	5	12.8	13	675
R9611929	ABM-59	247	314	181	736	5	43.3	<1	1604
R9611930	ABM-60	2390	1420	E50200	<10	5	15	350	1705
R9611931	ABM-61	5950	928	216	210	5	23.4	<1	5593
R9611912	ABM-62	679	583	290	126	5	23.8	<1	2651
R9611933	ABM-63	469	9	56	<10	5	<4	<1	5164
R9611934	ABM-64	1460	263	E15100	<10	5	1.9	136	903

POP SOUTH

LAB NO	FIELD NUMBER	Cu	Pb	Zn	Ag	Au	Wt Au	Ba(4)	Cd	Zr	Y	Nb
		ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
R9612968	GI-0018A	374	3200	9650	3.6	<10	5	123	36			
R9612966	GI-0017A	324	4440	2870	4.4	<10	5	1329	33			
R9612967	GI-0017B	307	112	792	1	60	5	454	13			
R9611935	ABM-65	8290	22	526	7.5	76	5	733	<1			
R9611936	ABM-66	E31300	48	536	34.8	456	5	372	3			
R9611937	ABM-67	E27400	16	442	41	376	5	93	<1			
R9612591	ABM-0908	21	20	312	<4	<10	5	2729				
R9612592	ABM-0908A	18	21	308	0.4	<10	5	155				
R9612593	ABM-0909	153	<4	130	<4	<10	5	176				
R9612594	PO-1001					<10	5					
R9612595	TIB-0251					<10	5	197				
R9612596	TIB-0252					<10	5	1181				
R9612597	TIB-0253					<10	5	2003				
R9612598	NP00194									141	18	16
R9612599	VLB-0206A									166	22	21
R9612600	ZAS-0387									105	11	12

ANALYTICAL METHODS

Au: Aqua regia decomposition / solvent extraction / AAS
Wt Au: The weight of sample taken to analyze for gold (g/rock)
Ba(4): X-Ray fluorescence / pressed pellet
Zr: X-Ray fluorescence / pressed pellet
Y: X-Ray fluorescence / pressed pellet
Nb: X-Ray fluorescence / pressed pellet

EXPO GEOCHEMICAL ROCK DATA
ICP

MONEY WEST

LAB NO	FIELD NUMBER	Cu	Pb	Zn	Ag	As	Ba	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%
R9615637	MAH240	17	8	65	<4	23	94	<1	8	18	4.02	4	101	<5	17	58	<2	<2	7	3	5	472	1.22	0.06	1.49	0.59	0.03	0.15
R9612949	MAH-0177	72	318	9291	3.2	<2	127	44	5	13	3.1	12	95	<5	16	69	<2	2	3	8	8	272	0.25	0.01	0.85	0.09	<0.01	0.17
R9612950	MAH-0179	18	8	132	<4	4	141	<1	3	4	2.95	6	87	<5	14	14	5	<2	3	12	5	264	0.33	0.07	0.69	0.12	<0.01	0.42
R9612951	MAH-181A	14	21	1617	0.4	10	79	4	4	4	1.81	5	83	6	<5	3	<2	<2	<2	12	15	50	0.02	<0.01	0.21	0.13	<0.01	0.14
R9612952	MAH-181B	20	490	1073	2.7	4	74	10	4	4	1.79	15	88	<5	<5	8	8	<2	8	13	15	283	0.23	0.02	0.96	0.86	0.02	0.17
R9612953	MAH-0186	33	4	1096	<4	5	125	3	4	7	2.42	4	80	<5	<5	4	<2	<2	8	13	15	283	0.23	0.02	0.96	0.86	0.02	0.17
R9612954	MAH-189B	32	3	65	0.6	<2	134	<1	11	8	7.7	14	44	9	17	94	4	<2	30	21	9	1231	0.7	0.27	3.68	3.07	0.1	0.71
R9612919	MAH-186B	9	250	439	0.5	<2	80	1	1	14	3.01	19	51	<5	8	37	3	<2	<2	12	13	468	0.45	0.03	1.03	0.06	<0.01	0.41
R9612920	MAH-0187	92	11	358	1	<2	128	<1	12	16	5.19	5	112	12	47	151	<2	4	10	5	6	1438	2.21	0.55	4.31	1.04	0.03	2.5
R9612921	MAH-0216	134	1127	5974	3.2	7	28	35	3	5	3.04	12	75	<3	<3	3	4	<2	<2	20	26	118	0.01	<0.01	0.14	0.04	<0.01	0.08
R9612922	MAH-0217	4	6	42	<4	9	64	<1	7	11	1.73	6	68	<5	<5	22	2	<2	4	10	13	273	0.43	0.05	0.99	0.16	0.01	0.38

WHITE CREEK

LAB NO	FIELD NUMBER	Cu	Pb	Zn	Ag	As	Ba	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%
R9615649	MOK0361	7	<4	3	<4	<2	66	<1	3	36	2.16	15	87	<5	<5	9	<2	<2	3	<2	<2	12	<0.01	<0.01	0.15	<0.01	0.02	0.07
R9615650	MOK0413	190	95	7619	5.3	19	33	89	5	89	6.36	12	86	7	18	449	40	<2	63	26	3	1226	1.72	<0.01	0.26	4.78	<0.01	0.02

ELLEN CREEK

LAB NO	FIELD NUMBER	Cu	Pb	Zn	Ag	As	Ba	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%
R9615641	JP0139B	544	15	126	1	<2	72	<1	12	19	3.58	12	67	<5	<5	21	<2	<2	12	3	5	536	1.64	0.04	1.77	0.56	0.01	0.12
R9615645	JP0139A	385	26	15	2.3	<2	74	<1	9	16	3.61	38	74	<5	12	7	<2	4	<2	4	<2	147	0.45	0.02	0.66	0.13	0.01	0.15
R9615646	JP0140	227	11	88	0.4	8	111	<1	4	5	2.24	18	74	<5	12	13	3	<2	10	3	3	283	1.02	0.06	1.11	0.19	0.01	0.16
R9615647	JP0141	536	8	44	0.7	11	94	<1	5	14	1.72	28	74	<5	<5	16	<2	<2	3	5	5	366	0.84	0.03	1.02	0.24	0.01	0.14
R9615648	ARM057C	174	6	31	0.5	133	42	<1	7	2	4.13	3	45	<5	<5	17	<2	<2	8	<2	<2	143	0.99	0.09	1.21	0.14	0.02	0.09

POP SOUTH

LAB NO	FIELD NUMBER	Cu	Pb	Zn	Ag	As	Ba	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%
R9615664	PO-300	619	<4	35	2	92	9	<1	200	93	113.61	2	59	<5	11	29	<2	<2	24	7	21	777	0.4	0.2	1.01	4.99	<0.01	<0.01
R9616286	TJB0254	33	44	83	0.4	12	213	<1	1	37	1.53	29	98	<5	6	41	<2	<2	15	4	3	182	0.34	<0.01	0.4	0.23	<0.01	0.06
R9616292	TJB0252	172	18	494	1.2	39	128	<1	3	69	5.9	6	169	<5	9	469	<2	<2	17	27	14	1439	2.48	0.01	2.57	1	<0.01	0.05
R9616294	TJB0251	761	5	90	<4	<2	36	<1	3	23	3.6	3	83	9	10	18	<2	<2	3	2	3	988	1.03	0.04	1.28	0.03	<0.01	0.06

ANALYTICAL METHODS

ICP PACKAGE :0.5 gram sample digested in hot reverse aqua regia (soil)

**EXPO GEOCHEMICAL ROCK DATA
WHOLEROCK**

MONY WEST

LAB NO	FIELD NUMBER	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	FeO	MnO	MgO	CaO	Na ₂ O	K ₂ O	P ₂ O ₅	Ba	LOI
		%	%	%	%	%	%	%	%	%	%	%	%	%
R9612932	MAH-189C	73.76	0.25	11.91	2.27		0.06	0.79	0.73	1.43	5.39	0.06	0.06	0.85
R9612933	MAH-0193	75.75	0.22	11.49	1.74		0.07	0.44	2.29	2.38	2.9	0.07	0.06	1.67

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	Mat	Orgn	Site	Colr	Sz	Orgc	Wet	Dpth	Width	Slp	Flw/Horz	Cu	Pb	Zn	Ag	As	Ba/CP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	Au	WtAu	BaXRF
S9610527	324715	0	PD-15	1	2	*	2G	23	1	2	20	3		B2	99	18	149	0.7	8	309	1	6	31	1.99	2	46	2	27	1	16	8	17	272	0.24	0.01	1.04	0.13	0.02	0.15	5	10	1332		
S9610528	324716	50	PD-15	1	2	*	2B	34	1	2	15	2		B2	71	24	248	0.4	17	256	2	29	59	3.2	3	66	2	2	41	1	20	5	19	951	0.58	0.03	1.39	0.21	0.01	0.23	5	10	2708	
S9610529	324717	100	PD-15	1	2	*	2B	24	2	2	10	2		B2	82	32	262	0.9	21	732	3	17	88	3.05	2	99	2	6	49	1	25	19	32	577	0.83	0.03	1.63	0.44	0.01	0.15	5	10	2958	
S9610530	324718	150	PD-15	1	2	*	2B	45	2	2	15	2		B2	111	39	282	0.2	36	343	1	27	135	4.81	2	108	2	7	85	1	17	11	24	835	1.54	0.14	2.21	0.27	0.01	0.11	5	10	3123	
S9610531	324719	200	PD-15	1	2	*	2B	34	2	2	20	2		B2	58	23	136	0.5	23	380	1	9	64	2.88	2	74	2	5	58	1	17	5	15	313	0.86	0.04	1.42	0.26	0.01	0.13	5	10	2016	
S9610532	324720	250	PD-15	1	2	*	2B	34	2	2	15	2		B2	64	14	96	0.6	15	375	1	9	48	2.17	3	59	2	2	44	1	16	4	14	171	0.56	0.01	1.16	0.16	0.01	0.11	5	10	-1	
S9610533	324721	300	PD-15	1	2	*	2B	23	2	1	15	2		B2	48	25	24	0.2	6	232	1	1	13	1.8	29	32	2	2	41	1	22	3	19	43	0.05	0.01	0.29	0.02	0.01	0.22	5	10	2915	
S9610534	324722	350	PD-15	1	2	*	2B	23	2	2	15	2		B2	65	21	125	0.2	18	383	1	7	48	3.34	8	36	2	2	59	1	25	4	21	218	0.84	0.05	1.12	0.1	0.01	0.13	5	10	3883	
S9610535	324723	400	PD-15	1	2	*	2B	34	2	2	15	2		B2	56	30	166	0.2	26	162	1	8	51	4.08	4	51	2	2	59	1	13	2	19	319	0.79	0.07	1.38	0.07	0.01	0.14	5	10	2855	
S9610536	324724	450	PD-15	1	2	*	YB	34	2	2	15	2		B2	101	31	65	0.2	15	331	1	1	22	3.12	16	38	2	2	50	1	28	2	37	99	0.18	0.03	0.85	0.03	0.01	0.35	5	10	4581	
S9610537	324725	500	PD-15	1	2	*	YB	34	1	2	15	2		B2	81	30	167	1	32	380	1	7	45	4.75	7	30	2	2	63	1	28	3	26	332	0.63	0.06	1.38	0.05	0.01	0.26	5	10	4061	
S9610538	324726	550	PD-15	1	2	*	2B	24	1	2	15	2		B2	55	20	143	0.2	24	227	1	6	43	2.97	4	39	2	2	67	1	16	2	15	230	0.71	0.09	1.33	0.11	0.01	0.22	5	10	3274	
S9610539	324727	600	PD-15	1	2	*	2B	34	1	1	15	3		B2	107	30	127	0.2	13	496	1	5	30	3.53	10	18	2	5	40	1	33	5	38	163	0.23	0.02	0.75	0.04	0.01	0.44	5	10	5046	
S9610540	324728	650	PD-15	1	2	*	2B	24	1	1	15	3		B2	18	30	48	0.5	10	176	1	1	10	1.41	3	19	2	2	41	1	12	1	13	85	0.05	0.11	0.49	0.08	0.01	0.13	5	10	2356	
S9610541	324729	700	PD-15	1	2	*	2B	24	2	1	20	3		B2	19	17	25	0.6	6	120	1	1	4	1	1	28	2	2	20	1	9	1	5	153	0.04	0.01	0.52	0.06	0.01	0.09	5	10	1336	
S9610542	324730	750	PD-15	1	2	*	2B	34	1	1	15	3		B2	28	37	111	1	5	250	2	5	14	2.01	3	27	2	2	42	1	14	1	13	983	0.08	0.06	0.42	0.12	0.01	0.14	5	10	2282	
S9610543	324731	800	PD-15	1	2	*	2B	24	1	1	15	3		B2	21	25	47	0.2	4	132	1	1	10	1.47	2	23	2	2	29	1	11	1	9	74	0.15	0.09	0.5	0.06	0.01	0.09	5	10	2136	
S9610544	324732	850	PD-15	1	2	*	2B	45	1	2	15	3		B2	46	32	78	0.2	13	253	1	1	22	2.16	4	30	2	2	40	1	15	3	115	0.31	0.09	0.87	0.1	0.01	0.12	5	10	2598		
S9610545	324733	900	PD-15	1	2	*	2B	24	1	1	15	3		B2	47	33	96	0.6	16	205	1	2	32	3.3	4	29	2	2	55	1	14	2	11	188	0.52	0.12	1.1	0.1	0.01	0.13	5	10	2887	
S9610546	324734	950	PD-15	1	2	*	2B	24	1	1	15	3		B2	28	26	63	0.2	9	151	1	1	15	1.65	4	21	2	2	41	1	14	1	11	91	0.18	0.08	0.48	0.07	0.01	0.1	5	10	2623	
S9610547	324735	1000	PD-15	1	5	*	2B	34	1	1	10	3		B2	26	31	64	0.6	14	179	1	1	18	2.2	3	22	2	2	49	1	14	1	12	124	0.25	0.08	0.79	0.08	0.01	0.15	5	10	2533	
S9610548	324736	1050	PD-15	1	5	*	2B	24	1	2	15	3		B2	25	36	50	0.5	13	181	1	1	15	1.99	3	21	2	2	43	1	12	1	11	105	0.23	0.09	0.76	0.07	0.01	0.1	5	10	2360	
S9610549	324737	1100	PD-15	1	5	*	2B	24	1	1	15	3		B2	117	30	234	0.7	31	238	1	4	81	3.41	18	22	2	2	64	1	22	5	15	138	0.23	0.05	0.8	0.09	0.01	0.12	5	10	5371	
S9610550	324738	1150	PD-15	1	5	*	BY	24	1	2	15	2		B2	38	28	81	0.2	15	193	1	2	24	2.54	4	34	2	2	44	1	13	2	11	159	0.38	0.08	0.9	0.07	0.01	0.14	5	10	3075	
S9610551	324739	1200	PD-15	1	5	*	BY	24	1	1	13	3		B2	44	23	113	0.2	18	253	1	6	39	3	4	44	2	2	52	1	16	3	12	298	0.65	0.11	1.21	0.11	0.01	0.17	5	10	2884	
S9610552	324740	1250	PD-15	1	5	*	2B	24	1	1	15	3		B2	159	22	68	0.7	23	351	1	3	26	4.06	4	39	2	2	63	1	13	2	15	215	0.21	0.05	0.8	0.04	0.01	0.15	5	10	3105	
S9610553	324741	1300	PD-15	1	5	*	2B	45	2	2	30	3		B2	27	21	51	0.2	10	177	1	1	12	1.39	3	28	2	2	34	1	18	7	18	85	0.29	0.02	0.93	0.13	0.01	0.12	5	10	3652	
S9610554	324742	1350	PD-15	1	5	*	2B	24	1	1	15	3		B2	27	21	51	0.2	10	177	1	1	12	1.39	3	28	2	2	34	1	18	7	18	85	0.29	0.02	0.93	0.13	0.01	0.12	5	10	3652	
S9610555	324743	1400	PD-15	1	5	*	2B	24	1	1	15	3		B2	104	25	179	1	37	193	1	8	59	3.36	5	29	2	2	41	1	18	4	22	142	0.22	0.05	0.86	0.05	0.01	0.09	5	10	2278	
S9610556	324744	1450	PD-15	1	5	*	2B	24	2	2	15	3		B2	83	32	204	0.8	33	359	1	5	62	3.03	11	39	2	2	33	1	33	5	22	128	0.24	0.03	0.73	0.27	0.01	0.13	5	10	2467	
S9610557	324745	1500	PD-15	1	5	*	2B	34	1	1	15	3		B2	31	26	84	0.5	17	150	1	3	19	2.64	3	43	2	2	58	1	12	1	12	127	0.18	0.06	0.86	0.07	0.01	0.11	5	10	3295	
S9610558	324746	1550	PD-15	1	5	*	2B	34	1	1	15	3		B2	19	14	74	0.5	13	111	1	3	17	1.87	2	37	2	2	46	1	13	1	9	153	0.18	0.05	0.7	0.1	0.01	0.1	5	10	1908	
S9610559	324747	1600	PD-15	1	5	*	2B	24	1	1	20	3		B2	39	27	85	2.8	21	200	1	2	26	2.5	3	39	2	2	52	1	15	1	10	127	0.3	0.06	0.93	0.09	0.01	0.15	5	10	1412	
S9610560	324748	1650	PD-15	1	5	*	1G	23	1	1	20	4		B2	6	12	6	0.2	6	753	1	1	2	1.82	13	36	2	2	14	1	81	17	24	11	0.02	0.01	0.12	0.01	0.01	0.39	40	10	2087	
S9610561	324749	1700	PD-15	1	5	*	2B	34	2	1	20	3		B2	76	10	30	1.1	7	132	1	1	15	1.16	2	32	2	2	23	1	9	1	11	32	0.06	0.05	0.49	0.05	0.01	0.09	5	10	10950	
S9610562	324984	1800	PD-15	1	5	*	2G	23	1	1	20	3		B2	50	9	25	0.8	137	114	1	1	12	1.26	18	25	2	2	16	1	8	1	18	22	0.01	0.01	0.2	0.02	0.01	0.08	5	10	1987	
S9610563	324985	1850	PD-15	1	5	*	3B	45	2	2	20	3		B2	107	32	263	0.2	36	572	1	34	240	4.14	4	46	2	7	52	1	37	11	17	510	1.16	0.12	1.78	0.57	0.02	0.1	5	10	3385	
S9610564	324986	1900	PD-15	1	5	*	2B																																					

S9610822	300632	DV-5	850	1	5	*	GB 45	2	2	15	2	B2	27	16	35	0.6	6	199	1	1	6	0.7	2	28	2	2	25	1	1	20	1	7	57	0.12	0.02	0.72	0.16	0.01	0.16	5	10	2485
S9610923	300633	DV-5	1000	1	5	*	1B 24	1	3	20	2	B2	85	46	236	0.4	36	503	1	8	63	3.28	4	92	2	2	32	1	1	33	1	21	514	0.41	0.01	0.89	0.47	0.01	0.15	5	10	1894
S9610924	300634	DV-5	1050	1	5	*	2B 34	1	2	20	2	B2	46	25	78	0.7	19	316	1	3	19	1.41	4	45	2	2	38	1	1	22	2	9	154	0.27	0.03	0.78	0.24	0.01	0.16	5	10	2936
S9610925	300635	DV-5	1100	1	5	*	GN 45	1	2	20	2	B2	106	51	282	1.9	45	1313	2	7	75	2.91	7	74	2	2	80	1	1	32	4	14	277	0.42	0.01	1.61	0.32	0.01	0.28	5	10	4297
S9610926	300636	DV-5	1150	1	5	*	2B 4	3	2	15	2	B1	95	47	399	1.1	46	1473	3	26	110	3.33	11	75	2	2	88	1	1	55	4	17	915	0.81	0.02	1.92	0.55	0.02	0.29	5	10	4860
S9610927	300637	DV-5	1200	1	5	*	2B 34	2	2	20	2	B2	46	31	158	1.2	17	370	1	5	26	2.32	6	26	2	2	49	1	1	25	5	11	404	0.35	0.01	1.22	0.25	0.01	0.22	5	10	2614
S9610928	300638	DV-5	1250	1	5	*	2B 45	1	2	20	2	B2	56	34	189	1.7	12	781	1	5	42	2.09	7	23	2	5	46	1	1	34	4	15	236	0.38	0.02	1.38	0.45	0.02	0.2	5	10	3211
S9610929	300639	DV-5	1300	1	5	*	3B 45	2	2	10	2	B1	155	43	615	3.6	30	1177	8	7	111	2.84	11	30	2	2	67	1	1	37	18	25	538	0.45	0.02	1.63	0.4	0.02	0.26	5	10	3203
S9610930	300640	DV-5	1350	1	5	*	3G 5	2	3	30	2	G	23	19	29	2.3	5	149	1	1	6	0.96	3	12	2	2	30	1	1	21	32	8	98	0.16	0.03	0.56	0.25	0.01	0.27	5	10	3475
S9610931	300641	DV-5	1400	1	5	*	1B 25	2	3	25	2	B2	303	37	1047	1.3	46	1375	10	7	231	2.71	10	38	2	2	76	1	1	52	4	32	348	0.55	0.02	1.62	0.7	0.02	0.13	32	10	3787
S9610932	300642	DV-5	1450	1	1	*	2B 23	1	2	15	2	B2	68	54	141	1	37	337	1	10	39	3.53	4	42	2	8	30	1	1	23	3	22	628	0.34	0.01	0.68	0.29	0.01	0.13	5	10	3641
S9610933	300643	DV-5	1500	1	1	*	3B 4	3	2	20	2	B1	104	34	506	2.1	50	712	6	6	95	2.55	6	31	2	2	47	1	1	62	9	17	372	0.52	0.02	1.43	1.03	0.02	0.28	5	10	2555
S9610934	300644	DV-5	1550	1	5	*	3B 24	2	2	20	2	B2	93	30	414	1.4	21	713	2	5	76	1.78	5	26	2	2	49	1	1	45	8	19	328	0.45	0.03	1.22	0.57	0.01	0.24	5	10	2955
S9610935	300645	DV-5	1620	1	5	*	2B 45	2	2	25	2	B	20	11	111	2.5	9	263	1	1	60	1.14	10	26	2	2	28	1	1	18	9	5	120	0.18	0.01	0.69	0.16	0.01	0.27	5	10	3342
S9610936	300646	DV-5	1650	1	2	*	BG 24	2	2	20	2	B2	109	39	496	1.5	34	1085	5	17	106	2.64	15	37	2	5	72	1	1	54	1	16	1585	0.51	0.01	1.6	0.8	0.02	0.16	5	10	1886
S9610937	300647	DV-5	1700	1	5	*	2B 24	2	3	25	2	B1	84	21	266	2.4	73	899	5	5	47	1.94	9	27	2	2	47	1	1	40	8	14	280	0.3	0.01	1.15	0.55	0.01	0.18	-1	-1	2849
S9610938	300648	DV-5	1750	1	5	*	2B 24	1	2	20	2	B2	93	15	257	1.4	22	860	3	30	55	1.92	7	32	2	2	51	1	1	28	6	16	588	0.34	0.02	0.84	0.31	0.01	0.17	5	10	3128
S9610939	300649	DV-5	1800	1	5	*	3G 4	2	2	20	2	B1	330	12	895	2.9	31	496	16	53	472	1.53	6	25	2	2	48	1	1	47	9	23	784	0.33	0.02	1.11	0.85	0.02	0.16	5	10	2758
S9610940	300650	DV-5	1865	1	5	*	2B 24	2	3	25	2	B1	172	24	200	1.7	36	435	1	33	61	2.54	12	42	2	2	78	1	1	23	26	19	758	0.33	0.02	1.02	0.22	0.01	0.19	5	10	3606
S9610941	300651	DV-5	1900	1	1	*	3G 4	3	3	30	2	g	244	22	178	6.2	34	1300	4	68	132	1.83	10	24	2	2	49	1	1	41	20	23	1701	0.19	0.01	0.8	0.49	0.02	0.15	5	10	3555
S9610942	300652	DV-5	1950	1	1	*	2B 23	1	2	20	2	B2	74	18	228	1.3	26	688	2	9	65	1.69	8	26	2	2	72	1	1	41	6	15	350	0.23	0.02	0.69	0.44	0.01	0.16	5	10	4083
S9610943	300653	DV-5	2000	1	5	*	2G 24	2	2	25	2	g	597	17	613	2.2	58	1277	10	11	198	2.46	13	41	2	2	89	1	1	57	36	43	551	0.38	0.01	1.16	0.62	0.02	0.18	5	10	5466
S9611209	323993	MW-17		1	2	*	3G 54	3	1	15	3	B1	39	23	135	1.4	19	479	2	2	27	1.29	2	24	2	2	23	1	1	52	6	11	302	0.27	0.01	0.93	1.43	0.02	0.12	5	10	1958
S9611210	323994	MW-17	50	1	2	*	2G 54	1	2	15	3	B2	58	32	159	0.9	28	460	1	11	62	2.89	3	81	2	2	66	1	1	20	5	23	337	0.82	0.02	1.73	0.35	0.02	0.13	5	10	3084
S9611211	323996	MW-17	150	1	2	*	BG 53	2	2	15	3	B1	63	48	111	1	35	125	1	2	17	3.39	4	11	2	2	21	1	1	16	1	21	221	0.33	0.02	0.85	0.19	0.01	0.12	5	10	2483
S9611212	323997	MW-17	200	1	2	*	2G 32	1	2	10	3	B2	53	48	80	1.5	45	181	1	1	11	3.61	5	12	2	2	24	1	1	17	1	30	185	0.34	0.01	0.7	0.01	0.01	0.15	5	10	3055
S9611213	323998	MW-17	250	1	2	*	BG 34	2	2	15	3	B2	20	18	28	1.4	16	104	1	1	5	1.33	1	9	2	2	12	1	1	7	1	11	60	0.12	0.01	0.34	0.01	0.02	0.11	5	10	3372
S9611214	323999	MW-17	300	1	2	*	2G 54	1	2	15	3	B1	10	8	13	0.7	3	67	1	1	3	0.42	1	7	2	2	8	1	1	4	1	2	203	0.04	0.01	0.2	0.03	0.02	0.09	5	10	2059
S9611215	324000	MW-17	350	1	2	*	BG 43	3	2	15	3	B2	52	19	215	1	18	193	8	8	44	2.08	2	75	2	2	57	1	1	17	1	10	343	0.8	0.07	0.91	0.22	0.01	0.11	5	10	1276
S9611216	326001	MW-17	400	1	2	*	3B 34	2	2	10	4	B1	65	21	74	1.6	12	186	1	8	28	3.25	3	49	2	2	64	1	1	10	2	12	260	0.29	0.14	1.07	0.07	0.01	0.12	5	10	2640
S9611217	326002	MW-17	450	1	2	*	2B 43	2	2	15	4	B2	29	10	37	1	7	144	1	3	11	1.41	3	22	2	2	34	1	1	12	1	7	153	0.13	0.1	0.81	0.06	0.02	0.11	5	10	2029
S9611218	326003	MW-17	500	1	2	*	2B 54	3	2	15	4	B2	11	7	24	0.2	1	111	1	1	7	0.83	1	19	2	2	21	1	1	11	1	5	82	0.09	0.08	0.28	0.06	0.02	0.11	5	10	1583
S9611219	326004	MW-17	550	1	2	*	2B 42	2	2	10	4	B1	48	21	91	1	17	401	1	13	41	6	4	81	2	2	88	1	1	61	3	14	433	0.56	0.25	1.14	0.2	0.04	0.19	5	10	1628
S9611220	326005	MW-17	600	1	2	*	2B 32	1	2	15	4	B2	14	2	19	0.6	1	281	1	1	8	1.93	2	20	2	2	31	1	1	22	1	4	448	1.11	0.18	2.01	0.1	0.03	0.16	5	10	2242
S9611221	326006	MW-17	650	1	2	*	2B 32	2	2	15	4	B2	28	22	65	0.9	11	228	1	1	23	2.92	3	42	2	2	61	1	1	24	2	13	48	0.13	0.18	0.35	0.04	0.03	0.16	5	10	7154
S9611222	326007	MW-17	700	1	2	*	BY 35	1	2	15	4	B2	39	15	79	0.9	11	409	1	1	23	5.1	4	55	2	2	76	1	1	38	1	13	157	0.33	0.16	0.89	0.06	0.04	0.14	5	10	1550
S9611223	326008	MW-17	750	1	2	*	2B 32	1	2	15	4	B1	47	157	136	1.5	13	202	1	4	16	2.89	4	22	2	2	55	1	1	16	1	14	116	0.26	0.23	0.87	0.11	0.03	0.16	5	10	3195
S9611224	326009	MW-17	800	1	2	*	2B 35	2	2	15	4	B1	35	69	74	0.9	35	166	1	1	10	2.57	3	13	2	2	27	1	1	11	1	20	392	0.12	0.12	0.48	0.09	0.02	0.15	5	10	2816
S9611225	326010	MW-17	850	1	2	*	2B 35	3	2	15	4	B																														

S9611904 338011 JLS-13 11900	1	3	*	BY 32	1	1	25	3	C	49	34	39	0.7	39	298	1	1	5	3.82	8	9	7	5	11	1	1	21	6	29	44	0.1	0.01	0.34	0.01	0.01	0.14	5	10	10622
S9611905 338012 JLS-13 12000	1	3	*	2B 32	1	1	20	3	B2	57	41	63	0.2	55	177	1	1	10	4.24	7	8	9	5	13	1	1	19	5	20	70	0.1	0.01	0.33	0.01	0.01	0.09	5	10	6133
S9611906 338013 JLS-13 12100	1	3	*	2B 32	1	1	20	4	C	154	87	109	1.7	54	292	1	8	29	5.29	9	33	12	9	36	1	1	31	6	26	230	0.4	0.04	0.99	0.01	0.01	0.06	5	10	5371
S9611907 338014 JLS-13 12200	1	3	*	2B 32	1	1	20	4	C	141	84	108	1.3	4	316	1	8	33	8.63	11	50	7	5	68	8	1	51	4	27	282	0.72	0.04	1.13	0.09	0.04	0.12	5	10	4675
S9611908 338015 JLS-13 12300	1	3	*	2B 32	1	1	20	4	B2	441	306	556	1.5	3	353	2	131	159	6.75	10	123	7	2	70	1	1	29	27	25	1814	2.07	0.08	2.88	0.25	0.01	0.03	5	10	4256
S9611909 338016 JLS-13 12400	1	5	*	3B 43	2	2	30	4	B1	42	18	20	0.4	3	40	1	2	4	0.72	2	4	8	2	7	1	1	3	3	7	78	0.03	0.01	0.51	0.01	0.01	0.02	5	10	1130
S9611910 338017 JLS-13 12500	1	2	*	2B 43	1	2	20	4	B2	29	45	50	0.4	15	59	1	1	5	1.91	4	7	2	2	11	1	1	5	1	6	151	0.14	0.01	0.49	0.01	0.01	0.04	5	10	1738
S9611911 338018 JLS-13 12600	1	3	*	2B 45	1	2	20	4	B2	35	82	80	0.7	65	122	1	1	10	3.29	4	14	10	2	20	1	1	8	2	16	128	0.3	0.01	0.63	0.01	0.01	0.07	5	10	3224
S9611912 338019 JLS-13 12700	1	3	*	BG 42	1	2	20	4	B2	44	81	82	1	35	117	1	3	16	3.09	2	15	7	8	21	1	1	8	2	16	122	0.22	0.01	0.58	0.02	0.02	0.05	5	10	2230
S9611913 338020 JLS-13 12800	1	3	*	3B 41	2	2	20	4	B1	72	169	118	0.8	12	515	2	7	24	1.74	1	18	10	5	28	1	1	11	7	15	562	0.04	0.01	0.51	0.15	0.02	0.05	5	10	1845
S9611914 338021 JLS-13 12900	1	3	*	2B 41	1	2	20	4	B2	42	109	83	0.2	9	207	1	4	17	3.08	5	21	2	9	32	1	1	14	3	17	120	0.16	0.05	0.69	0.05	0.01	0.04	5	10	2879
S9611915 338022 JLS-13 13000	1	2	*	2B 42	1	2	25	4	B2	36	59	85	0.2	14	105	1	4	22	2.83	2	30	10	2	24	1	1	10	3	14	145	0.36	0.04	0.88	0.04	0.01	0.04	5	10	2699
S9611916 338023 JLS-13 13100	1	3	*	2B 34	1	1	20	4	B2	33	52	106	0.7	10	183	1	4	17	2.74	3	18	11	2	35	1	1	11	3	13	329	0.18	0.02	0.81	0.04	0.01	0.05	5	10	2950
S9611917 338024 JLS-13 13200	1	3	*	2B 42	1	1	20	4	B2	25	37	75	0.2	11	103	1	3	12	2.02	1	10	17	2	29	1	1	8	2	13	111	0.08	0.01	0.49	0.03	0.03	0.04	5	10	1751
S9611918 338025 JLS-13 13300	1	3	*	1B 32	1	1	20	4	B2	77	45	156	1	18	159	1	6	39	4.65	3	38	5	2	39	3	1	21	7	19	242	0.21	0.05	0.82	0.03	0.02	0.06	5	10	2545
S9611919 338026 JLS-13 13400	1	3	*	2B 42	1	1	20	4	B1	28	48	46	0.2	5	99	1	2	9	1.66	1	11	10	10	19	1	1	7	2	10	83	0.08	0.01	0.58	0.02	0.03	0.04	5	10	1903
S9611920 338027 JLS-13 13500	1	3	*	BG 42	2	1	25	4	A2	59	58	39	1.5	9	220	1	19	13	1.67	2	14	2	2	18	1	1	8	2	10	2886	0.07	0.01	0.98	0.03	0.04	0.04	5	10	1718
S9611921 338028 JLS-13 13600	1	5	*	3B 42	2	2	20	4	B2	33	42	56	0.2	16	155	1	3	14	2.12	2	21	17	2	29	1	1	9	2	11	119	0.15	0.03	0.67	0.03	0.01	0.05	5	10	2133
S9611922 338029 JLS-13 13700	1	3	*	2B 42	1	2	20	4	B2	35	39	64	0.6	14	138	1	8	24	2.47	4	37	11	7	33	1	1	9	3	10	572	0.29	0.06	0.78	0.09	0.01	0.08	5	10	1755
S9611923 338030 JLS-13 13800	1	2	*	2B 41	2	2	20	4	A2	42	80	72	0.6	24	352	1	5	15	2.44	3	14	12	2	30	4	1	10	2	15	4003	0.06	0.01	0.49	0.05	0.03	0.08	5	10	3220
S9611924 338031 JLS-13 13900	1	3	*	3B 42	2	1	20	4	B2	53	33	99	0.9	54	232	1	5	25	3.62	7	16	12	2	19	1	1	14	4	29	121	0.15	0.01	0.53	0.01	0.01	0.12	5	10	4856
S9611925 338032 JLS-13 14000	1	3	*	2G 23	1	2	20	4	C	55	50	153	0.6	31	108	1	7	36	3.62	5	8	18	2	18	1	1	9	4	27	133	0.05	0.01	0.32	0.02	0.03	0.06	5	10	4290
S9611926 338033 JLS-13 14100	1	3	*	BG 23	1	1	20	4	B1	37	38	79	1.8	7	109	1	3	19	2.37	3	18	6	5	42	1	1	8	3	15	140	0.11	0.01	0.75	0.03	0.02	0.05	5	10	2070
S9611927 338034 JLS-13 14200	1	3	*	3B 41	1	2	20	4	C	20	21	52	0.2	15	43	1	3	13	1.79	3	8	11	2	28	1	1	5	2	13	55	0.04	0.01	0.36	0.01	0.01	0.02	5	10	1345
S9611928 338035 JLS-13 14300	1	3	*	GY 32	1	1	25	2	B2	54	341	101	1.1	2	109	1	3	18	3.41	1	9	14	2	18	1	1	20	4	26	158	0.17	0.01	0.58	0.02	0.02	0.05	5	10	4228
S9611929 338036 JLS-13 14400	1	3	*	BG 23	1	1	15	4	B2	60	126	150	0.7	31	107	1	8	32	4	7	14	14	10	32	1	1	19	4	18	105	0.03	0.01	0.47	0.03	0.02	0.04	5	10	1913
S9611930 338037 JLS-13 14500	1	3	*	2B 34	1	1	15	4	B1	36	58	72	0.6	12	268	1	4	17	3.34	3	21	12	2	47	2	1	25	2	14	80	0.09	0.01	0.56	0.08	0.03	0.06	5	10	2946
S9611931 338038 JLS-13 14600	1	3	*	2B 42	2	1	15	4	B2	194	423	607	1.9	7	1023	4	52	93	6.25	8	76	15	2	73	6	1	44	48	35	2739	0.57	0.02	1.71	0.76	0.01	0.07	5	10	3468
S9611932 338039 JLS-13 14700	1	3	*	2B 42	1	1	20	4	C	84	26	326	0.9	50	474	1	22	100	6.85	5	74	11	5	40	1	1	85	13	33	460	0.54	0.05	1.49	0.06	0.12	0.21	5	10	10739
S9611933 338040 JLS-13 14800	1	3	*	3B 42	1	2	20	4	B1	107	40	124	1	14	153	1	10	31	3.43	2	23	2	2	26	1	1	12	5	20	513	0.15	0.01	1.28	0.04	0.03	0.06	5	10	2886
S9611934 338041 JLS-13 14900	1	3	*	BY 32	1	1	15	2	B1	42	100	124	0.8	9	332	3	17	25	2.19	3	24	14	2	43	1	1	8	3	11	1199	0.08	0.01	0.74	0.04	0.01	0.05	5	10	1989
S9611935 338042 JLS-13 15000	1	3	*	3B 42	1	2	15	4	B2	39	34	90	0.6	9	91	1	5	21	2.88	3	24	9	2	36	1	1	7	4	12	531	0.02	0.01	0.44	0.03	0.03	0.04	5	10	1800
S9611936 338043 JLS-13 15100	1	3	*	3B 42	1	2	15	4	B1	50	20	151	0.4	156	166	1	50	84	3.89	1	88	5	2	50	1	1	10	5	10	1230	0.88	0.1	1.3	0.13	0.01	0.06	5	10	1370
S9611937 338044 JLS-13 15200	1	3	*	3B 42	1	2	15	4	B1	42	100	124	0.8	9	332	3	17	25	2.19	3	24	14	2	43	1	1	8	3	11	1199	0.08	0.01	0.74	0.04	0.01	0.05	5	10	1989
S9611938 338045 JLS-13 15300	1	3	*	3B 42	1	2	15	4	B1	27	25	71	0.2	1	153	1	7	18	1.69	1	13	11	6	36	1	1	7	2	14	531	0.02	0.01	0.44	0.03	0.03	0.04	5	10	1800
S9611939 338046 JM-16 2250	1	5	*	3B 42	2	2	20	4	B2	39	34	90	0.6	9	91	1	5	21	2.88	3	24	9	2	36	1	1	7	4	12	531	0.02	0.01	0.44	0.03	0.03	0.04	5	10	1800
S9611940 338047 JM-16 2300	1	3	*	3B 42	1	1	15	4	B1	50	20	151	0.4	156	166	1	50	84	3.89	1	88	5	2	50	1	1	10	5	10	1230	0.88	0.1	1.3	0.13	0.01	0.06	5	10	1370
S9611941 338048 JM-16 2350	1	3	*	3B 42	1	1	20	4	B1	42	100	124	0.8	9	332	3	17	25	2.19	3	24	14	2	43	1	1	8	3	11	1199	0.08	0.01	0.74	0.04	0.01	0.05	5	10	1989
S9611942 338049 JM-16 2400	1	2	*	2B 42	1	2	20	4	B1	28	23	73	0.5	9	154	1	4	16	1.47	1	14	6	6	30	1	1	9	2	10	256	0.03	0.01	0.44	0.04	0.03	0.06	5	10	1683
S9618729 300167 500 1600	1	2	*	2B 54	2	2	15	3	B2	57	9	79	1.3	24	1108	1	12	59	2.08	6	8																		

S9618757	300185	500	150	1	2	*	2B 24	1	1	10	2	B2	44	29	123	1.9	29	78	1	8	41	2.62	4	21	2	14	33	1	1	7	2	7	134	0.21	0.02	0.8	0.02	0.01	0.02	-1	-1	2805
S9618758	300186	500	100	1	2	*	2B 24	1	2	10	2	B2	44	17	88	1.1	1	110	1	5	32	1.9	9	19	2	8	35	1	1	9	2	8	66	0.12	0.04	0.5	0.03	0.01	0.03	-1	-1	3761
S9618759	300197	500	-400	1	2	*	2B 24	1	2	10	3	B2	24	19	60	1.5	30	104	1	2	19	1.26	1	6	2	13	34	2	1	5	1	4	104	0.02	0.03	0.23	0.01	0.01	0.04	-1	-1	2995
S9618760	300198	500	-350	1	2	*	1B 24	1	1	10	3	B2	23	12	64	0.9	14	117	1	1	21	1.19	9	7	2	9	29	1	1	7	2	6	30	0.04	0.01	0.26	0.01	0.01	0.03	-1	-1	2995
S9618761	300199	500	-300	1	2	*	2B 24	1	2	10	3	B2	41	17	78	0.7	18	124	1	2	24	1.94	9	15	2	2	22	1	1	7	2	5	73	0.13	0.01	0.42	0.03	0.01	0.02	-1	-1	4499
S9618762	300200	500	-250	1	2	*	1B 24	1	2	10	3	B2	18	18	38	1	3	97	1	1	11	1.1	4	7	2	14	15	1	1	7	1	5	34	0.05	0.01	0.26	0.02	0.01	0.03	-1	-1	3709
S9618763	300201	500	-200	1	2	*	2B 24	1	2	10	3	B2	50	44	114	0.6	16	159	1	7	37	2.9	1	51	2	9	41	1	1	10	2	5	166	0.47	0.06	0.85	0.1	0.01	0.06	-1	-1	3167
S9618764	300202	500	-150	1	2	*	2B 24	1	2	10	3	B2	32	17	65	0.7	6	133	1	3	19	2.15	7	18	2	2	29	1	1	9	2	7	66	0.15	0.02	0.56	0.01	0.01	0.03	-1	-1	3797
S9618765	300203	500	-100	1	2	*	2B 24	1	2	10	2	B2	61	31	105	0.2	24	180	1	5	41	2.85	11	31	2	21	34	1	1	10	3	7	104	0.25	0.04	0.61	0.03	0.01	0.04	-1	-1	4622
S9618766	300204	500	-50	1	2	*	2B 24	1	2	10	2	B2	42	16	97	1.1	2	106	1	4	35	2.45	7	17	2	15	39	1	1	9	2	7	74	0.09	0.05	0.48	0.01	0.01	0.04	-1	-1	3867
S9618767	300205	500		1	2	*	2B 24	1	2	10	3	B2	59	9	60	0.8	28	114	1	5	35	2.4	5	28	2	12	29	1	1	15	3	6	94	0.21	0.03	0.45	0.13	0.01	0.04	-1	-1	3776
S9618768	300206	500	50	1	2	*	2B 24	1	2	10	3	B2	43	19	84	0.9	20	131	1	5	40	2.69	5	38	2	7	45	7	1	13	2	7	116	0.28	0.05	0.57	0.03	0.01	0.04	-1	-1	3142
S9618769	300207	300	100	1	2	*	2B 24	1	2	10	2	B2	53	20	104	1.1	24	94	1	7	48	3.63	1	41	2	16	77	1	1	7	2	5	191	0.34	0.06	0.65	0.03	0.01	0.03	-1	-1	3502
S9618770	300208	350	100	1	2	*	2B 24	1	2	10	2	B2	45	27	103	1.1	31	79	1	7	47	4.31	2	42	2	22	59	13	1	8	2	5	229	0.33	0.06	0.66	0.05	0.01	0.03	-1	-1	3230
S9618771	300209	400	100	1	2	*	YB 24	1	2	10	2	B2	104	48	128	1.4	24	98	1	12	66	3.78	6	48	2	24	35	19	1	7	3	8	183	0.47	0.02	1.04	0.04	0.01	0.02	-1	-1	2191
S9618772	300210	450	100	1	2	*	2B 24	1	2	10	3	B2	60	20	104	0.9	27	101	1	6	44	2.71	2	32	2	14	36	9	1	10	3	7	197	0.29	0.04	0.57	0.02	0.01	0.04	-1	-1	4187
S9618773	300211	550	100	1	2	*	2B 24	1	2	10	2	B2	68	4	62	0.5	19	177	1	9	42	2.72	7	33	2	13	29	11	1	18	6	10	136	0.27	0.05	0.43	0.17	0.01	0.04	-1	-1	3544
S9618774	300212	600	100	1	2	*	2B 24	1	2	10	2	B2	70	11	72	0.6	17	199	1	6	42	3.21	9	40	2	5	37	5	1	15	3	8	110	0.31	0.05	0.82	0.05	0.01	0.05	-1	-1	3044
S9618775	300213	650	100	1	2	*	2B 24	1	2	10	2	B2	77	17	38	0.7	12	71	1	1	13	1.21	2	7	10	10	30	1	1	3	1	5	40	0.03	0.04	0.41	0.01	0.01	0.03	-1	-1	3713
S9618776	300214	750	100	1	2	*	2B 24	1	2	10	-1	B2	27	24	49	0.9	7	142	1	2	18	1.8	4	18	2	20	34	1	1	8	1	5	76	0.13	0.06	0.58	0.02	0.01	0.03	-1	-1	2882
S9618777	300215	800	100	1	2	*	2G 24	1	2	10	2	B2	10	16	38	0.8	3	89	1	1	10	0.82	3	7	2	14	19	1	1	3	1	6	58	0.05	0.01	0.34	0.01	0.01	0.02	-1	-1	2687
S9618778	300216	850	100	1	2	*	2B 24	2	2	10	1	B2	144	22	570	0.8	39	331	7	28	149	2.96	13	25	2	16	32	1	1	28	19	17	965	0.34	0.01	0.92	0.81	0.01	0.04	-1	-1	2855
S9618779	300217	900	100	1	2	*	2B 54	1	2	10	1	B2	133	30	372	1	49	244	1	21	86	3.98	13	27	11	11	40	2	4	15	17	18	606	0.39	0.01	1.02	0.36	0.01	0.02	-1	-1	3752
S9618780	300251	500	-550	1	2	*	2B 24	1	2	10	2	B2	29	23	118	1.7	24	203	1	4	37	2.56	2	25	2	13	55	9	1	11	3	8	142	0.39	0.02	1.03	0.09	0.01	0.08	-1	-1	3782
S9618781	300252	500	-500	1	2	*	2B 24	1	2	10	2	B2	24	12	65	2.5	21	185	1	2	19	1.4	5	11	2	13	32	1	1	5	2	7	53	0.07	0.01	0.55	0.04	0.01	0.02	-1	-1	3058
S9618782	300253	500	-450	1	2	*	2B 24	1	2	10	3	B2	18	8	39	1.2	12	212	1	2	11	1.24	6	9	2	8	33	1	1	3	1	4	51	0.03	0.03	0.53	0.03	0.01	0.03	-1	-1	3389
S9618783	300263	500	-600	1	2	*	2B 24	1	2	10	2	B2	45	21	126	1.1	43	441	1	4	39	2.36	5	25	2	12	48	10	1	8	4	9	118	0.35	0.01	0.94	0.04	0.01	0.05	-1	-1	2827
S9618784	300264	950	100	1	2	*	2B 23	1	2	10	1	B2	204	31	989	1	48	233	10	39	249	3.37	16	28	2	2	38	1	1	22	34	25	1329	0.42	0.01	1.47	0.67	0.01	0.03	-1	-1	4408
S9618785	300265	1000	100	1	2	*	2B 23	1	2	10	2	B2	19	12	42	1	13	78	1	3	10	1.22	4	9	2	2	38	5	1	3	1	3	58	0.02	0.02	0.6	0.03	0.01	0.02	-1	-1	3498
S9618786	300266	1050	100	1	2	*	1B 32	1	2	10	2	B2	45	2	212	0.7	15	640	5	2	92	0.39	4	6	7	2	8	1	1	48	4	5	348	0.61	0.09	1.65	0.06	0.01	0.24	-1	-1	2034
S9618787	300267	1100	100	1	2	*	3B 24	2	2	10	2	B2	32	12	102	0.7	27	180	1	5	45	2.07	3	34	16	8	42	1	1	7	2	6	106	0.19	0.01	0.58	0.07	0.01	0.02	-1	-1	1837
S9618788	339193	900	850	1	2	*	1B 32	1	2	15	4	B2	47	14	150	2.1	35	125	1	3	49	1.78	5	19	2	17	34	1	1	12	3	7	103	0.11	0.01	0.49	0.03	0.01	0.03	-1	-1	2508
S9618789	339194	900	700	1	2	*	1B 32	1	2	15	4	B1	57	19	185	1.5	68	100	1	4	50	2.49	14	14	2	25	55	1	1	10	3	8	81	0.05	0.01	0.49	0.01	0.01	0.03	-1	-1	3166
S9618790	339195	900	750	1	2	*	BR 32	1	2	15	4	B2	47	20	142	1	37	204	1	6	53	2.94	10	44	8	10	69	1	1	8	3	8	134	0.36	0.02	0.94	0.06	0.01	0.02	-1	-1	3809
S9618791	339196	900	800	1	2	*	YB 32	1	2	25	4	B2	44	15	106	1.8	28	93	1	3	36	1.78	6	11	10	2	52	1	1	6	2	6	57	0.01	0.02	0.65	0.02	0.01	0.02	-1	-1	4922
S9618792	339197	900	850	1	2	*	BR 32	1	2	20	4	B2	73	47	263	4.7	82	225	1	5	78	4.74	6	62	10	19	99	16	6	9	4	10	215	0.45	0.01	1.34	0.01	0.01	0.03	-1	-1	3015
S9618793	339198	900	900	1	2	*	2B 32	1	2	20	4	B2	79	79	424	0.9	90	78	1	8	68	3.57	14	12	11	7	70	1	1	7	4	10	129	0.06	0.01	0.59	0.01	0.01	0.04	-1	-1	4380
S9618794	339199	900	950	1	2	*	BR 32	1	2	15	4	B2	55	20	177	1.3	32	177	1	3	45	1.71	13	10	11	13	39	1	1	12	4	11	60	0.05	0.01	0.34	0.02	0.01	0.03	-1	-1	3999
S9618795	339200	900	1000	1	2	*	1B 32	1	2	15	3	B2	1	48	8	138	0.2	18	432	2	8	27	1.91	4	21	8	2	16														

S9618823	339230	700	-250	1	5	*	2B 52	1	2	15	3	B2	18	8	36	1	7	113	1	1	13	0.84	2	12	12	8	19	1	1	5	2	7	31	0.09	0.01	0.55	0.01	0.01	0.03	-1	-1	3101	
S9618824	339231	700	-300	1	5	*	2B 53	2	2	25	3	B2	52	15	143	0.9	34	1055	2	11	36	2.01	5	26	17	5	50	14	1	37	10	13	624	0.37	0.01	0.86	0.7	0.01	0.05	-1	-1	4323	
S9618825	339232	700	-350	1	5	*	2B 35	1	2	15	2	B2	82	17	173	0.7	41	800	4	7	32	2	10	24	2	2	54	7	1	19	7	12	413	0.27	0.01	0.79	0.21	0.01	0.04	-1	-1	3776	
S9618826	339233	700	-400	1	5	*	2B 32	1	2	15	2	B2	19	11	36	1	12	83	1	2	11	1.31	3	8	8	2	33	10	1	4	2	6	58	0.05	0.04	0.72	0.05	0.01	0.02	-1	-1	2311	
S9618827	339234	650	300	1	2	*	B2 32	1	2	15	3	B1	67	32	309	1	95	94	1	8	73	4.3	10	21	15	14	99	4	4	4	11	177	0.07	0.03	0.42	0.01	0.01	0.02	-1	-1	8456		
S9618828	339235	600	300	1	2	*	2B 23	1	2	15	3	B2	87	44	331	0.7	110	130	1	9	99	4.4	16	19	13	13	103	22	1	12	6	14	198	0.02	0.01	0.31	0.01	0.01	0.02	-1	-1	7717	
S9618829	339236	550	300	1	2	*	2G 23	1	2	20	3	B1	32	18	170	0.8	38	82	1	5	45	2.18	6	9	20	2	40	1	1	5	2	8	63	0.03	0.01	0.2	0.01	0.01	0.01	-1	-1	8637	
S9618830	339237	500	300	1	2	*	GB 23	1	2	20	4	B2	22	27	95	0.5	12	113	1	1	20	1.51	7	4	14	8	20	8	1	9	1	8	40	0.01	0.01	0.34	0.01	0.01	0.03	-1	-1	5591	
S9618831	339238	450	300	1	2	*	2B 23	1	2	20	3	B2	40	35	178	0.5	35	891	3	6	38	2.24	9	7	2	2	41	1	1	34	3	6	361	0.03	0.01	0.31	0.28	0.02	0.02	-1	-1	12630	
S9618832	339239	400	300	1	2	*	BG 52	1	2	15	4	B2	109	23	701	1.1	86	364	11	9	130	3.61	29	22	8	18	111	1	1	10	10	11	368	0.02	0.01	0.3	0.08	0.02	0.03	-1	-1	8215	
S9618833	339240	350	300	1	2	*	2B 52	1	2	20	4	B2	69	49	562	1.8	78	268	2	9	117	3.59	11	23	2	2	78	6	1	7	3	9	240	0.06	0.01	0.51	0.03	0.02	0.03	-1	-1	3992	
S9618834	339241	300	300	1	2	*	RB 32	1	2	15	4	Bf	117	43	798	0.9	99	390	8	10	147	4.93	18	42	5	14	163	1	1	10	17	15	403	0.19	0.01	0.85	0.09	0.01	0.04	-1	-1	7482	
S9618835	339242	750	300	1	2	*	2G 45	2	2	20	2	B2	28	24	58	1.8	10	1707	2	2	15	0.88	2	12	5	17	21	1	2	11	2	5	57	0.07	0.01	0.34	0.05	0.02	0.02	-1	-1	7063	
S9618836	339243	800	300	1	5	*	BR 32	1	2	15	3	B2	44	18	135	1	37	231	1	10	49	4	9	37	8	15	118	1	5	5	2	4	257	0.43	0.15	0.85	0.05	0.02	0.02	-1	-1	4696	
S9618837	339244	850	300	1	5	*	2	BR 32	1	2	15	2	B2	28	12	132	1.3	16	211	2	3	33	1.72	5	17	12	2	41	3	2	9	2	8	72	0.1	0.01	0.35	0.17	0.01	0.02	-1	-1	3071
S9618838	339245	900	300	1	5	*	B2 54	1	2	15	3	B2	68	23	208	1	43	138	1	6	63	2.87	6	26	13	15	58	1	3	8	4	8	146	0.28	0.02	0.71	0.04	0.01	0.03	-1	-1	3788	
S9618839	339246	950	300	1	5	*	1B 32	1	2	10	2	B1	18	9	38	0.2	9	68	1	2	12	1.02	1	6	13	11	33	1	1	3	1	3	41	0.02	0.02	0.52	0.03	0.01	0.02	-1	-1	2094	
S9618840	339247	1000	300	1	5	*	2B 23	1	2	10	1	B2	12	5	30	0.8	12	37	1	2	10	0.82	3	4	9	18	32	1	1	1	1	3	33	0.02	0.02	0.54	0.01	0.01	0.01	-1	-1	2450	
S9618841	339248	1050	300	1	5	*	2B 32	1	2	10	4	B2	16	8	36	0.4	6	37	1	2	13	0.88	1	5	17	15	31	1	2	2	1	3	35	0.01	0.03	0.41	0.01	0.01	0.02	-1	-1	2412	
S9618842	339249	1100	300	1	5	*	KG 25	3	2	50	1	Bg	485	10	159	2.2	5	379	8	12	78	0.79	4	17	12	18	1	1	4	51	21	11	739	0.18	0.01	0.44	1.02	0.02	0.02	-1	-1	1930	
S9618877	340337	450	600	1	2	*	2B 32	1	2	15	4	B2	178	34	507	3.4	61	258	2	6	133	3.69	32	18	6	14	68	1	1	57	13	14	105	0.05	0.01	0.57	0.07	0.01	0.06	-1	-1	7355	
S9618878	340338	500	600	1	2	*	GB 32	1	2	15	4	B2	79	11	193	1.6	31	128	1	3	57	1.73	15	7	7	2	47	5	1	20	4	11	54	0.01	0.01	0.34	0.01	0.01	0.02	-1	-1	4941	
S9618879	340339	550	600	1	2	*	YB 42	1	2	20	4	B2	112	11	164	1.5	43	190	1	4	68	2.77	28	9	2	2	49	6	1	30	4	13	52	0.05	0.01	0.36	0.02	0.01	0.06	-1	-1	4293	
S9618880	340340	600	600	1	2	*	BG 32	1	2	15	4	B2	49	14	92	0.9	18	140	1	2	31	1.2	9	6	7	14	38	1	1	15	2	9	34	0.01	0.01	0.23	0.02	0.01	0.04	-1	-1	3843	
S9618881	340341	650	600	1	2	*	3B 32	1	2	20	4	B2	75	12	379	1.8	48	295	6	5	82	2.4	21	11	9	8	89	1	1	17	7	14	121	0.02	0.01	0.4	0.03	0.01	0.04	-1	-1	6687	
S9618882	340342	700	600	1	2	*	2B 32	1	2	15	4	B2	117	18	534	2.2	97	578	6	31	136	3.72	17	19	5	18	87	1	1	13	10	8	1534	0.09	0.01	0.54	0.08	0.03	0.08	-1	-1	10604	
S9618883	340343	750	600	1	2	*	2B 42	1	2	20	4	B2	30	9	110	0.4	25	143	1	3	29	1.54	3	6	2	7	51	1	1	6	2	7	44	0.01	0.01	0.44	0.02	0.01	0.01	-1	-1	3208	
S9618884	340344	800	600	1	2	*	2B 42	1	2	15	4	B2	50	22	202	1.1	69	221	1	3	58	3.67	8	35	6	20	83	3	1	13	4	8	128	0.24	0.01	0.84	0.05	0.01	0.03	-1	-1	3504	
S9618885	340345	850	600	1	3	*	2B 32	1	2	20	4	B2	89	27	393	1.7	68	114	2	7	91	2.76	8	11	6	9	48	1	1	20	3	8	91	0.02	0.01	0.48	0.08	0.03	0.03	-1	-1	5852	
S9618886	340346	900	600	1	2	*	2B 42	1	2	25	3	B2	59	21	276	1.1	40	277	2	7	66	3.32	10	36	8	2	80	10	1	15	4	11	211	0.33	0.02	0.78	0.12	0.01	0.05	-1	-1	5854	
S9618887	340347	950	600	1	5	*	2B 32	1	2	20	2	B2	52	30	147	1.4	20	303	2	4	34	1.87	8	19	2	2	40	15	1	6	4	11	168	0.11	0.01	0.6	0.04	0.03	0.04	-1	-1	3424	
S9618888	340348	1000	600	1	5	*	BR 43	1	2	25	2	B2	38	23	213	2.8	32	269	1	8	33	2.86	4	24	2	10	32	1	1	5	3	7	311	0.28	0.01	0.95	0.07	0.01	0.02	-1	-1	2640	
S9618889	340349	1050	600	1	5	*	2G 32	1	2	20	2	B2	12	7	42	0.2	17	94	1	2	11	0.74	1	5	5	12	19	1	1	2	1	3	41	0.04	0.01	0.23	0.01	0.01	0.02	-1	-1	2857	
S9618890	340350	1100	600	1	5	*	2B 32	1	2	20	2	B2	15	9	53	0.2	25	103	1	2	11	1.79	1	8	16	2	38	1	1	2	1	3	89	0.07	0.02	0.42	0.01	0.01	0.01	-1	-1	2208	
S9618891	340351	1150	600	1	2	*	2B 32	1	2	30	3	B2	12	7	45	0.2	7	35	1	4	10	1.1	1	5	2	2	32	1	1	2	1	4	39	0.03	0.03	0.33	0.03	0.01	0.02	-1	-1	2617	
S9618892	340352	1200	600	1	5	*	2B 23	1	2	10	2	B2	38	21	132	0.6	35	123	1	4	30	2.13	1	18	8	16	37	1	1	10	4	8	147	0.23	0.01	0.53	0.12	0.01	0.04	-1	-1	3470	
S9618893	340353	1250	600	1	5	*	2B 3	1	2	35	2	B2	33	10	124	0.8	18	1158	1	5	22	1.58	3	17	2	5	26	8	1	42	8	12	273	0.28	0.01	0.63	0.59	0.03	0.03	-1	-1	4859	
S9618894	340354	1300	600	1	5	*	GB 3	1	2	25	2	B2	25	10	125	0.6	1	577	1	6	20	1.21	1	15	14	14	23	1	1	29	5	11	187	0.28	0.01	0.52	0.41	0.01	0.03	-1	-1	4558	
S9618895	340355	1300	650	2	1	4	GB 43	2	*	5	2	B1	82	22	206	0.6	7	528	1	7	56	1.82	8	21</																			

S9618924	340387	1100	1000	1	5	*	GK	45	2	2	35	2	B1	71	20	292	1.2	28	1147	1	14	53	2.6	2	42	6	12	53	1	1	74	16	14	580	0.66	0.01	1.03	1.33	0.02	0.03	-1	-1	5324
S9618925	340388	1100	950	1	5	*	2B	42	2	2	20	2	B2	58	33	304	1.3	39	487	2	7	59	3.04	12	32	13	5	52	7	1	16	7	14	195	0.32	0.01	0.82	0.14	0.01	0.05	-1	-1	5578
S9618926	340389	1100	900	1	5	*	BR	43	1	2	25	2	Bf	28	16	110	1.1	30	303	1	4	33	1.85	3	21	2	7	51	9	1	7	2	10	105	0.17	0.02	0.83	0.03	0.01	0.03	-1	-1	3977
S9618927	340390	1100	850	1	5	*	2B	32	1	2	20	2	B2	70	14	215	0.4	79	127	1	5	60	2.91	13	36	2	13	64	1	1	12	5	12	152	0.36	0.02	0.68	0.1	0.01	0.03	-1	-1	5804
S9618928	340391	1100	800	1	5	*	2B	32	1	2	25	2	B2	61	24	208	1.1	47	234	1	6	56	2.84	8	38	5	11	58	9	1	13	4	11	221	0.37	0.02	0.78	0.11	0.01	0.04	-1	-1	4739
S9618929	340392	1100	750	1	5	*	2B	42	1	2	25	2	B2	68	28	208	0.8	33	194	1	6	53	3.27	4	42	5	15	46	1	1	10	4	9	180	0.33	0.04	0.88	0.05	0.01	0.03	-1	-1	4358
S9618930	340393	1100	700	1	5	*	2B	42	1	2	20	2	B2	60	31	213	1.5	39	330	1	7	52	3.08	12	40	2	15	81	5	1	11	4	10	252	0.34	0.01	0.83	0.07	0.01	0.03	-1	-1	5281
S9618931	340394	1100	650	1	5	*	YB	34	1	2	20	3	B2	54	22	117	0.6	41	149	1	5	23	1.91	4	18	2	19	28	1	1	6	3	7	158	0.24	0.01	0.68	0.11	0.01	0.02	-1	-1	2182
S9618932	340395	1100	100	1	5	*	2B	32	1	2	20	2	B2	18	7	55	0.2	21	76	1	4	15	1.61	7	10	11	10	51	1	1	5	2	5	91	0.1	0.05	0.81	0.08	0.01	0.04	-1	-1	2596
S9618933	340396	1100	150	1	5	*	2B	32	1	2	30	2	B2	27	16	78	0.6	43	123	1	5	15	2.39	6	12	5	8	66	1	1	6	2	6	139	0.11	0.06	0.88	0.05	0.01	0.04	-1	-1	2256
S9618934	340397	1100	200	1	5	*	2B	32	1	2	35	3	B2	24	16	103	0.4	32	82	1	3	19	2.02	2	11	5	19	58	3	1	7	2	7	129	0.12	0.05	0.72	0.08	0.01	0.04	-1	-1	3111
S9618935	340398	1100	250	1	5	*	2B	32	2	2	30	4	B2	21	15	57	0.2	18	78	1	4	13	1.68	6	11	9	8	49	1	1	5	2	7	104	0.05	0.01	0.47	0.04	0.02	0.03	-1	-1	2681
S9618936	340399	1100	300	1	5	*	GB	32	1	2	30	4	B2	10	2	24	0.2	13	48	1	1	6	0.57	2	5	2	2	21	1	1	3	1	7	20	0.01	0.01	0.32	0.04	0.03	0.02	-1	-1	2666
S9618937	340400	1100	350	1	5	*	2B	32	1	2	30	3	B2	19	10	54	0.2	18	65	1	3	11	1.27	1	9	7	10	38	1	1	5	2	7	57	0.03	0.02	0.37	0.04	0.03	0.02	-1	-1	2146
S9618938	340401	1100	400	1	5	*	2B	32	1	2	30	3	B2	25	14	73	0.5	61	60	1	8	20	2.68	3	11	11	18	64	1	1	3	2	5	112	0.11	0.04	0.48	0.03	0.01	0.04	-1	-1	3043
S9618939	340402	1100	450	1	5	*	2B	3	1	2	30	4	B2	29	14	63	0.2	22	133	1	2	13	1.78	5	9	7	2	23	1	1	6	2	5	78	0.14	0.01	0.4	0.07	0.01	0.02	-1	-1	2906
S9618940	340403	1100	500	1	5	*	2B	32	1	2	20	1	B2	19	29	68	1.1	30	95	1	4	17	1.81	1	8	10	2	53	1	1	3	2	5	85	0.08	0.03	0.81	0.04	0.01	0.03	-1	-1	3387
S9618941	340404	1100	550	1	5	*	2B	32	1	2	25	1	B2	16	4	41	0.7	1	178	1	3	9	0.83	5	8	2	2	28	2	1	5	2	6	108	0.02	0.02	0.37	0.05	0.01	0.03	-1	-1	2828
S9618942	340405	900	300	1	1	*	2B	34	1	2	35	1	Bg	120	29	433	1	53	361	3	21	88	3.99	10	39	2	2	51	1	1	23	15	20	677	0.58	0.01	1.07	0.48	0.01	0.01	-1	-1	4102
S9618943	340406	900	350	1	5	*	3B	42	1	2	35	2	B2	48	16	79	1.1	11	231	2	12	22	1.58	5	20	10	5	43	1	1	8	6	20	878	0.01	0.02	0.62	0.07	0.03	0.03	-1	-1	4210
S9618944	340407	900	400	1	5	*	2B	32	1	2	25	2	B2	48	19	154	1.1	53	263	1	8	49	3.69	7	45	7	2	66	1	1	15	3	8	245	0.5	0.09	1.04	0.13	0.01	0.09	-1	-1	4235
S9618945	340408	900	450	1	5	*	2B	42	2	2	15	4	B2	34	9	112	2.4	15	221	1	3	24	2.74	5	23	2	24	30	16	1	7	2	10	383	0.46	0.01	1.01	0.05	0.01	0.03	-1	-1	3191
S9618946	340409	900	500	1	5	*	BG	52	1	2	30	2	B2	77	22	230	1.1	55	628	1	7	65	2.79	13	37	6	10	52	1	1	19	7	18	162	0.38	0.01	0.72	0.16	0.01	0.03	-1	-1	6872
S9618947	340410	900	550	1	5	*	1B	52	1	2	30	2	B2	63	22	232	0.7	41	396	1	6	65	3.04	8	42	8	2	52	1	1	12	6	16	146	0.41	0.02	0.81	0.04	0.01	0.04	-1	-1	7807
S9618948	340411	700	1800	1	5	*	GB	32	1	2	35	3	B2	32	11	108	0.4	21	703	1	17	48	4.08	5	94	12	18	101	1	1	37	11	15	613	1.37	0.08	2.23	0.9	0.01	0.37	-1	-1	2232
S9618949	340412	700	1550	1	5	*	3B	32	1	2	30	2	B2	52	8	94	0.2	7	149	1	7	48	2.72	4	13	13	2	61	1	1	9	2	7	170	0.02	0.01	0.35	0.05	0.01	0.02	-1	-1	2210
S9618950	340413	700	1500	1	5	*	GK	42	1	2	30	2	B2	54	13	148	1.1	49	709	1	15	53	2.91	3	73	2	14	57	1	1	73	17	13	1090	0.8	0.01	1.38	1.49	0.03	0.07	-1	-1	2263
S9618951	340414	700	1450	1	5	*	2B	32	1	2	35	2	B2	75	10	155	1.2	24	813	1	26	97	5.03	5	142	2	19	127	5	1	22	10	9	832	1.93	0.09	2.77	0.7	0.01	0.27	-1	-1	3175
S9618952	340415	700	1400	1	5	*	3B	45	2	2	35	2	Bp	54	12	133	2.1	15	1575	7	14	29	1.72	2	14	2	2	24	1	1	75	16	7	2621	0.14	0.01	0.79	0.96	0.03	0.03	-1	-1	3734
S9618953	340416	700	1350	1	5	*	3R	32	1	2	20	2	Bf	33	11	177	0.5	31	478	1	8	45	3.05	4	15	7	18	69	11	1	5	2	10	253	0.03	0.01	0.51	0.01	0.01	0.02	-1	-1	2928
S9618954	340417	700	1300	1	5	*	1B	32	1	2	25	2	B2	38	8	153	0.4	21	260	1	4	33	1.33	8	6	2	11	32	1	1	8	3	12	69	0.01	0.01	0.31	0.02	0.03	0.03	-1	-1	3533
S9618955	340418	700	1250	1	5	*	2B	32	1	2	25	3	B2	64	15	237	0.2	28	114	1	5	53	1.98	7	11	2	2	50	1	1	11	5	14	98	0.01	0.01	0.3	0.01	0.01	0.02	-1	-1	3647
S9618956	340419	700	1200	1	5	*	BR	32	2	2	15	3	Bf	82	12	207	0.2	32	137	1	14	59	3.24	13	11	2	2	52	1	1	6	2	14	380	0.02	0.01	0.5	0.02	0.02	0.02	-1	-1	4241
S9618957	340420	700	1150	1	5	*	2B	32	1	2	25	3	B2	51	40	212	0.2	18	185	1	5	43	2.42	6	14	6	2	58	1	1	9	3	10	318	0.14	0.01	0.48	0.03	0.03	0.05	-1	-1	3344
S9618958	340421	700	1100	1	5	*	2B	32	1	2	30	3	B2	49	17	243	0.2	31	234	1	6	55	2.13	12	18	2	9	34	1	1	16	3	10	118	0.21	0.01	0.42	0.13	0.01	0.03	-1	-1	4225
S9618959	340422	700	1050	1	5	*	2B	32	1	2	30	2	B2	48	15	304	0.2	25	346	9	12	40	1.92	5	13	8	5	30	8	1	21	3	7	423	0.06	0.01	0.3	0.2	0.03	0.04	-1	-1	3555
S9618960	340423	700	1000	1	5	*	BG	32	1	2	25	2	B2	40	14	109	0.9	5	84	1	2	27	1.2	10	6	7	2	32	1	1	8	2	11	40	0.01	0.01	0.4	0.01	0.01	0.02	-1	-1	3702
S9618961	340424	700	950	1	5	*	2B	42	1	2	25	2	B2	109	19	212	2	65	172	1	4	65	3.84	19	17	12	5	71	13	1	24	5	15	98	0.11	0.01	0.45	0.03	0.01	0.06	-1	-1	5

EXPO

S9619068	278410	-1	-12	*	*	-1	-1	*	*	-1	-1	-1	57	25	218	0.6	34	421	2	14	29	3.45	11	20	6	2	22	8	1	39	14	28	1474	0.54	0.01	0.84	0.45	0.01	0.23	-1	-1	2355
S9619069	278411	-1	-12	*	*	-1	-1	*	*	-1	-1	-1	110	39	1092	1.8	180	612	12	18	137	3.77	17	29	9	31	43	1	1	31	18	14	493	0.32	0.01	0.47	0.36	0.01	0.04	-1	-1	9034
S9619073	278415	-1	-12	*	*	-1	-1	*	*	-1	-1	-1	32	17	204	0.2	12	149	1	10	28	2.03	7	18	2	6	19	1	1	26	15	38	608	0.44	0.01	0.7	0.31	0.01	0.21	-1	-1	1845
S9619076	278422	-1	-12	*	*	-1	-1	*	*	-1	-1	-1	42	61	124	0.2	42	128	1	23	24	3.5	10	15	12	2	17	4	1	24	12	26	964	0.44	0.02	0.82	0.45	0.01	0.17	-1	-1	1437
S9619077	278423	-1	-12	*	*	-1	-1	*	*	-1	-1	-1	319	28	378	0.2	17	78	2	30	17	1.55	15	6	14	2	10	1	1	15	59	61	1136	0.27	0.01	1.3	0.23	0.01	0.11	-1	-1	1111
S9619078	278424	-1	-12	*	*	-1	-1	*	*	-1	-1	-1	702	77	368	0.2	34	98	2	50	28	2.22	24	9	11	2	7	1	1	12	62	46	1884	0.21	0.01	4.14	0.11	0.01	0.11	-1	-1	1518
S9619079	278425	-1	-12	0	*	-1	-1	*	*	-1	-1	-1	29	27	78	0.2	21	54	1	10	6	2.07	6	8	12	2	12	2	1	46	9	23	466	0.8	0.04	0.77	0.23	0.01	0.29	-1	-1	1372
S9619084	278430	-1	-12	*	*	-1	-1	*	*	-1	-1	-1	384	30	865	0.2	23	95	6	39	69	2.21	25	10	2	2	10	1	1	26	101	110	1977	0.42	0.01	1.16	0.31	0.01	0.18	-1	-1	1428
S9619085	278431	-1	-12	*	*	-1	-1	*	*	-1	-1	-1	528	32	1268	0.2	33	103	8	45	94	2.23	27	9	13	2	8	1	1	26	134	133	2504	0.35	0.01	1.44	0.31	0.01	0.15	-1	-1	1381
S9619086	278432	-1	-12	*	*	-1	-1	*	*	-1	-1	-1	93	51	439	0.8	59	265	3	14	67	3.63	13	26	9	17	30	1	1	25	18	18	681	0.51	0.01	0.89	0.26	0.01	0.06	-1	-1	3535
S9619087	278433	-1	-12	*	*	-1	-1	*	*	-1	-1	-1	146	39	1786	4.1	188	1550	22	15	270	2.88	14	21	8	26	34	1	1	56	61	19	884	0.25	0.01	1.15	0.62	0.01	0.04	-1	-1	7097
S9619088	278434	-1	-12	*	*	-1	-1	*	*	-1	-1	-1	260	64	1694	2.7	178	544	22	48	189	4.17	19	22	7	23	49	16	1	31	62	27	1399	0.27	0.01	0.93	0.3	0.01	0.03	-1	-1	6922
S9619091	278437	-1	-12	*	*	-1	-1	*	*	-1	-1	-1	25	29	64	0.2	9	39	1	8	8	1.9	7	17	8	2	13	1	1	29	12	35	438	0.63	0.03	0.8	0.27	0.01	0.34	-1	-1	1148
S9619151	300946	1500	1	2	*	1B	24	1	2	20	4	B	37	9	177	0.9	43	272	1	3	43	1.39	10	9	7	12	38	1	1	11	5	11	108	0.02	0.01	0.28	0.03	0.01	0.03	5	10	3943
S9619152	300947	1450	1	2	*	1B	24	1	2	15	4	B	81	22	317	1.3	108	382	1	8	91	2.42	17	16	5	7	73	23	1	19	10	17	119	0.05	0.01	0.33	0.13	0.01	0.08	5	10	3909
S9619153	300948	1400	1	3	*	2B	23	1	2	25	4	-1	95	30	336	4	105	183	1	5	88	2.6	21	16	8	6	76	1	1	26	10	19	209	0.01	0.01	0.3	0.04	0.03	0.05	5	10	4884
S9619154	300949	1350	1	3	*	2Y	34	1	2	15	4	B	118	57	555	2.4	186	306	4	10	121	3	17	27	2	17	81	20	1	49	24	20	236	0.22	0.01	0.75	0.23	0.01	0.05	5	10	3662
S9619155	300950	1300	1	3	*	2Y	24	1	2	25	4	-1	421	100	932	2.6	481	604	4	8	279	5.11	40	29	2	27	167	15	1	67	28	21	374	0.03	0.01	0.37	0.16	0.01	0.05	5	10	9682
S9619156	300951	1250	1	2	*	2B	23	1	2	30	4	B	73	24	340	1.2	105	603	1	5	81	2.33	15	14	2	15	57	7	1	41	8	15	143	0.05	0.01	0.25	0.24	0.01	0.09	5	10	5511
S9619157	300952	1200	1	3	*	2B	23	2	2	25	4	B	115	16	281	2.6	123	179	2	5	70	2.25	22	17	13	20	85	1	1	23	7	18	129	0.09	0.01	0.53	0.11	0.03	0.05	5	10	4495
S9619158	300953	1150	1	3	*	2R	23	2	2	25	4	-1	76	18	278	2.1	64	247	1	5	78	2.46	28	13	2	6	77	1	1	20	8	21	148	0.02	0.01	0.22	0.06	0.01	0.04	5	10	4833
S9619159	300954	1100	1	2	*	YB	23	1	2	20	4	B	110	18	301	1.3	108	534	1	12	133	4.41	29	77	5	13	158	24	1	22	9	14	339	0.74	0.02	1.3	0.07	0.01	0.08	5	10	4493
S9619160	300955	1050	1	3	*	2Y	24	1	2	15	4	-1	204	17	339	2.4	161	461	1	28	296	5.48	42	229	6	28	237	7	1	44	27	33	690	1.43	0.01	1.83	0.17	0.01	0.14	5	10	7807
S9619161	300956	1000	1	2	*	2B	24	2	2	25	4	B	130	25	409	2.8	150	810	5	28	165	3.91	14	82	2	5	89	27	1	29	9	18	2888	0.56	0.01	0.98	0.12	0.03	0.1	5	10	4597
S9619162	300957	950	1	2	1	1B	23	1	2	20	3	B	71	22	238	1.5	121	220	1	12	85	3.14	10	23	2	23	37	1	1	14	5	13	350	0.18	0.01	0.68	0.08	0.02	0.04	5	10	3459
S9619163	300958	850	1	2	*	1B	23	1	2	25	4	B	92	45	448	1.1	55	205	1	5	102	2.59	31	14	6	8	78	1	1	25	4	14	443	0.01	0.01	0.29	0.08	0.06	0.04	5	10	5421
S9619164	300959	800	1	2	*	2B	23	1	2	15	4	B	160	55	743	4.1	228	566	2	5	162	4.81	33	25	2	11	90	8	1	99	15	13	100	0.08	0.01	0.49	0.49	0.01	0.04	5	10	7114
S9619165	300960	750	1	2	*	YB	24	1	2	20	4	B	132	56	613	4.7	218	795	3	7	138	3.81	21	32	7	13	88	6	1	86	14	15	157	0.12	0.01	0.56	0.45	0.01	0.05	5	10	9694
S9619213	340589	0	1	*	*	-1	-1	*	*	-1	-1	-1	72	38	299	2.5	107	192	1	4	70	2.88	17	19	8	16	55	1	1	23	7	9	148	0.12	0.02	0.65	0.17	0.01	0.05	5	10	3677
S9619214	340590	0	1	*	*	-1	-1	*	*	-1	-1	-1	49	27	197	2.3	87	146	1	5	48	3.33	7	26	2	10	43	9	1	12	4	13	204	0.21	0.01	0.85	0.03	0.01	0.06	5	10	3208
S9619215	340591	0	1	*	*	-1	-1	*	*	-1	-1	-1	80	79	402	7.5	92	515	2	7	75	4.43	19	28	13	11	59	1	1	30	5	11	191	0.17	0.01	0.97	0.05	0.03	0.08	5	10	5102
S9619216	340592	0	1	*	*	-1	-1	*	*	-1	-1	-1	128	500	1115	3.2	75	599	4	23	122	6.01	21	36	2	12	25	20	1	19	9	25	829	0.73	0.01	1.2	0.05	0.01	0.06	5	10	13236
S9619217	340593	0	1	*	*	-1	-1	*	*	-1	-1	-1	113	359	649	2.4	146	503	2	7	93	3.74	23	16	11	18	31	1	1	37	8	15	193	0.15	0.01	0.48	0.18	0.03	0.06	5	10	9477
S9619218	340594	0	1	*	*	-1	-1	*	*	-1	-1	-1	86	158	536	2.3	137	599	2	6	97	2.82	26	12	5	6	40	21	1	24	5	11	134	0.05	0.01	0.48	0.05	0.02	0.06	5	10	9667
S9619219	340595	0	1	*	*	-1	-1	*	*	-1	-1	-1	95	35	415	1.1	34	400	2	32	102	5.22	14	30	7	22	25	1	1	22	5	4	1844	0.55	0.01	1.06	0.08	0.03	0.05	5	10	7847
S9619220	340596	0	1	*	*	-1	-1	*	*	-1	-1	-1	112	42	1105	2	49	432	9	20	153	3.4	7	34	2	14	28	1	1	72	20	7	742	0.66	0.01	0.92	0.75	0.01	0.04	5	10	6725
S9619221	340597	0	1	*	*	-1	-1	*	*	-1	-1	-1	56	35	799	1.2	42	979	6	10	81	2.69	13	26	2	20	26	3	1	101	9	8	268	0.59	0.01	0.96	0.81	0.01	0.02	5	10	6480
S9619222	340598	0	1	*	*	-1	-1	*	*	-1	-1	-1	146	119	703	5.2	194	786	4	17	112	5.75	19	18	8	18	37	22	1	22	10	628	0.09	0.01	0.49	0.12	0.01	0.04	5	10	7041	
S9619223	340599	0	1	*	*	-1	-1	*	*	-1	-1	-1	158	108	265	0.8	10	359	2	20	40	6.52	8	8	2	15	28	1	1	12	4	21	942	0.09	0.01	0.71	0.05	0.03	0.19	5	10	2800
S9619224	340600																																									

S9618296	339343	0	1	*	*	-1	-1	*	*	-1	-1	-1	-1	68	111	224	1	101	32	1	9	35	5.13	8	11	2	8	10	2	1	3	3	7	231	0.11	0.01	0.25	0.01	0.01	0.02	5	10	3653
S9618297	339344	0	1	*	*	-1	-1	*	*	-1	-1	-1	-1	58	159	183	1.1	88	40	1	5	21	5.28	6	15	2	15	12	15	2	5	3	9	213	0.15	0.01	0.3	0.01	0.01	0.02	5	10	3635
S9618298	339345	0	1	*	*	-1	-1	*	*	-1	-1	-1	-1	73	100	226	1	112	42	1	9	41	5.29	10	15	2	5	13	1	6	3	4	9	317	0.16	0.01	0.29	0.01	0.01	0.02	5	10	3697
S9618299	339346	0	1	*	*	-1	-1	*	*	-1	-1	-1	-1	90	105	240	1	180	43	1	13	57	5.53	12	17	2	12	17	10	2	4	6	12	420	0.2	0.01	0.33	0.03	0.01	0.03	5	10	3693
S9619300	339347	0	1	*	*	-1	-1	*	*	-1	-1	-1	-1	80	93	227	1.2	138	36	1	11	50	5.24	5	17	2	29	15	8	6	4	4	8	368	0.21	0.01	0.32	0.03	0.01	0.03	5	10	3592
S9619301	339348	0	1	*	*	-1	-1	*	*	-1	-1	-1	-1	82	88	231	0.9	107	54	1	11	50	5.24	12	16	14	8	15	5	9	4	5	7	355	0.17	0.01	0.3	0.04	0.01	0.03	5	10	3687
S9619302	339349	0	1	*	*	-1	-1	*	*	-1	-1	-1	-1	69	66	184	3.1	99	45	1	6	39	4.49	12	16	10	2	14	7	6	3	6	6	206	0.19	0.01	0.47	0.04	0.01	0.03	5	10	3485
S9619303	339350	0	1	*	*	-1	-1	*	*	-1	-1	-1	-1	83	80	215	2.1	100	63	1	2	35	10.36	14	13	2	20	6	9	9	4	22	13	131	0.15	0.01	2.88	0.05	0.01	0.03	5	10	2553
S9619304	339351	0	1	*	*	-1	-1	*	*	-1	-1	-1	-1	79	66	418	0.2	71	81	2	14	53	4.33	16	15	2	34	15	10	3	7	25	13	483	0.19	0.01	1.47	0.11	0.01	0.02	5	10	3386
S9619305	339352	0	1	*	*	-1	-1	*	*	-1	-1	-1	-1	107	239	491	1.1	132	236	4	60	78	6.64	24	19	6	2	22	5	6	15	51	32	2714	0.24	0.01	1.45	0.14	0.01	0.04	5	10	5199
S9619306	339353	0	1	*	*	-1	-1	*	*	-1	-1	-1	-1	78	75	355	0.6	54	83	1	18	51	3.88	13	16	2	9	18	1	5	7	11	9	823	0.19	0.01	1.44	0.09	0.01	0.03	5	10	3937
S9619307	339354	0	1	*	*	-1	-1	*	*	-1	-1	-1	-1	85	74	377	0.8	69	83	2	26	57	4.23	14	17	2	16	19	1	6	7	14	11	846	0.22	0.01	1.78	0.09	0.01	0.03	5	10	3633
S9619308	339355	0	1	*	*	-1	-1	*	*	-1	-1	-1	-1	80	52	276	0.4	58	59	1	17	43	3.76	17	13	2	32	9	1	2	5	19	10	843	0.16	0.01	7.39	0.08	0.01	0.02	5	10	2344
S9619309	339356	0	1	*	*	-1	-1	*	*	-1	-1	-1	-1	103	78	303	0.6	67	66	2	27	51	4.55	21	14	2	46	9	1	6	5	30	14	1033	0.15	0.01	7.68	0.07	0.01	0.01	5	10	2572
S9619310	339357	0	1	*	*	-1	-1	*	*	-1	-1	-1	-1	91	81	505	0.2	108	95	2	24	73	4.13	13	15	2	28	13	1	2	8	153	85	1159	0.2	0.01	5.23	0.1	0.01	0.03	5	10	2908
S9619311	339358	0	1	*	*	-1	-1	*	*	-1	-1	-1	-1	33	2	78	0.2	22	14	1	6	12	1.09	13	7	2	73	1	6	3	1	18	6	292	0.04	0.01	15.8	0.04	0.01	0.01	5	10	356
S9619312	339359	0	1	*	*	-1	-1	*	*	-1	-1	-1	-1	49	2	121	0.5	28	20	1	18	21	1.31	17	7	2	35	1	1	1	2	29	9	771	0.05	0.01	13.1	0.04	0.01	0.01	5	10	595
S9619313	300218	100	PD-32	2	1	1	1B	32	1	3	15	2	2	185	107	338	3.7	59	53	1	27	58	7.61	10	20	2	20	12	12	9	4	17	11	882	0.31	0.01	2.03	0.04	0.01	0.03	5	3	2778
S9619314	300219	200	PD-32	2	1	1	1B	32	1	3	15	2	2	243	80	290	2.6	45	45	1	70	77	9.68	14	25	2	13	14	13	7	3	14	10	2104	0.31	0.01	1.77	0.02	0.01	0.02	5	4	2642
S9619315	300220	300	PD-32	2	1	1	1B	32	1	3	20	2	3	223	70	287	1.9	72	47	1	53	76	10.48	10	26	2	2	13	14	8	3	11	11	1850	0.31	0.01	1.36	0.02	0.01	0.03	-1	-1	2602
S9619316	300221	400	PD-32	2	1	1	1B	32	1	3	10	3	2	205	2	163	1.1	50	19	1	38	48	2.4	22	8	2	67	1	10	9	1	26	6	1828	0.1	0.01	14.1	0.03	0.01	0.01	5	7	486
S9619317	300222	500	PD-32	2	1	1	1B	32	1	3	10	2	2	424	22	245	1.5	55	34	2	75	67	1.96	22	9	2	34	1	8	1	3	44	11	4202	0.09	0.01	14.3	0.04	0.01	0.02	5	5	947
S9619318	300223	600	PD-32	2	1	1	1G	32	1	3	15	2	2	980	41	812	0.6	1	59	14	310	231	2.85	26	12	16	16	5	1	1	4	76	30	16750	0.17	0.01	8.46	0.05	0.01	0.02	-1	-1	821
S9619319	300224	700	PD-32	2	1	1	1G	32	1	3	15	3	2	853	17	1336	0.6	55	82	20	270	311	1.93	33	9	7	26	1	18	1	4	170	73	16897	0.12	0.01	12	0.09	0.01	0.01	5	7	725
S9619320	300225	800	PD-32	2	1	1	2G	32	1	3	15	3	2	1277	32	2272	0.6	17	160	35	502	585	2.9	37	11	2	2	3	9	1	5	177	89	30780	0.13	0.01	9.58	0.09	0.01	0.02	-1	-1	1321
S9619321	300226	900	PD-32	2	1	1	3G	32	1	3	15	3	2	795	13	1285	0.7	44	81	14	226	271	2.04	31	9	2	25	1	3	1	7	163	60	12787	0.09	0.01	14.3	0.08	0.01	0.02	5	10	636
S9619322	300227	1000	PD-32	2	1	1	3G	32	1	3	10	2	2	870	6	1768	0.4	36	85	15	235	271	1.47	29	8	2	31	1	1	1	6	217	95	12064	0.09	0.01	15.1	0.1	0.01	0.01	5	7	688
S9619323	300228	1100	PD-32	2	1	1	2G	32	2	3	10	2	2	726	14	1391	0.6	46	95	14	192	286	2.55	26	13	7	11	7	2	1	7	153	60	10004	0.21	0.01	12.8	0.14	0.01	0.01	5	8	885
S9619324	300229	1200	PD-32	2	1	1	3G	32	1	3	20	2	2	960	18	2213	0.5	26	154	25	333	452	2.58	27	14	2	19	8	6	1	9	213	94	18553	0.24	0.01	11	0.16	0.01	0.02	5	9	1250
S9619325	300230	1300	PD-32	2	1	1	3G	32	1	3	15	2	2	820	21	2003	0.6	53	158	22	276	377	2.46	31	14	2	23	27	13	7	9	182	82	14455	0.24	0.01	11.4	0.17	0.01	0.02	5	8	987
S9619326	300231	1400	PD-32	2	1	1	2G	32	1	3	25	3	2	1060	10	2084	0.6	23	130	21	279	323	1.43	33	10	2	31	1	28	1	7	245	92	13114	0.14	0.01	15.3	0.16	0.01	0.01	5	10	659
S9619327	300232	1500	PD-32	2	1	1	3G	32	1	3	15	3	2	964	15	2010	0.6	31	141	20	294	348	2.42	28	12	6	18	10	3	1	8	182	80	12940	0.23	0.01	11.7	0.17	0.01	0.02	5	7	724
S9619328	300233	1600	PD-32	2	1	1	3G	32	1	3	20	2	2	788	22	1826	0.8	44	139	23	239	402	2.67	29	14	2	25	10	4	1	10	147	80	12812	0.24	0.01	10.7	0.16	0.01	0.02	5	10	1144
S9619329	300234	1700	PD-32	2	1	1	3G	32	1	3	20	3	2	1025	18	2318	0.5	35	150	26	351	451	2.03	31	12	9	18	4	16	1	8	189	84	17023	0.18	0.01	12.9	0.15	0.01	0.02	5	10	836
S9619330	300235	1800	PD-32	2	1	1	3G	32	1	3	10	3	2	1219	18	2830	3	68	188	36	435	561	2.17	35	12	7	8	1	1	9	232	100	22261	0.17	0.01	11.5	0.16	0.01	0.01	5	5	1078	
S9619331	300236	1900	PD-32	2	1	1	2G	32	1	3	15	3	2	728	23	2031	0.7	10	128	23	225	374	2.32	22	12	2	21	7	6	1	8	140	59	11838	0.19	0.01	11.1	0.17	0.01	0.02	5	10	1384
S9619332	300237	2000	PD-32	2	1	1	3G	32	1	3	20	2	2	848	18	2617	0.5	53	169	28	243	458	2.79	31	16	17	13	15	5	1	15	197	89	12119	0.25	0.01	9.47	0.42	0.01	0.02	5	10	1544
S9619333	300238	2000	PD-32	2	1	1	3G	32	1	3	25	3	2	1134	16	3442	0.9	37	201	29	297	464	2.03	29	13	2	34	14	5	1	17	288	112	13857	0.19								

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S9619363	300288	2100	PD-33	2	1	1	2B 32	1	3	20	2	2	220	59	3482	1.9	291	949	47	35	383	3.88	15	33	5	13	52	13	1	49	47	26	987	0.4	0.01	0.7	0.6	0.02	0.04	5	10	8172
S9619364	300289	2200	PD-33	2	1	1	2B 32	1	3	20	2	2	269	49	4058	1.3	290	836	50	57	354	3.82	18	33	2	31	48	1	1	41	83	40	1873	0.39	0.01	0.78	0.49	0.02	0.04	5	10	7831
S9619365	300290	2300	PD-33	2	1	1	2B 32	1	3	15	3	2	343	56	5325	1.3	288	1148	64	66	443	3.98	23	34	8	20	55	1	1	47	113	52	2338	0.42	0.01	0.85	0.55	0.03	0.05	5	9	8208
S9619366	300291	2400	PD-33	2	1	1	2B 32	1	3	20	2	2	223	53	3589	1.5	217	995	42	40	306	3.94	22	33	10	10	50	1	1	40	62	32	1356	0.41	0.01	0.74	0.47	0.01	0.04	5	5	9193
S9619367	300292	2500	PD-33	2	1	1	2B 32	1	3	20	2	2	188	32	2363	1.3	198	848	31	31	223	2.96	13	29	2	18	45	5	1	34	45	23	1098	0.33	0.01	0.59	0.44	0.01	0.04	5	4	9822
S9619368	300293	2600	PD-33	2	1	1	2B 32	1	3	35	2	2	124	42	1049	1.9	187	854	11	21	137	4.15	16	32	2	22	47	6	1	37	18	14	533	0.37	0.01	0.53	0.41	0.01	0.03	5	10	12085
S9619369	300294	2700	PD-33	2	1	1	2B 32	1	3	15	3	2	128	47	946	2.2	191	968	10	18	130	3.61	17	32	11	2	48	8	1	34	18	14	469	0.38	0.01	0.54	0.4	0.01	0.03	5	8	10859
S9619370	300295	2800	PD-33	2	1	1	2B 32	1	3	20	2	2	136	48	1387	1.2	190	1167	18	23	167	3.76	13	31	5	2	49	1	1	41	24	17	843	0.39	0.01	0.58	0.44	0.01	0.04	70	8	9805
S9619371	300296	2900	PD-33	2	1	1	2B 32	1	3	20	2	2	130	42	1444	1.4	184	1154	18	21	159	3.69	17	35	2	2	51	1	1	40	23	22	598	0.44	0.01	0.65	0.42	0.01	0.04	5	9	8681
S9619372	300297	3000	PD-33	2	1	1	2B 43	1	3	15	2	2	135	54	1924	1.9	187	1614	24	22	222	3.84	13	38	6	19	59	5	1	46	24	27	869	0.51	0.01	0.83	0.54	0.01	0.05	5	10	9108
S9619373	300298	3100	PD-33	2	1	1	2B 32	1	3	20	2	2	122	54	1707	1.5	176	1301	22	24	178	3.59	18	35	8	17	52	11	1	40	25	22	798	0.45	0.01	0.88	0.44	0.01	0.05	5	8	8813
S9619374	300299	3200	PD-33	2	1	1	1B 32	1	3	30	3	3	123	44	1674	1.7	171	1222	21	21	183	3.58	10	35	5	10	51	5	1	43	23	21	620	0.47	0.01	0.67	0.47	0.01	0.05	30	10	9034
S9619375	300300	3300	PD-33	2	1	1	2B 32	1	3	30	2	3	142	59	2389	1.8	167	1326	36	29	238	3.68	12	35	10	2	53	4	1	46	26	23	871	0.49	0.01	0.72	0.54	0.01	0.05	5	10	8424
S9619377	300302	3500	PD-33	2	1	1	2G 32	1	3	35	2	2	115	40	1908	1.4	153	961	22	20	177	3.57	12	34	2	6	46	6	1	38	23	19	519	0.43	0.01	0.62	0.43	0.01	0.04	5	8	8634
S9619378	300303	3600	PD-33	2	1	1	2B 32	1	3	30	2	3	118	41	1582	1.2	138	996	21	19	173	3.26	13	29	2	26	45	10	1	34	21	18	808	0.41	0.01	0.59	0.42	0.01	0.04	5	4	7735
S9619379	300304	3700	PD-33	2	1	1	2B 32	1	3	30	2	3	125	48	1598	1.4	174	1081	19	20	180	3.65	18	33	2	11	49	10	1	42	21	19	618	0.43	0.01	0.64	0.48	0.01	0.05	168	9	9119
S9619380	339501	-700		1	3	1	1B 21	1	1	20	4	-1	182	54	978	6.1	280	955	10	23	179	4.73	34	30	2	2	104	2	1	70	21	17	1427	0.18	0.01	0.6	0.26	0.02	0.09	5	10	12578
S9619381	339502	-700	-50	1	3	1	1B 23	1	1	20	4	-1	89	43	413	2.9	153	489	2	6	81	2.35	22	15	13	10	68	4	1	20	6	12	743	0.03	0.01	0.5	0.08	0.03	0.03	5	10	4934
S9619382	339503	-700	-100	1	3	1	2B 34	1	1	25	4	-1	35	14	139	0.2	42	351	1	2	34	1.14	12	8	8	2	36	1	1	8	2	8	253	0.01	0.01	0.24	0.02	0.03	0.02	5	10	2810
S9619383	339504	-700	-150	1	3	1	1B 34	1	1	25	4	-1	49	18	174	1.5	49	320	1	3	55	1.93	8	21	8	2	40	4	1	22	7	14	126	0.06	0.01	0.42	0.01	0.03	0.08	5	10	4207
S9619384	339505	-700	-200	1	3	1	2B 23	1	1	25	4	-1	52	18	190	2	51	293	1	3	41	1.61	15	11	5	2	50	1	1	22	6	14	178	0.02	0.01	0.26	0.06	0.02	0.04	5	10	4864
S9619385	339507	-700	-300	1	5	1	BR 45	1	1	25	3	-1	109	25	525	1.2	121	175	2	12	119	4.14	4	25	2	13	15	1	1	28	10	33	177	0.37	0.01	0.72	0.08	0.01	0.04	5	10	9211
S9619386	339508	-700	-350	1	5	1	2B 45	1	1	20	4	-1	102	23	361	1.5	93	538	2	10	75	4.27	14	31	15	2	41	1	1	85	9	28	299	0.88	0.01	1.09	0.04	0.01	0.12	5	10	10686
S9619387	339509	-700	-400	1	5	1	1B 45	1	1	25	3	-1	81	21	402	1.4	60	515	2	7	77	4.33	13	33	5	2	39	1	2	76	8	31	211	0.57	0.01	0.78	0.08	0.01	0.15	5	10	7404
S9619388	339510	-700	-450	1	5	1	1B 23	1	1	20	3	-1	74	65	329	2.5	110	608	1	4	70	3.17	24	19	2	19	110	3	1	57	9	20	533	0.15	0.01	0.5	0.05	0.01	0.09	5	10	8248
S9619389	339511	-700	-500	1	5	1	1B 23	2	1	20	3	-1	182	99	847	4	282	508	3	7	136	5.35	38	30	8	15	129	3	1	63	15	29	139	0.17	0.01	0.77	0.02	0.01	0.12	5	10	10931
S9619390	339512	-700	50	1	2	1	2B 23	2	1	20	4	-1	112	25	547	1.4	189	554	3	8	143	3.14	27	27	5	8	115	13	1	17	10	14	358	0.05	0.01	0.34	0.1	0.03	0.05	5	8	5783
S9619391	339513	-700	100	1	5	1	2B 23	2	1	25	2	-1	92	28	585	2.1	143	338	2	8	129	3.4	26	35	2	2	92	12	1	15	15	14	252	0.15	0.01	0.63	0.11	0.03	0.03	5	10	4948
S9619392	339514	-700	150	1	5	1	3B 23	1	1	20	3	-1	188	58	647	5	168	320	3	5	148	2.84	25	23	2	12	88	4	1	44	21	12	131	0.02	0.01	0.43	0.39	0.02	0.03	5	10	6993
S9619393	339515	-700	200	1	5	1	3B 12	2	1	25	4	-1	267	24	595	3.1	122	530	6	7	188	3.6	38	32	6	5	130	1	1	26	31	22	229	0.07	0.01	0.56	0.11	0.02	0.05	5	10	9426
S9619394	339516	-700	250	1	5	1	3B 23	1	1	20	4	-1	176	28	684	2.2	162	427	4	10	162	4.29	32	33	2	2	101	4	1	37	38	32	259	0.14	0.01	0.59	0.23	0.01	0.11	5	10	9931
S9619395	339517	-700	300	1	5	1	3B 12	1	1	25	4	-1	82	27	456	1	92	191	1	6	115	2.47	24	22	2	11	82	4	1	19	4	9	114	0.01	0.01	0.18	0.03	0.02	0.02	5	7	5460
S9619396	339518	-700	350	1	3	1	BR 12	1	1	20	3	-1	653	33	1448	5.2	431	800	6	29	494	8.89	34	38	2	22	329	41	1	137	48	77	1457	0.02	0.01	0.4	1.11	0.01	0.02	5	10	14081
S9619397	339519	-700	400	1	3	1	1B 23	2	1	25	3	-1	61	12	244	1.4	68	240	1	4	51	2.75	7	21	9	14	44	7	1	28	8	7	301	0.17	0.01	0.71	0.21	0.01	0.03	5	10	3445
S9619398	339520	-700	450	1	5	1	1B 34	1	1	25	4	-1	148	44	702	1.5	125	403	2	9	152	3.69	26	15	8	8	56	1	1	53	9	9	278	0.04	0.01	0.37	0.19	0.01	0.01	5	10	10717
S9619399	339521	-700	500	1	5	1	1B 34	1	1	25	4	-1	188	52	1003	2.9	161	514	6	17	178	4.58	31	19	2	14	75	1	1	66	17	10	574	0.06	0.01	0.42	0.37	0.01	0.02	5	10	10207
S9619400	339522	-700	550	1	5	1	2B 32	1	1	25	3	-1	95	71	398	2.5	99	401	1	5	80	2.96	18	12	18	11	44	4	1	31	4	5	156	0.01	0.01	0.24	0.04	0.02	0.02	5	10	8721
S9619401	339523	-700	600	1	3	1	3B 12	1	1																																	

S9620423 338812	RH-27	300	1	2	1	2B 32	2	2	20	3	B	17	48	73	0.2	42	267	1	5	5	1.38	5	5	2	2	10	6	1	26	7	27	488	0.06	0.01	0.84	0.33	0.01	0.09	-1	-1	-1	
S9620424 338813	RH-27	400	1	2	1	1B 4	2	2	15	3	B	8	8	23	0.6	3	192	1	1	1	0.4	1	2	2	5	5	7	1	23	1	7	51	0.02	0.01	0.4	0.28	0.01	0.09	-1	-1	-1	
S9620425 338814	RH-27	500	1	2	1	2B 4	2	2	20	3	B	72	102	182	0.2	33	239	1	6	15	1.86	6	24	7	2	13	3	1	75	67	157	596	0.64	0.01	1.12	0.75	0.01	0.17	-1	-1	-1	
S9620426 338815	RH-27	600	1	2	1	8Y 4	2	2	15	3	B	8	13	42	0.4	11	82	1	3	2	0.81	1	4	8	2	8	3	1	7	1	5	355	0.05	0.01	0.36	0.08	0.01	0.17	-1	-1	-1	
S9620427 338816	RH-27	700	2	1	1	BN 34	2	3	3	10	B	2	451	137	542	0.9	37	79	11	125	56	1.85	90	8	2	2	5	1	1	33	696	1295	6097	0.12	0.01	2.87	0.3	0.01	0.18	-1	-1	-1
S9620428 338817	RH-27	700	1	2	1	2B 43	2	3	15	3	B	59	118	144	0.2	15	98	1	4	6	1.9	6	7	2	2	5	1	1	47	44	84	357	0.14	0.01	0.59	0.51	0.01	0.23	-1	-1	-1	
S9620429 338818	RH-28	180	1	2	1	YB 4	2	2	20	3	B	20	70	55	0.4	13	182	1	3	3	0.68	3	5	2	2	4	1	1	12	9	29	156	0.09	0.01	0.52	0.11	0.01	0.15	-1	-1	-1	
S9620430 338819	RH-27	800	1	2	1	1B 4	2	2	25	3	B	16	31	24	0.4	4	84	1	1	2	0.54	2	4	2	5	3	1	1	63	15	31	174	0.08	0.01	0.58	0.68	0.01	0.07	-1	-1	-1	
S9620431 338820	RH-27	1000	1	2	1	1B 4	2	2	15	3	B	2	5	5	0.2	2	24	1	1	1	0.17	1	2	6	2	3	1	1	1	1	6	11	0.01	0.01	0.72	0.01	0.01	0.03	-1	-1	-1	
S9620432 338821	RH-27	1100	1	2	1	2B 4	2	2	15	4	B	19	38	25	0.2	6	210	1	1	3	1.12	6	8	12	5	12	1	1	22	19	47	241	0.09	0.01	0.89	0.37	0.03	0.07	-1	-1	-1	
S9620433 338822	RH-27	1200	1	2	1	2B 4	3	2	10	3	B	43	29	105	0.2	22	98	1	24	24	2.9	7	9	6	2	25	1	1	28	9	12	2134	0.09	0.01	0.48	0.31	0.04	0.08	-1	-1	-1	
S9620434 338823	RH-27	1300	1	2	1	2B 4	2	2	15	3	B	9	29	33	0.2	19	69	1	3	3	1.5	1	6	2	2	10	1	1	13	4	6	239	0.24	0.01	0.8	0.16	0.03	0.25	-1	-1	-1	
S9620435 338824	RH-27	1400	1	2	1	3B 45	2	2	20	3	B	17	24	27	0.2	33	153	1	5	8	1.44	6	8	5	2	10	4	1	19	30	100	712	0.25	0.01	1.02	0.17	0.03	0.12	-1	-1	-1	
S9620436 338825	RH-27	1500	1	2	1	1B 45	2	2	20	3	B	9	10	16	0.2	3	83	1	1	4	0.72	3	6	8	2	10	1	1	4	2	6	90	0.17	0.01	0.84	0.01	0.01	0.11	-1	-1	-1	
S9620437 338826	RH-28	2	2	1	1	2B 32	1	3	10	32	2	1236	39	1524	0.2	23	138	17	127	151	2.47	24	18	9	2	10	1	1	24	283	307	8705	0.41	0.01	1.98	0.26	0.01	0.16	-1	-1	-1	
S9620438 338827	RH-28	100	2	1	1	3R 34	1	3	5	12	2	1840	42	2128	0.2	25	182	26	180	209	2.81	34	14	2	2	8	1	1	31	491	461	9880	0.4	0.01	3.68	0.37	0.03	0.17	-1	-1	-1	
S9620439 338828	RH-28	180	2	1	1	BY 32	1	3	15	3	3	1495	34	1091	0.2	20	101	11	110	94	2.49	27	13	6	2	8	1	1	72	13	28	234	0.08	0.01	0.26	0.45	0.01	0.09	-1	-1	-1	
S9620440 338829	RH-28	200	2	1	1	BY 32	1	3	15	3	2	1877	44	1364	0.2	31	138	18	154	138	2.52	34	11	7	2	7	6	1	20	442	354	5131	0.39	0.01	3.22	0.24	0.01	0.14	-1	-1	-1	
S9620441 338830	RH-28	300	2	1	1	BG 32	1	3	15	2	2	1850	57	1299	0.6	18	150	20	155	152	2.62	35	9	2	2	6	1	1	21	462	401	8539	0.33	0.01	3.24	0.25	0.02	0.14	-1	-1	-1	
S9620442 338831	RH-28	400	2	1	1	BG 31	1	3	10	3	2	2429	58	1371	0.6	23	127	23	208	170	2.27	43	8	2	2	5	1	1	19	358	350	9249	0.2	0.01	2.49	0.22	0.01	0.11	-1	-1	-1	
S9620443 338832	RH-28	500	2	1	1	BG 31	1	3	10	3	2	2189	53	957	0.7	27	118	15	143	108	2.78	39	9	5	2	5	2	1	16	422	386	11582	0.19	0.01	2.79	0.17	0.01	0.09	-1	-1	-1	
S9620444 338833	RH-28	600	2	1	1	BG 31	1	3	10	3	2	2779	61	933	0.9	16	132	21	189	127	2.19	48	8	2	2	4	1	1	11	312	282	8310	0.19	0.01	4.48	0.16	0.01	0.11	-1	-1	-1	
S9620445 338834	RH-28	700	2	1	1	BG 31	1	3	10	3	2	2319	52	585	1	9	100	12	127	66	1.5	46	8	2	2	1	3	1	9	362	152	8686	0.11	0.01	10.3	0.1	0.03	0.09	-1	-1	-1	
S9620446 338835	RH-28	800	2	1	1	BR 32	2	3	5	1	2	3019	101	726	1.3	29	86	13	186	86	2.32	59	9	2	2	1	1	1	30	31	62	2074	0.19	0.01	0.72	0.35	0.02	0.15	-1	-1	-1	
S9620447 338836	RH-28	835	2	1	1	BR 32	2	3	5	1	2	3039	75	552	1.5	7	56	12	179	84	2.08	68	10	20	2	1	1	1	9	208	87	14583	0.15	0.01	8.81	0.09	0.02	0.09	-1	-1	-1	
S9620448 338837	RH-28	900	2	1	1	BN 31	1	3	10	2	-1	34	34	85	0.2	11	104	1	9	12	2.11	5	21	2	2	16	9	1	87	18	39	830	0.77	0.02	1.13	0.68	0.01	0.37	-1	-1	-1	
S9620449 338838	RH-28	1000	2	1	1	BN 31	1	3	10	2	-1	34	39	87	0.2	1	100	1	10	13	2.08	5	21	2	2	15	1	1	68	18	39	951	0.78	0.03	1.13	0.65	0.01	0.34	-1	-1	-1	
S9620616 322975	-1	-1	1	1	1	-1	-1	-1	-1	-1	-1	35	42	93	0.6	14	88	1	9	10	1.96	4	19	2	2	12	1	1	87	21	43	488	0.84	0.02	1.05	0.63	0.01	0.28	-1	-1	-1	
S9620617 322976	-1	-1	1	1	1	-1	-1	-1	-1	-1	-1	35	42	93	0.6	14	88	1	9	10	1.96	4	19	2	2	12	1	1	87	21	43	488	0.84	0.02	1.05	0.63	0.01	0.28	-1	-1	-1	
S9620618 322977	-1	-1	1	1	1	-1	-1	-1	-1	-1	-1	32	42	74	0.2	12	79	1	11	11	2.03	2	15	7	2	15	7	1	53	14	35	804	0.58	0.02	0.87	0.5	0.01	0.28	-1	-1	-1	
S9620619 322978	-1	-1	1	1	1	-1	-1	-1	-1	-1	-1	31	39	84	0.2	10	89	1	10	10	2.24	5	18	2	2	15	2	1	40	11	27	827	0.65	0.03	1.08	0.39	0.01	0.25	-1	-1	-1	
S9620620 322979	-1	-1	1	1	1	-1	-1	-1	-1	-1	-1	34	48	104	0.2	20	104	1	12	12	2.5	4	7	25	8	2	1	1	66	20	43	880	0.71	0.03	1.02	0.57	0.01	0.29	-1	-1	-1	
S9620621 322980	-1	-1	1	1	1	-1	-1	-1	-1	-1	-1	37	41	115	0.7	29	119	1	13	12	2.96	7	20	2	2	16	1	1	67	23	47	1183	0.98	0.04	1.31	0.57	0.01	0.43	-1	-1	-1	
S9620622 322981	-1	-1	1	1	1	-1	-1	-1	-1	-1	-1	30	41	105	0.2	30	121	1	14	10	2.87	9	18	2	2	18	1	1	74	18	41	1491	0.82	0.04	1.21	0.58	0.01	0.36	-1	-1	-1	
S9620623 322982	-1	-1	1	1	1	-1	-1	-1	-1	-1	-1	27	42	98	0.2	39	115	1	15	10	2.64	6	15	2	2	16	1	1	59	15	34	1545	0.8	0.04	1.1	0.45	0.01	0.34	-1	-1	-1	
S9620624 322983	-1	-1	1	1	1	-1	-1	-1	-1	-1	-1	34	46	108	0.2	22	124	1	14	10	3.23	6	17	9	5	21	1	1	79	20	45	1383	0.97	0.04	1.26	0.6	0.01	0.37	-1	-1	-1	
S9620625 322984	-1	-1	1	1	1	-1	-1	-1	-1	-1	-1	27	37	86	0.4	11	79	1	12	9	2.42	7	13	2	2	17	1	1	54	12	30	728	0.89	0.05	1.02	0.4	0.01	0.37	-1	-1	-1	
S9620626 322985	-1	-1	1	1	1	-1	-1	-1	-1	-1	-1	40	46	112	0.2	16	106	1	13	11	2.86	7	16	2	2	20	1	1	74	19	42	771	1.01	0.05	1.26	0.54	0.01	0.42	-1	-1	-1	
S9620627 322986	-1	-1	1	1	1	-1	-1	-1	-1	-1	-1	30	40	102	0.2	1	91	1	14	11	3.04	7	15	5	2	19	2	1	57	14	32	966	0.85	0.05	1.12	0.42	0.01	0.37	-1	-1	-1	
S9620628 322987	-1	-1	1	1	1	-1	-1	-1																																		

EXPO

S9621613 300329	2300	PD-34	2	1	1	1B 32	1	3	20	2	-1	96	35	392	0.9	102	302	4	21	106	3.76	7	31	5	2	28	1	1	32	13	13	849	0.49	0.01	0.7	0.47	0.02	0.04	-1	-1	-1
S9621614 300330	2400	PD-34	2	1	1	1B 32	1	3	25	2	-1	90	38	368	0.9	99	182	3	21	90	4.19	4	29	2	7	27	1	1	22	10	10	713	0.45	0.01	0.64	0.3	0.01	0.04	-1	-1	-1
S9621615 300331	2500	PD-34	2	1	1	1B 32	1	3	30	2	-1	82	28	390	0.8	102	195	4	20	95	3.69	5	30	2	13	25	1	1	23	11	11	678	0.49	0.01	0.67	0.32	0.01	0.03	-1	-1	-1
S9621616 300332	2600	PD-34	2	1	1	2B 32	1	3	25	2	-1	1207	39	1174	1.1	315	281	29	503	353	2.59	22	19	2	26	4	2	1	10	74	30	32244	0.08	0.01	8.59	0.14	0.02	0.01	-1	-1	-1
S9621617 300333	2700	PD-34	2	1	1	3B 32	1	3	20	2	-1	919	18	1296	1.6	210	207	35	298	427	1.63	15	14	2	2	2	6	1	10	93	39	17570	0.08	0.01	8.11	0.16	0.02	0.01	-1	-1	-1
S9621618 300334	2800	PD-34	2	1	1	3B 32	1	3	15	2	-1	1201	38	2638	1.1	282	423	63	529	864	2.49	20	19	2	32	7	1	1	18	92	43	30067	0.18	0.01	7.68	0.29	0.02	0.01	-1	-1	-1
S9621619 300335	2900	PD-34	2	1	1	3B 32	1	3	15	2	-1	1047	26	3025	1.1	181	371	59	402	799	1.98	17	15	12	13	4	4	1	23	116	54	22274	0.19	0.01	7.95	0.37	0.02	0.01	-1	-1	-1
S9621620 300337	3000	PD-34	2	1	1	3B 32	1	3	20	2	-1	818	29	3317	1.2	201	417	61	369	844	2.35	19	16	5	23	8	1	1	28	80	46	20477	0.23	0.01	6.36	0.43	0.02	0.01	-1	-1	-1
S9621621 300338	3100	PD-34	2	1	1	3B 32	1	3	20	2	-1	895	22	2957	1.4	193	434	57	332	787	2.09	16	15	2	21	8	1	1	29	96	45	18522	0.19	0.01	7.16	0.46	0.02	0.02	-1	-1	-1
S9621622 300339	3200	PD-34	2	1	1	3G 32	1	3	30	2	-1	887	28	3570	1.5	203	471	63	361	882	2.07	13	15	2	19	6	5	1	36	99	46	19525	0.23	0.01	6.74	0.58	0.02	0.01	-1	-1	-1
S9621623 300340	3300	PD-34	2	1	1	3G 32	1	3	30	2	-1	715	30	2779	1.4	204	402	50	301	746	2.76	16	18	2	20	11	1	1	28	72	35	15792	0.25	0.01	5.3	0.44	0.02	0.02	-1	-1	-1
S9621624 300341	3400	PD-34	2	1	1	3G 32	1	3	25	2	-1	982	26	3986	1.3	187	470	70	391	930	2.14	16	17	7	37	7	3	1	35	108	54	22103	0.25	0.01	7.54	0.55	0.02	0.02	-1	-1	-1
S9621625 300342	3500	PD-34	2	1	1	3G 32	1	3	25	2	-1	715	27	3122	1.4	182	440	57	314	805	2.65	15	19	2	18	12	1	1	32	71	36	17943	0.32	0.01	5.51	0.51	0.03	0.03	-1	-1	-1
S9621626 300343	3600	PD-34	2	1	1	3G 32	1	3	30	2	-1	781	23	3167	1.2	177	417	55	285	711	2.32	13	19	9	35	9	1	1	38	94	44	16659	0.34	0.01	7.13	0.61	0.02	0.02	-1	-1	-1
S9621627 300344	3700	PD-34	2	1	1	2G 32	1	3	40	2	-1	179	29	811	0.7	99	217	11	77	198	3.82	6	34	9	28	1	1	1	23	19	18	3555	0.58	0.02	1.54	0.32	0.01	0.03	-1	-1	-1
S9621628 300345	0	PD-35	2	1	1	2G 32	1	3	20	1	-1	100	7	96	0.2	9	184	1	12	50	2.6	4	55	6	40	1	1	1	35	36	38	1011	0.79	0.03	1.72	1.5	0.03	0.06	-1	-1	-1
S9621643 300360	1500	50	1	2	*	2B 42	1	1	10	3	B	70	18	158	0.8	40	246	1	3	42	1.58	9	10	8	2	34	5	1	18	3	10	106	0.03	0.01	0.36	0.12	0.02	0.04	-1	-1	-1
S9621644 300361	1500	100	1	2	*	2B 24	1	1	10	3	B	37	21	164	0.7	48	162	1	3	41	1.88	8	12	13	2	42	1	1	15	5	11	149	0.09	0.01	0.41	0.04	0.01	0.04	-1	-1	-1
S9621645 300362	1500	150	1	2	*	2B 24	1	1	15	3	B	178	271	1078	1.6	277	303	6	5	180	4.53	39	85	33	30	537	1	1	43	39	42	383	1.08	0.01	1.23	0.6	0.02	0.03	-1	-1	-1
S9621646 300363	1500	200	1	2	*	2B 24	1	1	20	3	B	74	27	323	2.3	125	450	4	3	89	1.82	28	13	11	5	113	1	1	13	9	28	358	0.07	0.01	0.52	0.07	0.01	0.05	-1	-1	-1
S9621647 300364	1500	250	1	2	*	2B 24	1	1	10	3	B	63	58	209	1.2	85	212	1	5	51	4.45	9	19	2	9	48	4	1	18	5	19	188	0.18	0.01	1.05	0.01	0.01	0.03	-1	-1	-1
S9621648 300365	1500	300	1	2	*	2B 24	1	1	15	3	B	22	10	79	1	18	93	1	4	38	3.3	4	37	2	8	38	1	1	8	3	16	185	0.56	0.01	1.23	0.13	0.01	0.03	-1	-1	-1
S9621649 300366	1500	350	1	2	*	2B 24	1	1	15	3	B	81	39	442	2	129	2153	6	8	75	5.41	26	37	2	18	130	1	1	68	4	14	228	0.87	0.01	1.31	0.33	0.01	0.12	-1	-1	-1
S9621650 300367	1500	400	1	2	*	2B 24	1	1	15	3	B	154	31	743	1.7	194	329	3	30	222	6.57	35	101	11	21	145	1	1	24	18	25	488	1.17	0.01	1.9	0.09	0.02	0.08	-1	-1	-1
S9621651 300368	1500	450	1	2	*	2B 24	1	1	10	3	B	40	13	187	0.2	38	182	1	4	52	2.46	14	6	2	6	30	1	1	10	2	14	79	0.02	0.01	0.32	0.01	0.01	0.02	-1	-1	-1
S9621652 300369	1500	500	1	2	*	2B 24	1	1	10	3	B	38	23	153	1.1	49	280	3	6	42	3.25	5	24	6	2	55	1	1	6	3	10	169	0.2	0.01	0.81	0.03	0.02	0.04	-1	-1	-1
S9621653 300370	1300	500	1	2	*	2B 24	1	1	10	2	B	148	24	191	5	195	277	6	8	39	2.21	21	19	6	20	63	7	1	12	7	15	385	0.1	0.01	0.59	0.03	0.02	0.02	-1	-1	-1
S9621654 300371	1300	450	1	2	*	2B 24	1	1	25	2	B	24	16	102	1.1	54	253	1	3	26	1.66	3	6	10	5	45	1	1	8	2	12	42	0.01	0.01	0.47	0.01	0.01	0.01	-1	-1	-1
S9621655 300372	1300	400	1	2	*	2B 24	1	1	15	3	B	59	53	353	1.1	80	221	2	4	73	2.78	16	11	2	10	68	1	1	17	4	14	82	0.03	0.01	0.52	0.07	0.01	0.03	-1	-1	-1
S9621656 300373	1300	350	1	2	*	2B 24	1	1	15	3	B	178	72	464	11.7	1040	199	9	3	77	5.08	36	31	34	32	144	1	1	28	12	10	110	0.12	0.01	0.8	0.33	0.01	0.03	-1	-1	-1
S9621657 300374	1300	300	1	2	*	2B 42	1	1	10	3	B	80	17	268	1	86	384	6	14	58	2.61	11	21	7	2	48	1	1	22	4	10	348	0.01	0.01	0.17	0.14	0.02	0.04	-1	-1	-1
S9621658 300375	1300	250	1	2	*	2B 42	1	1	15	3	B	74	15	304	4.6	149	258	2	5	70	2.88	12	26	2	15	42	4	1	24	7	10	1410	0.15	0.01	0.58	0.08	0.01	0.06	-1	-1	-1
S9621659 300376	1300	200	1	2	*	2B 24	1	1	10	3	B	62	14	325	3.4	157	182	2	7	79	3.08	18	25	6	15	59	1	1	30	10	13	142	0.22	0.01	0.91	0.12	0.01	0.05	-1	-1	-1
S9621660 300377	1300	150	1	2	*	2B 24	1	1	10	3	B	54	28	168	2	74	128	1	5	37	4.03	6	12	2	2	49	3	1	31	8	11	2954	0.02	0.01	0.35	0.17	0.02	0.03	-1	-1	-1
S9621661 300378	1300	100	1	2	*	2B 24	1	1	10	3	B	80	102	338	1.4	170	508	1	15	68	4.77	9	20	13	12	33	5	1	4	2	19	162	0.13	0.01	0.56	0.03	0.02	0.04	-1	-1	-1
S9621662 300379	1300	50	1	2	*	2B 24	1	1	15	3	B	64	38	180	0.6	70	335	1	6	37	4.78	5	23	2	8	35	1	1	10	3	11	489	0.17	0.01	0.58	0.03	0.01	0.02	-1	-1	-1
S9621663 300380	1100	500	1	2	*	2B 24	1	1	10	3	B	24	37	107	0.7	13	279	1	3	22	1.96	4	14	5	2	25	1	1	6	3	17	207	0.4	0.01	1.2	0.04	0.03	0.05	-1	-1	-1
S9621664 300381	1100	450	1	2	*	2B 24	1	1	10	3	B	135	129	271	5.6	134	230	3	2	54	1.54	8	8	6	23	24	1	1	8	9	7	222	0.01	0.01	0.33	0.02	0.02	0.01	-1	-1	-1
S9621665 300382	1100	400	1	2	*	2B 24	1	1	10	3	B	82	22	180	4.2	76	841	1	2	50																					

S9621844 341588	400	PD-40	1	2	*	RB 24	1	1	15	3	B	49	16	48	0.9	27	207	1	4	32	3.82	8	46	9	2	55	1	1	20	2	12	99	0.23	0.06	0.99	0.05	0.03	0.05	-1	-1	-1
S9621845 341589	450	PD-40	1	2	*	1B 24	1	1	20	3	B	32	4	14	0.2	5	412	1	1	11	3.14	15	30	2	8	28	1	1	49	2	23	29	0.1	0.01	0.45	0.02	0.02	0.12	-1	-1	-1
S9621846 341600	500	PD-40	1	2	*	RB 24	1	1	15	3	B	27	13	48	0.5	21	223	1	5	26	3.36	2	40	15	10	54	1	1	14	1	5	126	0.24	0.06	0.82	0.04	0.01	0.06	-1	-1	-1
S9621847 341601	550	PD-40	1	2	*	YB 24	1	1	20	3	B	66	10	57	0.9	8	265	1	5	35	4.48	5	41	12	10	53	2	1	26	2	7	102	0.27	0.08	0.83	0.09	0.03	0.1	-1	-1	-1
S9621848 341602	600	PD-40	1	2	*	2B 42	1	1	25	3	B	65	7	84	0.2	15	172	1	24	58	3.31	4	59	13	16	43	1	1	15	6	9	556	0.4	0.04	1.25	0.21	0.03	0.06	-1	-1	-1
S9621849 341603	650	PD-40	1	2	*	2B 24	1	1	15	3	B	42	13	75	0.5	10	287	1	8	38	7.93	8	98	17	9	70	1	1	29	2	12	162	0.8	0.11	1.47	0.07	0.04	0.11	-1	-1	-1
S9621850 341604	700	PD-40	1	2	*	2B 24	1	1	20	3	B	146	15	66	0.4	10	753	1	22	56	3.97	16	18	2	2	22	1	1	115	19	53	144	0.15	0.01	0.52	0.37	0.03	0.23	-1	-1	-1
S9621851 341605	750	PD-40	1	2	*	2B 42	1	2	15	3	B	41	14	46	1	6	185	1	6	23	2.48	6	22	2	7	36	1	1	14	2	8	103	0.13	0.02	0.74	0.02	0.03	0.04	-1	-1	-1
S9621852 341606	800	PD-40	1	2	*	2B 24	1	1	15	3	B	38	18	40	0.2	8	154	1	2	15	1.77	5	16	8	5	29	1	1	13	1	8	57	0.09	0.03	0.5	0.04	0.03	0.04	-1	-1	-1
S9621853 341607	850	PD-40	1	2	*	2B 24	1	1	15	3	B	72	17	66	0.2	13	137	1	6	46	3.27	8	22	5	7	45	2	1	9	1	5	30	0.02	0.05	0.56	0.05	0.03	0.03	-1	-1	-1
S9621854 341608	900	PD-40	1	2	*	2B 24	1	1	15	3	B	28	22	59	0.7	1	331	1	3	18	1.91	6	19	9	6	36	1	1	11	3	10	101	0.19	0.01	0.77	0.04	0.01	0.07	-1	-1	-1
S9621855 341609	950	PD-40	1	2	*	2B 24	1	1	15	3	B	36	32	117	1.1	9	221	1	9	33	3.04	3	46	10	6	46	1	1	10	2	6	65	0.13	0.02	0.55	0.03	0.02	0.07	-1	-1	-1
S9621856 341610	1000	PD-40	1	2	*	2B 24	1	1	15	3	B	52	14	135	0.2	38	93	1	3	38	2.57	15	18	11	5	37	1	1	10	5	9	69	0.17	0.02	0.41	0.05	0.01	0.03	-1	-1	-1
S9621857 341611	0	PD-40	1	2	*	1B 24	1	1	15	3	B	44	25	92	0.7	22	190	1	6	23	2.89	4	26	9	2	41	4	1	13	3	8	157	0.33	0.01	0.82	0.13	0.01	0.05	-1	-1	-1
S9621858 341612	50	PD-40	1	2	*	1B 24	1	1	20	3	B	52	44	106	0.6	34	187	1	7	37	3.17	6	43	11	11	39	9	1	14	2	6	161	0.39	0.08	0.72	0.07	0.02	0.05	-1	-1	-1
S9621859 341613	100	PD-40	1	2	*	1B 24	1	1	25	3	B	76	43	109	0.2	18	132	1	8	45	3.41	8	43	2	9	36	2	1	10	3	7	154	0.37	0.04	0.92	0.03	0.01	0.04	-1	-1	-1
S9621860 341614	150	PD-40	1	2	*	2B 24	1	1	20	3	B	106	10	55	0.6	25	207	1	4	35	3.08	9	10	11	2	33	2	1	13	2	5	48	0.01	0.04	0.35	0.02	0.03	0.09	-1	-1	-1
S9621861 341615	200	PD-40	1	2	*	1B 24	1	1	15	3	B	65	9	41	0.2	7	197	1	4	30	2.77	10	18	7	2	25	3	1	19	2	9	53	0.09	0.03	0.44	0.01	0.01	0.09	-1	-1	-1
S9621862 341616	250	PD-40	1	2	*	2B 24	1	1	15	3	B	25	10	28	2	8	122	1	2	16	1.74	5	18	8	2	26	2	1	10	1	7	51	0.08	0.03	0.44	0.02	0.02	0.02	-1	-1	-1
S9621863 341617	300	PD-40	1	2	*	2B 24	1	1	20	3	B	15	17	18	0.2	9	77	1	2	9	1.29	4	14	5	2	27	1	1	5	1	3	122	0.28	0.02	0.71	0.05	0.01	0.05	-1	-1	-1
S9621864 341618	350	PD-40	1	2	*	2B 24	1	1	15	3	B	23	14	37	0.2	1	88	1	2	20	2.53	1	27	8	9	45	1	1	12	3	6	96	0.13	0.01	0.51	0.01	0.01	0.03	-1	-1	-1
S9621865 341619	400	PD-40	1	2	*	2B 24	1	1	15	3	B	26	11	52	0.4	10	98	1	5	26	3.41	5	47	12	2	55	1	1	7	2	5	254	0.27	0.04	0.94	0.04	0.01	0.02	-1	-1	-1
S9621866 341620	450	PD-40	1	2	*	2B 24	1	1	15	3	B	29	12	63	0.4	17	80	1	7	31	4.28	4	55	2	2	50	1	1	10	2	6	267	0.32	0.03	1.17	0.07	0.01	0.03	-1	-1	-1
S9621867 341621	500	PD-40	1	2	*	2B 42	1	1	15	3	B	69	24	78	0.6	5	116	1	9	19	1.21	2	22	2	2	24	2	1	6	3	5	78	0.12	0.04	0.45	0.05	0.02	0.02	-1	-1	-1
S9621868 341622	550	PD-40	1	2	*	2B 24	1	1	15	3	B	16	8	30	0.2	6	58	1	2	45	4.41	3	51	2	17	51	2	1	16	3	9	248	0.33	0.08	0.99	0.04	0.02	0.02	-1	-1	-1
S9621869 341623	600	PD-40	1	2	*	2B 24	1	1	15	3	B	19	20	31	0.2	1	66	1	2	14	1.47	1	19	8	2	30	1	1	4	1	2	75	0.11	0.05	0.54	0.01	0.01	0.01	-1	-1	-1
S9621870 341624	650	PD-40	1	2	*	2B 24	1	1	15	3	B	14	11	18	0.7	1	53	1	1	9	0.96	2	13	13	2	24	1	1	4	1	3	64	0.07	0.04	0.55	0.03	0.02	0.02	-1	-1	-1
S9621871 341625	700	PD-40	1	2	*	2B 24	1	1	20	3	B	48	11	17	1.5	1	48	1	1	4	0.77	2	4	2	2	8	4	1	3	4	11	32	0.03	0.02	0.45	0.02	0.02	0.01	-1	-1	-1
S9621872 341626	750	PD-40	1	2	*	2B 24	1	1	15	3	B	26	21	14	0.5	1	74	1	1	2	0.79	3	4	2	2	7	3	1	3	2	6	21	0.02	0.01	0.65	0.02	0.03	0.05	-1	-1	-1
S9621873 341627	800	PD-40	1	2	*	2B 24	1	1	15	3	B	46	30	55	0.6	18	43	1	2	4	1.9	2	10	2	2	13	6	1	4	2	7	108	0.19	0.01	0.86	0.03	0.02	0.07	-1	-1	-1
S9621874 341628	850	PD-40	1	2	*	2B 24	1	1	20	3	B	47	68	37	0.2	10	102	1	2	9	2.8	5	13	2	6	17	1	1	6	2	8	209	0.41	0.02	1.14	0.05	0.02	0.11	-1	-1	-1
S9621875 341629	900	PD-40	1	2	*	2B 42	1	1	15	3	B	35	42	40	0.2	24	51	1	2	5	2.57	4	10	7	12	20	1	1	4	2	9	113	0.16	0.01	0.68	0.02	0.03	0.08	-1	-1	-1
S9621876 341630	950	PD-40	1	2	*	2B 24	1	1	15	3	B	25	29	39	0.2	18	50	1	2	5	2.42	3	10	2	5	25	6	1	4	2	5	250	0.22	0.03	0.96	0.03	0.02	0.08	-1	-1	-1
S9621877 341631	1000	PD-40	1	2	*	2B 24	1	1	15	3	B	91	77	148	0.2	28	183	1	8	25	2.61	9	19	2	2	15	1	1	92	23	57	210	0.35	0.03	0.99	0.02	0.01	0.07	-1	-1	-1
S9621878 341632	-50	PD-40	1	2	*	1B 14	2	2	25	4	B	9	13	46	0.2	1	86	1	5	6	2.47	2	9	12	7	21	8	1	11	4	11	323	0.55	0.02	1.46	0.13	0.03	0.14	-1	-1	-1
S9621879 341633	-100	PD-40	1	2	*	1B 24	1	1	20	3	B	87	92	151	0.2	23	159	1	11	30	3.02	13	22	2	2	15	3	1	103	22	53	913	0.26	0.01	0.8	0.66	0.01	0.17	-1	-1	-1
S9621880 341634	-150	PD-40	1	2	*	1B 24	1	1	20	3	B	88	88	146	0.2	25	228	1	11	21	2.78	10	18	2	2	13	7	1	97	17	45	673	0.28	0.01	0.87	0.62	0.01	0.14	-1	-1	-1
S9621881 341635	-200	PD-40	1	2	*	1B 24	1	1	20	3	B	209	63	184	0.2	17	95	1	36	23	2.99	13	16	2	2	15	4	1	107	26	61	1031	0.31	0.01	0.76	0.72	0.01	0.16	-1	-1	-1
S9621882 341636	-250	PD-40	1	2	*	1B 24	1	1	20	3	B	137	58	133	0.6	8	99	1	4	10	2.87	6	9	7	12	16	2	1	22	12	29	1241	0.32	0.01	1.21	0.39	0.01	0.13	-1	-1	-1
S9621883 341637	-300	PD-40	1	2	*	1B 24	1	1	20	3	B	165	78	511	0.2	24	309	1	9	20	3.2	20	13	2																	

EXPO

S9621972 300994	DV-15	300	1	2	*	YB 24	1	2	25	3	B	8	8	13	0.2	4	44	1	1	2	0.58	4	2	2	2	6	3	1	3	1	6	58	0.09	0.01	0.56	0.03	0.02	0.07	-1	-1	-1	
S9621973 300995	DV-15	400	1	5	*	1Y 23	1	2	35	3	B	6	9	20	0.2	10	25	1	2	2	0.72	3	4	14	2	9	4	1	2	1	3	88	0.15	0.01	0.38	0.01	0.01	0.09	-1	-1	-1	
S9621974 300996	DV-15	500	1	2	*	1Y 23	1	2	30	3	B	55	47	71	0.5	244	206	1	6	6	2.93	7	4	2	9	14	2	1	32	10	24	558	0.22	0.01	0.71	0.22	0.01	0.15	-1	-1	-1	
S9621975 300997	DV-15	600	1	2	*	YB 24	1	2	20	3	B	6	7	15	0.2	20	40	1	2	3	0.87	2	5	2	2	11	2	1	2	1	4	96	0.13	0.01	0.56	0.02	0.02	0.09	-1	-1	-1	
S9621976 300998	DV-15	700	1	2	*	2Y 24	2	2	25	3	B	7	8	13	0.2	9	22	1	2	2	0.75	2	2	2	7	15	6	1	2	1	4	56	0.04	0.01	0.49	0.01	0.01	0.05	-1	-1	-1	
S9621977 300999	DV-15	800	1	5	*	GY 23	2	2	30	3	B	3	3	2	0.2	13	23	1	1	2	0.47	1	2	5	2	6	1	1	2	1	4	56	0.07	0.01	0.5	0.01	0.01	0.08	-1	-1	-1	
S9621978 301000	DV-15	900	1	2	*	2B 14	3	2	10	4	B	64	45	251	0.2	24	139	2	70	33	3.18	40	12	2	2	9	1	1	2	1	4	426	3319	0.23	0.01	2.81	0.24	0.03	0.14	-1	-1	-1
S9621979 299501	DV-15	1000	1	5	*	2Y 23	1	2	20	3	B	6	14	27	0.2	7	34	1	3	6	1.41	1	9	8	5	14	10	1	3	7	8	180	0.25	0.02	0.8	0.02	0.01	0.11	-1	-1	-1	
S9621980 299502	DV-15	1100	1	5	*	1Y 23	1	2	20	3	B	5	13	7	0.2	1	23	1	1	1	0.56	3	2	10	2	2	1	2	1	4	28	0.02	0.06	0.45	0.01	0.01	0.04	-1	-1	-1		
S9621981 299503	DV-15	1200	1	5	*	YB 23	1	2	20	3	B	268	127	216	1.3	34	201	1	11	18	3.41	15	10	2	5	13	4	1	30	28	39	138	0.3	0.02	0.67	0.34	0.01	0.09	-1	-1	-1	
S9621982 299504	DV-15	1300	1	1	*	2Y 24	1	2	25	1	B	7	12	20	0.2	8	153	1	4	5	1.16	1	13	6	2	15	2	1	24	1	3	138	0.3	0.02	0.67	0.34	0.01	0.09	-1	-1	-1	
S9621983 299505	DV-15	200	1	*	1 NB 12	2	3	50	3	3	35	33	123	0.4	24	119	1	8	10	1.51	1	9	2	2	12	7	1	23	12	28	560	0.33	0.01	0.76	0.39	0.01	0.15	-1	-1	-1		
S9621984 299506	DV-15	400	1	*	1 NB 12	1	3	20	3	3	39	38	177	0.2	31	168	1	8	13	1.72	3	11	2	2	13	5	1	23	12	31	512	0.4	0.01	0.91	0.4	0.01	0.18	-1	-1	-1		
S9621985 299507	DV-15	600	1	*	1 NB 12	1	3	20	3	3	30	35	134	0.2	36	127	1	8	16	1.72	5	11	5	2	13	1	1	29	15	34	598	0.39	0.01	0.92	0.48	0.02	0.18	-1	-1	-1		
S9621986 299508	DV-15	800	1	*	1 NB 12	1	3	30	2	3	24	26	147	0.2	30	127	1	7	9	1.47	3	8	2	2	11	4	1	21	11	26	514	0.38	0.01	0.82	0.35	0.01	0.16	-1	-1	-1		
S9621987 299509	DV-15	1000	1	*	1 NB 12	1	3	30	2	3	21	24	117	0.2	24	84	1	8	10	1.44	3	8	2	2	11	4	1	21	11	25	444	0.34	0.01	0.74	0.37	0.01	0.13	-1	-1	-1		
S9621988 299510	DV-15	1200	1	*	1 NB 12	1	3	30	2	3	17	23	84	0.2	17	62	1	6	7	1.33	1	7	5	2	10	4	1	15	8	22	442	0.33	0.01	0.62	0.26	0.01	0.13	-1	-1	-1		
S9621989 299511	DV-15	1400	1	*	1 NB 12	1	3	25	5	2	13	18	52	0.2	13	53	1	6	7	1.32	3	8	2	2	11	12	1	11	5	14	337	0.32	0.01	0.81	0.2	0.01	0.12	-1	-1	-1		
S9621990 299512	DV-15	1600	1	*	1 NB 12	1	3	20	2	2	11	13	49	0.2	29	47	1	6	6	1.33	2	6	11	2	6	11	5	1	10	4	14	336	0.31	0.01	0.59	0.17	0.01	0.1	-1	-1	-1	
S9621991 299513	DV-15	200	1	*	1 NB 12	1	3	10	1	1	43	58	403	0.2	7	131	3	10	19	1.43	3	7	2	2	8	1	1	19	19	41	709	0.38	0.01	0.68	0.29	0.02	0.18	-1	-1	-1		
S9621992 299514	DV-15	400	1	*	1 NB 12	1	2	2	1	1	66	92	544	0.4	17	246	3	14	30	1.97	9	9	6	2	11	5	1	27	30	62	1423	0.52	0.01	1.03	0.39	0.01	0.24	-1	-1	-1		
S9621993 299515	DV-15	550	1	*	1 NB 12	1	2	2	1	1	60	140	1239	0.2	9	248	6	20	61	2.27	10	13	5	2	12	6	1	30	54	101	2666	0.59	0.01	1.44	0.43	0.03	0.18	-1	-1	-1		
S9621994 299516	DV-15	100	1	3	*	2B 24	2	2	25	4	B	31	38	107	0.4	12	90	1	16	14	3.68	7	38	2	2	26	3	1	32	19	50	2243	0.43	0.01	1.13	0.29	0.01	0.13	-1	-1	-1	
S9621995 299517	DV-15	200	1	3	*	1N 25	1	2	15	4	B	131	487	135	0.5	39	109	1	19	14	3.42	7	25	2	2	28	11	1	31	9	47	1322	1.3	0.03	1.63	0.37	0.01	0.41	-1	-1	-1	
S9621996 299518	DV-15	275	2	*	2 1B 14	1	2	-1	-1	-1	35	122	108	0.2	27	71	1	16	13	3.67	4	25	2	2	29	3	1	70	11	46	791	2	0.1	2	0.58	0.01	1.07	-1	-1	-1		
S9622000 299522	DV-16	300	1	3	*	1B 14	2	2	20	4	C	27	140	140	0.2	9	43	1	13	3.11	6	24	2	2	17	6	1	47	21	55	1000	1.15	0.03	1.31	0.51	0.01	0.49	-1	-1	-1		
S9622001 299523	DV-16	400	1	2	*	1B 24	2	2	15	4	B	28	52	117	0.2	20	51	1	10	3.28	3	70	8	12	30	1	1	34	15	47	571	1.32	0.05	1.52	0.36	0.01	0.58	-1	-1	-1		
S9622002 299524	DV-16	500	1	2	*	1B 25	1	2	15	4	B	23	15	91	0.6	22	88	1	13	2.69	1	24	2	6	26	2	1	19	3	11	601	1.27	0.05	1.56	0.28	0.01	0.34	-1	-1	-1		
S9622003 299525	DV-16	600	1	2	*	1B 24	1	2	15	4	C	19	11	61	0.4	1	59	1	14	3.35	2	26	2	19	28	1	1	24	4	11	821	1.65	0.09	1.86	0.37	0.01	0.81	-1	-1	-1		
S9622004 299526	DV-16	700	1	3	*	GN 24	1	2	15	4	B	24	27	74	0.5	6	70	1	12	2.75	1	21	2	2	26	1	1	19	4	14	818	1.26	0.08	1.54	0.25	0.01	0.7	-1	-1	-1		
S9622005 299527	DV-16	800	1	2	*	2N 25	1	2	20	4	B	29	41	91	0.4	11	148	1	11	3.18	2	16	2	2	29	1	1	27	5	16	639	1.52	0.07	1.76	0.39	0.01	0.61	-1	-1	-1		
S9622006 299528	DV-16	900	1	2	*	GB 25	1	3	25	4	B	41	73	110	0.4	25	80	1	7	2.63	4	21	6	2	19	5	1	36	19	43	695	1	0.04	1.23	0.35	0.01	0.52	-1	-1	-1		
S9622007 299529	DV-16	1000	1	2	*	1B 24	1	2	15	4	B	45	41	130	0.2	14	104	1	9	1.94	7	9	2	2	10	1	1	32	28	59	369	0.5	0.02	0.75	0.27	0.01	0.33	-1	-1	-1		
S9622008 299530	DV-16	1100	1	2	*	1B 24	2	2	30	4	B	31	51	119	0.2	18	87	1	9	2.45	6	10	2	2	16	4	1	36	19	48	445	0.83	0.02	1.11	0.3	0.01	0.4	-1	-1	-1		
S9622009 299531	DV-16	1200	1	2	*	1B 24	2	2	15	3	B	28	64	142	0.2	8	136	1	11	2.59	8	11	6	7	19	7	1	21	13	25	654	0.54	0.02	1.13	0.13	0.02	0.39	-1	-1	-1		
S9622010 299532	DV-16	1300	1	2	*	1B 24	2	2	20	3	B	8	15	27	0.2	5	44	1	1	0.88	1	4	2	2	17	4	1	52	18	32	762	0.73	0.03	1.1	0.38	0.02	0.45	-1	-1	-1		
S9622011 299533	DV-16	1400	1	2	*	1B 24	2	2	15	3	B	20	41	87	0.2	25	116	1	7	1	4	2	2	11	8	1	5	3	9	117	0.08	0.01	0.66	0.03	0.03	0.1	-1	-1	-1			
S9622012 299534	DV-16	1500	1	2	*	GB 25	2	2	25	3	B	22	84	102	0.2	22	88	1	10	2.26	4	25	2	2	13	1	1	89	11	32	429	0.63	0.02	0.92	0.08	0.01	0.28	-1	-1	-1		
S9622013 299535	DV-16	1600	1	2	*	1B 24	2	2	20	4	B	16	52	61	0.2	15	89	1	6	10	2.71	4	16	2	2	14	5	1	80	17	43	668	0.82	0.04	1.03	0.32	0.01	0.52	-1	-1	-1	
S9622014 299536	DV-16	1725	1	2	*	1B 24	2	2	20	4	B	28	48	64	0.2	10	73	1	7	2	5	9	5	2	12	9	1	11	11	35	559	0.59	0.02	0.98	0.18	0.01	0.34	-1	-1	-1		
S9622015																																										

S9622108 339598	-1000	250	1	2	1	3B 34	1	1	20	4	-1	15	30	44	0.2	17	70	1	4	7	1.68	3	11	2	2	20	3	1	10	5	10	184	0.16	0.01	0.84	0.07	0.03	0.18	-1	-1	-1	
S9622107 339599	-1000	300	1	2	1	1B 34	2	1	20	4	-1	6	5	12	0.2	1	75	1	2	1	0.4	1	2	2	2	8	9	1	4	2	5	881	0.02	0.01	0.38	0.03	0.02	0.04	-1	-1	-1	
S9622106 339600	-1000	350	1	2	1	3B 35	1	1	25	4	-1	19	18	36	0.2	4	54	1	6	8	1.84	2	12	6	13	18	7	1	9	5	10	379	0.25	0.01	0.81	0.05	0.02	0.14	-1	-1	-1	
S9622109 339601	-1000	400	1	2	1	1B 34	1	1	20	4	-1	12	13	29	0.2	13	64	1	5	5	1.2	2	9	5	2	12	2	1	7	3	7	892	0.15	0.01	0.67	0.05	0.02	0.12	-1	-1	-1	
S9622110 339602	-1000	450	1	2	1	1B 35	1	1	25	4	-1	13	17	32	0.2	5	41	1	4	6	1.45	1	10	12	2	15	2	1	8	3	7	201	0.27	0.02	0.79	0.05	0.03	0.16	-1	-1	-1	
S9622111 339603	-1000	500	1	2	1	2B 34	2	1	20	4	-1	12	15	28	0.2	1	49	1	4	5	1.52	3	10	2	6	16	8	1	9	4	10	203	0.3	0.03	0.81	0.05	0.01	0.14	-1	-1	-1	
S9622112 339604	-900	500	1	2	1	2B 34	2	1	20	4	-1	16	30	37	0.2	35	94	1	5	8	1.66	3	13	2	6	15	6	1	21	8	41	233	0.25	0.01	0.86	0.22	0.04	0.15	-1	-1	-1	
S9622113 339605	-900	450	1	2	1	2B 35	1	1	20	4	-1	23	41	63	0.2	41	67	1	9	11	2.47	2	18	2	2	21	1	1	26	9	27	479	0.5	0.03	1.11	0.18	0.01	0.23	-1	-1	-1	
S9622114 339606	-900	400	1	2	1	3B 32	1	1	15	4	-1	17	50	46	0.6	13	99	1	6	5	2	1	13	2	6	20	2	1	17	7	23	653	0.15	0.01	0.9	0.15	0.03	0.21	-1	-1	-1	
S9622115 339607	-900	350	1	2	1	2B 32	1	1	20	4	-1	21	21	49	0.2	16	42	1	6	11	2.09	4	15	2	13	18	1	2	15	7	22	288	0.47	0.03	1.08	0.12	0.02	0.15	-1	-1	-1	
S9622116 339608	-900	300	1	2	1	2B 34	1	1	20	4	-1	18	28	50	0.7	15	61	1	6	9	2.46	2	14	2	5	20	7	1	8	6	13	397	0.27	0.03	1.05	0.05	0.03	0.17	-1	-1	-1	
S9622117 339609	-900	250	1	2	1	1B 34	1	1	20	3	-1	14	29	40	0.2	17	95	1	3	8	1.85	1	13	2	2	19	1	1	13	4	11	387	0.15	0.01	0.79	0.07	0.04	0.15	-1	-1	-1	
S9622118 339610	-900	200	1	2	1	2B 32	1	1	20	3	-1	10	11	20	0.2	14	53	1	2	4	0.89	2	7	11	2	12	1	1	5	2	9	171	0.05	0.01	0.65	0.02	0.03	0.07	-1	-1	-1	
S9622119 339611	-900	150	1	2	1	1B 34	1	1	20	4	-1	20	33	53	0.2	13	59	1	4	8	1.99	1	13	2	8	19	1	1	8	6	14	286	0.18	0.01	0.74	0.03	0.01	0.12	-1	-1	-1	
S9622120 339612	-900	100	1	2	1	1B 34	1	1	20	4	-1	18	35	49	0.5	17	69	1	4	6	1.85	2	10	2	2	14	8	1	12	4	11	388	0.14	0.01	0.6	0.09	0.03	0.16	-1	-1	-1	
S9622121 339613	-900	50	1	2	1	2B 34	1	1	20	4	-1	20	53	35	0.5	14	299	1	1	3	2.46	9	5	13	2	26	9	1	48	2	20	210	0.08	0.01	0.55	0.07	0.04	0.13	-1	-1	-1	
S9622122 339614	-800	50	1	2	1	2B 34	1	1	25	3	-1	31	70	87	0.2	68	83	1	4	7	1.69	9	11	2	2	10	9	1	2	65	50	82	372	0.29	0.01	1	0.74	0.01	0.17	-1	-1	-1
S9622123 339615	-800	100	1	2	1	3B 32	1	1	15	3	-1	38	38	218	0.2	22	74	1	5	9	1.49	1	13	9	5	10	1	1	54	25	41	241	0.31	0.01	0.74	0.55	0.01	0.17	-1	-1	-1	
S9622124 339616	-800	150	1	2	1	1B 34	1	1	20	3	-1	6	9	18	0.2	11	46	1	1	2	0.67	1	6	2	13	8	3	1	6	3	9	78	0.05	0.01	0.59	0.03	0.01	0.11	-1	-1	-1	
S9622125 339617	-800	200	1	2	1	3B 32	1	1	15	4	-1	23	63	82	0.2	26	104	1	7	8	1.86	5	14	2	2	13	2	1	42	28	65	573	0.3	0.01	0.89	0.42	0.01	0.22	-1	-1	-1	
S9622126 339618	-800	250	1	2	1	2B 32	2	1	15	4	-1	21	39	63	0.2	27	70	1	10	9	1.96	5	14	5	2	15	3	1	30	7	17	548	0.4	0.02	0.88	0.19	0.01	0.24	-1	-1	-1	
S9622127 339619	-800	300	1	2	1	2B 34	1	1	20	4	-1	14	19	29	0.2	15	58	1	3	5	1.38	1	10	2	2	17	12	1	14	4	11	151	0.13	0.01	0.7	0.05	0.02	0.16	-1	-1	-1	
S9622128 339620	-800	350	1	2	1	1B 34	1	1	20	4	-1	21	28	48	0.4	7	111	1	6	10	1.96	6	15	2	2	20	7	1	21	13	41	324	0.34	0.01	1.3	0.12	0.03	0.21	-1	-1	-1	
S9622129 339621	-800	400	1	2	1	1B 34	2	1	20	4	-1	12	29	31	0.2	13	75	1	3	4	1.33	3	9	2	9	16	5	1	15	4	12	368	0.1	0.01	0.63	0.09	0.03	0.2	-1	-1	-1	
S9622130 339622	-800	450	1	2	1	2B 34	2	1	20	4	-1	13	41	42	0.2	7	94	1	6	7	1.68	1	15	2	6	24	4	1	17	3	10	968	0.15	0.03	0.88	0.09	0.03	0.2	-1	-1	-1	
S9622131 339623	-800	500	1	2	1	1B 34	1	1	20	4	-1	23	56	103	0.5	19	83	1	8	9	3.13	4	13	9	2	24	3	1	27	5	17	433	0.78	0.07	1.3	0.09	0.01	0.27	-1	-1	-1	
S9622132 339624	-700	500	1	2	1	1B 34	1	1	20	4	-1	15	39	51	0.4	18	64	1	10	7	2.6	2	13	9	2	25	8	1	13	4	10	774	0.44	0.03	1.01	0.08	0.03	0.25	-1	-1	-1	
S9622133 339625	-700	450	1	2	1	2B 32	2	1	20	4	-1	14	24	40	0.2	17	62	1	4	7	2.08	1	11	2	2	22	1	2	15	4	10	287	0.25	0.04	0.86	0.07	0.01	0.18	-1	-1	-1	
S9622134 339626	-700	400	1	2	1	2B 34	1	1	20	4	-1	19	32	38	0.2	8	78	1	5	7	1.9	2	10	2	12	22	1	1	18	3	7	635	0.21	0.02	0.71	0.1	0.03	0.21	-1	-1	-1	
S9622135 339627	-700	350	1	2	1	1B 34	2	1	15	4	-1	9	25	21	0.5	9	52	1	2	3	0.99	7	12	8	18	7	1	10	2	8	109	0.09	0.02	0.86	0.04	0.01	0.09	-1	-1	-1		
S9622136 339628	-700	300	1	2	1	2B 34	2	1	10	4	-1	23	137	237	0.4	33	89	1	4	7	1.68	9	8	2	2	7	1	1	38	23	54	308	0.27	0.01	0.97	0.32	0.01	0.19	-1	-1	-1	
S9622137 339630	-700	200	1	2	1	1B 34	2	1	20	2	-1	118	57	317	0.2	15	285	1	9	21	1.96	12	13	2	2	10	8	1	69	38	51	515	0.35	0.01	1.45	0.59	0.01	0.24	-1	-1	-1	
S9622138 339631	-700	150	1	2	1	2B 45	1	1	25	2	-1	25	43	47	1.2	14	98	1	1	6	1.12	4	8	2	2	8	2	1	3	2	6	104	0.15	0.01	0.86	0.03	0.01	0.07	-1	-1	-1	
S9622139 339632	-700	100	1	2	1	2B 32	2	2	20	2	-1	32	34	92	0.6	13	90	1	1	10	1.59	6	14	2	2	9	3	1	3	3	10	239	0.38	0.01	1.03	0.03	0.01	0.07	-1	-1	-1	
S9622140 339633	-700	50	1	2	1	1B 34	1	1	20	2	-1	204	68	163	0.2	11	194	1	5	14	2.41	4	12	2	2	13	3	1	11	33	58	355	0.4	0.02	1.28	0.1	0.01	0.15	-1	-1	-1	
S9622141 339634	-600	50	1	2	1	1B 35	1	1	20	2	-1	22	57	81	0.4	19	79	1	8	10	2.53	6	15	6	8	19	4	1	11	33	58	355	0.4	0.02	1.28	0.1	0.01	0.15	-1	-1	-1	
S9622142 339635	-600	100	1	2	1	1B 35	1	1	20	3	-1	30	60	87	0.2	44	80	1	10	13	2.31	4	15	5	9	15	5	3	28	6	15	808	0.41	0.01	0.72	0.23	0.03	0.22	-1	-1	-1	
S9622143 339636	-600	150	1	2	1	1B 32	1	1	20	3	-1	28	39	57	0.9	25	55	1	7	14	2.62	3	18	2	6	24	1	1	17	5	12	118	0.48	0.05	0.96	0.11	0.03	0.18	-1	-1	-1	
S9622144 339637	-800	200	1	2	1	BR 34	1	1	20	3	-1	18	53	95	0.8	12	126	2	8	9	1.88	5	12	2	2	25	4	1	15	3	7	1855	0.19	0.03	0.59	0.1	0.03	0.2	-1	-1	-1	
S9622145 339638	-600	250	1	2	1	2B 34	1	1	20	3	-1	20	45	79	0.4	12	68	1	8</																							

S9622260	338682	-100	500	1	2	*	BR	43	2	2	10	3	B	22	131	115	0.2	44	44	1	7	6	2.21	8	8	2	2	13	4	1	12	12	28	407	0.26	0.01	0.8	0.05	0.02	0.14	-1	-1	-1
S9622261	338683	-200	500	1	2	*	BR	43	2	2	15	2	B	25	46	85	0.2	1	48	1	7	16	3.03	4	19	2	2	29	6	1	9	4	10	486	0.52	0.03	1.25	0.06	0.03	0.09	-1	-1	-1
S9622262	338684	-200	450	1	2	*	2B	42	2	2	10	4	B	35	263	174	0.5	63	93	1	13	6	2.7	10	7	2	2	12	3	1	54	21	52	783	0.75	0.02	1.01	0.38	0.02	0.34	-1	-1	-1
S9622263	338685	-200	400	1	2	*	2B	43	2	2	10	4	B	108	100	132	0.8	304	92	1	21	49	4.58	14	57	6	2	45	5	1	40	22	43	2028	1.39	0.01	1.78	0.28	0.03	0.25	-1	-1	-1
S9622264	338686	-200	350	1	2	*	2B	42	3	2	15	4	B	84	57	96	0.2	44	75	1	23	19	3.96	8	18	2	2	35	1	1	22	6	11	1581	0.86	0.01	1.41	0.21	0.03	0.16	-1	-1	-1
S9622265	338687	-200	300	1	2	*	2B	43	2	2	10	4	B	77	96	97	0.2	50	108	1	18	37	4.62	14	21	2	2	21	5	1	73	28	65	1011	0.81	0.05	1.28	0.34	0.01	0.37	-1	-1	-1
S9622266	338688	-300	300	1	2	*	2B	34	2	2	10	4	B	41	70	126	0.4	15	69	1	13	15	3.13	10	11	2	2	22	1	1	38	16	35	832	0.79	0.04	1.17	0.25	0.01	0.3	-1	-1	-1
S9622267	338689	-300	350	1	2	*	2B	43	3	2	15	4	B	57	70	162	0.6	35	68	1	25	22	3.92	11	14	8	2	28	1	1	35	14	32	1278	1.19	0.05	1.52	0.24	0.01	0.29	-1	-1	-1
S9622268	338690	-300	400	1	2	*	3B	41	3	2	10	4	B	33	73	102	0.6	31	75	1	7	10	2.57	4	13	5	2	19	3	1	40	7	19	884	0.72	0.02	1.09	0.28	0.03	0.34	-1	-1	-1
S9622269	338691	-300	450	1	3	*	2B	32	2	2	15	4	B	39	94	109	0.4	59	102	1	14	7	2.18	8	8	2	2	13	1	1	149	21	63	907	0.87	0.02	1.01	0.96	0.04	0.48	-1	-1	-1
S9622270	338692	-400	500	1	2	*	3B	43	2	2	15	4	B	18	92	88	0.5	20	85	1	11	11	3.24	8	15	6	2	26	1	1	61	16	44	661	1.42	0.07	1.48	0.42	0.01	0.67	-1	-1	-1
S9622271	338693	-400	450	1	2	*	2B	43	3	2	15	4	B	51	87	172	0.2	5	90	1	8	7	2.49	7	10	2	2	19	1	1	27	7	22	485	0.64	0.03	1.03	0.14	0.01	0.35	-1	-1	-1
S9622272	338694	-400	400	1	3	*	3B	32	2	2	15	4	B	40	52	91	0.2	21	91	1	15	12	3.12	10	12	2	2	29	1	1	27	9	29	799	1.06	0.05	1.41	0.33	0.01	0.37	-1	-1	-1
S9622273	338695	-400	350	1	2	*	3B	34	3	2	15	4	B	33	77	128	0.4	15	83	1	12	12	2.94	10	14	2	2	24	3	1	36	10	27	1003	1.08	0.05	1.49	0.2	0.01	0.32	-1	-1	-1
S9622274	338696	-400	300	1	2	*	3B	42	3	2	15	4	B	33	78	90	0.5	30	90	1	11	14	2.81	8	14	2	2	23	4	1	37	16	43	815	0.73	0.02	1.16	0.28	0.02	0.31	-1	-1	-1
S9622275	338697	-400	250	1	2	*	3B	42	2	2	10	4	B	30	77	128	0.2	20	103	1	15	14	2.77	4	18	2	5	25	1	1	40	6	17	1054	0.88	0.03	0.95	0.25	0.03	0.41	-1	-1	-1
S9622276	338698	-400	200	1	2	*	3B	43	3	2	10	4	B	32	42	90	0.2	12	92	1	10	14	2.86	1	14	5	2	22	6	1	43	6	21	731	0.78	0.04	1.06	0.21	0.03	0.34	-1	-1	-1
S9622277	338699	-400	150	1	2	*	3B	43	2	2	15	3	B	45	68	148	0.9	1	222	1	3	4	4.68	7	5	7	2	29	1	1	13	1	2	791	1.58	0.11	1.76	0.15	0.01	0.78	-1	-1	-1
S9622278	338701	-400	50	1	2	*	BR	43	2	2	15	3	B	65	1287	120	3	104	101	1	1	6	6.94	10	11	39	8	38	1	1	2	1	3	137	0.11	0.01	0.81	0.01	0.02	0.03	-1	-1	-1
S9622279	338702	-300	50	1	2	*	2R	34	2	2	15	3	B	280	169	125	1.3	35	101	1	5	14	3.27	19	11	2	2	13	5	1	17	22	28	397	0.15	0.01	1.09	0.08	0.03	0.06	-1	-1	-1
S9622280	338703	-300	100	1	2	*	BR	15	2	2	20	2	B	57	158	205	0.2	23	95	1	12	8	3.58	16	6	2	2	17	1	1	30	51	113	926	0.58	0.03	0.97	0.28	0.01	0.35	-1	-1	-1
S9622281	338704	-300	150	1	2	*	BR	32	2	2	15	4	B	48	81	127	0.2	24	79	1	16	17	3.53	7	12	6	2	16	1	1	47	14	27	835	0.55	0.03	0.82	0.27	0.01	0.31	-1	-1	-1
S9622282	338705	-300	200	1	2	*	2B	42	2	2	15	4	B	21	27	71	0.2	9	54	1	8	15	3.27	2	26	2	7	30	1	1	6	5	10	458	0.61	0.05	2.19	0.04	0.01	0.1	-1	-1	-1
S9622283	338747	RH-26	100	1	2	*	BR	42	2	2	10	2	B	13	14	53	0.6	4	54	1	7	9	2.13	1	16	2	8	18	1	1	8	4	10	342	0.52	0.03	1.52	0.07	0.03	0.16	-1	-1	-1
S9622284	338748	RH-26	200	1	2	*	2B	52	1	2	10	3	B	20	29	66	0.2	1	53	1	8	12	2.45	3	21	2	8	23	1	1	12	5	17	429	0.64	0.03	1.59	0.13	0.01	0.2	-1	-1	-1
S9622285	338750	RH-26	300	1	2	*	2B	43	2	2	15	3	B	17	19	64	0.4	2	49	1	7	11	2.19	3	21	2	2	18	1	1	6	4	12	396	0.62	0.05	1.31	0.06	0.01	0.22	-1	-1	-1
S9622286	338751	RH-26	400	1	2	*	2B	43	1	2	15	2	B	20	18	33	0.2	3	60	1	3	6	1.53	1	11	2	2	23	1	1	4	3	14	200	0.15	0.03	0.88	0.02	0.03	0.06	-1	-1	-1
S9622287	338752	RH-26	500	1	3	*	2B	45	1	2	3	2	C	39	35	65	0.2	4	85	1	6	10	1.77	5	12	2	2	16	1	1	10	6	28	411	0.41	0.03	1.16	0.07	0.01	0.21	-1	-1	-1
S9622288	338753	RH-26	600	1	2	*	2B	42	1	2	10	2	C	78	40	81	0.7	23	88	1	12	19	2.78	8	18	2	2	22	1	1	9	7	20	454	0.36	0.02	1.26	0.07	0.01	0.06	-1	-1	-1
S9622289	338754	RH-26	700	1	2	*	BR	42	1	2	15	3	B	61	31	30	0.6	1	64	1	2	5	1.69	7	5	2	7	21	1	1	4	2	8	40	0.02	0.01	0.53	0.01	0.03	0.02	-1	-1	-1
S9622290	338755	RH-26	800	1	3	*	2B	42	3	2	10	3	B	55	47	95	0.5	20	143	1	23	19	2.48	7	31	2	2	21	1	1	8	25	75	1881	0.41	0.01	1.5	0.04	0.03	0.26	-1	-1	-1
S9622291	338756	RH-26	900	1	2	*	3R	42	1	2	15	3	B	228	293	309	0.8	21	295	1	47	30	10.18	46	5	2	2	6	8	1	13	98	121	2305	0.03	0.01	1.14	0.05	0.01	0.06	-1	-1	-1
S9622292	338757	RH-26	1000	1	3	*	2B	32	1	2	5	3	C	24	68	51	0.9	1	52	1	5	22	2.47	2	19	2	9	18	1	1	6	6	12	221	0.43	0.06	1.22	0.05	0.03	0.18	-1	-1	-1
S9622293	338758	RH-26	1100	1	3	*	BR	43	2	2	10	3	B	88	182	124	1.1	11	114	1	23	31	4.83	7	24	2	2	15	13	1	41	20	52	625	0.6	0.03	1.36	0.04	0.02	0.14	-1	-1	-1
S9622294	338759	RH-26	1200	1	3	*	2B	32	2	2	10	4	B	72	143	102	0.9	5	106	1	11	21	4.2	7	17	12	2	9	1	1	44	13	48	419	0.46	0.04	0.94	0.05	0.02	0.2	-1	-1	-1
S9622295	338760	RH-26	1300	1	3	*	2R	23	1	2	5	4	C	480	189	110	5.1	68	83	1	3	12	8.52	12	5	47	2	3	4	1	15	12	27	183	0.05	0.04	0.54	0.01	0.01	0.15	-1	-1	-1
S9622296	338761	RH-26	1400	1	3	*	2R	23	1	2	5	4	B	108	396	51	4.4	7	51	1	7	17	7.16	10	18	2	2	11	5	1	27	6	30	389	0.28	0.21	0.64	0.03	0.01	0.06	-1	-1	-1
S9622297	338762	RH-26	1500	1	3	*	2R	23	1	2	5	4	B	182	109	56	2.4	1	104	1	1	18	3.83	46	7	2	2	23	6	1	11	3	19	148	0.29	0.04	0.49	0.05	0.01	0.07	-1	-1	-1
S9622298	338763	RH-26	1600	1	2	*	BY	23	2	2	10	4	B	165	117	239	1.8	38</																									

EXPO

S9622367	338628	RH-22	2	5	1	2B	23	2	3	10	42	2	87	162	201	1.3	23	58	1	8	41	2.54	7	52	2	2	19	1	1	34	48	42	787	0.87	0.03	1.08	0.39	0.01	0.34	-1	-1	-1		
S9622368	338629	RH-22	150	2	5	1	2B	14	2	3	10	32	2	73	126	180	1.2	1	70	1	14	49	3.31	8	67	2	2	28	1	1	43	27	39	1102	1.07	0.05	1.48	0.46	0.01	0.43	-1	-1	-1	
S9622369	338630	RH-22	300	2	5	1	2B	32	1	3	10	32	2	97	74	141	1	21	113	1	14	33	4.26	5	51	2	2	27	1	1	52	27	53	1291	1.34	0.08	1.93	0.5	0.01	0.73	-1	-1	-1	
S9622370	338631	RH-22	440	2	5	1	BG	13	1	*	-1	13	2	49	34	59	0.2	25	64	1	8	5	2.09	9	9	2	2	12	1	1	32	35	95	529	0.49	0.02	0.9	0.37	0.01	0.33	-1	-1	-1	
S9622371	338632	RH-22	450	2	5	1	2B	32	1	3	10	33	2	38	48	66	0.2	20	58	1	9	15	2.81	4	24	2	2	20	1	1	38	16	38	706	1	0.05	1.24	0.33	0.01	0.48	-1	-1	-1	
S9622372	338633	RH-22	600	2	1	1	2B	32	1	3	10	32	2	38	45	79	0.5	4	55	1	8	17	2.38	9	24	13	2	18	1	1	36	18	43	634	0.86	0.04	1.09	0.32	0.01	0.44	-1	-1	-1	
S9622373	338634	RH-22	750	2	1	1	2B	32	1	3	10	42	2	48	57	83	0.5	9	66	1	9	14	2.7	8	23	2	2	18	4	1	40	21	54	600	0.82	0.04	1.18	0.33	0.01	0.42	-1	-1	-1	
S9622374	338635	RH-22	900	2	1	1	2R	23	1	3	10	32	2	39	41	76	0.4	8	58	1	9	15	2.4	9	19	2	2	17	1	1	38	18	48	571	0.75	0.04	1.05	0.32	0.01	0.41	-1	-1	-1	
S9622375	338636	RH-22	1050	2	1	1	2B	32	1	3	10	42	2	41	40	73	0.5	1	59	1	9	12	2.37	9	19	2	2	16	1	1	39	18	53	563	0.73	0.04	1.05	0.31	0.01	0.41	-1	-1	-1	
S9622376	338637	RH-22	1200	2	1	1	3B	31	1	3	10	42	2	25	28	57	0.5	1	46	1	7	9	2	3	17	2	2	15	2	1	34	13	38	453	0.67	0.04	0.9	0.27	0.01	0.35	-1	-1	-1	
S9622377	338638	RH-22	1350	2	1	1	2B	32	1	3	10	32	2	31	34	62	0.4	8	50	1	8	11	2.16	7	19	2	2	15	1	1	37	18	48	466	0.66	0.03	0.93	0.3	0.01	0.39	-1	-1	-1	
S9622378	338639	RH-22	1480	2	1	1	2B	34	1	3	6	13	2	31	23	53	0.6	24	481	1	4	18	1.52	7	27	2	2	16	1	1	71	55	108	446	0.36	0.01	0.89	0.63	0.01	0.18	-1	-1	-1	
S9622379	338640	RH-22	1500	2	1	1	3B	32	1	3	10	42	2	45	49	80	0.6	13	154	1	9	18	2.43	5	26	2	2	17	8	1	41	26	63	501	0.74	0.02	1.12	0.37	0.01	0.4	-1	-1	-1	
S9622380	338641	RH-22	1650	2	1	1	3B	32	1	3	15	3	2	22	25	55	0.5	13	107	1	8	10	1.68	9	14	2	2	13	3	1	31	14	40	403	0.51	0.02	0.76	0.26	0.01	0.28	-1	-1	-1	
S9622381	338642	RH-22	1800	2	1	1	BR	31	1	3	15	32	2	32	28	82	0.4	13	98	1	7	15	1.83	7	19	2	2	15	1	1	29	20	54	440	0.54	0.01	0.84	0.35	0.01	0.26	-1	-1	-1	
S9622382	338643	RH-22	1950	2	1	1	2B	32	1	3	15	42	2	29	22	84	0.2	20	89	1	6	14	1.7	5	16	2	2	14	1	1	23	13	38	402	0.51	0.02	0.72	0.25	0.01	0.23	-1	-1	-1	
S9622383	338644	RH-22	2100	2	1	1	BR	32	1	3	20	32	2	29	27	81	0.2	16	81	1	7	15	1.83	4	17	2	2	14	1	1	25	16	46	422	0.55	0.02	0.8	0.27	0.01	0.26	-1	-1	-1	
S9622384	338645	RH-22	2400	2	1	1	2G	31	2	3	25	22	2	67	50	181	0.4	9	193	1	18	43	2.77	13	37	2	2	22	1	1	44	36	82	1053	0.7	0.02	1.25	0.48	0.01	0.38	-1	-1	-1	
S9622385	338646	RH-22	2550	2	1	1	2G	31	2	3	20	22	3	1	2	1	0.2	3	2	1	1	0.01	1	2	2	2	1	1	6	1	1	1	1	2	0.01	0.01	0.01	0.01	0.01	0.01	-1	-1	-1	
S9622386	338648	RH-22	2700	2	1	1	2G	32	2	2	10	21	1	40	30	203	0.9	24	165	1	12	33	2.61	6	22	2	2	20	1	1	32	21	43	802	0.58	0.02	0.94	0.36	0.01	0.28	-1	-1	-1	
S9622387	338650	RH-22	3000	2	1	1	2G	31	2	3	25	31	1	64	26	184	0.4	41	261	2	18	43	2.36	11	19	2	2	18	1	1	34	23	48	1121	0.45	0.01	0.89	0.37	0.01	0.21	-1	-1	-1	
S9622388	338651	RH-22	3150	2	1	1	3B	32	2	3	25	22	2	89	31	229	0.2	16	325	8	33	103	2.48	13	18	2	2	17	1	1	36	25	44	3246	0.44	0.01	0.87	0.44	0.01	0.2	-1	-1	-1	
S9622389	338652	RH-22	3300	2	1	1	2G	32	1	3	30	22	1	101	30	254	0.6	4	342	4	27	65	2.89	11	25	2	2	20	1	1	44	34	56	1352	0.55	0.01	1.12	0.5	0.01	0.25	-1	-1	-1	
S9622390	338444	JM-40	100	1	3	*	2B	32	1	2	15	3	B	14	22	39	0.4	1	48	1	5	8	1.88	2	10	2	2	15	9	1	7	7	13	308	0.37	0.03	0.99	0.06	0.01	0.18	-1	-1	-1	
S9622391	338445	JM-40	239	1	3	*	2B	32	1	2	10	3	B	32	64	38	0.4	1	61	1	5	5	1.37	4	6	2	2	9	13	1	9	13	18	445	0.17	0.01	0.75	0.07	0.01	0.09	-1	-1	-1	
S9622392	338446	JM-40	300	1	5	*	2B	34	2	2	15	2	B	89	14	237	1.2	57	354	4	9	56	6.03	22	22	2	2	48	5	1	52	38	53	857	0.3	0.01	0.64	0.61	0.04	0.1	-1	-1	-1	
S9622393	338447	JM-40	400	1	5	*	2B	32	2	2	25	2	B	12	5	13	0.7	8	68	1	1	2	1	1	4	2	2	14	1	1	3	3	8	78	0.1	0.01	1.2	0.03	0.04	0.03	-1	-1	-1	
S9622394	338448	JM-40	500	1	5	*	2B	32	2	2	20	2	B	25	13	39	0.8	2	72	1	4	4	2.56	1	7	2	2	28	7	1	4	2	5	235	0.33	0.01	1.08	0.03	0.03	0.09	-1	-1	-1	
S9622395	338449	JM-40	600	1	5	*	2B	32	2	2	25	2	B	24	12	23	0.9	6	80	1	2	4	1.21	2	5	2	2	20	1	1	6	2	7	234	0.07	0.01	0.55	0.02	0.04	0.05	-1	-1	-1	
S9622396	338450	JM-40	700	1	5	*	3B	42	2	2	25	2	B	21	7	27	0.4	6	125	1	3	4	1.28	4	5	2	2	15	2	1	12	4	10	358	0.22	0.01	0.8	0.18	0.04	0.08	-1	-1	-1	
S9622397	338451	JM-40	800	1	5	*	3B	43	2	2	25	1	B	148	62	104	0.8	5	301	1	7	21	3.44	18	15	2	2	25	1	1	55	18	39	447	0.51	0.03	0.91	0.46	0.01	0.09	-1	-1	-1	
S9622398	338452	JM-40	830	2	1	2	2B	34	2	2	10	2	-1	164	84	138	1.2	5	253	1	7	11	3.81	15	7	5	2	20	1	1	59	9	30	506	0.48	0.04	0.93	0.18	0.01	0.14	-1	-1	-1	
S9622399	338453	JM-40	900	1	5	*	2B	32	1	2	15	2	B	182	143	175	1.6	10	142	1	20	29	4.29	11	21	10	2	2	16	1	1	40	17	50	1427	0.65	0.01	1.1	0.15	0.01	0.12	-1	-1	-1
S9622400	338454	JM-40	1000	1	3	*	2B	32	1	2	20	3	B	141	68	125	1.4	14	75	1	8	27	3.08	8	21	2	2	32	1	1	17	7	24	681	0.48	0.01	1.05	0.05	0.01	0.07	-1	-1	-1	
S9622401	338455	JM-40	1100	1	3	*	2B	32	2	2	20	2	B	47	248	132	0.4	7	81	1	9	5	1.09	7	2	10	2	5	1	1	10	9	20	1138	0.55	0.01	1.07	0.17	0.01	0.08	-1	-1	-1	
S9622402	338456	JM-40	1200	1	3	*	BG	32	1	2	25	3	B	48	125	144	0.9	3	118	1	12	14	1.81	7	11	16	2	15	1	1	17	12	29	1044	0.3	0.01	0.9	0.13	0.01	0.13	-1	-1	-1	
S9622403	338457	JM-40	1300	1	3	*	2B	32	1	2	20	3	-1	48	248	132	0.4	7	81	1	9	5	1.09	7	2	10	2	5	1	1	10	9	20	1138	0.55	0.01	1.07	0.17	0.01	0.08	-1	-1	-1	
S9622404	338458	JM-40	1400	1	3	*	2B	42	2	2	23	4	B	54	93	78	0.9	21	44	1	8	11	1.79	2	10	2	2	16	1	1	9	6	13	453	0.23	0.01	0.8	0.12	0.03	0.09	-1	-1	-1	
S9622405	338459	JM-40	1500	1	3</																																							

EXPO

S9622435	339480	0	450	1	*	*	1B 53	1	2	20	4	B	215	84	136	1	12	474	1	5	23	4.05	20	12	2	2	18	10	1	86	14	49	418	0.28	0.01	0.75	0.2	0.01	0.17	-1	-1	-1
S9622436	339481	0	500	1	*	*	2B 32	1	2	20	4	B	157	84	100	1.5	1	878	1	4	18	3.14	18	13	2	2	18	1	1	74	24	57	387	0.17	0.01	0.85	0.35	0.01	0.14	-1	-1	-1
S9622437	341001	0		1	*	*	BR 32	1	2	10	4	B	97	135	132	1.2	1	55	1	11	9	3.56	5	10	2	8	16	1	1	15	8	17	605	0.52	0.02	1.06	0.12	0.01	0.17	-1	-1	-1
S9622438	341003	0	200	1	*	*	1B 32	1	2	0	4	-1	477	218	185	0.2	21	263	2	84	15	2.83	23	8	2	2	13	1	1	14	92	178	2743	0.29	0.01	1.27	0.04	0.01	0.2	-1	-1	-1
S9622439	341004	0	300	1	*	*	1B 32	2	2	15	4	B	32	17	20	2.2	7	25	1	1	3	0.98	3	2	2	2	10	1	1	6	3	7	59	0.04	0.01	0.25	0.02	0.01	0.06	-1	-1	-1
S9622440	341005	0	400	1	*	*	1B 35	1	1	15	4	B	39	31	23	0.5	115	76	1	3	4	2.05	67	5	2	2	16	1	2	16	8	17	105	0.13	0.01	0.76	0.02	0.04	0.06	-1	-1	-1
S9622441	341006	0	500	1	0	*	2B 45	1	2	10	4	B	109	44	73	0.7	1	190	1	14	10	3.15	5	20	2	2	24	2	1	47	12	24	503	0.52	0.01	1.12	0.11	0.01	0.14	-1	-1	-1
S9622442	341007	0	600	1	*	*	RB 43	1	2	10	4	B	53	6	21	0.5	7	84	1	2	4	2.45	2	5	2	2	22	1	1	25	1	9	100	0.14	0.04	0.43	0.02	0.05	0.07	-1	-1	-1
S9622443	341008	0	700	1	*	*	2B 45	2	2	15	4	B	188	2	41	0.6	1	104	1	20	5	4.55	8	5	2	2	32	1	1	67	5	28	585	0.07	0.08	1.41	0.03	0.02	0.27	-1	-1	-1
S9622444	341010	0	925	1	*	*	2B 45	1	2	10	3	B	30	5	5	0.4	1	33	1	1	2	0.63	1	2	2	2	6	1	2	13	3	13	22	0.03	0.01	0.5	0.01	0.01	0.04	-1	-1	-1
S9622445	341011	0	1000	1	*	*	RB 45	1	1	10	3	B	73	17	21	0.4	1	62	1	1	3	3.88	4	7	2	5	29	8	2	44	1	24	78	0.09	0.02	0.85	0.01	0.01	0.08	-1	-1	-1
S9622446	341012	0	1100	1	*	*	BR 43	1	1	15	43	B	35	7	7	0.5	7	41	1	1	3	1.4	1	4	2	2	11	11	3	29	1	13	27	0.08	0.01	0.41	0.01	0.01	0.05	-1	-1	-1
S9622447	341013	0	1225	1	*	*	BG 45	1	2	20	3	B	42	5	9	0.2	1	29	1	1	2	0.9	4	2	2	2	14	4	1	11	1	7	12	0.01	0.01	0.37	0.01	0.04	0.03	-1	-1	-1
S9622448	341014	0	1300	1	*	*	1G 45	1	2	5	3	B	13	6	4	0.2	1	35	1	1	1	0.44	1	2	2	2	12	1	1	10	1	7	9	0.01	0.01	0.63	0.01	0.01	0.02	-1	-1	-1
S9622449	341015 MW-39	1400	1	3	*	*	R 32	1	2	0	4	C	128	6	10	1.2	1	105	1	1	3	9.68	8	5	9	2	15	1	1	112	1	29	26	0.02	0.02	0.47	0.01	0.04	0.14	-1	-1	-1
S9622450	341016 MW-39	1500	1	2	*	*	RB 45	1	2	15	4	B	108	14	39	1.9	22	82	1	3	6	3.87	2	10	5	2	28	3	1	41	3	21	138	0.3	0.02	1.11	0.01	0.01	0.07	-1	-1	-1
S9622451	341017 MW-39	1600	1	*	*	*	BR 43	1	2	15	4	B	123	5	38	1	1	89	1	4	7	3.1	2	7	2	2	28	3	1	32	3	13	183	0.41	0.02	1.06	0.02	0.01	0.09	-1	-1	-1
S9622452	341018 MW-39	1700	1	*	*	*	2B 43	1	2	15	4	B	35	5	10	0.4	1	53	1	1	2	1.38	1	4	2	2	26	1	1	14	1	7	29	0.03	0.01	0.53	0.01	0.01	0.04	-1	-1	-1
S9622453	341019 MW-39	1800	1	*	*	*	1B 34	1	2	15	4	B	23	5	10	0.4	1	50	1	1	2	1.06	1	2	2	2	21	4	1	11	1	6	38	0.08	0.02	0.55	0.01	0.01	0.04	-1	-1	-1
S9622454	341020 MW-39	1900	1	*	*	*	BR 45	1	2	20	4	B	16	8	11	0.6	1	46	1	1	1	1.35	4	4	2	2	18	4	1	9	1	9	46	0.09	0.01	0.6	0.01	0.01	0.04	-1	-1	-1
S9622455	341021 MW-39	2000	1	*	*	*	1G 43	1	2	25	4	B	11	8	7	0.6	1	48	1	1	2	0.65	1	2	2	6	13	14	1	7	1	5	22	0.04	0.01	0.48	0.02	0.04	0.04	-1	-1	-1
S9622456	341022 MW-39	2125	1	*	*	*	GB 32	1	2	15	4	B	27	10	21	0.5	1	63	1	2	4	1.39	1	5	2	2	19	1	1	12	2	11	84	0.17	0.02	0.84	0.02	0.01	0.07	-1	-1	-1
S9622457	341023 MW-39	2200	1	*	*	*	1B 43	1	2	20	4	B	12	13	13	0.2	1	40	1	1	4	0.82	1	4	2	2	15	1	1	5	1	6	39	0.04	0.01	0.62	0.01	0.01	0.03	-1	-1	-1
S9622458	341024 MW-39	2300	1	*	*	*	GB 32	1	2	15	4	B	19	17	20	0.4	1	53	1	1	3	0.92	1	4	2	2	13	1	4	6	3	7	58	0.05	0.01	0.67	0.03	0.01	0.07	-1	-1	-1
S9622459	341025 MW-39	2400	1	*	*	*	BY 32	1	2	20	4	B	40	22	30	0.5	1	36	1	2	3	1.45	3	4	2	2	20	1	3	9	2	9	71	0.1	0.02	0.49	0.01	0.01	0.08	-1	-1	-1
S9622460	341026 MW-39	2520	1	*	*	*	1B 45	1	1	15	4	B	18	22	29	0.2	4	47	1	1	4	1.34	1	6	2	2	18	1	1	9	1	9	112	0.21	0.01	0.79	0.02	0.01	0.05	-1	-1	-1
S9622461	341027 MW-39	2600	1	*	*	*	1G 43	1	1	25	4	B	3	2	4	0.2	1	34	1	1	1	0.15	1	2	2	2	2	4	1	2	1	1	7	0.01	0.01	0.28	0.01	0.01	0.03	-1	-1	-1
S9622462	341028 MW-39	2700	1	*	*	*	1B 32	1	2	20	4	B	25	33	85	0.5	9	92	1	4	8	2.31	2	9	2	10	29	1	1	12	5	8	254	0.21	0.03	0.67	0.16	0.01	0.1	-1	-1	-1
S9622463	341029 MW-39	2800	1	3	*	*	2B 32	1	2	10	4	B	82	150	96	1.3	6	410	1	1	10	3.85	8	5	7	2	8	1	1	105	4	57	58	0.05	0.01	0.36	0.01	0.02	0.25	-1	-1	-1
S9622464	341030 MW-39	2900	1	2	*	*	1B 34	1	2	10	4	C	24	55	124	0.7	3	75	1	12	12	3.35	4	19	2	5	25	1	3	20	6	24	710	1.06	0.05	1.71	0.23	0.01	0.59	-1	-1	-1
S9622465	341031 MW-39	3000	1	2	*	*	1G 5	2	3	20	4	B	40	84	132	0.7	15	201	1	10	13	3.04	4	14	2	2	18	1	1	89	14	47	1152	0.81	0.02	1.19	0.43	0.01	0.51	-1	-1	-1
S9622466	341032 MW-39	3100	2	1	1	1	GB 32	1	*	0	54	2	128	81	264	1.1	33	260	3	22	32	2.85	10	17	2	2	19	2	1	66	33	65	1322	0.63	0.01	1.1	0.81	0.01	0.22	-1	-1	-1
S9622467	341033 MW-39	3200	1	2	*	*	1G 34	1	2	20	4	B	12	17	13	0.6	1	51	1	1	3	0.58	4	4	2	2	11	1	1	5	1	6	50	0.05	0.01	0.5	0.02	0.01	0.07	-1	-1	-1
S9622468	341034 MW-39	3300	1	*	*	*	1B 32	1	2	15	4	B	42	38	37	1	1	83	1	3	8	2.07	7	11	9	5	20	1	1	9	2	12	193	0.26	0.03	0.86	0.02	0.01	0.12	-1	-1	-1
S9622469	341036 MW-39	3500	1	*	*	*	1B 34	1	2	10	4	B	73	49	51	0.5	10	55	1	3	12	2.38	16	15	2	2	23	7	1	13	2	15	212	0.36	0.02	0.76	0.02	0.01	0.1	-1	-1	-1
S9622489	339442	-800	-50	1	2	1	K 45	3	2	35	35	A	92	58	147	2	20	325	1	6	9	1.87	11	7	2	2	7	1	6	147	64	112	250	0.28	0.01	1.39	1.63	0.01	0.08	-1	-1	-1
S9622490	339443	-800	-100	1	2	1	2B 53	1	3	15	3	B	35	69	140	0.7	5	287	1	4	7	2.59	5	12	2	2	15	1	12	31	7	20	289	0.47	0.01	1	0.28	0.01	0.14	-1	-1	-1
S9622491	339444	-800	-150	1	2	1	1B 53	1	2	20	3	B	458	97	267	1	4	187	1	4	18	2.6	18	11	2	2	15	1	6	16	74	84	308	0.44	0.01	1.67	0.14	0.01	0.13	-1	-1	-1
S9622492	339445	-800	-200	1	2	1	1B 34	1	2	10	3	B	138	62	95	0.2	30	73	1	23	10	2.8	8	10	5	5	18	1	12	8	7	16	863	0.36	0.01	1.22	0.08	0.02	0.14	-1	-1	-1
S9622493	339446	-800	-250	1	2	1	2B 32	2	1	10	4	B	84	49	46	0.7	6	44	1	5	7	2.74	5	9	2	2	17	1	10													

S9622521	339475	-500	350	1	2	*	1B 32	1	2	10	3	-1	185	46	68	0.7	12	82	1	7	9	2.98	11	12	2	2	21	1	9	19	7	22	434	0.34	0.01	1.1	0.03	0.01	0.08	-1	-1	-1
S9622522	339476	-500	300	1	2	*	2B 35	1	2	15	3	8	106	31	35	0.6	1	100	1	1	7	2.11	8	9	2	8	19	1	6	15	6	15	88	0.17	0.01	0.82	0.07	0.03	0.05	-1	-1	-1
S9622523	339477	-500	250	1	2	*	2B 35	1	2	15	3	8	194	71	82	0.7	12	97	1	5	12	2.96	12	13	2	2	23	1	7	27	9	25	305	0.39	0.02	1.03	0.1	0.01	0.1	-1	-1	-1
S9622524	339478	-500	200	1	2	*	2B 52	1	2	15	3	8	121	324	33	1.3	1	73	1	2	6	1.43	11	7	2	11	10	2	5	8	17	40	85	0.12	0.01	1.05	0.09	0.04	0.03	-1	-1	-1
S9622525	339479	-500	150	1	2	*	1B 52	1	2	15	3	8	105	11	64	0.5	1	148	1	1	2	5.88	6	8	2	8	36	1	11	33	5	13	257	0.88	0.12	1.06	0.11	0.01	0.07	-1	-1	-1
S9622526	339480	-500	100	1	2	*	2B 54	1	2	15	3	8	176	78	118	0.4	6	87	1	12	13	2.15	8	12	2	14	14	4	7	12	21	48	404	0.29	0.01	1.37	0.1	0.04	0.12	-1	-1	-1
S9622527	339481	-500	50	1	3	*	2B 32	1	2	15	3	-1	190	77	58	0.6	8	65	1	3	8	3.21	32	12	2	9	23	1	6	12	6	17	187	0.38	0.03	0.95	0.05	0.01	0.08	-1	-1	-1
S9622528	339482	-400	50	1	2	*	2B 45	1	2	20	2	8	218	14	2	1	1	5	1	1	1	0.21	6	2	2	5	2	1	8	2	19	18	8	0.02	0.01	0.89	0.02	0.03	0.01	-1	-1	-1
S9622529	339483	-400	100	1	2	*	RB 42	1	2	15	3	8	160	59	58	0.9	14	58	1	2	5	3.73	34	9	2	2	22	1	8	8	5	14	112	0.25	0.02	0.84	0.03	0.01	0.03	-1	-1	-1
S9622530	339484	-400	150	1	2	*	2B 42	1	2	10	3	8	238	218	62	0.4	1	103	1	14	5	5.88	22	12	2	14	30	5	7	19	20	40	1176	0.31	0.03	1.51	0.1	0.04	0.06	-1	-1	-1
S9622531	339485	-400	200	1	2	*	2B 54	1	2	20	3	8	181	282	194	0.5	9	208	1	13	23	3.37	16	22	2	5	20	1	6	30	24	52	850	0.47	0.01	1.54	0.25	0.03	0.15	-1	-1	-1
S9622532	339486	-400	250	1	2	*	2B 54	1	2	20	3	8	81	103	160	0.2	14	214	1	8	23	2.95	11	25	2	2	22	11	7	26	16	45	860	0.53	0.01	1.61	0.19	0.01	0.21	-1	-1	-1
S9622621	339390	MW34	2300	2	1	1	1B 43	2	*	5	12	2	141	30	272	2.6	38	35	4	59	54	1.74	22	7	2	54	1	1	1	3	36	13	2781	0.04	0.01	14.4	0.04	0.04	0.01	-1	-1	-1
S9622622	339361	MW34	2400	2	1	1	1B 34	2	*	10	12	2	147	43	404	3.1	69	93	2	20	40	2.68	20	10	2	35	2	14	1	9	78	33	918	0.07	0.01	12.8	0.1	0.03	0.01	-1	-1	-1
S9622623	339362	MW34	2500	2	1	1	1B 43	1	*	20	22	2	144	89	742	2.3	81	243	6	46	99	3.65	18	15	11	13	13	1	1	18	108	76	2126	0.15	0.01	5.3	0.22	0.03	0.03	-1	-1	-1
S9622624	339363	MW34	2600	2	1	1	1B 34	2	*	30	22	3	243	40	595	2.5	39	90	10	152	120	1.82	29	10	2	43	1	1	1	8	79	34	6827	0.06	0.01	14	0.06	0.04	0.01	-1	-1	-1
S9622625	339364	MW34	2700	2	1	1	2B 34	2	*	15	22	2	293	49	1050	2.6	60	126	18	165	193	2.17	33	12	2	2	2	1	1	9	145	84	8167	0.09	0.01	12.7	0.11	0.03	0.01	-1	-1	-1
S9622626	339365	MW34	2800	2	1	1	3B 32	3	*	20	22	2	625	53	2639	3	68	180	35	384	507	2.12	42	11	2	2	3	12	1	9	233	103	20484	0.08	0.01	11.2	0.09	0.03	0.02	-1	-1	-1
S9622627	339366	MW34	2900	2	1	1	2B 34	2	*	10	22	3	550	53	1746	2.7	46	119	22	364	348	2.03	42	11	7	2	2	2	1	7	156	67	16973	0.07	0.01	11.5	0.07	0.03	0.02	-1	-1	-1
S9622628	339367	MW34	3000	2	1	1	1B 34	2	*	5	22	2	198	39	750	2.8	73	148	7	78	130	3.2	26	25	17	14	19	1	1	23	153	91	3269	0.27	0.01	6.1	0.28	0.03	0.02	-1	-1	-1
S9622629	339368	MW34	3100	2	1	1	2B 34	2	*	15	22	2	378	38	1417	2.7	66	131	21	247	265	2.69	33	19	2	2	12	1	1	13	186	98	12037	0.18	0.01	7.69	0.15	0.03	0.02	-1	-1	-1
S9622650	339389	-1500	50	1	2	*	2B 32	1	2	10	4	8	55	12	304	0.8	31	235	2	5	70	1.93	11	13	2	2	69	1	1	13	7	10	208	0.04	0.01	0.29	0.14	0.04	0.04	-1	-1	-1
S9622651	339390	-1500	100	1	2	*	RB 32	1	2	15	4	8	159	33	1302	13.9	281	305	14	36	165	5.3	47	46	8	32	327	5	1	29	63	20	2199	0.16	0.01	1.06	0.38	0.04	0.06	-1	-1	-1
S9622652	339391	-1500	150	1	2	*	2B 32	1	2	10	4	8	87	17	587	1.5	87	139	3	5	99	2.35	39	13	2	17	123	7	1	12	15	9	198	0.06	0.01	0.33	0.16	0.04	0.02	-1	-1	-1
S9622653	339392	-1500	200	1	2	*	2B 32	1	2	10	4	8	82	9	454	2.1	254	153	5	15	127	4.83	15	19	2	5	36	1	1	22	13	12	431	0.04	0.01	0.17	0.13	0.01	0.03	-1	-1	-1
S9622654	339393	-1500	250	1	2	*	2B 32	1	2	10	4	8	85	19	290	3.7	186	61	2	4	76	1.37	22	8	6	51	37	1	1	14	13	17	165	0.06	0.01	0.33	0.11	0.03	0.01	-1	-1	-1
S9622655	339394	-1500	300	1	2	*	GB 32	1	2	10	4	8	123	22	569	2.5	221	736	5	15	162	3.92	28	22	2	31	67	1	1	36	17	14	495	0.09	0.01	0.39	0.16	0.01	0.01	-1	-1	-1
S9622656	339395	-1500	350	1	2	*	2B 32	1	2	20	4	8	20	9	72	1.1	8	117	1	1	17	0.8	4	4	2	2	15	1	1	10	1	5	28	0.01	0.01	0.23	0.01	0.04	0.02	-1	-1	-1
S9622657	339396	-1500	400	1	2	*	2B 32	1	2	20	4	8	180	233	489	7.8	216	268	3	5	86	2.73	22	13	11	15	39	23	1	41	11	11	366	0.03	0.01	0.31	0.17	0.03	0.02	-1	-1	-1
S9622658	339397	-1500	450	1	2	*	2B 32	1	2	20	4	8	97	163	401	4.2	77	241	2	6	75	3.25	15	14	2	2	29	1	1	59	6	11	295	0.15	0.01	0.39	0.06	0.01	0.05	-1	-1	-1
S9622659	339398	-1500	500	1	2	*	GB 32	1	2	25	3	8	117	107	439	4.9	112	637	3	7	77	2.35	13	34	9	13	54	3	1	44	12	11	844	0.45	0.01	0.65	0.53	0.03	0.03	-1	-1	-1
S9622660	339399	-1300	500	1	2	*	2B 52	1	2	20	3	8	159	199	986	9.5	58	2331	7	10	132	3.17	22	65	9	14	94	1	1	43	38	16	611	0.88	0.01	1.26	0.55	0.03	0.05	-1	-1	-1
S9622661	339400	-1300	450	1	2	*	2B 52	1	2	20	4	8	208	320	2118	8	222	1084	13	16	211	4.95	50	31	2	23	149	1	1	59	24	14	1288	0.28	0.01	0.46	0.81	0.01	0.02	-1	-1	-1
S9622662	339401	-1300	400	1	2	*	BR 32	1	2	10	4	8	91	91	611	3.2	81	204	1	16	175	4.16	5	20	2	2	26	1	1	30	9	24	320	0.02	0.01	0.34	0.03	0.01	0.04	-1	-1	-1
S9622663	339402	-1300	350	1	2	*	GB 52	1	2	15	4	8	34	4	165	0.2	23	160	1	3	40	1.12	8	6	8	8	28	4	1	9	4	4	63	0.03	0.01	0.13	0.12	0.06	0.02	-1	-1	-1
S9622664	339403	-1300	300	1	2	*	2B 32	1	2	10	4	8	63	9	228	3.6	49	80	1	4	79	1.9	15	13	2	2	53	2	1	13	13	13	84	0.03	0.01	0.28	0.03	0.04	0.01	-1	-1	-1
S9622665	339404	-1300	250	1	2	*	2B 35	1	2	20	4	8	144	24	620	1.6	200	1041	4	10	160	3.79	30	22	2	8	107	5	1	34	21	22	278	0.16	0.01	0.4	0.19	0.03	0.06	-1	-1	-1
S9622666	339405	-1300	200	1	2	*	2B 32	1	2	15	4	8	179	21	681	2.6	224	372	3	19	178	4.21	32	28	2	17	87	3	1	59	24	24	803	0.28	0.01	0.81	0.49	0.01	0.06	-1	-1	-1
S9622667	339406	-1300	150	1	2	*	1B 54	2	2	26	4	8	135																													

EXPO

S9622696	340564	JM35	1101	2	1	1	GB	23	1	3	5	5	1	243	85	185	3.7	19	183	1	6	17	3.45	18	9	2	2	11	9	1	13	36	40	311	0.26	0.01	1.31	0.14	0.01	0.12	-1	-1	-1
S9622697	340565	JM35	1200	2	1	1	RB	23	1	3	10	22	3	388	104	169	1.6	24	131	1	14	21	3.86	16	13	8	2	9	9	1	11	30	27	711	0.25	0.01	2.85	0.1	0.01	0.1	-1	-1	-1
S9622698	340566	JM35	1240	2	1	1	2B	32	1	3	15	12	2	880	87	422	0.2	21	129	2	35	24	2.77	24	11	2	2	6	1	1	19	118	94	1441	0.25	0.01	4.32	0.18	0.01	0.13	-1	-1	-1
S9622699	340567	JM35	1300	2	1	1	RB	23	1	3	10	12	2	753	96	234	0.2	13	76	1	32	22	4.19	37	18	2	2	1	1	1	8	97	53	1471	0.16	0.01	9.45	0.08	0.01	0.08	-1	-1	-1
S9622700	340568	JM35	1400	2	1	1	RB	23	1	3	10	22	3	989	101	266	0.2	14	80	2	52	29	3.17	37	15	6	2	1	1	1	8	113	57	2333	0.17	0.01	9.7	0.09	0.01	0.08	-1	-1	-1
S9622701	340569	JM35	1488	2	1	1	2B	32	1	3	5	12	1	367	93	446	2.5	77	180	2	13	35	2.49	15	24	2	2	11	17	1	54	182	279	758	0.22	0.01	1.84	0.56	0.03	0.1	-1	-1	-1
S9622702	340570	JM35	1500	2	1	1	BG	23	1	3	15	22	3	834	69	277	0.2	36	46	3	43	23	2.2	29	11	2	2	1	1	3	7	178	138	1863	0.11	0.01	9.12	0.08	0.02	0.05	-1	-1	-1
S9622703	340571	JM35	1600	2	1	1	2B	32	1	3	10	22	3	1775	90	492	2.7	51	71	5	81	42	2.07	36	11	2	2	1	1	1	8	351	232	3419	0.11	0.01	10.2	0.1	0.04	0.05	-1	-1	-1
S9622704	340572	JM35	1700	2	1	1	2B	32	1	3	15	22	3	1132	77	337	2.7	38	47	3	50	28	2.36	27	12	8	2	1	4	2	6	207	154	2045	0.1	0.01	10.9	0.07	0.03	0.05	-1	-1	-1
S9622705	340573	JM35	1800	2	1	1	BG	23	1	3	10	2	3	1323	98	462	2.1	40	82	5	109	51	2.52	29	10	2	2	3	1	1	11	113	121	4624	0.2	0.01	6.32	0.11	0.03	0.1	-1	-1	-1
S9622706	340574	JM35	1900	2	1	1	2B	32	1	3	20	2	3	1507	86	515	2.6	22	81	4	85	38	2.2	35	12	2	2	1	8	1	10	281	204	2588	0.13	0.01	10.7	0.1	0.03	0.07	-1	-1	-1
S9622707	340575	JM35	2000	2	1	1	BG	23	1	3	15	22	2	1420	84	519	1.5	31	94	5	113	52	2.43	30	8	2	2	5	1	1	12	141	141	5113	0.18	0.01	4.62	0.12	0.01	0.09	-1	-1	-1
S9622708	340576	JM35	2036	2	1	1	2B	32	2	3	5	1	1	1259	92	435	2.6	24	182	3	61	39	2.63	30	11	9	2	4	5	13	21	183	183	2531	0.19	0.01	6.22	0.2	0.03	0.1	-1	-1	-1
S9622709	340577	JM35	2100	2	1	1	2B	32	1	3	10	22	3	852	83	353	1.2	24	69	2	70	31	2.37	20	8	8	2	6	12	1	9	82	96	2661	0.2	0.01	3.5	0.1	0.01	0.08	-1	-1	-1
S9622710	340578	JM35	2200	2	1	1	2B	32	1	3	5	23	3	1054	84	391	1.5	18	84	4	92	42	2.34	23	9	2	2	6	9	1	10	91	105	3822	0.21	0.01	4.3	0.11	0.03	0.1	-1	-1	-1
S9622711	340579	JM35	2300	2	1	1	2B	32	1	3	20	23	3	1086	76	395	2.4	21	77	3	86	37	2.03	26	9	6	6	2	1	2	10	119	118	3319	0.16	0.01	7.3	0.1	0.03	0.07	-1	-1	-1
S9622712	340580	JM35	2400	2	1	1	2B	32	1	3	5	22	3	750	69	344	1.4	23	65	2	59	34	2.21	19	8	9	2	6	1	1	9	73	93	2126	0.18	0.01	3.74	0.1	0.01	0.09	-1	-1	-1
S9622713	340581	JM35	2500	2	1	1	2B	32	1	3	15	22	3	719	75	356	2	21	88	2	48	30	2.14	17	10	5	2	5	1	4	11	85	106	1803	0.18	0.01	5.31	0.11	0.03	0.09	-1	-1	-1
S9622714	340582	JM35	2525	2	1	1	2G	32	1	3	10	32	2	24	23	94	0.2	2	70	1	7	9	1.37	1	7	2	2	9	1	2	13	7	61	448	0.31	0.01	0.61	0.23	0.03	0.12	-1	-1	-1
S9622715	340583	JM35	2600	2	1	1	BG	32	1	3	20	22	3	155	23	131	0.2	21	42	1	15	10	1.32	5	6	2	2	9	1	5	7	27	72	630	0.25	0.01	0.93	0.13	0.01	0.09	-1	-1	-1
S9622716	340584	JM35	2700	2	1	1	2B	32	1	3	10	22	3	420	30	337	0.2	28	62	3	36	21	1.42	9	7	2	2	9	1	1	12	82	128	1320	0.28	0.01	1.46	0.2	0.01	0.1	-1	-1	-1
S9622717	340585	JM35	2800	2	1	1	BG	32	1	3	20	22	3	162	35	175	0.6	20	98	1	14	13	1.78	8	10	2	2	12	1	3	23	33	80	528	0.35	0.01	1.34	0.32	0.04	0.15	-1	-1	-1
S9622718	340586	JM35	2900	2	1	1	2G	32	1	3	20	22	3	284	43	276	0.2	30	59	1	28	18	1.61	11	7	2	2	9	1	1	10	37	89	997	0.27	0.01	0.93	0.17	0.01	0.11	-1	-1	-1
S9622719	340587	JM35	3000	2	1	1	2G	32	1	3	15	22	3	810	43	701	1.2	58	103	5	55	41	1.61	18	9	5	2	10	1	1	24	171	217	2185	0.3	0.01	2.67	0.39	0.02	0.14	-1	-1	-1
S9622720	340588	JM35	3100	2	1	1	BG	32	1	3	15	23	3	356	37	395	0.2	36	68	2	30	24	1.47	11	6	2	2	10	1	1	13	66	110	1094	0.28	0.01	1.31	0.22	0.01	0.11	-1	-1	-1
S9622721	340622	JM37	150	2	1	1	RB	32	1	3	5	13	2	491	213	1155	5.9	36	144	7	74	216	11.74	17	68	2	6	38	1	1	17	31	55	1784	0.39	0.01	1.17	0.2	0.03	0.03	-1	-1	-1
S9622722	340623	JM37	300	2	1	1	BR	32	1	3	5	13	2	723	260	1282	9.1	80	175	8	69	235	9.29	24	80	6	2	41	1	1	21	37	55	2049	0.4	0.01	2.18	0.2	0.01	0.04	-1	-1	-1
S9622723	340624	JM37	450	2	1	1	GR	23	1	3	5	12	1	742	261	1355	7.3	42	186	10	61	254	7.2	23	71	2	2	41	1	1	25	43	56	2068	0.4	0.01	2.09	0.24	0.01	0.03	-1	-1	-1
S9622724	340625	JM37	600	2	1	1	BR	32	1	3	10	12	1	808	249	1312	8.3	51	162	9	53	235	8.91	19	82	2	2	36	1	1	19	54	57	2668	0.41	0.01	2.89	0.19	0.01	0.03	-1	-1	-1
S9622725	340626	JM37	750	2	1	1	BR	32	2	2	5	1	-1	871	239	1173	6.5	74	206	8	49	202	8.14	21	72	8	2	36	1	1	21	79	61	1514	0.35	0.01	2.79	0.2	0.04	0.03	-1	-1	-1
S9622726	340627	JM37	900	2	1	2	BR	32	1	2	5	1	-1	986	195	1446	3.8	61	186	13	55	226	6.44	14	57	2	2	36	3	1	22	108	65	1769	0.34	0.01	2.24	0.26	0.01	0.03	-1	-1	-1
S9622727	340628	JM37	1050	2	1	1	2B	32	1	3	10	1	2	961	177	4403	2.3	61	365	45	83	553	5.74	18	53	2	2	55	1	1	36	119	73	4028	0.49	0.02	1.59	0.46	0.01	0.09	-1	-1	-1
S9622728	340629	JM37	1200	2	1	1	BG	32	1	3	10	12	1	1250	181	6062	2.7	66	276	64	107	677	5.61	19	52	9	2	46	1	1	32	155	78	5515	0.42	0.01	1.89	0.44	0.01	0.06	-1	-1	-1
S9622729	340630	JM37	1350	2	1	1	2B	32	1	3	5	1	1	1129	158	6011	2.7	82	321	63	111	689	5.96	19	54	7	2	43	1	1	38	141	76	5854	0.45	0.01	1.86	0.45	0.01	0.08	-1	-1	-1
S9622730	340631	JM37	1500	2	1	2	2B	32	1	2	5	12	-1	963	156	7104	2.2	88	295	69	99	775	5.51	16	49	2	2	43	1	1	35	117	72	5592	0.42	0.01	1.48	0.44	0.01	0.06	-1	-1	-1
S9622731	340632	JM37	1650	2	1	4	2B	32	2	3	5	2	-1	625	163	2649	2.6	79	266	62	145	570	5.64	18	43	2	2	38	1	1	30	70	64	9020	0.33	0.01	1.09	0.39	0.03	0.04	-1	-1	-1
S9622732	340634	JM37	2	2	1	2	BG	32	1	2	5	1	-1	85	58	696	1.4	76	245	8	18	101	3.49	17	12	2	2	25	1	1	26	10	51	667	0.15	0.01	0.24	0.33	0.01	0.02	-1	-1	-1
S9622733	340635	JM37	150	2	1	1	GB	23	1	3	10	1	1	83	59	723	1.1	92	256</																								

EXPO

S9622763	340685	-100	-450	1	3	*	2B 32	1	2	15	4	C	30	108	84	0.7	29	121	1	7	10	1.83	5	9	2	2	9	5	4	24	18	86	612	0.24	0.01	0.76	0.25	0.01	0.2	-1	-1	-1	
S9622764	340686	-100	-400	1	3	*	2B 32	1	2	15	3	C	26	75	82	0.2	25	82	1	7	11	1.82	6	11	2	2	9	1	2	22	15	79	538	0.33	0.01	0.78	0.24	0.01	0.17	-1	-1	-1	
S9622765	340687	-100	-350	1	5	*	2B 35	2	2	25	2	B2	135	144	242	1	35	355	1	9	36	3.81	18	17	2	2	23	1	1	63	20	89	863	0.25	0.01	0.7	0.2	0.01	0.13	-1	-1	-1	
S9622766	340688	-100	-300	1	3	*	2B 32	2	2	25	3	B2	64	89	100	0.4	13	378	1	4	16	1.98	10	12	9	2	16	1	1	24	12	68	458	0.11	0.01	0.75	0.1	0.04	0.08	-1	-1	-1	
S9622767	340689	-100	-250	1	3	*	2B 32	2	2	10	3	C	147	218	297	2	11	152	1	11	22	2.83	5	9	2	2	6	2	1	27	10	77	730	0.17	0.01	0.63	0.1	0.04	0.15	-1	-1	-1	
S9622768	340670	-100	-200	1	3	*	2B 32	2	2	20	3	C	157	228	235	0.7	23	198	1	15	20	2.61	11	9	5	5	7	1	3	22	24	88	1140	0.28	0.01	0.6	0.09	0.01	0.11	-1	-1	-1	
S9622769	340671	-100	-150	1	3	*	2B 32	1	2	15	4	C	179	242	221	1.4	6	263	1	9	25	3.89	16	12	6	2	18	4	3	35	15	76	750	0.27	0.01	0.59	0.09	0.01	0.13	-1	-1	-1	
S9622770	340672	-100	-100	1	5	*	2B 34	2	2	25	2	B2	150	192	177	1.2	5	205	1	7	17	4.01	10	7	2	2	12	1	1	30	9	66	709	0.13	0.01	0.42	0.15	0.01	0.12	-1	-1	-1	
S9622771	340673	-100	-50	1	5	*	2B 43	2	2	20	2	B2	91	44	35	0.4	11	42	1	1	5	6.3	8	10	9	2	30	1	4	5	51	72	0.07	0.04	0.82	0.02	0.03	0.03	-1	-1	-1		
S9622772	340674	-200	-50	1	5	*	2B 32	1	2	15	2	C	156	97	24	0.5	1	21	1	1	3	2.61	21	6	11	2	12	6	2	2	2	44	117	0.19	0.01	0.56	0.04	0.01	0.02	-1	-1	-1	
S9622773	340675	-200	-100	1	3	*	2B 32	1	2	15	2	C	152	38	29	1.3	1	41	1	1	8	4.15	13	11	2	2	22	1	2	9	5	53	107	0.29	0.05	0.88	0.04	0.03	0.05	-1	-1	-1	
S9622774	340676	-200	-150	1	3	*	2B 32	1	2	10	4	C	144	21	27	0.7	5	41	1	3	10	5.6	12	13	2	2	32	1	3	14	4	51	108	0.29	0.06	0.79	0.04	0.01	0.03	-1	-1	-1	
S9622775	340677	-200	-200	1	3	*	2B 32	1	2	15	3	C	124	36	26	0.7	11	43	1	1	7	4.45	8	11	2	2	24	1	2	10	3	53	93	0.21	0.03	0.71	0.07	0.03	0.04	-1	-1	-1	
S9622776	340678	-200	-250	1	3	*	2B 32	1	2	20	3	B2	43	46	24	0.2	2	86	1	1	4	2.1	9	7	2	2	17	1	3	19	5	60	74	0.08	0.01	0.64	0.13	0.03	0.05	-1	-1	-1	
S9622777	340679	-200	-300	1	2	*	2B 35	1	2	20	2	B2	25	66	79	0.2	30	114	1	5	8	1.81	4	9	9	2	9	1	1	27	11	75	619	0.23	0.01	1.12	0.27	0.01	0.17	-1	-1	-1	
S9622778	340680	-200	-350	1	3	*	2B 32	1	2	20	3	B2	21	54	98	0.2	1	86	1	4	11	1.91	5	12	5	2	9	1	1	8	11	79	349	0.36	0.01	1.2	0.05	0.03	0.21	-1	-1	-1	
S9622779	340681	-200	-400	1	3	*	2B 32	1	2	20	3	C	23	69	103	0.2	17	82	1	6	12	1.91	6	12	7	2	9	1	2	24	17	87	522	0.41	0.01	0.9	0.24	0.01	0.2	-1	-1	-1	
S9622780	340682	-200	-450	1	2	*	2B 32	1	2	20	4	B2	24	67	109	0.2	15	83	1	6	13	1.99	6	13	9	2	10	1	2	27	15	79	585	0.44	0.01	0.92	0.29	0.01	0.21	-1	-1	-1	
S9622781	340683	-200	-500	1	3	*	2B 32	1	2	20	3	B2	27	92	134	0.7	21	82	1	7	13	2.02	7	15	2	2	11	1	1	29	18	47	743	0.54	0.01	1.11	0.27	0.01	0.21	-1	-1	-1	
S9622782	340684	-300	500	1	3	*	2B 32	2	2	30	3	B2	53	64	86	0.4	12	97	1	6	17	2.22	7	16	5	2	13	1	1	19	12	28	490	0.29	0.01	1	0.15	0.03	0.19	-1	-1	-1	
S9622783	340685	-300	450	1	2	*	2B 32	2	2	25	4	B2	30	78	113	0.2	14	107	1	7	17	2.17	7	20	2	6	15	1	1	20	15	39	649	0.47	0.01	1.22	0.17	0.01	0.19	-1	-1	-1	
S9622784	340686	-300	400	1	2	*	2B 45	2	2	25	4	B2	24	82	109	0.2	28	93	1	7	18	2.15	5	18	6	2	14	1	1	31	16	43	568	0.65	0.01	1.31	0.27	0.01	0.21	-1	-1	-1	
S9622785	340687	-300	350	1	3	*	2B 32	1	2	15	3	C	34	81	109	0.2	19	84	1	8	10	1.68	4	10	12	2	10	1	2	14	12	28	447	0.34	0.01	0.83	0.12	0.01	0.16	-1	-1	-1	
S9622786	340688	-300	300	1	2	*	3B 43	3	2	35	2	B1	25	72	51	0.2	31	339	1	4	7	1.22	9	5	2	2	5	1	1	74	43	132	623	0.12	0.01	0.83	0.74	0.03	0.14	-1	-1	-1	
S9622787	340690	-300	250	1	2	*	2B 42	2	2	20	3	B2	105	14	18	0.8	27	20	1	1	2	5.51	11	4	7	10	24	1	1	5	1	5	79	0.17	0.17	0.6	0.03	0.02	0.02	-1	-1	-1	
S9622788	340691	-300	200	1	2	*	2B 32	2	2	25	2	B2	213	42	32	0.9	64	36	1	1	5	7.51	19	6	12	8	25	1	1	12	5	10	92	0.15	0.04	0.58	0.1	0.03	0.03	-1	-1	-1	
S9622789	340699	-300	150	1	3	*	2B 32	1	2	10	4	C	146	31	27	0.4	13	31	1	3	5	3.73	11	8	6	15	41	2	1	9	2	9	71	0.07	0.03	0.68	0.02	0.03	0.01	-1	-1	-1	
S9622790	340692	-300	100	1	3	*	2B 32	1	2	15	2	C	63	9	12	0.8	1	30	1	1	4	2.99	7	4	6	8	19	1	1	8	2	6	49	0.16	0.1	0.54	0.05	0.01	0.03	-1	-1	-1	
S9622791	340693	-300	50	1	5	*	2B 32	2	2	20	2	B2	22	17	15	0.2	1	37	1	1	1	0.88	94	2	17	2	17	1	1	2	1	4	22	0.02	0.01	0.36	0.01	0.03	0.01	-1	-1	-1	
S9622792	340694	JM-39		1	5	*	2B 32	2	2	20	2	B2	185	90	197	0.4	7	244	2	13	19	2.89	12	11	19	2	13	1	1	40	17	31	659	0.28	0.01	0.68	0.25	0.01	0.12	-1	-1	-1	
S9622793	340695	JM-39	100	1	5	*	2G 32	1	2	20	3	B2	23	20	20	0.8	1	95	1	1	1	0.52	1	2	2	8	6	1	1	8	2	13	51	0.04	0.01	0.7	0.03	0.04	0.07	-1	-1	-1	
S9622794	340696	JM-39	200	1	5	*	2B 34	2	2	20	2	B2	27	26	22	0.5	1	115	1	2	4	1.15	1	5	5	2	12	4	1	13	4	17	68	0.16	0.02	0.82	0.03	0.03	0.09	-1	-1	-1	
S9622795	340697	JM-39	300	1	5	*	2R 34	1	2	20	3	B2	39	46	25	0.7	4	137	1	1	2	1.41	3	4	2	2	10	1	1	18	2	18	58	0.11	0.01	0.57	0.02	0.04	0.1	-1	-1	-1	
S9622796	340698	JM-39	400	1	5	*	2B 32	2	2	20	3	B2	37	67	44	0.4	1	93	1	2	3	1.98	5	5	2	2	13	1	2	19	2	18	85	0.15	0.01	0.56	0.02	0.04	0.13	-1	-1	-1	
S9622797	340699	JM-39	500	1	5	*	2B 34	2	2	25	3	B2	43	114	31	3.5	1	174	1	1	2	1.35	2	2	16	2	7	1	1	16	3	24	38	0.07	0.01	0.52	0.01	0.03	0.07	-1	-1	-1	
S9622798	340700	JM-39	600	1	5	*	3B 43	2	2	45	3	B1	32	24	121	0.2	16	203	1	3	4	1.44	6	6	8	2	11	1	1	120	30	46	134	0.27	0.01	0.78	1.14	0.04	0.13	-1	-1	-1	
S9622799	340701	JM-39	700	1	5	*	BG 43	3	2	35	3	B1	35	35	424	0.2	1	98	1	4	4	1.49	4	6	8	2	2	10	4	1	68	19	37	211	0.37	0.01	0.87	0.85	0.01	0.2	-1	-1	-1
S9622800	340702	JM-39	716	2	1	*	2B 32	2	3	5	1	1	50	77	416	0.5	1	109	1	5	5	1.8	3	6	6	2	9	1	1	66	17	39	182	0.34	0.01	0.88	0.83	0.04	0.19	-1	-1	-1	
S9622801	340703	JM-39	800	1	5	*	1B 34	1	2	25	3	B2	7	15	27	0.2	1	49	1	2	1	0.68	1	2	2	2	9	1	1	8	2	6	97	0.09	0.01	0.45	0.05	0.04	0.12	-1	-1	-1	
S9622802	340704	JM-39	900																																								

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S9622830	340732	JM-39	3800	1	5	*	1B 34	1	2	30	2	B2	9	13	10	0.2	4	29	1	1	1	0.58	4	2	8	2	2	4	3	2	3	25	155	0.08	0.01	0.33	0.01	0.01	0.16	-1	-1	-1	
S9622831	340733	JM-39	3700	1	3	*	2B 34	1	2	30	4	B2	7	15	15	0.2	1	43	1	1	1	0.65	3	2	20	2	7	2	1	2	1	7	93	0.04	0.01	0.57	0.01	0.01	0.11	-1	-1	-1	
S9622832	340734	JM-39	3800	1	2	*	2B 32	1	2	30	3	B2	83	48	78	0.4	4	34	1	9	8	2.14	1	13	2	2	15	1	1	12	4	12	568	0.74	0.04	1.11	0.12	0.01	0.3	-1	-1	-1	
S9622833	340735	JM-39	3823	2	1	1	2G 23	1	3	25	12	2	50	55	110	0.2	8	85	1	12	11	2.2	3	15	2	9	15	1	1	50	11	26	895	0.81	0.03	1.19	0.44	0.01	0.37	-1	-1	-1	
S9622985	322960	JM-41	170	1	5	*	2B 43	1	2	20	2	B2	13	24	30	0.2	19	39	1	4	5	1.55	7	9	2	2	14	1	1	12	3	8	203	0.41	0.03	0.87	0.08	0.01	0.18	-1	-1	-1	
S9622986	322961	JM-41	250	1	5	*	2B 43	2	2	25	2	B2	7	21	18	0.4	2	33	1	2	3	1.33	5	8	2	2	17	1	1	5	1	8	102	0.18	0.01	0.77	0.03	0.01	0.1	-1	-1	-1	
S9622987	322962	JM-41	350	1	5	*	GB 43	1	2	25	3	B2	3	11	5	0.2	6	44	1	1	1	0.25	6	2	2	5	3	1	1	3	1	6	24	0.03	0.01	0.43	0.01	0.01	0.13	-1	-1	-1	
S9622988	322963	JM-41	450	1	5	*	GB 34	1	2	25	3	B2	11	15	23	0.2	6	47	1	2	4	0.97	5	5	5	2	8	3	1	3	2	15	178	0.13	0.01	0.6	0.01	0.01	0.19	-1	-1	-1	
S9622989	322964	JM-41	550	1	5	*	GB 31	1	2	35	3	B2	5	13	14	0.2	1	74	1	1	2	1	0.66	7	5	2	8	10	1	1	4	2	9	528	0.04	0.01	0.5	0.02	0.01	0.11	-1	-1	-1
S9622990	322965	JM-41	850	1	2	*	2B 32	1	2	25	3	B2	9	22	16	0.2	13	84	1	2	3	1.15	3	5	2	8	12	1	1	4	1	3	108	0.18	0.02	0.51	0.02	0.01	0.11	-1	-1	-1	
S9622991	322966	JM-41	750	1	2	*	2B 34	1	2	25	4	B2	5	14	14	0.2	6	39	1	2	2	0.86	3	4	2	2	14	1	1	3	1	2	99	0.14	0.02	0.4	0.01	0.01	0.14	-1	-1	-1	
S9622992	322967	JM-41	650	1	2	*	1B 34	1	2	30	4	B2	7	21	21	0.2	20	50	1	2	1	1.2	3	4	2	2	20	1	1	4	1	1	139	0.11	0.04	0.44	0.05	0.01	0.13	-1	-1	-1	
S9622993	322968	JM-41	950	1	2	*	2B 32	1	2	30	4	B2	2	10	6	0.2	7	34	1	1	1	0.3	6	7	2	2	6	1	1	1	1	2	238	0.23	0.03	0.66	0.02	0.01	0.1	-1	-1	-1	
S9622994	322969	JM-41	1050	1	2	*	2B 32	1	2	35	4	B2	14	23	62	0.2	7	88	1	3	6	1.25	9	9	2	2	12	1	1	31	3	8	315	0.21	0.01	0.64	0.32	0.03	0.16	-1	-1	-1	
S9622995	322970	JM-41	1150	1	2	*	1G 32	1	1	30	4	B2	3	7	16	0.2	1	42	1	1	2	0.74	4	4	5	2	11	1	1	2	1	3	76	0.06	0.01	0.36	0.01	0.01	0.08	-1	-1	-1	
S9622996	322971	JM-41	1250	1	2	*	2B 34	1	2	25	3	B2	4	6	18	0.2	1	33	1	1	4	0.96	6	8	2	5	11	1	1	3	1	3	67	0.09	0.01	0.43	0.01	0.01	0.04	-1	-1	-1	
S9622997	322972	JM-41	1350	1	2	*	1B 34	1	1	25	3	B2	1	5	6	0.4	2	28	1	1	1	0.18	3	2	2	2	3	1	1	1	1	3	14	0.01	0.01	0.37	0.01	0.01	0.05	-1	-1	-1	
S9622998	322973	JM-41	1450	1	2	*	2B 32	1	2	25	3	B1	43	35	263	0.4	25	187	1	4	15	3.5	3	55	2	2	52	1	1	12	13	59	638	0.62	0.08	1.67	0.21	0.01	0.49	5	10	891	
S9622999	322974	JM-41	1550	1	2	*	1G 32	1	2	25	3	B1	64	36	514	0.2	24	172	2	10	22	3.7	4	52	2	2	41	1	1	10	10	38	1479	0.88	0.08	1.4	0.17	0.02	0.64	5	10	1079	
S9610427	324614	PD-13	50	1	2	*	2B 24	2	2	10	3	B1	25	27	138	0.2	15	127	1	7	23	2.49	2	48	2	2	35	1	1	8	6	16	533	0.46	0.06	1.31	0.13	0.02	0.32	5	10	1128	
S9610428	324615	PD-13	100	1	2	*	2B 24	2	1	10	3	B1	79	30	178	0.2	29	240	1	19	67	4.27	2	69	2	2	57	1	1	9	14	25	1170	0.57	0.08	1.1	0.26	0.02	0.14	5	10	1212	
S9610429	324616	PD-13	150	1	2	*	2B 24	2	2	10	3	B1	40	8	67	0.2	11	222	1	7	28	2.1	1	61	2	2	52	1	1	7	3	6	803	0.4	0.02	1.29	0.17	0.02	0.12	5	10	1221	
S9610430	324617	PD-13	250	1	2	*	2B 24	2	2	10	2	B2	47	12	126	0.2	1	461	1	8	30	1.95	3	35	10	2	39	2	1	10	28	20	283	0.27	0.01	1.25	0.26	0.03	0.03	5	10	828	
S9610431	324618	PD-13	300	1	2	*	2B 24	2	2	10	2	B1	71	41	189	0.2	20	349	1	15	54	3.61	2	79	2	2	73	1	1	10	8	18	717	0.74	0.06	1.69	0.18	0.02	0.34	5	10	1735	
S9610432	324619	PD-13	350	1	2	*	2B 24	2	2	10	2	B1	67	47	265	0.2	17	496	1	9	42	3.21	2	75	2	2	73	1	1	12	7	18	550	0.56	0.04	1.45	0.23	0.01	0.38	5	10	2144	
S9610433	324620	PD-13	400	1	2	*	2B 24	2	2	15	2	B1	138	85	271	0.2	15	211	1	19	35	3.71	5	64	2	2	44	1	1	6	10	32	1128	0.09	0.01	0.66	0.03	0.01	0.2	5	10	2409	
S9610434	324621	PD-13	450	1	2	*	2B 24	2	2	15	2	B1	64	19	108	0.2	10	354	1	3	20	2.8	3	49	2	2	61	1	1	12	8	24	244	0.1	0.02	0.64	0.06	0.01	0.14	5	10	5855	
S9610435	324622	PD-13	500	1	2	*	2B 24	2	2	15	2	B2	96	51	457	0.7	28	984	1	33	96	5.01	1	36	2	2	101	1	1	53	9	20	1639	1.59	0.18	3.23	0.37	0.03	1.41	38	10	3296	
S9610436	324623	PD-13	550	1	2	*	2B 24	2	2	10	2	B2	84	46	583	0.6	25	757	1	18	62	4.23	2	55	2	2	71	1	1	25	9	14	1314	1.08	0.09	2.24	0.34	0.02	0.65	5	10	5437	
S9610827	300537	DV-3	1800	1	2	*	1B 42	1	1	15	3	B2	62	36	1134	0.6	13	495	17	15	66	5.77	12	43	2	2	173	1	1	18	5	17	2100	0.29	0.07	1.22	0.25	0.02	0.33	5	10	4953	
S9610828	300538	DV-3	1850	1	2	*	1B 42	2	1	15	3	C1	17	22	800	0.2	17	173	2	7	10	5.04	14	11	2	2	34	1	1	13	13	41	909	0.88	0.08	2.36	0.22	0.02	0.61	5	10	3740	
S9610829	300539	DV-3	1900	1	2	*	2B 21	2	1	15	3	B1	18	14	66	0.7	14	81	1	1	18	2.41	2	24	2	2	45	1	1	7	3	20	226	0.29	0.07	1.07	0.06	0.01	0.16	5	10	1552	
S9610830	300540	DV-3	1950	1	2	*	1B 42	2	2	15	4	B2	81	40	189	0.8	5	167	1	1	23	2.71	3	27	6	2	44	1	1	12	5	31	499	0.57	0.08	1.63	0.11	0.02	0.12	5	10	1023	
S9610831	300541	DV-3	2000	1	3	*	1B 41	1	1	20	4	B2	13	8	28	0.4	1	40	1	1	2	0.64	1	5	2	2	15	1	1	5	39	8	43	0.06	0.02	0.48	0.05	0.03	0.09	5	10	1022	
S9611108	323879	-1950 MW-14	1	3	*	2B 23	1	2	15	3	B2	42	41	316	1.4	14	187	1	1	12	1.6	3	22	2	2	34	1	1	9	7	18	262	0.22	0.03	1.32	0.09	0.02	0.17	5	10	1149		
S9611109	323881	-2050 MW-14	1	3	*	2B 35	1	2	10	4	B2	53	24	191	1	1	407	1	1	19	3.02	3	18	2	2	45	1	1	14	3	19	715	0.13	0.04	0.61	0.08	0.01	0.17	5	10	961		
S9611110	323882	-2100 MW-14	1	3	*	2B 45	2	2	10	3	B2	33	32	156	0.8	1	368	1	1	16	2.64	3	29	2	2	60	1	1	13	10	22	557	0.64	0.16	1.8	0.09	0.02	0.32	5	10	1143		
S9611111	323883	-2150 MW-14	1	3	*	2B 23	1	2	15	3	B2	35	41	117	0.8	5	201	1	1	13	1.71	4	21	2	2	36	1	4	8	10	32	1117	0.48	0.12	1.23	0.16	0.02	0.28	5	10	1856		
S9611112	323884	-2200 MW-14	1	3	*	2B 32	1	2	10	2	B1	17	32	46	0.4	5	92	1	1	5	0.77	2	8	2	2	17	1	1	5	65	7	335	0.25	0.06	0.93	0.1							

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S9613190 325860	PD-23	300	1	2	*	2B 32	2	1	15	3	B2	35	13	91	0.2	8	307	1	5	21	2.22	1	31	2	2	48	7	1	8	5	4	685	0.12	0.01	0.87	0.06	0.02	0.05	5	10	2553
S9613181 325861	PD-23	350	1	2	*	2B 23	2	1	15	3	B2	39	11	86	0.2	15	174	1	14	18	2.25	4	30	2	2	37	14	1	8	11	11	1275	0.2	0.02	1.83	0.06	0.01	0.04	5	10	1083
S9613182 325862	PD-23	400	1	2	*	2B 32	2	1	15	3	B2	34	2	57	0.2	1	94	1	5	17	1.81	1	33	2	2	37	7	1	5	5	3	338	0.28	0.02	1.14	0.15	0.01	0.03	5	10	539
S9613183 325863	PD-23	450	1	2	*	2B 24	1	2	15	3	B2	58	18	79	0.2	8	194	1	9	29	1.9	2	38	2	2	38	6	1	7	9	10	391	0.51	0.01	1.56	0.19	0.01	0.05	5	10	1159
S9613184 325864	PD-23	500	1	2	*	2B 24	1	2	15	3	B2	47	6	58	0.2	16	136	1	6	24	1.48	1	31	2	2	26	5	1	6	8	7	203	0.42	0.01	1.31	0.2	0.01	0.02	5	10	1015
S9613185 325865	PD-23	550	1	2	*	2B 24	1	2	15	3	B2	41	31	99	0.4	14	80	1	5	21	1.98	2	27	2	2	31	8	1	5	8	13	192	0.39	0.02	1.07	0.1	0.01	0.06	5	10	1310
S9613186 325866	PD-23	600	1	2	*	2B 23	1	2	15	3	B2	52	50	190	1	3	87	1	3	7	2.12	5	12	2	2	30	6	1	7	6	10	588	0.2	0.03	0.84	0.06	0.02	0.18	5	10	1352
S9613187 325867	PD-23	650	1	2	*	2B 24	2	2	15	4	B2	32	41	126	0.2	14	61	1	2	9	2.22	2	13	2	2	28	13	1	4	5	11	148	0.27	0.03	0.95	0.02	0.01	0.12	5	10	1318
S9613188 325868	PD-23	700	1	2	*	2B 42	2	2	15	4	B2	30	28	82	0.2	1	47	1	2	8	1.78	3	18	2	2	27	5	1	2	5	8	179	0.2	0.02	1.09	0.03	0.01	0.07	5	10	967
S9613189 325869	PD-23	750	1	2	*	2B 42	2	2	20	4	B2	34	19	277	0.2	1	143	1	5	9	2.98	8	21	2	2	40	7	1	8	23	61	502	0.75	0.03	1.52	0.18	0.03	0.32	5	10	935
S9613200 325870	PD-23	800	1	2	*	2B 42	2	2	15	4	B2	25	16	103	0.2	8	124	1	2	8	1.92	6	15	2	2	25	6	1	9	23	58	249	0.22	0.01	0.85	0.2	0.02	0.07	5	10	810
S9613201 325871	PD-23	850	1	2	*	2B 23	1	2	15	4	B2	54	37	435	0.2	5	140	1	6	18	2.91	7	24	2	2	33	10	1	6	22	49	642	0.8	0.03	1.67	0.12	0.01	0.18	5	10	1432
S9613202 325872	PD-23	900	1	2	*	2B 24	1	2	15	4	B2	52	30	313	0.2	17	179	1	6	16	2.87	8	22	2	2	35	10	1	9	27	58	607	0.66	0.03	1.59	0.2	0.03	0.2	5	10	1458
S9613203 325873	PD-23	950	1	2	*	2B 24	2	2	15	4	B2	36	17	127	0.2	9	109	1	5	19	2.23	4	26	2	2	31	6	1	5	13	28	291	0.57	0.02	1.63	0.07	0.03	0.13	5	10	1378
S9613204 325874	PD-23	1000	1	2	*	2B 24	2	2	15	4	B2	25	8	68	0.2	15	87	1	3	13	1.58	3	21	2	2	24	7	1	5	14	19	320	0.42	0.01	1.34	0.08	0.03	0.09	5	10	1275
S9613205 325875	PD-23	1050	1	2	*	2B 24	2	2	15	4	B2	26	13	78	0.2	17	136	1	5	17	2.28	3	23	2	2	31	6	2	5	20	36	406	0.48	0.02	1.51	0.07	0.03	0.13	5	10	1601
S9613206 325876	PD-23	1100	1	2	*	2B 54	2	2	15	4	B2	33	17	114	0.2	5	254	1	5	21	2.8	5	26	2	2	36	7	1	7	29	49	457	0.6	0.02	1.59	0.14	0.01	0.13	5	10	2079
S9613234 325904	PD-23	2500	1	2	*	2B 43	2	2	10	3	B2	19	14	122	0.2	1	88	1	4	11	2.62	2	16	2	2	32	10	6	3	7	11	793	0.42	0.03	1.06	0.04	0.02	0.31	5	10	1252
S9613235 325905	PD-23	2550	1	2	*	2B 24	2	2	10	3	B2	25	25	124	0.2	17	158	1	4	20	2.29	4	17	2	2	36	3	6	6	9	9	242	0.42	0.05	0.82	0.08	0.01	0.21	5	10	2420
S9613236 325906	PD-23	2600	1	2	*	2B 24	2	2	10	3	B2	23	23	132	0.2	3	225	1	3	16	2.14	1	15	6	2	32	10	5	7	13	13	421	0.36	0.02	0.95	0.07	0.01	0.14	5	10	2070
S9613237 325907	PD-23	2650	1	2	*	2B 34	2	2	10	3	B2	22	30	108	0.2	10	75	1	3	15	2.69	2	15	2	2	43	6	4	3	7	10	201	0.36	0.08	0.87	0.03	0.02	0.2	5	10	1763
S9613238 325908	PD-23	2700	1	2	*	2B 24	2	2	10	3	B2	21	17	149	0.2	1	175	1	6	23	3.15	4	31	2	2	48	13	3	8	18	29	450	0.94	0.11	1.64	0.11	0.01	0.57	5	10	1542
S9613239 325909	PD-23	2750	1	2	*	2B 54	2	2	10	4	B2	37	19	380	0.2	12	234	2	4	35	4.08	10	24	2	2	39	8	1	8	53	83	752	0.44	0.01	1.51	0.09	0.02	0.25	5	10	1228
S9613240 325910	PD-23	2800	1	2	*	2B 24	2	2	10	4	B2	21	6	97	0.2	7	86	1	5	18	2.58	2	19	2	2	34	8	4	5	13	19	357	0.52	0.05	1.17	0.1	0.01	0.25	5	10	1509
S9613241 325911	PD-23	2850	1	2	*	2B 24	2	2	10	4	B2	26	6	93	0.2	12	108	1	4	12	2.6	3	15	2	2	32	8	5	4	15	31	309	0.65	0.06	1.3	0.08	0.01	0.35	5	10	1419
S9613242 325912	PD-23	2900	1	2	*	2B 24	2	2	10	3	B2	25	8	88	0.2	2	37	1	3	8	2.5	6	10	2	2	27	8	8	2	12	27	275	0.34	0.04	0.92	0.01	0.01	0.18	5	10	1344
S9613243 325913	PD-23	2950	1	2	*	2B 24	1	2	10	3	B2	89	2	283	0.2	5	346	1	23	54	4.72	4	163	2	2	83	12	4	9	34	68	803	1.79	0.08	2.87	0.21	0.01	1.06	32	10	876
S9613244 325914	PD-23	3000	1	2	*	2B 24	2	2	10	4	B2	23	9	182	0.2	15	92	1	7	15	2.96	4	24	2	2	36	4	4	5	19	44	516	0.7	0.06	1.3	0.11	0.01	0.4	20	10	1273
S9613490 340001	JM-24	50	1	2	*	2B 42	2	2	25	4	B2	40	38	259	0.2	3	609	3	14	12	2.34	8	17	2	2	26	1	1	22	6	17	3495	0.39	0.04	1.21	0.3	0.03	0.29	-1	-1	2344
S9613491 340002	JM-24	100	1	2	*	1B 32	1	1	20	4	B2	39	33	194	0.2	12	208	1	5	15	2.13	8	22	2	2	28	7	1	7	7	11	542	0.5	0.03	0.89	0.1	0.03	0.23	-1	-1	2706
S9613492 340003	JM-24	150	1	2	*	2B 42	2	2	25	4	B2	83	14	236	0.2	15	280	1	15	49	2.31	4	93	2	2	40	1	1	10	3	4	685	0.87	0.06	1.89	0.48	0.01	0.12	-1	-1	1433
S9613493 340004	JM-24	200	1	2	*	2B 32	1	2	20	4	B2	65	34	345	0.4	7	211	1	6	25	2.62	6	39	2	2	39	3	1	10	8	10	344	0.74	0.03	1.2	0.21	0.01	0.36	-1	-1	2759
S9613494 340005	JM-24	250	1	2	*	2B 42	2	2	20	4	B2	35	31	838	0.8	26	315	6	14	27	3.63	9	49	2	2	62	4	1	9	7	11	1332	1.04	0.07	1.87	0.15	0.03	0.46	-1	-1	2407
S9613495 340006	JM-24	300	1	2	*	2B 42	2	2	25	4	B2	41	38	489	0.4	14	461	11	19	19	2.91	10	27	2	2	37	2	1	17	5	11	3188	0.53	0.05	1.41	0.19	0.02	0.27	-1	-1	2802
S9613496 340007	JM-24	350	1	2	*	2B 42	2	2	25	4	B2	78	38	945	0.2	1	445	11	8	17	2.87	9	27	2	2	43	1	1	12	6	12	1533	0.41	0.03	1.11	0.18	0.02	0.09	-1	-1	2692
S9613497 340008	JM-24	400	1	2	*	BY 32	1	2	15	4	B	75	59	467	0.2	16	303	6	6	21	2.6	8	34	2	2	33	5	1	11	6	13	561	0.82	0.03	1.42	0.18	0.03	0.1	-1	-1	2116
S9613498 340009	JM-24	450	1	2	*	2B 42	2	2	20	4	B1	83	45	925	0.2	18	393	40	18	16	3.65	9	29	2	2	42	3	1	13	21	40	5918	0.55	0.05	1.54	0.31	0.02	0.41	-1	-1	1806
S9613499 340010	JM-24	500	1	2	*	2B 23	1	2	20	4	B2	92	31	952	0.2	1	172	2	6	12	3.83	14	19	2	2	40	9	1	9	9	46	421	0.94	0.1	1.73	0.12	0.03	0.6	-1	-1	1224
S9613500 340011	JM-24	550	1	2	*	2B 31	1	2	10	4	B2	21	20	244	0.6	1	65	2	7	20	4.59	15	40	2	2	54	10	1	5	8	20	611	1.07	0.19	2.24	0.07	0.03				

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S9613529	340040	1950	JM-24	1	2	*	3B	41	2	2	30	4	B1	37	9	38	0.4	1	230	1	12	11	3.65	11	22	2	2	52	10	1	12	30	39	518	0.5	0.06	1.41	0.26	0.03	0.27	5	10	984
S9613530	340041	2000	JM-24	1	2	*	2B	14	1	2	40	4	B1	13	5	27	0.2	11	195	1	11	16	2.33	7	48	2	2	39	1	1	7	8	17	451	0.61	0.11	1.2	0.13	0.01	0.32	-1	-1	1081
S9613531	340042	2050	JM-24	1	2	*	2B	41	2	1	25	4	B2	9	6	33	0.2	6	163	1	5	8	2.24	7	31	2	2	38	3	1	9	4	7	305	0.59	0.07	0.99	0.15	0.04	0.25	5	10	1021
S9613532	340043	2100	JM-24	1	2	*	2B	41	2	2	25	4	B2	12	2	74	0.2	20	436	1	15	24	5.5	10	61	2	2	98	5	1	13	12	34	511	2.35	0.29	3.01	0.28	0.01	0.84	-1	-1	1107
S9613533	340044	2150	JM-24	1	2	*	2B	32	1	2	25	4	B2	13	8	72	0.2	7	237	1	10	9	2.27	5	18	2	2	29	1	1	6	5	9	1136	0.41	0.03	0.88	0.13	0.03	0.24	5	10	1237
S9613534	340045	2200	JM-24	1	2	*	2B	31	1	2	30	4	B2	6	2	100	0.4	4	438	1	20	66	3.33	8	473	2	14	56	2	1	11	7	16	822	2.3	0.14	3.18	0.21	0.04	0.58	-1	-1	1283
S9613535	340046	2250	JM-24	1	2	*	3B	41	2	2	25	4	B1	23	5	50	0.2	13	165	1	10	6	3.02	8	17	2	2	32	2	1	8	8	14	538	0.43	0.09	0.94	0.13	0.03	0.29	5	10	937
S9613536	340047	2300	JM-24	1	2	*	BR	32	1	2	20	4	B2	11	4	38	0.2	9	134	1	8	20	3.51	6	58	2	2	54	4	2	2	4	5	216	0.83	0.24	1.54	0.07	0.01	0.33	-1	-1	896
S9613537	340048	2350	JM-24	1	3	*	2B	32	2	2	20	4	B2	11	2	42	0.2	1	119	1	4	9	1.89	6	19	2	2	26	1	2	6	6	9	145	0.37	0.05	0.73	0.12	0.01	0.19	5	10	1032
S9613538	340050	2450	JM-24	1	3	*	2B	42	2	2	20	4	B2	13	6	88	0.4	14	114	1	7	18	3.38	7	47	2	2	52	1	1	5	4	5	236	0.73	0.08	1.59	0.1	0.03	0.14	-1	-1	952
S9613539	340051	2500	JM-24	1	3	*	2B	32	1	2	25	4	B2	8	6	26	0.2	7	90	1	2	6	1.53	3	16	2	2	33	2	2	2	3	3	98	0.31	0.07	0.55	0.03	0.01	0.22	5	10	953
S9613540	340052	2550	JM-24	1	3	*	2B	32	1	2	25	4	B2	3	4	26	0.2	21	155	1	7	3	2.47	6	7	2	2	15	13	3	5	10	18	693	1.32	0.17	1.52	0.09	0.03	0.44	-1	-1	734
S9613541	340053	2600	JM-24	1	3	*	2B	32	1	2	25	4	B2	11	4	31	0.2	2	257	1	4	9	1.65	4	24	2	2	36	1	1	7	15	22	138	0.41	0.07	0.73	0.11	0.03	0.21	5	10	1216
S9613542	340054	2650	JM-24	1	3	*	2B	32	1	2	20	4	B2	10	2	35	0.2	1	117	1	4	12	1.85	6	25	2	2	34	3	1	4	6	13	112	0.67	0.06	0.91	0.07	0.01	0.14	-1	-1	1085
S9613543	340055	2700	JM-24	1	3	*	2B	32	1	2	15	4	B2	8	2	43	0.4	18	202	1	9	17	4.24	7	56	2	2	64	12	1	4	4	3	202	1.15	0.15	1.84	0.08	0.01	0.68	5	10	1205
S9613544	340056	2750	JM-24	1	3	*	2B	42	1	2	30	4	B2	6	8	30	0.2	1	137	1	4	11	1.87	4	19	2	2	39	1	4	4	2	3	290	0.43	0.08	0.73	0.07	0.01	0.17	-1	-1	1234
S9613545	340057	2800	JM-24	1	3	*	2B	32	2	2	25	4	B2	9	5	36	0.2	8	122	1	4	10	1.88	8	17	2	2	32	3	3	3	9	14	202	0.58	0.04	0.92	0.03	0.01	0.1	5	10	1185
S9613546	340058	2850	JM-24	1	3	*	BG	32	1	2	25	4	B2	5	2	19	0.2	9	85	1	1	3	0.87	5	6	2	2	16	2	5	2	3	5	83	0.12	0.02	0.3	0.03	0.01	0.06	-1	-1	1194
S9613547	340059	2900	JM-24	1	3	*	2B	34	1	2	20	4	B2	9	5	37	0.2	1	90	1	3	7	2.3	3	15	2	2	33	2	3	3	7	7	112	0.44	0.04	0.91	0.09	0.01	0.13	5	10	1090
S9613548	340060	2950	JM-24	1	2	*	2B	32	1	2	10	4	C	7	7	29	0.5	1	128	1	3	5	1.84	6	12	2	2	27	1	5	2	5	7	87	0.32	0.03	0.7	0.03	0.01	0.08	-1	-1	1243
S9613549	340061	3000	JM-24	1	3	*	2B	32	1	2	25	4	B2	9	6	40	0.2	14	210	1	3	9	2.4	4	18	2	2	35	7	5	3	5	9	111	0.49	0.04	1.1	0.05	0.01	0.1	5	10	1450
S9613812	326363	MW24		1	3	*	3B	32	1	2	5	4	B1	83	11	169	0.2	14	419	1	12	38	2.03	1	58	2	2	42	5	8	10	19	10	524	0.59	0.05	1.42	0.18	0.01	0.09	5	10	1880
S9613813	326364	MW24	50	1	2	*	3B	53	2	2	10	4	B1	58	21	127	0.5	19	351	1	11	23	2.44	5	35	2	7	46	1	1	7	22	15	1552	0.35	0.01	1.84	0.1	0.01	0.09	5	10	2125
S9613814	326365	MW24	100	1	3	*	2B	32	1	2	10	4	B1	26	17	103	0.4	13	82	1	4	13	1.72	6	17	2	2	19	1	5	6	12	14	298	0.26	0.01	0.85	0.1	0.01	0.08	5	10	1197
S9613815	326366	MW24	150	1	2	*	2B	32	1	2	15	4	B2	31	17	83	0.4	9	82	1	1	5	1	1	10	2	2	17	1	3	6	10	23	485	0.07	0.01	0.77	0.08	0.01	0.04	5	10	1070
S9613816	326367	MW24	200	1	3	*	2B	23	1	2	10	4	B1	31	21	159	0.6	10	99	1	2	6	1.97	3	11	2	2	31	1	2	3	6	10	895	0.1	0.02	0.53	0.06	0.01	0.1	5	10	1162
S9613817	326368	MW24	250	1	3	*	2B	23	1	2	10	4	B1	25	16	298	0.4	6	117	4	5	6	3.1	7	12	6	2	37	15	1	3	12	13	1195	0.4	0.11	1.08	0.07	0.01	0.42	5	10	1199
S9613818	326369	MW24	300	1	3	*	2B	32	2	2	10	4	B1	29	8	131	0.2	3	83	1	5	7	3.27	14	11	2	5	48	15	1	10	19	27	197	0.12	0.01	0.58	0.28	0.01	0.11	5	10	1327
S9613819	326370	MW24	350	1	2	*	3B	35	2	2	10	4	B1	19	16	101	0.2	5	98	2	5	6	1.16	4	10	2	2	19	1	1	7	10	19	845	0.17	0.02	0.66	0.18	0.01	0.12	5	10	980
S9613820	326371	MW24	400	1	2	*	2B	35	2	2	5	4	B2	12	8	95	0.2	2	69	2	5	4	0.96	1	10	2	2	17	4	2	5	2	5	1077	0.13	0.02	0.63	0.09	0.01	0.08	5	10	1064
S9613821	326372	MW24	450	1	3	*	2B	35	2	2	20	4	B2	34	11	87	0.5	13	114	1	15	11	2.31	14	24	6	2	32	1	2	9	33	58	680	0.47	0.03	1.41	0.15	0.03	0.19	5	10	681
S9613822	326373	MW24	500	1	2	*	2B	23	2	2	15	4	B1	15	11	70	0.4	1	77	1	6	6	1.87	8	13	2	2	30	1	4	5	4	7	662	0.31	0.03	0.76	0.07	0.03	0.22	5	10	1126
S9613823	326374	MW24	550	1	2	*	2B	32	2	2	15	4	B1	21	18	92	0.2	13	74	1	7	11	2.98	10	19	2	2	39	1	2	4	11	16	372	0.57	0.08	1.37	0.06	0.01	0.34	5	10	1180
S9613824	326375	MW24	600	1	2	*	3B	32	2	2	10	4	B1	17	13	77	0.5	14	97	1	4	5	1.71	6	12	8	2	28	1	1	7	5	8	389	0.26	0.01	0.68	0.14	0.03	0.12	5	10	827
S9613825	326376	MW24	650	1	3	*	2B	32	2	2	10	4	B1	10	9	75	0.8	8	95	1	3	6	1.56	2	9	2	2	23	6	1	3	4	6	620	0.29	0.04	0.65	0.07	0.03	0.16	5	10	1094
S9613826	326377	MW24	700	1	2	*	2B	32	1	2	10	4	B1	16	6	83	0.2	22	195	1	9	15	3.55	1	33	2	11	69	17	2	8	20	32	257	1.02	0.1	1.95	0.17	0.03	0.35	5	10	1070
S9613827	326378	MW24	750	1	2	*	2B	32	1	2	10	4	B1	13	2	56	0.2	7	78	1	3	6	1.8	3	12	2	2	33	8	1	4	4	6	348	0.32	0.03	0.77	0.05	0.03	0.17	5	10	1019
S9613828	326379	MW24	810	1	3	*	2B	32	1	2	10	4	B1	25	11	58	0.7	1	121	1	3	5	1.99	10	11	2	2	28	1	5	18	49	129	0.2	0.02	1.04	0.04	0.03	0.09	5	10	1018	
S9613829	326380	MW24	850	1	2	*	2B	32	1	2	10	4																															

EXPO

S9613858 326408	MW24	2300	1	2	*	2B 32	1	2	15	4	B1	17	5	132	0.4	24	250	1	10	13	4.42	9	33	10	2	74	2	1	8	19	26	683	1.35	0.22	2.51	0.31	0.01	0.77	5	10	1475
S9613859 326410	MW24	2350	1	2	*	2B 32	1	2	15	4	B1	27	2	146	0.4	4	172	1	9	11	3.79	12	30	7	2	60	4	1	6	17	28	701	1.23	0.18	2.37	0.15	0.01	0.82	5	10	1261
S9613860 326411	MW24	2400	1	2	*	2B 32	1	2	20	4	B1	28	6	157	0.7	36	176	1	11	15	4.3	10	41	2	2	75	6	1	11	10	11	976	1.69	0.2	2.78	0.19	0.01	1.32	5	10	1406
S9613861 326412	-1	-1	1	2	*	2B 32	2	2	15	4	B1	67	17	378	0.2	19	263	2	7	12	2.73	22	19	2	2	36	8	1	16	50	80	954	1.22	0.08	2.27	0.51	0.01	0.7	5	10	1357
S9613862 326413	-1	-1	1	2	*	2B 32	1	2	10	4	B1	79	4	137	0.5	14	144	1	11	15	4.33	8	46	2	12	77	17	1	10	14	25	917	1.99	0.31	2.93	0.31	0.01	1.52	5	10	1038
S9613863 326414	-1	-1	1	2	*	2B 23	1	2	15	4	B1	13	2	83	0.2	8	77	1	4	7	2.37	4	19	2	9	42	6	1	5	3	5	372	0.77	0.18	1.31	0.11	0.01	0.75	5	10	1303
S9613864 326415	-1	-1	1	2	*	2B 53	2	3	20	4	B1	34	6	97	0.2	1	85	1	5	7	2.55	4	23	2	5	41	1	1	12	15	31	525	1.24	0.16	2.1	0.39	0.01	0.57	5	10	1170
S9618843 339250	0	-1	2	1	1	2B 2	1	*	-1	23	3	56	104	706	0.2	31	117	4	13	134	3.73	14	63	9	2	58	18	1	12	69	82	823	1.11	0.13	1.75	0.52	0.01	0.33	-1	-1	918
S9618844 339251	-50	-1	1	2	*	3B 53	2	2	20	2	B1	48	43	383	0.2	87	166	1	22	197	4	10	123	2	18	65	1	5	11	34	40	806	1.43	0.13	2.15	0.32	0.01	0.25	-1	-1	975
S9618845 339252	-100	-1	1	2	*	3B 53	3	2	15	2	A	25	13	189	0.2	27	89	2	8	113	1.99	5	54	14	2	30	1	4	18	24	29	592	0.61	0.04	1.07	0.65	0.01	0.1	-1	-1	809
S9618846 339253	-150	-1	1	2	*	BY 53	2	2	25	2	B1	80	160	803	0.9	11	117	1	10	30	8.16	6	33	19	22	84	7	8	20	11	8	1790	1.72	0.3	2.65	0.87	0.01	0.47	-1	-1	876
S9618847 339254	-200	-1	1	2	*	8K 45	2	2	30	2	A	55	9	417	0.2	32	83	2	8	170	2.24	14	100	2	2	30	1	2	23	68	86	432	0.73	0.08	1.42	1.04	0.01	0.22	-1	-1	778
S9618848 339255	-100	50	1	2	*	2B 32	1	2	5	4	C	49	16	244	0.2	49	111	1	37	511	4.22	7	151	16	12	68	10	9	8	17	18	956	1.64	0.1	1.68	0.25	0.01	0.41	-1	-1	1104
S9618849 339256	-100	100	1	2	*	2B 34	2	2	15	4	B1	16	18	233	0.5	1	342	1	8	22	1.98	3	31	6	2	30	2	1	11	5	10	3208	0.28	0.07	0.69	0.28	0.02	0.29	-1	-1	994
S9618851 339258	-100	200	1	2	*	2B 35	2	2	15	4	B1	31	21	299	0.2	1	149	1	9	11	4.35	11	20	2	2	55	3	15	7	12	15	983	1	0.14	1.85	0.17	0.02	0.94	-1	-1	1107
S9618852 339259	0	300	1	2	*	2B 32	1	2	15	4	B1	34	7	335	0.5	1	190	1	10	12	4.98	9	31	11	2	74	18	11	9	21	39	1320	1.28	0.23	2.2	0.24	0.03	1.17	-1	-1	1085
S9618853 339260	0	250	1	2	*	2B 32	1	2	15	4	B1	16	30	108	0.4	1	233	1	8	5	1.87	8	9	2	2	25	1	6	5	8	8	3059	1.08	0.01	0.43	0.1	0.02	0.13	-1	-1	961
S9618854 339261	0	200	1	2	*	3B 32	2	2	15	4	B1	48	36	283	0.4	2	150	1	7	11	4.34	8	14	14	2	58	1	10	6	41	46	1159	0.59	0.12	1.5	0.08	0.02	0.85	-1	-1	1380
S9618855 339262	0	150	1	2	*	3B 32	3	2	20	4	B1	24	12	136	0.5	12	181	1	4	4	2.19	3	11	6	14	27	1	1	7	17	26	1401	0.31	0.04	0.99	0.08	0.02	0.41	-1	-1	889
S9618856 339263	0	100	1	2	*	3B 23	3	2	30	3	B1	17	7	58	0.4	16	98	1	22	72	2.53	3	184	6	23	53	1	1	6	3	5	1403	0.54	0.02	1.03	0.09	0.02	0.08	-1	-1	782
S9618857 339264	0	50	1	2	*	2B 32	1	2	10	2	B1	53	33	591	0.5	27	114	1	17	182	4.93	11	87	2	7	66	21	1	9	46	52	911	1.53	0.18	2.29	0.38	0.01	0.75	-1	-1	1031
S9618858 339265	0	-50	1	2	*	2B 53	2	2	5	3	B1	23	42	137	0.6	24	32	1	5	18	4.65	3	31	7	11	73	19	8	2	5	4	266	0.51	0.19	1.78	0.04	0.01	0.2	-1	-1	1045
S9618859 339266	0	-100	1	2	*	2B 53	2	2	15	2	B1	84	18	199	0.6	1	68	1	8	33	7.44	7	39	29	9	80	12	14	2	12	5	540	1.06	0.43	2.47	0.06	0.01	1.11	-1	-1	972
S9618860 339267	0	-150	1	2	*	2B 53	2	2	20	3	B2	5	2	8	0.2	3	16	1	1	1	0.26	1	2	5	7	3	1	1	3	1	3	18	0.01	0.01	0.52	0.05	0.02	0.01	-1	-1	989
S9618861 339268	0	-200	1	3	*	YG 53	1	2	10	4	C	14	14	338	0.2	1	47	1	9	16	1.51	14	27	2	2	21	1	1	10	48	90	513	0.48	0.01	0.82	0.61	0.01	0.08	-1	-1	1143
S9618862 339269	0	-250	1	3	*	2B 32	2	2	20	4	B1	38	15	190	0.2	5	184	1	20	55	3.4	9	83	10	2	68	12	1	12	16	22	1124	1.05	0.07	2.28	0.24	0.01	0.39	-1	-1	1070
S9618863 339270	0	-300	1	2	*	2B 32	2	2	15	4	B1	31	29	134	0.6	30	97	1	12	70	3.39	6	81	13	2	64	27	3	8	12	18	506	0.84	0.08	1.71	0.12	0.01	0.2	-1	-1	1075
S9618864 339271	0	-350	1	3	*	3B 53	2	2	15	4	B1	8	2	15	0.2	3	20	1	1	8	0.78	1	17	2	2	18	1	1	2	1	2	78	0.09	0.02	0.56	0.02	0.01	0.02	-1	-1	913
S9618865 339272	0	-400	1	2	*	3B 53	2	2	15	3	B1	56	10	105	0.2	19	247	1	14	50	2.99	2	74	9	14	76	1	1	17	7	11	757	0.89	0.07	1.87	0.33	0.03	0.16	-1	-1	1337
S9618866 339273	0	-450	2	3	4	2G 54	1	*	5	13	-1	82	7	61	0.6	37	216	1	20	60	3.12	1	78	2	20	83	8	4	18	7	9	595	1.21	0.08	2.08	0.3	0.01	0.23	-1	-1	1316
S9618867 339274	0	-500	1	2	*	2G 32	1	2	15	4	B1	89	4	55	0.2	40	182	1	21	100	3.1	2	92	7	17	77	1	9	13	6	7	599	1.25	0.07	1.83	0.33	0.01	0.18	-1	-1	1032
S9618868 339275	-100	-500	1	3	*	BG 32	1	2	10	4	C	46	5	44	0.4	30	1277	1	44	499	3.03	1	238	15	20	39	1	3	14	4	6	669	1.88	0.03	1.28	0.1	0.01	0.05	-1	-1	1206
S9618869 339276	-100	-450	1	3	*	BG 32	1	2	10	4	B1	50	6	38	0.2	66	145	1	45	752	2.89	1	212	11	23	36	1	4	6	3	3	481	1.61	0.02	1.02	1.05	0.01	0.03	-1	-1	475
S9618870 339277	-100	-400	1	3	*	2G 54	2	2	5	4	B1	82	2	62	0.5	25	177	1	30	285	3.27	1	149	10	26	72	1	3	13	4	5	508	1.47	0.08	2.01	0.23	0.01	0.12	-1	-1	845
S9618871 339278	-100	-350	1	2	*	2G 52	1	2	5	4	C	90	7	49	0.2	35	149	1	21	134	3.26	1	109	2	20	74	4	4	11	6	8	531	1.19	0.05	2.09	0.17	0.01	0.07	-1	-1	796
S9618872 339279	-100	-300	1	2	*	3G 52	1	2	10	4	B1	19	2	18	0.2	7	91	1	4	14	0.98	1	21	2	21	25	1	1	9	5	6	208	0.22	0.03	0.79	0.13	0.01	0.03	-1	-1	1045
S9618873 339280	-100	-250	1	3	*	3B 42	1	2	15	4	B	31	15	203	0.2	25	124	1	15	51	3.57	6	60	10	2	53	15	2	8	16	23	1316	0.78	0.07	1.82	0.18	0.01	0.25	-1	-1	1169
S9618874 339281	-100	-200	1	2	*	3B 32	1	2	20	3	B1	22	19	140	0.2	1	127	1	12	29	4.31	10	54	8	2	91	7	1	9	18	24	1102	0.69	0.1	2.01	0.23	0.02	0.28	-1	-1	965
S9618875 339282	-100	-150	1	2	*	2B 35	2	2	25	3	B1	45	35	395	0.4	62	190	1	14	88	4.69	20	108	9	11	72	24	1	21	49	72	903	0.92	0.01	2.48	0.48	0.02	0.14	-1	-1	834
S9618876 339283	-100	-100	1																																						

S9619007	340470	100	-300	1	3	*	2B	24	2	2	25	2	B1	20	6	88	0.2	16	58	1	8	28	2.31	8	34	2	2	36	1	1	5	8	11	368	0.39	0.04	1.57	0.1	0.03	0.07	-1	-1	778	
S9619008	340471	100	-250	1	3	*	2B	32	1	2	20	4	B2	27	24	126	0.2	1	147	1	14	35	3.77	8	73	13	2	67	3	1	14	18	19	904	1.29	0.13	2.65	0.3	0.01	0.87	-1	-1	1101	
S9619009	340472	100	-200	1	3	*	3B	42	2	2	20	4	B2	40	2	75	0.4	177	378	1	26	75	4.03	7	163	8	31	102	1	1	49	19	22	482	2.55	0.16	3.54	0.85	0.01	0.42	-1	-1	1073	
S9619010	340473	100	-150	1	5	*	2B	42	2	2	25	2	B2	44	61	790	0.2	40	98	1	10	26	4.49	28	32	2	2	42	1	1	9	37	53	645	0.37	0.01	1.16	0.24	0.02	0.07	-1	-1	983	
S9619011	340474	100	-100	1	5	*	2B	42	1	2	25	2	B2	34	25	188	0.2	10	97	1	9	41	4.68	21	51	2	5	53	3	7	26	41	792	1.13	0.11	2.89	0.13	0.02	0.22	-1	-1	912		
S9619012	340475	100	-50	1	5	*	2B	42	1	2	30	2	B2	17	25	162	0.4	1	74	1	5	15	3.78	7	32	19	23	72	6	1	4	8	11	425	0.76	0.18	1.98	0.08	0.01	0.33	-1	-1	1112	
S9619013	340476	250		2	1	1	GR	32	1	3	5	1	2	35	48	2024	0.2	49	139	3	13	36	3.43	14	58	2	2	53	7	1	14	47	55	771	0.95	0.07	2.21	0.82	0.01	0.26	-1	-1	1080	
S9619014	340477	285		2	1	1	BG	32	1	3	10	1	2	43	67	1325	0.2	43	158	14	18	33	4.11	23	40	2	2	54	12	1	14	103	138	2052	1.05	0.13	2.18	0.87	0.01	0.4	-1	-1	1016	
S9619015	340478	300		1	5	*	2B	32	1	2	20	2	B2	24	51	375	0.2	50	30	1	4	5	4.36	13	14	13	2	45	1	1	2	9	11	302	0.22	0.08	0.79	0.04	0.01	0.19	-1	-1	902	
S9619020	278362		-1	2	*	*	-1	-1	*	*	-1	-1	-1	28	13	175	0.2	1	154	1	11	11	3.55	11	28	8	6	83	4	1	8	23	31	525	1.06	0.15	1.74	0.43	0.01	0.58	-1	-1	1147	
S9619021	278363		-1	2	*	*	-1	-1	*	*	-1	-1	-1	35	16	311	0.6	1	220	1	18	19	5.63	11	45	17	2	93	9	1	11	33	39	873	1.52	0.22	2.38	0.89	0.01	1.05	-1	-1	1088	
S9619039	278361		-1	2	*	*	-1	-1	*	*	-1	-1	-1	15	33	62	0.4	1	66	1	6	18	2.21	1	21	2	12	24	14	1	18	16	9	288	0.48	0.08	1.05	0.48	0.01	0.26	-1	-1	776	
S9619040	278382		-1	2	*	*	-1	-1	*	*	-1	-1	-1	27	308	93	6.6	1	138	1	8	14	3.11	5	32	7	11	55	7	1	12	15	15	459	0.95	0.18	1.5	0.49	0.01	0.78	-1	-1	867	
S9619072	278414		-1	2	*	*	-1	-1	*	*	-1	-1	-1	29	54	482	0.2	25	117	2	9	14	3.22	8	25	10	2	38	5	1	9	24	23	563	0.57	0.05	1.12	0.23	0.01	0.36	-1	-1	1252	
S9619092	300887	DV-11		2	*	*	1	2N	12	1	3	5	1	1	100	2	44	0.2	25	105	1	18	96	2.53	1	93	2	6	82	2	1	16	5	6	529	1.36	0.08	1.87	0.42	0.01	0.18	5	10	473
S9619093	300888	DV-11		100	2	*	1	NB	12	2	3	10	1	1	95	5	78	0.4	55	120	1	23	182	3.03	8	99	2	12	69	1	1	15	11	15	1297	1.32	0.08	2.03	0.47	0.01	0.15	5	10	839
S9619094	300889	DV-11		150	2	*	1	NB	12	1	3	5	1	1	57	11	115	0.2	122	147	1	24	240	3.17	2	149	2	15	89	1	1	18	9	10	570	1.51	0.08	1.83	0.47	0.01	0.12	5	10	1190
S9619095	300890	DV-11		200	2	*	1	2N	12	1	3	10	2	2	74	7	185	0.4	78	171	1	22	195	3.85	8	130	8	9	78	2	1	19	25	31	735	1.6	0.09	2.38	0.81	0.01	0.26	5	10	1080
S9619096	300891	DV-11		300	2	*	1	NB	12	1	3	10	2	2	67	11	291	0.2	114	178	1	25	244	3.78	2	156	2	18	72	1	1	20	30	36	611	1.71	0.08	2.24	0.63	0.01	0.23	5	10	1022
S9619097	300892	DV-11		400	2	*	1	2B	12	2	3	15	1	3	58	94	398	0.4	97	172	2	23	192	3.37	8	133	2	16	86	1	1	20	32	42	865	1.51	0.08	2.04	0.84	0.01	0.22	5	10	1074
S9619098	300893	DV-11		500	2	*	1	2B	12	1	3	20	1	3	60	84	577	0.2	47	172	3	18	131	4.19	12	90	7	2	61	1	1	18	85	85	691	1.45	0.12	2.3	0.87	0.01	0.44	5	10	928
S9619099	300894	DV-11		540	2	*	1	1B	12	1	3	15	2	3	70	88	736	0.4	1	201	5	15	94	4.3	17	57	14	2	50	2	1	14	71	83	693	0.96	0.06	1.63	0.49	0.01	0.29	5	10	998
S9619100	300895	DV-11			2	*	1	1B	12	1	3	20	2	3	74	37	663	0.2	49	129	4	18	244	3.94	21	109	11	11	55	2	1	18	119	137	774	1.37	0.09	2.16	0.68	0.01	0.37	5	10	772
S9619101	300896	DV-11		100	2	*	1	1B	12	2	3	10	1	3	75	34	532	0.8	91	142	2	26	491	4.23	19	184	2	2	63	4	3	16	75	78	971	1.76	0.03	2.35	0.51	0.01	0.26	5	10	845
S9619102	300897	DV-11		200	2	*	1	2B	12	2	3	10	1	2	65	27	423	0.5	69	132	2	23	345	4.16	18	143	6	2	61	1	1	18	54	62	951	1.76	0.08	2.26	0.64	0.01	0.4	5	10	809
S9619103	300898	DV-11		300	2	*	1	2B	12	2	3	15	1	2	65	22	306	0.5	93	139	2	25	385	3.81	11	168	2	2	62	1	1	22	52	62	840	1.81	0.05	2.2	0.73	0.01	0.3	5	10	699
S9619104	300899	DV-11		400	2	*	1	2B	12	1	3	20	1	2	65	22	270	1.1	107	158	1	28	458	4.36	15	186	11	20	72	1	6	21	51	59	1059	2.05	0.05	2.43	0.66	0.01	0.28	5	10	803
S9619105	300900	DV-11		500	2	*	1	2B	12	1	3	15	1	2	72	34	268	0.8	111	192	1	29	490	4.83	15	183	2	12	69	1	3	19	59	68	1277	1.96	0.04	2.58	0.58	0.01	0.34	5	10	1043
S9619106	300901	DV-11		600	2	*	1	2B	12	1	3	15	2	2	64	65	804	0.2	49	158	4	17	133	4.81	15	75	2	2	68	1	1	18	75	87	991	1.32	0.13	2.12	0.64	0.01	0.39	5	10	879
S9619107	300902	DV-11		700	2	*	1	2B	12	1	3	20	2	3	70	73	1590	0.2	47	157	6	20	155	4.79	19	88	6	2	68	5	1	18	99	109	1070	1.37	0.12	2.17	0.68	0.01	0.41	5	10	834
S9619108	300903	DV-11		800	2	*	1	1B	12	1	3	15	3	2	54	80	1557	0.2	50	150	5	19	116	4.68	14	69	9	2	68	1	1	14	65	67	1050	1.24	0.12	1.93	0.56	0.01	0.43	5	10	859
S9619109	300904	DV-11		845	2	*	1	1B	12	1	3	10	1	2	32	52	1301	0.2	22	134	7	12	32	4	14	42	2	2	54	2	1	13	57	71	1008	1	0.11	2.07	0.67	0.01	0.37	5	10	1055
S9619110	300905	DV-11		900	2	*	1	1B	12	1	3	20	3	2	50	48	1551	0.2	36	143	6	18	100	4.51	16	65	8	13	68	6	1	15	72	78	1017	1.19	0.11	2.12	0.62	0.01	0.47	5	10	963
S9619111	300906	DV-11		1000	2	*	1	1B	12	1	3	20	2	2	45	39	1377	0.2	34	145	5	20	102	5.02	12	77	8	5	90	2	1	18	47	51	1117	1.62	0.02	2.57	0.71	0.01	0.65	5	10	930
S9619112	300907	DV-11		1150	2	*	1	2B	12	2	3	20	1	3	53	40	1568	0.2	54	143	7	19	131	4.69	9	89	12	6	82	2	1	15	60	68	1110	1.44	0.16	2.31	0.65	0.01	0.54	5	10	948
S9619113	300908	DV-11		1300	2	*	1	1B	12	2	3	20	1	2	50	45	1222	0.5	20	128	5	20	125	4.6	9	86	2	2	78	4	1	14	50	56	1048	1.39	0.15	2.21	0.83	0.01	0.51	5	10	853
S9619114	300909	DV-11		1330	2	*	1	RB	12	2	3	10	1	1	52	32	873	0.7	1	150	9	25	148	7.12	19	90	2	2	87	8	1	18	66	84	2033	1.28	0.15	2.11	0.86	0.01	0.48	5	10	785
S9619115	300910	DV-11		1450	2	*	1	2B	12	2	3	20	2	2	49	44	1148	0.2	47	141	6	19																						

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S9619188	340523	0	1	*	*	-1	-1	*	*	-1	-1	-1	13	10	102	0.5	1	82	1	8	45	3.58	8	38	2	2	44	5	1	4	13	12	397	0.85	0.11	1.48	0.09	0.01	0.4	5	10	1055
S9619189	340524	0	1	*	*	-1	-1	*	*	-1	-1	-1	24	15	134	0.7	11	169	1	9	22	4.33	10	27	2	2	54	1	3	7	27	28	975	0.83	0.1	1.99	0.13	0.01	0.6	5	10	1006
S9619190	340525	0	1	*	*	-1	-1	*	*	-1	-1	-1	17	19	79	0.2	7	58	1	9	13	3.57	6	23	5	11	62	1	1	4	13	14	1502	0.48	0.11	1.55	0.05	0.02	0.47	5	10	874
S9619191	340526	0	1	*	*	-1	-1	*	*	-1	-1	-1	22	18	102	0.2	5	174	1	18	43	2.92	4	57	2	9	53	3	1	12	12	10	2008	0.6	0.11	1.23	0.31	0.03	0.82	5	10	851
S9619192	340527	0	1	*	*	-1	-1	*	*	-1	-1	-1	10	14	47	0.2	3	81	1	8	15	1.59	9	32	2	12	31	1	1	8	4	3	987	0.18	0.02	0.64	0.13	0.03	0.17	5	10	777
S9619193	340528	0	1	*	*	-1	-1	*	*	-1	-1	-1	29	18	157	0.5	17	129	1	11	70	4.29	11	58	9	22	74	1	3	19	35	27	743	1.29	0.28	2.63	1.49	0.03	0.75	5	10	841
S9619194	340529	0	1	*	*	-1	-1	*	*	-1	-1	-1	80	54	823	0.4	51	144	3	28	164	5.09	10	110	14	18	92	4	1	10	23	27	1315	1.53	0.2	2.53	0.33	0.01	0.75	5	10	821
S9619195	340530	0	1	*	*	-1	-1	*	*	-1	-1	-1	34	27	1039	0.6	4	112	3	16	53	4.39	19	81	10	35	101	16	1	17	59	63	543	1.31	0.24	3.33	0.83	0.01	0.43	5	10	877
S9619196	340531	0	1	*	*	-1	-1	*	*	-1	-1	-1	45	42	457	0.2	18	158	1	16	46	4.44	19	52	9	6	87	1	1	10	38	45	1534	1.13	0.09	2.88	0.27	0.01	0.19	5	10	1095
S9619197	340532	0	1	*	*	-1	-1	*	*	-1	-1	-1	22	31	258	0.8	21	78	1	8	53	3.87	5	84	5	2	89	14	1	4	10	11	336	0.93	0.21	2.25	0.14	0.01	0.33	5	10	1035
S9619198	340533	0	1	*	*	-1	-1	*	*	-1	-1	-1	28	19	704	0.6	1	193	3	25	80	5.22	7	94	2	28	127	7	1	6	21	18	1328	1.25	0.25	2.87	0.22	0.01	0.82	5	10	1214
S9619199	340534	0	1	*	*	-1	-1	*	*	-1	-1	-1	15	26	65	0.2	4	161	3	30	48	1.81	5	82	7	8	43	1	1	9	19	15	2307	0.19	0.02	0.77	0.17	0.03	0.1	5	10	987
S9619200	340535	0	1	*	*	-1	-1	*	*	-1	-1	-1	18	20	229	0.7	9	72	2	8	42	3.38	9	44	2	17	49	5	1	8	17	20	693	0.77	0.11	1.42	0.14	0.01	0.49	5	10	886
S9619201	340536	0	1	*	*	-1	-1	*	*	-1	-1	-1	25	28	283	0.2	15	68	1	9	25	3.74	10	26	5	2	55	11	1	8	23	29	752	0.5	0.08	1.36	0.07	0.03	0.39	5	10	816
S9619202	340537	0	1	*	*	-1	-1	*	*	-1	-1	-1	12	12	167	0.2	1	71	1	2	6	2.35	5	9	2	2	35	2	1	4	20	24	542	0.22	0.05	0.81	0.05	0.02	0.24	5	10	865
S9619203	340538	0	1	*	*	-1	-1	*	*	-1	-1	-1	33	111	2562	0.9	54	72	2	11	18	8.45	17	30	7	7	70	7	1	7	28	50	781	1.21	0.3	3.36	0.18	0.03	0.46	5	10	918
S9619204	340539	0	1	*	*	-1	-1	*	*	-1	-1	-1	38	72	212	1.3	7	90	1	10	21	7.58	8	45	2	20	117	17	3	7	24	14	667	0.95	0.17	2.84	0.1	0.01	0.85	5	10	833
S9619205	340540	0	1	*	*	-1	-1	*	*	-1	-1	-1	74	241	546	0.4	27	141	1	13	30	4.1	28	51	2	2	61	14	1	10	85	112	878	1.1	0.1	2.82	0.34	0.03	0.3	5	10	1106
S9619206	340541	0	1	*	*	-1	-1	*	*	-1	-1	-1	79	81	313	0.9	12	232	1	6	13	5.98	11	25	10	16	35	1	1	18	21	42	546	0.88	0.07	2.27	0.2	0.04	0.73	5	10	1088
S9619207	340542	0	1	*	*	-1	-1	*	*	-1	-1	-1	79	102	263	1.3	122	311	1	5	17	4.36	24	40	2	7	47	3	1	13	10	42	298	0.3	0.02	1.23	0.05	0.03	0.25	5	10	3073
S9619208	340543	0	1	*	*	-1	-1	*	*	-1	-1	-1	43	10	92	0.4	48	257	1	15	44	3.48	14	81	2	2	84	1	1	18	22	28	776	1.24	0.08	3.15	0.35	0.01	0.24	5	10	1322
S9619209	340544	0	1	*	*	-1	-1	*	*	-1	-1	-1	48	11	68	0.6	41	224	1	12	48	2.64	8	78	10	23	77	8	1	13	6	9	498	0.97	0.04	2.2	0.17	0.01	0.24	5	10	1566
S9619210	340545	0	1	*	*	-1	-1	*	*	-1	-1	-1	87	14	95	0.6	54	414	1	18	67	3.67	8	103	2	30	115	1	1	19	8	11	727	1.54	0.13	2.89	0.3	0.01	0.42	5	10	1811
S9619211	340546	0	1	*	*	-1	-1	*	*	-1	-1	-1	97	14	143	0.8	92	722	1	30	91	5.03	1	134	9	35	157	30	1	28	10	13	1121	2.3	0.18	3.6	0.48	0.01	1.01	5	10	2471
S9619212	340547	0	1	*	*	-1	-1	*	*	-1	-1	-1	102	19	162	1	29	795	1	33	105	5.27	8	149	9	27	165	1	1	31	16	19	1372	2.48	0.19	3.81	0.66	0.02	1.07	5	10	2464
S9619213	339285	0	1	*	*	-1	-1	*	*	-1	-1	-1	41	18	95	0.8	63	121	1	31	415	3.88	5	205	2	10	82	8	1	10	13	17	613	2.25	0.09	2.15	0.32	0.01	0.22	5	10	931
S9619214	339286	0	1	*	*	-1	-1	*	*	-1	-1	-1	14	12	36	0.4	26	63	1	9	80	2.11	2	150	2	12	51	14	1	6	3	6	481	0.8	0.03	1.3	0.07	0.02	0.03	5	10	955
S9619215	339287	0	1	*	*	-1	-1	*	*	-1	-1	-1	12	10	27	0.2	16	110	1	8	102	1.57	2	128	10	21	33	6	1	14	4	6	801	0.4	0.01	1.08	0.21	0.03	0.03	5	10	892
S9619216	339288	0	1	*	*	-1	-1	*	*	-1	-1	-1	39	30	169	0.8	59	95	1	43	448	4.13	11	285	2	44	83	27	1	8	7	7	1191	1.83	0.04	1.97	0.13	0.02	0.2	5	10	841
S9619217	339289	0	1	*	*	-1	-1	*	*	-1	-1	-1	39	21	197	0.7	43	101	1	18	265	3.51	10	158	6	14	84	1	1	9	18	28	446	1.43	0.07	2.07	0.22	0.03	0.16	5	10	820
S9619218	339291	0	1	*	*	-1	-1	*	*	-1	-1	-1	48	50	233	0.2	1	246	3	10	12	4.09	12	25	2	2	45	1	1	11	13	25	1823	0.78	0.14	1.7	0.26	0.03	0.64	5	10	1241
S9619219	339292	0	1	*	*	-1	-1	*	*	-1	-1	-1	27	53	143	0.9	2	138	1	3	7	2.22	11	16	11	2	15	1	1	5	10	21	358	0.35	0.04	1.09	0.07	0.03	0.3	5	10	2716
S9619220	339293	0	1	*	*	-1	-1	*	*	-1	-1	-1	23	78	140	1.1	3	113	1	9	2.52	7	29	7	8	34	1	1	8	8	16	1448	0.38	0.07	1.04	0.09	0.02	0.32	5	10	1487	
S9619221	339294	0	1	*	*	-1	-1	*	*	-1	-1	-1	22	38	191	1.3	4	159	1	4	7	1.82	6	21	11	2	28	17	1	8	6	10	1257	0.27	0.05	0.69	0.21	0.02	0.28	5	10	853
S9619222	339295	0	1	*	*	-1	-1	*	*	-1	-1	-1	10	11	53	0.2	1	73	1	1	4	0.37	5	9	2	2	5	1	1	8	2	4	1838	0.06	0.01	0.21	0.23	0.03	0.06	5	10	864
S9619223	339296	0	1	*	*	-1	-1	*	*	-1	-1	-1	55	10	163	0.2	39	74	2	11	254	0.99	8	129	2	9	18	4	1	30	59	35	386	0.4	0.01	1.03	1.28	0.04	0.04	5	10	791
S9619224	339297	0	1	*	*	-1	-1	*	*	-1	-1	-1	28	16	67	1	47	46	1	24	261	3.68	3	379	2	26	89	7	3	5	3	5	730	1.6	0.05	1.87	0.05	0.02	0.03	5	10	599
S9619225	339298	0	1	*	*	-1	-1	*	*	-1	-1	-1	11	9	37	0.4	1	57	1	4	15	1.01	5	25	2	13	16	2	1	8	2	4	762	0.17	0.01	0.44	0.15	0.03	0.07	5	10	758
S9619226	339299	0	1	*	*	-1	-1	*	*	-1	-1	-1	19	18	44	0.2	20	61	1	8	27	2.19	10	44	2	7	37	10	1	5	7	11	800	0.34	0.03	1.51	0.06	0.03	0.06	5	10	1129
S9619227	339300	0	1	*	*	-1	-1	*	*	-1	-1	-1	18	15	72	0.2	21	108	1	9	45	2.63	4	107	2	16	66	5	1	5	4	5	994	0.37	0.05	1.3	0.08	0.02	0.09	5	10	1115
S9619228	339301	0	1	*	*</																																					

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S9619287	339328	0	1	*	*	-1	-1	*	*	-1	-1	-1	33	24	70	0.7	139	56	1	71	849	4.37	9	328	2	29	42	6	6	7	14	18	1367	2.61	0.01	1.32	0.17	0.01	0.04	300	10	781	
S9619288	339329	0	1	*	*	-1	-1	*	*	-1	-1	-1	45	89	118	0.2	23	62	1	42	231	4.54	12	108	2	2	50	1	9	10	28	39	1927	1.84	0.01	2.25	0.23	0.01	0.06	5	10	1281	
S9620352	339780	-1M-10	50	1	2	1	2B	34	1	1	20	4	-1	22	6	78	0.2	1	172	1	12	16	4.1	9	39	2	12	79	1	1	10	14	19	618	1.19	0.17	2.47	0.34	0.01	0.88	-1	-1	-1
S9620353	339781	-1M-10	100	1	3	1	3B	32	1	1	10	3	-1	25	2	96	0.2	15	224	1	13	15	5.08	6	46	2	9	100	1	1	11	27	31	735	1.63	0.22	2.88	0.4	0.01	1.34	-1	-1	-1
S9620354	339782	-1M-10	150	1	2	1	3B	32	1	1	10	4	-1	22	6	139	0.2	1	233	1	11	18	4.87	6	51	2	12	100	1	1	12	9	13	770	1.15	0.16	2.68	0.27	0.02	0.75	-1	-1	-1
S9620355	339783	-1M-10	200	1	3	1	3B	32	2	1	10	4	-1	21	2	106	0.5	15	188	1	13	18	5.01	5	42	2	21	97	1	1	10	12	21	659	1.38	0.24	2.55	0.31	0.02	1.06	-1	-1	-1
S9620356	339784	-1M-10	250	1	3	1	3B	32	1	1	10	4	-1	25	4	81	0.4	1	120	1	15	22	5.45	4	87	5	12	112	6	1	13	17	23	687	1.38	0.25	3.41	0.3	0.03	1.08	-1	-1	-1
S9620357	339785	-1M-10	300	1	3	1	2B	32	1	1	10	4	-1	23	2	84	0.2	1	210	1	14	22	4.74	6	56	2	19	81	6	1	15	18	23	850	1.26	0.19	2.89	0.48	0.03	0.99	-1	-1	-1
S9620358	339786	-1M-10	350	1	2	1	2B	32	1	1	15	4	-1	18	5	75	0.2	1	150	1	15	15	4.1	4	33	2	6	89	3	1	10	10	15	863	0.94	0.16	2.28	0.36	0.02	0.79	-1	-1	-1
S9620359	339787	-1M-10	400	1	3	1	3B	34	2	1	10	4	-1	14	4	74	0.4	7	104	1	10	17	3.89	3	45	5	17	87	4	1	9	5	7	547	0.98	0.21	2.1	0.25	0.02	0.82	-1	-1	-1
S9620360	339788	-1M-10	450	1	3	1	2B	34	1	1	15	4	-1	14	2	71	0.2	1	114	1	17	16	5.74	4	44	2	10	132	1	1	20	16	26	826	1.63	0.27	3.21	0.62	0.02	1.43	-1	-1	-1
S9620361	339789	-1M-10	500	1	2	1	1B	34	1	1	20	3	-1	8	2	29	0.2	1	54	1	5	1.69	3	13	2	2	38	3	1	6	2	4	491	0.31	0.08	0.85	0.12	0.02	0.25	-1	-1	-1	
S9620362	339790	-1M-10	550	1	2	1	1B	34	1	1	20	3	-1	10	6	37	0.2	1	53	1	3	7	2	3	15	5	14	41	3	1	3	3	6	304	0.28	0.1	0.84	0.06	0.02	0.22	-1	-1	-1
S9620363	339791	-1M-10	600	1	2	1	3B	34	1	1	20	3	-1	18	2	64	0.2	1	117	1	10	18	3.74	5	35	7	10	68	1	1	9	12	18	466	1.01	0.17	2.1	0.31	0.01	0.69	-1	-1	-1
S9620364	339792	-1M-10	650	1	2	1	1B	34	2	1	20	3	-1	11	6	42	0.5	1	58	1	5	11	2.84	5	20	2	2	46	1	1	4	6	17	232	0.38	0.08	1.26	0.05	0.02	0.14	-1	-1	-1
S9620365	339793	-1M-10	700	1	2	1	2B	34	2	1	20	3	-1	10	2	28	0.2	1	59	1	2	5	1.26	6	11	2	2	19	4	1	8	16	21	392	0.17	0.01	0.81	0.06	0.03	0.13	-1	-1	-1
S9620366	339794	-1M-10	750	1	2	1	2B	34	1	1	20	3	-1	16	5	44	0.2	3	62	1	5	10	2.68	5	29	6	2	56	3	1	5	5	8	232	0.49	0.06	1.41	0.07	0.02	0.28	-1	-1	-1
S9620367	339795	-1M-10	800	1	2	1	2B	45	1	1	25	3	-1	12	2	50	0.2	1	91	1	8	12	2.47	4	36	2	8	50	3	1	16	34	37	712	0.73	0.03	1.88	0.37	0.01	0.32	-1	-1	-1
S9620368	339796	-1M-10	850	1	2	1	1B	34	2	1	20	4	-1	16	2	58	0.2	1	162	1	7	14	2.72	5	33	2	11	56	1	1	13	9	13	387	0.65	0.09	1.58	0.35	0.02	0.52	-1	-1	-1
S9620369	339797	-1M-10	900	1	2	1	1B	34	2	1	20	3	-1	19	38	99	0.4	1	125	1	12	19	4.09	4	60	2	10	89	6	1	8	10	21	632	1.13	0.15	2.45	0.21	0.01	0.65	-1	-1	-1
S9620370	339798	-1M-10	950	1	2	1	2B	34	1	1	20	3	-1	11	12	36	0.2	1	80	1	3	8	1.56	3	18	2	2	29	1	1	7	7	12	161	0.26	0.05	0.81	0.12	0.02	0.14	-1	-1	-1
S9620371	339799	-1M-10	1000	1	2	1	1B	34	1	1	20	3	-1	13	5	61	0.2	1	75	1	7	15	3.13	5	33	2	7	57	1	1	5	6	9	337	0.74	0.12	1.6	0.16	0.01	0.33	-1	-1	-1
S9620372	339800	-1M-10	1050	1	2	1	3B	34	1	1	20	3	-1	15	5	62	0.2	7	84	1	8	16	3.29	3	36	2	2	61	1	1	6	8	10	356	0.83	0.15	1.74	0.24	0.01	0.53	-1	-1	-1
S9620373	339801	-1M-10	1100	1	3	1	3B	12	1	1	15	3	-1	11	8	41	0.2	1	72	1	4	7	1.76	5	26	2	2	38	1	1	5	9	16	682	0.38	0.05	0.97	0.13	0.02	0.31	-1	-1	-1
S9620374	339802	-1M-10	1150	1	2	1	2B	34	1	1	20	3	-1	12	5	36	0.2	1	70	1	4	9	2.02	4	20	6	5	37	1	1	5	4	10	298	0.36	0.05	1.42	0.09	0.03	0.19	-1	-1	-1
S9620375	339803	-1M-10	1200	1	2	1	2B	32	1	1	15	3	-1	7	4	28	0.2	3	31	1	2	6	1.87	4	13	2	14	38	1	1	2	4	10	186	0.22	0.07	1.03	0.04	0.02	0.13	-1	-1	-1
S9620376	339804	-1M-10	1250	1	3	1	3B	12	1	1	15	3	-1	10	6	33	0.2	1	80	1	2	7	2.09	5	15	2	5	43	7	1	8	4	8	235	0.18	0.03	0.93	0.16	0.02	0.13	-1	-1	-1
S9620377	339805	-1M-10	1300	1	2	1	2B	34	1	1	20	3	-1	18	6	62	0.2	16	90	1	7	15	2.88	4	25	2	5	43	1	1	6	9	12	499	0.6	0.08	1.76	0.19	0.01	0.31	-1	-1	-1
S9620378	339806	-1M-10	1350	1	2	1	2B	34	1	1	20	3	-1	11	6	43	0.2	1	35	1	4	7	2.33	3	17	2	2	31	14	1	4	5	9	414	0.45	0.03	1.25	0.08	0.03	0.28	-1	-1	-1
S9620379	339807	-1M-10	1400	1	2	1	1B	34	1	1	20	3	-1	7	4	33	0.2	3	24	1	1	4	1.36	3	8	2	2	25	2	1	2	3	7	514	0.17	0.02	0.54	0.04	0.02	0.12	-1	-1	-1
S9620380	339808	-1M-10	1450	1	2	1	2B	34	1	1	20	3	-1	17	12	63	0.2	1	221	1	13	18	3.21	10	28	2	7	44	7	1	17	32	44	929	0.84	0.03	2.07	0.27	0.03	0.23	-1	-1	-1
S9620381	339809	-1M-10	1500	1	2	1	1B	34	1	1	20	3	-1	12	7	49	0.2	1	72	1	6	12	2.41	4	22	2	12	38	1	1	4	9	10	305	0.58	0.05	1.44	0.18	0.01	0.26	-1	-1	-1
S9620382	339810	-1M-10	1550	1	2	1	3B	34	1	1	20	3	-1	9	8	35	0.2	1	25	1	3	6	2.18	6	18	2	2	37	3	1	2	3	6	138	0.27	0.04	1.02	0.03	0.02	0.13	-1	-1	-1
S9620383	339811	-1M-10	1600	1	2	1	1B	45	1	1	15	3	-1	11	6	38	0.4	5	58	1	4	12	2.23	3	18	2	2	43	1	1	4	4	8	162	0.28	0.08	0.88	0.04	0.01	0.18	-1	-1	-1
S9620384	339812	-1M-10	1650	1	2	1	3B	34	1	1	20	3	-1	22	10	48	0.2	4	86	1	6	16	2.83	6	26	8	12	37	1	1	8	6	12	186	0.37	0.06	1.26	0.08	0.02	0.3	-1	-1	-1
S9620385	339813	-1M-10	1700	1	2	1	1B	34	1	1	20	3	-1	12	8	49	0.2	1	64	1	6	14	2.87	2	32	2	2	49	1	1	6	2	7	276	0.59	0.14	1.47	0.04	0.01	0.24	-1	-1	-1
S9620386	339814	-1M-10	1750	1	2	1	1B	34	1	1	20	3	-1	22	7	64	0.2	9	96	1	9	24	4.06	3	42	2	11	57	1	1	8	4	7	455	0.86	0.15	2.16	0.05	0.01	0.47	-1	-1	-1
S9620387	339815	-1M-10	1800	1	2	1	1B	34	1	1	20	3	-1	15	7	54	0.2	1	65	1	8	17	3.18	8	29	2	6	48	3	1	5	4	7	242	0.61	0.1	1.58	0.04	0.01	0.29	-1	-1	-1
S9620388	339816	-1M-10	1850	1	2	1	1B	34	1	1	20	3</																															

EXPO

S9620505	341707	700	PD-42	1	2	*	2B	24	1	1	15	3	B	39	6	141	1.3	1	207	1	23	27	8.23	4	78	21	15	197	1	1	10	12	9	810	2.05	0.45	3.35	0.22	0.03	1.6	-1	-1	-1
S9620508	341708	750	PD-42	1	2	*	2B	24	1	1	15	3	B	21	2	122	0.4	1	420	1	17	21	8.72	5	58	8	2	131	6	1	7	21	18	982	2.88	0.32	3.78	0.37	0.03	1.82	-1	-1	-1
S9620507	341709	800	PD-42	1	2	*	2B	24	1	1	20	3	B	28	2	135	0.5	4	1238	1	24	33	7.44	5	87	12	7	135	7	1	5	22	20	904	3.15	0.36	3.77	0.25	0.03	1.65	-1	-1	-1
S9620508	341710	850	PD-42	1	2	*	2B	24	1	1	15	3	B	27	2	83	0.7	1	1169	1	25	40	5.02	4	81	2	2	117	1	1	5	7	12	388	2.52	0.32	2.92	0.22	0.02	0.87	-1	-1	-1
S9620509	341711	900	PD-42	1	2	*	2B	24	1	1	20	3	B	17	6	63	0.5	7	230	1	7	7	3.53	3	23	2	10	64	1	1	4	5	8	993	0.37	0.12	1.17	0.08	0.03	0.2	-1	-1	-1
S9620510	341712	950	PD-42	1	2	*	2B	24	1	1	15	3	B	28	2	114	0.8	1	903	1	19	32	6.89	4	71	14	18	129	5	1	8	12	7	761	2.47	0.33	2.95	0.39	0.03	1.51	-1	-1	-1
S9620511	341713	1000	PD-42	1	2	*	2B	24	1	1	15	3	B	17	2	70	0.7	1	247	1	18	25	6.03	6	76	8	21	143	1	1	6	7	6	715	1.76	0.34	3.09	0.24	0.01	1.36	-1	-1	-1
S9620512	341714	1050	PD-42	1	2	*	2B	24	1	1	15	3	B	21	2	64	1	1	238	1	18	27	6.94	2	91	2	26	220	2	1	7	6	5	713	1.88	0.56	3.16	0.35	0.02	1.75	-1	-1	-1
S9620513	341715	1100	PD-42	1	2	*	2B	24	1	1	15	3	B	6	5	37	0.2	19	88	1	6	7	2.49	1	12	11	2	56	3	1	3	3	8	853	0.24	0.14	0.91	0.1	0.01	0.13	-1	-1	-1
S9620514	341716	1150	PD-42	1	2	*	2B	24	1	1	15	3	B	22	5	85	0.2	1	160	1	9	15	4.22	4	39	2	6	93	1	1	7	7	8	430	1.04	0.18	1.88	0.16	0.03	0.56	-1	-1	-1
S9620515	341717	1200	PD-42	1	2	*	2B	24	1	1	15	3	B	12	2	61	0.2	2	124	1	7	10	3.16	2	22	6	2	54	1	1	4	7	10	493	0.54	0.09	1.16	0.1	0.01	0.2	-1	-1	-1
S9620516	341718	1250	PD-42	1	2	*	2B	24	1	1	15	3	B	16	2	53	0.7	1	203	1	7	15	3.45	4	28	2	10	59	2	1	9	8	11	279	0.68	0.09	1.62	0.18	0.03	0.94	-1	-1	-1
S9620517	341719	1300	PD-42	1	2	*	2B	24	1	1	15	3	B	15	2	51	0.2	12	141	1	8	15	3.31	3	28	10	7	54	6	1	6	9	10	299	0.67	0.08	1.42	0.19	0.03	0.27	-1	-1	-1
S9620518	341720	1350	PD-42	1	2	*	2B	24	1	1	15	3	B	8	7	49	0.2	4	128	1	4	11	2.44	1	20	2	2	42	1	1	4	5	13	264	0.35	0.04	1.15	0.05	0.01	0.08	-1	-1	-1
S9620519	341721	1400	PD-42	1	2	*	2B	24	1	1	15	3	B	12	4	48	0.4	5	230	1	9	13	3.3	3	33	8	2	71	7	1	6	4	9	585	0.65	0.13	1.55	0.11	0.03	0.36	-1	-1	-1
S9620520	341722	1450	PD-42	1	2	*	2B	24	1	1	15	3	B	24	5	83	0.2	21	388	1	15	17	4.96	3	42	2	2	87	1	1	7	18	25	707	1.24	0.22	2.37	0.28	0.03	0.73	-1	-1	-1
S9620521	341723	1500	PD-42	1	2	*	2B	24	1	1	15	3	B	12	2	19	0.2	1	101	1	2	3	1.33	2	8	2	9	22	1	1	4	5	9	442	0.14	0.02	0.75	0.05	0.01	0.09	-1	-1	-1
S9620522	341724	1550	PD-42	1	2	*	2B	42	1	1	15	3	B	10	4	51	0.2	7	157	1	5	8	2.57	1	19	2	2	47	1	1	8	6	9	140	0.52	0.09	0.93	0.18	0.01	0.16	-1	-1	-1
S9620523	341725	1600	PD-42	1	2	*	2B	24	1	1	15	3	B	18	4	56	0.2	3	207	1	9	15	3.83	4	33	9	2	71	1	1	6	12	12	244	0.94	0.13	1.61	0.28	0.01	0.36	-1	-1	-1
S9620524	341726	1650	PD-42	1	2	*	2B	42	1	1	15	3	B	10	4	52	0.2	12	118	1	5	7	2.22	1	16	2	2	44	1	1	5	4	9	365	0.4	0.13	0.91	0.08	0.01	0.3	-1	-1	-1
S9620525	341727	1700	PD-42	1	2	*	2B	24	1	1	20	3	B	19	5	72	0.5	1	265	1	10	16	3.95	2	40	9	10	85	9	1	9	11	14	428	1.11	0.21	2	0.18	0.01	0.87	-1	-1	-1
S9620526	341728	1750	PD-42	1	2	*	2B	24	1	1	15	3	B	18	2	63	0.5	1	164	1	10	16	3.68	1	38	5	2	77	1	1	7	7	7	327	1.18	0.24	1.94	0.23	0.01	0.84	-1	-1	-1
S9620527	341729	1800	PD-42	1	2	*	2B	24	1	1	15	3	B	12	5	57	0.2	1	73	1	5	9	3.03	3	21	5	6	62	3	1	4	4	7	260	0.54	0.18	1.42	0.08	0.01	0.19	-1	-1	-1
S9620528	341730	1850	PD-42	1	2	*	2B	24	1	1	15	3	B	11	5	64	0.2	1	135	1	8	12	3.49	1	24	6	7	59	1	1	6	8	14	360	0.57	0.09	1.61	0.11	0.03	0.2	-1	-1	-1
S9620529	341731	1900	PD-42	1	2	*	2B	24	1	1	20	3	B	10	13	94	0.2	1	138	1	13	9	3.14	1	16	2	2	48	1	1	6	7	13	1153	0.48	0.12	1.42	0.09	0.03	0.3	-1	-1	-1
S9620530	341732	1950	PD-42	1	2	*	2B	24	1	1	15	3	B	14	13	80	0.6	4	96	1	8	13	3.54	3	27	7	2	83	1	1	4	7	8	364	0.9	0.2	1.74	0.19	0.02	0.51	-1	-1	-1
S9620531	341733	2050	PD-42	1	2	*	2B	24	1	1	15	3	B	9	9	42	0.2	1	49	1	3	6	1.63	1	10	2	2	34	1	1	3	5	9	167	0.18	0.06	0.6	0.05	0.03	0.11	-1	-1	-1
S9620532	341734	2100	PD-42	1	2	*	2B	24	1	1	20	3	B	7	9	37	0.4	1	41	1	4	9	1.99	4	18	2	2	38	6	1	4	5	9	165	0.4	0.08	1.07	0.08	0.01	0.1	-1	-1	-1
S9620533	341735	2150	PD-42	1	2	*	2B	24	1	1	20	3	B	14	8	68	0.5	10	75	1	10	17	3.56	3	39	11	18	65	6	1	4	8	10	399	0.71	0.11	1.84	0.12	0.01	0.24	-1	-1	-1
S9620534	341736	2200	PD-42	1	2	*	2B	24	1	1	15	3	B	11	13	58	0.2	8	52	1	6	15	2.98	3	30	6	2	57	1	1	4	5	11	328	0.44	0.08	1.38	0.08	0.01	0.13	-1	-1	-1
S9620535	341737	2250	PD-42	1	2	*	2B	24	1	2	15	3	B	31	174	353	2	14	193	1	20	53	5.48	8	99	9	6	100	1	1	10	67	56	641	1.88	0.21	4.37	0.42	0.02	1.07	-1	-1	-1
S9620536	341738	2260	PD-42	2	1	1	2G	32	1	3	15	2	3	27	11	131	0.2	15	211	1	14	21	4.42	7	45	5	2	80	1	1	10	47	50	763	1.33	0.19	2.34	0.51	0.01	0.92	-1	-1	-1
S9620537	341739	2300	PD-42	1	2	*	2B	24	2	1	15	3	B	9	13	61	0.6	1	86	1	8	14	2.82	3	31	10	2	60	1	1	8	4	7	531	0.61	0.11	1.35	0.18	0.01	0.42	-1	-1	-1
S9620538	341740	2350	PD-42	1	2	*	2B	42	2	1	20	3	B	11	8	64	0.5	11	137	1	14	18	3.14	2	46	6	11	72	1	1	12	4	8	2080	0.65	0.11	1.25	0.38	0.03	0.57	-1	-1	-1
S9620539	341741	2400	PD-42	1	2	*	2B	24	1	1	20	3	B	8	9	45	0.2	3	137	1	5	13	2.33	1	23	2	7	44	1	1	12	3	8	640	0.42	0.04	1.15	0.19	0.01	0.15	-1	-1	-1
S9621878	341632	0	PD-41	1	2	*	2B	24	1	2	10	3	B	15	2	82	0.2	13	72	1	4	9	2.28	5	14	12	2	33	1	1	4	7	11	361	0.53	0.09	1.04	0.06	0.02	0.4	-1	-1	-1
S9621879	341633	50	PD-41	1	2	*	2B	24	1	1	15	3	B	11	2	48	0.2	1	37	1	2	5	1.43	2	8	5	2	20	4	1	2	5	9	156	0.26	0.07	0.67	0.02	0.02	0.19	-1	-1	-1
S9621880	341634	100	PD-41	1	2	*	2B	24	1	1	15	3	B	18	2	104	0.2	1	112	1	8	12	2.79	5	28	2	2	47	2	1	6	9	14	462	0.85	0.12	1.49	0.09	0.02	0.5	-1	-1	-1
S9621881	341635	150	PD-41	1	2	*	2B	24	1	1	10	3	B	15	4	49	0.2	2	119	1	3	9	2.07	2	17	2	2	33															

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S9621910	341684	1800	PD-41	1	2	*	2B	24	1	2	15	3	B	24	6	87	0.2	14	165	1	12	21	4.56	6	45	7	12	86	1	1	8	12	14	680	1.33	0.17	2.75	0.21	0.01	0.8	-1	-1	-1
S9621911	341685	1850	PD-41	1	2	*	2B	24	1	2	15	3	B	30	6	95	0.2	1	207	1	14	21	4.53	5	52	2	26	85	9	1	14	13	17	675	1.41	0.16	2.73	0.3	0.01	0.96	-1	-1	-1
S9621912	341686	1700	PD-41	1	2	*	2B	23	1	2	15	3	B	35	2	106	0.6	1	250	1	17	19	4.88	4	59	9	12	104	12	1	10	15	20	855	1.8	0.18	2.82	0.43	0.01	1.33	-1	-1	-1
S9621913	341687	1750	PD-41	1	2	*	2B	24	1	2	15	3	B	23	2	58	0.2	1	309	1	18	18	5.53	7	60	9	9	140	8	1	20	24	34	1088	2.3	0.18	3.29	0.68	0.01	1.88	-1	-1	-1
S9621914	341688	1800	PD-41	1	2	*	2B	42	1	1	20	4	B	19	5	80	0.2	30	124	1	8	16	3.59	3	30	2	7	62	7	1	11	8	10	420	0.88	0.14	1.84	0.24	0.03	0.6	-1	-1	-1
S9621915	341689	1850	PD-41	1	2	*	2B	24	1	1	15	3	B	28	2	85	0.4	1	180	1	11	16	4.15	3	43	2	5	89	13	1	11	16	21	580	1.29	0.23	2.41	0.38	0.03	0.98	-1	-1	-1
S9621916	341670	1900	PD-41	1	2	*	2B	24	1	1	15	3	B	28	2	81	0.2	11	180	1	16	22	4.71	2	53	2	16	99	2	1	9	11	18	731	1.44	0.21	2.58	0.31	0.01	1.09	-1	-1	-1
S9621917	341671	1950	PD-41	1	2	*	2B	54	2	1	20	3	B	29	2	68	0.2	7	157	1	12	15	3.8	7	35	2	7	82	3	1	7	33	39	980	0.94	0.08	2.48	0.15	0.03	0.58	-1	-1	-1
S9621918	341672	PD-41	2000	1	2	*	2B	24	1	1	15	-1	B	21	2	71	0.2	1	129	1	9	15	3.58	3	34	2	10	71	1	1	7	9	12	413	1.06	0.13	2.03	0.23	0.01	0.65	-1	-1	-1
S9621919	341673	PD-41	2050	1	2	*	2B	24	2	1	15	-1	B	16	2	38	0.2	6	119	1	5	8	2.09	4	17	6	5	41	2	1	9	12	18	482	0.4	0.04	1.16	0.18	0.03	0.33	-1	-1	-1
S9621920	341674	PD-41	2100	1	2	*	2B	24	2	1	15	-1	B	20	2	84	0.2	1	151	1	12	19	4.6	4	38	12	9	82	1	1	7	9	15	755	1.21	0.26	2.44	0.19	0.03	0.82	-1	-1	-1
S9621921	341675	PD-41	2150	1	2	*	2B	24	1	1	15	-1	B	8	2	24	0.2	1	67	1	2	3	1.24	2	6	6	2	21	11	1	3	4	12	245	0.34	0.04	0.85	0.08	0.03	0.25	-1	-1	-1
S9621922	341676	PD-41	2200	1	2	*	2B	24	1	2	20	-1	B	19	4	89	0.2	16	113	1	9	18	3.79	4	35	15	11	73	1	1	7	9	14	410	0.98	0.21	1.99	0.23	0.03	0.64	-1	-1	-1
S9621923	341677	PD-41	2250	1	2	*	2B	24	1	1	15	-1	B	14	2	48	0.2	4	40	1	4	10	2.88	3	17	2	11	48	3	1	3	3	6	274	0.42	0.12	1.25	0.04	0.02	0.28	-1	-1	-1
S9621924	341678	PD-41	2300	1	2	*	2B	42	1	1	20	-1	B	11	5	32	0.5	21	39	1	2	5	1.81	3	9	2	15	40	9	1	2	3	5	164	0.16	0.14	0.66	0.03	0.02	0.15	-1	-1	-1
S9621925	341679	PD-41	2350	1	2	*	2B	24	1	1	15	-1	B	16	2	56	0.2	12	107	1	7	15	2.94	3	28	2	8	56	6	1	8	11	14	330	0.8	0.09	1.6	0.27	0.01	0.5	-1	-1	-1
S9621926	341680	PD-41	2400	1	2	*	2B	24	1	2	20	-1	B	15	2	57	0.2	18	112	1	8	12	3.07	2	29	2	5	62	10	1	9	25	26	469	0.93	0.09	1.73	0.38	0.01	0.58	-1	-1	-1
S9621927	341681	PD-41	2450	1	2	*	2B	24	2	1	25	-1	B	15	2	55	0.4	1	119	1	6	11	2.78	2	25	2	2	52	2	3	15	21	25	575	0.68	0.05	1.54	0.31	0.03	0.4	-1	-1	-1
S9621928	341682	PD-41	2500	1	2	*	2B	24	2	1	20	-1	B	14	8	47	0.2	1	109	1	8	8	1.91	2	14	2	11	37	2	1	14	14	18	1678	0.26	0.01	1.08	0.22	0.03	0.19	-1	-1	-1
S9621929	341683	PD-41	2550	1	2	*	2B	24	2	1	20	-1	B	11	2	31	0.2	5	74	1	1	4	1.01	2	7	2	2	19	10	1	7	7	18	123	0.07	0.01	0.49	0.07	0.04	0.09	-1	-1	-1
S9621930	341684	PD-41	2600	1	2	*	2B	24	1	1	20	-1	B	12	2	43	0.6	7	80	1	4	8	1.75	2	12	5	2	30	10	1	8	10	17	449	0.27	0.06	0.81	0.14	0.03	0.25	-1	-1	-1
S9621931	341685	PD-41	2650	1	2	*	RB	24	1	1	15	-1	B	15	5	58	0.5	11	68	1	5	13	4.15	2	25	10	12	89	1	1	5	5	6	276	0.59	0.24	1.45	0.13	0.03	0.4	-1	-1	-1
S9621932	341686	PD-41	2700	1	2	*	2B	24	1	1	15	-1	B	11	6	37	0.2	1	59	1	3	5	2.15	1	12	2	2	37	7	1	3	4	4	438	0.3	0.16	0.86	0.08	0.03	0.33	-1	-1	-1
S9621933	341687	PD-41	2750	1	2	*	2B	24	1	1	20	-1	B	14	6	62	0.5	4	80	1	7	16	2.85	1	26	2	13	53	11	2	5	7	10	327	0.73	0.15	1.8	0.17	0.03	0.41	-1	-1	-1
S9621934	341688	PD-41	2800	1	2	*	2B	24	1	2	20	-1	B	14	4	49	0.2	20	78	1	7	13	2.91	1	25	2	9	53	4	1	5	8	9	347	0.7	0.11	1.54	0.28	0.01	0.49	-1	-1	-1
S9621935	341689	PD-41	2850	1	2	*	2B	24	1	1	15	-1	B	12	6	50	0.2	3	88	1	3	12	3.05	4	22	2	14	62	4	1	8	8	10	247	0.43	0.12	1.15	0.15	0.03	0.18	-1	-1	-1
S9621936	341690	PD-41	2900	1	2	*	2B	24	1	1	20	-1	B	12	2	53	0.2	18	71	1	6	13	2.78	1	23	2	2	49	3	1	5	7	9	283	0.59	0.09	1.45	0.15	0.01	0.29	-1	-1	-1
S9621937	341691	PD-41	2950	1	2	*	2B	24	1	1	20	-1	B	15	6	47	0.2	2	90	1	4	9	2.13	4	17	2	2	35	3	1	10	18	20	398	0.45	0.04	1.33	0.22	0.03	0.28	-1	-1	-1
S9621938	341692	PD-41	3000	1	2	*	2B	24	1	1	15	-1	B	12	6	37	0.2	9	38	1	3	7	1.88	4	12	2	7	32	5	1	5	4	7	398	0.13	0.01	0.84	0.07	0.03	0.1	-1	-1	-1
S9622932	341089	MW41	50	1	2	*	3B	43	2	2	15	4	B2	11	6	128	0.6	1	208	1	10	12	4.4	14	39	5	8	72	1	1	9	18	32	625	1.67	0.15	2.86	0.3	0.01	0.8	-1	-1	-1
S9622933	341090	MW41	100	1	2	*	3B	43	2	2	15	4	B1	23	6	133	0.2	1	181	1	9	8	2.7	6	27	5	7	52	1	1	8	4	8	2399	0.78	0.07	1.35	0.21	0.04	0.76	-1	-1	-1
S9622934	341091	MW41	150	1	2	*	3B	42	2	2	10	4	B1	20	15	104	0.4	1	125	1	11	24	3.97	9	49	2	2	91	4	1	6	8	6	567	1.21	0.2	1.93	0.13	0.03	0.98	-1	-1	-1
S9622935	341092	MW41	200	1	2	*	3B	32	1	2	20	4	B1	30	10	200	0.2	1	390	1	28	14	4.09	4	35	2	2	67	1	1	15	10	16	4534	1.13	0.05	2.2	0.21	0.01	1.11	-1	-1	-1
S9622936	341093	MW41	250	1	2	*	2B	34	1	2	20	4	B1	15	5	86	1	9	118	1	9	11	3.53	4	31	5	2	69	1	1	5	15	27	929	0.82	0.21	1.67	0.11	0.03	0.85	-1	-1	-1
S9622937	341094	MW41	300	1	2	*	3B	34	1	2	15	4	B1	14	14	73	0.2	1	364	1	19	6	2.18	4	14	2	2	38	1	1	4	4	9	8304	0.26	0.02	1.16	0.03	0.03	0.23	-1	-1	-1
S9622938	341095	MW41	350	1	2	*	2B	43	1	2	15	4	B1	15	6	104	0.2	9	122	1	8	12	3.35	6	24	8	2	49	1	1	5	8	12	844	0.66	0.12	1.39	0.11	0.03	0.61	-1	-1	-1
S9622939	341096	MW41	400	1	2	*	2B	45	1	2	20	4	B1	15	4	80	0.2	14	102	1	6	11	3.43	8	27	2	7	64	1	1	5	11	15	357	0.82	0.15	1.53	0.08	0.03	0.57	-1	-1	-1
S9622940	341097	MW41	450	1	2	*	3B	34	1	1	20	4	B1	13	16	67	0.2	1	385	1	15	5	1.9	6	11	5	2	34	1	1	8	14	28	7188	0.13	0.02	0.68	0.13	0.03	0.15	-1	-1	-1
S9622941	341098	MW41	500	1	2	*	3B	43	1	1	20	4	B2	19	5	68	0.4	1	118	1	9	16	3.48	7	34																		

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S9622970	341129	MW41	2050	1	2	*	2B	42	1	1	15	4	B1	18	4	74	0.4	6	96	1	6	13	3.24	4	27	2	2	54	1	1	6	5	10	423	0.65	0.12	1.49	0.1	0.04	0.36	-1	-1	-1	
S9622971	341130	MW41	2100	1	2	*	2B	43	1	2	10	3	B1	18	2	70	0.4	6	139	1	10	18	3.89	11	39	5	7	76	1	1	7	12	18	466	1.23	0.23	2.28	0.24	0.01	0.81	-1	-1	-1	
S9622972	341131	MW41	2150	1	2	*	3B	42	2	2	10	3	B1	22	6	65	0.2	14	186	1	8	12	3.6	12	26	2	2	67	1	1	13	31	43	701	0.67	0.07	1.9	0.21	0.04	0.49	-1	-1	-1	
S9622973	341132	MW41	2200	1	2	*	1B	32	1	2	10	3	B1	11	4	44	0.4	1	59	1	3	4	2	3	16	7	2	43	3	1	3	3	7	240	0.4	0.15	0.91	0.04	0.01	0.34	-1	-1	-1	
S9622974	341133	MW41	2250	1	2	*	2B	43	1	2	15	3	B1	22	5	80	0.2	1	136	1	11	16	4.05	7	40	2	2	83	1	1	7	11	16	557	1.25	0.18	2.18	0.28	0.01	0.93	-1	-1	-1	
S9622975	341134	MW41	2300	1	2	*	2B	43	1	2	20	3	B1	19	7	73	0.2	1	123	1	10	15	3.66	6	34	2	2	72	1	1	6	10	13	522	1.02	0.21	2.04	0.27	0.01	0.74	-1	-1	-1	
S9622976	341135	MW41	2350	1	2	*	3B	43	2	2	10	3	Bh	20	7	34	0.6	13	134	1	3	9	1.54	8	17	6	2	25	1	1	12	23	38	223	1.08	0.01	1.23	0.13	0.04	0.11	-1	-1	-1	
S9622977	341136	MW41	2400	1	3	*	2B	42	1	2	20	3	B1	16	7	45	0.2	16	75	1	4	9	2.22	7	21	2	2	44	1	1	5	6	13	247	0.4	0.1	1.21	0.08	0.04	0.28	-1	-1	-1	
S9622978	341138	MW41	2500	1	2	*	2B	42	1	2	15	3	B1	14	4	53	0.2	13	108	1	8	12	2.81	9	31	2	2	55	1	1	6	9	14	599	0.72	0.1	1.55	0.26	0.01	0.49	-1	-1	-1	
S9622979	341139	MW41	2550	1	2	*	3B	32	1	2	25	4	B1	11	4	34	0.2	1	65	1	3	8	1.74	5	16	5	2	33	1	1	5	7	13	228	0.38	0.06	1	0.1	0.04	0.25	-1	-1	-1	
S9622980	341141	MW41	2650	1	2	*	2B	43	1	2	5	4	B1	24	6	77	0.2	1	183	1	13	17	4.14	5	42	2	2	85	1	1	10	13	22	691	1.27	0.19	2.34	0.37	0.01	0.99	-1	-1	-1	
S9622981	341142	MW41	2700	1	2	*	2B	34	1	2	5	4	B1	19	2	70	0.2	1	151	1	9	14	3.83	5	33	6	2	73	1	1	8	16	30	553	1.07	0.21	2.2	0.27	0.01	0.78	-1	-1	-1	
S9622982	341143	MW41	2750	1	2	*	2B	32	1	2	25	4	B1	23	6	84	0.2	10	176	1	12	18	4.27	5	39	2	2	82	1	1	11	15	18	693	1.3	0.17	2.33	0.4	0.01	1.02	-1	-1	-1	
S9622983	341144	MW41	2800	1	2	*	2B	34	1	2	20	4	B1	24	10	86	0.2	1	167	1	10	16	3.72	11	36	2	5	75	1	1	19	16	19	595	1.05	0.13	2.15	0.4	0.04	0.78	-1	-1	-1	
S9622984	341145		-1	1	2	*	2B	32	1	2	15	4	B1	20	5	76	0.5	1	159	1	11	16	3.87	8	36	6	24	77	1	1	9	13	19	628	1.15	0.15	2.27	0.3	0.01	0.79	-1	-1	-1	
S9625790	340782	JM-43		2	1	1	2G	32	2	3	10	12		2	45	11	120	0.2	1	305	1	11	23	3.2	9	46	2	2	50	1	3	13	59	61	491	1.26	0.1	1.68	0.61	0.04	0.56	-1	-1	-1
S9625791	340783	JM-43	50	1	2	*	GB	32	1	2	5	4	C	23	4	59	0.2	12	368	1	11	23	2.92	3	55	5	2	47	1	6	10	17	19	353	1.2	0.08	1.66	0.35	0.01	0.7	-1	-1	-1	
S9625792	340784	JM-43	100	1	2	*	2B	34	1	2	15	4	B2	8	4	31	0.2	5	108	1	3	6	1.44	2	18	2	10	23	1	6	3	2	4	293	0.25	0.04	0.74	0.05	0.03	0.08	-1	-1	-1	
S9625793	340785	JM-43	150	1	2	*	2B	32	2	2	15	4	B2	10	4	45	0.2	1	118	1	5	12	3.12	4	36	2	2	55	1	5	4	4	4	180	0.8	0.1	1.55	0.1	0.01	0.31	-1	-1	-1	
S9625794	340786	JM-43	200	1	2	*	2B	32	2	2	15	3	B2	10	6	40	0.2	1	178	1	4	8	2.33	1	24	2	2	41	1	3	6	3	4	397	0.5	0.12	1.08	0.08	0.03	0.28	-1	-1	-1	
S9625795	340787	JM-43	250	1	2	*	2B	32	2	2	20	3	B2	6	6	85	0.2	12	251	1	7	13	3.34	1	33	7	11	55	5	4	5	4	4	440	0.87	0.14	1.6	0.09	0.01	0.51	-1	-1	-1	
S9625796	340788	JM-43	300	1	2	*	2B	32	2	2	20	3	B2	7	7	49	0.2	1	160	1	5	6	2.18	2	19	2	10	41	1	6	5	2	3	563	0.31	0.09	1.18	0.05	0.03	0.11	-1	-1	-1	
S9625797	340789	JM-43	350	1	2	*	2B	32	2	2	30	3	B2	6	9	47	0.2	5	129	1	3	5	2.18	2	13	2	9	40	3	7	4	2	4	380	0.3	0.11	0.98	0.05	0.01	0.2	-1	-1	-1	
S9625798	340790	JM-43	400	1	2	*	2B	32	2	2	20	2	B2	7	8	44	0.2	2	205	1	8	12	2.28	1	27	5	10	42	4	4	3	3	4	278	0.64	0.1	1.04	0.07	0.01	0.51	-1	-1	-1	
S9625799	340791	JM-43	450	1	5	*	2B	32	2	2	25	2	B2	8	10	34	0.2	1	85	1	5	9	2.48	1	16	2	6	37	1	5	3	10	25	166	0.62	0.06	1.42	0.05	0.01	0.21	-1	-1	-1	
S9625800	340792	JM-43	500	1	2	*	2B	32	2	2	30	3	B2	7	6	50	0.2	1	133	1	4	10	3.03	1	25	2	11	60	1	3	6	7	12	330	0.67	0.14	1.44	0.09	0.01	0.27	-1	-1	-1	
S9625801	340793	JM-43	550	1	2	*	2B	34	2	2	30	3	B2	9	6	49	0.2	1	108	1	6	12	3.03	2	28	2	14	49	1	4	4	9	13	249	0.72	0.09	1.62	0.08	0.01	0.16	-1	-1	-1	
S9625802	340794	JM-43	600	1	2	*	2B	34	2	2	15	3	B2	7	5	44	0.2	1	102	1	8	12	5.61	2	19	6	23	75	1	5	3	14	3	315	1.53	0.21	2.7	0.24	0.01	0.81	-1	-1	-1	
S9625803	340795	JM-43	650	1	2	*	2B	32	2	2	25	3	B2	7	2	28	0.2	10	216	1	9	15	3.54	8	39	2	2	48	1	2	10	29	55	445	1.11	0.09	1.74	0.37	0.01	0.61	-1	-1	-1	
S9625804	340796	JM-43	700	1	5	*	BR	32	2	2	25	3	B2	13	4	91	0.2	1	168	1	6	10	3.73	3	29	5	16	89	2	3	7	3	2	323	0.94	0.3	1.8	0.12	0.01	0.67	-1	-1	-1	
S9625805	340797	JM-43	750	1	5	*	2B	32	2	2	25	2	B2	5	6	27	0.2	4	53	1	2	5	2.11	1	13	2	8	58	1	3	2	3	3	145	0.41	0.16	0.92	0.03	0.01	0.21	-1	-1	-1	
S9625806	340798	JM-43	800	1	5	*	2B	32	2	2	20	2	B2	4	2	25	0.2	8	31	1	1	4	1.53	1	8	2	5	30	1	3	1	1	1	120	0.22	0.1	0.6	0.02	0.01	0.1	-1	-1	-1	
S9625807	340799	JM-43	850	1	5	*	BG	34	2	2	30	2	B2	3	6	8	0.2	1	30	1	1	1	0.44	2	4	2	2	11	1	3	2	1	4	51	0.07	0.02	0.43	0.02	0.03	0.04	-1	-1	-1	
S9625808	340800	JM-43	900	1	5	*	2B	34	1	2	25	2	B2	3	2	25	0.2	1	67	1	2	2	1.64	3	9	2	5	30	1	4	2	2	4	219	0.44	0.08	1.16	0.03	0.01	0.22	-1	-1	-1	
S9625809	340801	JM-43	950	1	5	*	2B	32	2	2	25	2	B2	6	7	31	0.2	4	82	1	2	8	2.05	1	12	5	2	25	1	5	2	3	5	176	0.34	0.04	1.42	0.04	0.01	0.11	-1	-1	-1	
S9625810	340802	JM-43	1000	1	5	*	3B	34	2	2	30	2	B2	20	18	71	0.2	18	357	1	39	13	5.04	8	33	2	7	84	1	1	8	14	27	4284	0.92	0.12	2.29	0.17	0.03	0.52	-1	-1	-1	
S9625811	340803	JM-43	1050	1	5	*	2B	32	2	2	25	2	B2	13	5	24	0.2	2	134	1	3	8	2.73	1	19	10	2	36	1	5	4	4	6	149	0.21	0.08	1.12	0.04	0.03	0.17	-1	-1	-1	
S9625812	340804	JM-43	1100	1	5	*	3B	34	2	2	35	1	B1	32	11	80	0.4	3	476	1	11	21	4.25	13	41	2	9	74	6	6	12	38	79	620	0.89	0.04	3.1	0.22	0.03	0.4	-1	-1	-1	
S9625813	340805	JM-43	1150	1	5	*	2B	34	2	2	30	1	B2	13	5	47	0.2	1	328	1	6	11	2.59	6	28	2	2	51	1	12	8	30	55	309</										

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S9628752	339833	IM-11	100	1	2	1	1B	34	1	1	20	3	B	15	13	59	0.2	15	70	1	8	18	2.72	4	22	2	2	39	1	1	7	3	10	284	0.38	0.08	1.15	0.06	0.03	0.31	-1	-1	-1
S9628753	339834	IM-11	150	1	2	1	2B	34	1	1	15	3	B	7	8	24	0.2	10	34	1	2	8	1.1	1	10	2	2	17	1	1	3	2	9	86	0.14	0.03	0.53	0.03	0.02	0.09	-1	-1	-1
S9628754	339835	IM-11	200	1	2	1	1B	34	1	1	20	3	B	13	10	54	0.9	15	51	1	7	18	3.46	3	27	2	2	41	7	1	3	2	7	212	0.45	0.08	1.45	0.02	0.01	0.25	-1	-1	-1
S9628755	339836	IM-11	250	1	2	1	2B	34	1	1	20	3	B	22	13	76	0.4	5	62	1	10	25	3.53	5	29	7	9	37	4	1	6	9	10	391	0.61	0.08	1.64	0.11	0.03	0.43	-1	-1	-1
S9628756	339837	IM-11	300	1	2	1	1B	34	1	1	20	3	B	8	9	33	0.5	13	36	1	4	10	1.7	1	13	5	2	24	1	1	3	2	5	145	0.22	0.05	0.69	0.03	0.03	0.13	-1	-1	-1
S9628757	339838	IM-11	350	1	2	1	1B	34	1	1	20	3	B	9	9	43	0.4	10	53	1	4	11	1.95	2	15	2	6	30	1	1	4	2	7	154	0.28	0.04	0.94	0.04	0.03	0.09	-1	-1	-1
S9628758	339839	IM-11	400	1	2	1	1B	35	1	1	20	3	B	11	7	49	0.4	17	59	1	6	17	2.28	2	21	8	13	27	3	1	7	8	9	207	0.42	0.05	1.1	0.12	0.03	0.22	-1	-1	-1
S9628759	339840	IM-11	450	1	2	1	2B	34	1	1	15	3	B	10	8	41	0.2	3	57	1	3	11	1.81	4	17	2	2	35	1	1	5	4	9	140	0.25	0.05	0.88	0.05	0.03	0.13	-1	-1	-1
S9628760	339841	IM-11	500	1	2	1	1B	34	1	1	20	3	B	13	8	50	0.2	1	80	1	6	14	2.22	3	23	2	2	35	3	1	4	5	11	195	0.45	0.08	1.23	0.06	0.03	0.25	-1	-1	-1
S9628761	339842	IM-11	550	1	2	1	2B	35	1	1	20	3	B	8	5	28	0.2	7	35	1	3	8	1.5	2	15	2	2	23	5	1	3	2	6	111	0.29	0.04	0.89	0.04	0.03	0.1	-1	-1	-1
S9628762	339843	IM-11	600	1	2	1	1B	34	1	1	20	3	B	12	8	55	0.5	1	79	1	6	16	2.52	2	24	2	2	40	1	1	5	3	8	217	0.45	0.09	1.24	0.08	0.03	0.28	-1	-1	-1
S9628763	339844	IM-11	650	1	2	1	3B	35	1	1	20	3	B	14	10	49	0.2	10	115	1	5	14	2.38	6	22	5	2	31	1	1	5	23	43	189	0.41	0.03	1.98	0.08	0.03	0.12	-1	-1	-1
S9628764	339845	IM-11	700	1	2	1	2B	45	1	1	20	3	B	10	4	42	0.2	1	52	1	4	9	1.92	1	20	2	2	36	1	1	5	5	9	188	0.4	0.07	1	0.09	0.03	0.18	-1	-1	-1
S9628765	339846	IM-11	750	1	2	1	3B	45	1	1	20	3	B	9	5	22	0.2	8	73	1	3	7	1.36	4	12	2	2	28	3	1	12	15	18	365	0.19	0.02	0.81	0.32	0.04	0.13	-1	-1	-1
S9628766	339847	IM-11	800	1	2	1	1B	45	1	1	20	3	B	25	7	64	0.4	21	114	1	11	24	4.19	3	42	2	10	79	1	1	7	4	5	341	0.74	0.25	2.1	0.09	0.03	0.58	-1	-1	-1
S9628767	339848	IM-11	850	1	2	1	1B	43	1	1	20	3	B	17	9	49	0.4	4	92	1	8	19	3.43	4	28	6	10	57	6	1	5	5	7	242	0.53	0.12	1.69	0.06	0.03	0.45	-1	-1	-1
S9628768	339849	IM-11	900	1	2	1	1B	45	1	1	20	3	B	6	9	18	0.4	5	20	1	1	4	1.09	1	8	2	2	26	1	1	2	2	6	85	0.13	0.06	0.53	0.03	0.03	0.07	-1	-1	-1
S9628769	339850	IM-11	950	1	2	1	BR	45	1	1	20	4	B	8	7	29	0.4	7	31	1	2	6	1.72	2	13	2	6	31	10	1	2	3	6	115	0.25	0.05	0.91	0.04	0.03	0.11	-1	-1	-1
S9628770	339851	IM-11	1000	1	2	1	1B	45	1	1	20	4	B	7	6	23	0.2	1	33	1	1	5	1.04	3	9	2	2	18	2	1	3	4	9	81	0.17	0.02	0.62	0.05	0.03	0.09	-1	-1	-1
S9628771	339852	IM-11	1050	1	2	1	1B	35	1	1	20	4	B	6	8	40	0.4	1	28	1	2	6	2.18	3	14	2	5	33	2	1	2	2	6	127	0.24	0.04	0.63	0.03	0.01	0.09	-1	-1	-1
S9628772	339853	IM-11	1100	1	2	1	1B	34	1	1	20	4	B	5	14	32	0.2	6	32	1	2	5	1.97	2	11	6	2	38	2	1	3	2	6	115	0.19	0.05	0.68	0.05	0.03	0.11	-1	-1	-1
S9628773	339854	IM-11	1150	1	2	1	1B	34	1	1	20	4	B	7	17	51	0.5	15	58	1	3	9	1.83	3	17	2	2	31	2	1	3	3	8	147	0.28	0.08	0.71	0.05	0.03	0.22	-1	-1	-1
S9628774	339855	IM-11	1200	1	2	1	3B	34	2	1	10	4	B	8	10	64	0.2	1	150	1	5	4	1.1	1	6	2	2	16	1	1	4	2	4	2484	0.05	0.01	0.43	0.04	0.03	0.08	-1	-1	-1
S9628775	339856	IM-11	1250	1	2	1	1B	34	1	1	15	3	B	3	4	8	0.5	1	14	1	1	1	0.47	1	4	5	2	7	1	1	2	1	3	34	0.02	0.01	0.39	0.02	0.03	0.03	-1	-1	-1
S9628776	339857	IM-11	1300	1	2	1	3B	34	1	1	20	3	B	25	9	100	0.4	4	178	1	14	19	4.2	4	47	2	16	88	1	1	13	17	24	718	1.34	0.19	2.42	0.5	0.03	1.07	-1	-1	-1
S9628777	339858	IM-11	1350	1	2	1	3B	34	2	1	15	3	B	6	2	7	0.2	4	27	1	1	2	0.45	2	2	2	2	5	1	1	4	4	6	22	0.03	0.01	0.43	0.05	0.03	0.03	-1	-1	-1
S9628778	339859	IM-11	1400	1	2	1	3B	34	1	1	20	3	B	11	5	40	0.2	1	43	1	4	9	2.2	2	20	2	2	41	2	1	3	3	5	183	0.46	0.07	1.25	0.05	0.04	0.21	-1	-1	-1
S9628779	339860	IM-11	1450	1	2	1	2B	34	1	1	20	3	B	18	6	83	0.2	4	110	1	9	15	3.36	4	31	2	7	62	8	1	6	8	13	386	0.82	0.15	1.83	0.25	0.03	0.49	-1	-1	-1
S9628780	339861	IM-11	1500	1	2	1	2B	34	1	1	20	3	B	11	7	44	0.6	5	52	1	5	12	2.23	1	22	2	2	45	2	1	4	4	8	222	0.5	0.1	1.16	0.08	0.03	0.26	-1	-1	-1
S9628781	339862	IM-11	1550	1	2	1	2B	34	1	1	20	3	B	8	4	32	0.4	17	35	1	2	6	1.74	3	12	7	2	35	7	1	3	2	6	131	0.2	0.06	0.73	0.04	0.03	0.11	-1	-1	-1
S9628782	339863	IM-11	1600	1	2	1	2B	34	1	1	20	4	B	7	9	38	0.6	6	35	1	3	8	1.85	1	12	2	5	30	1	1	5	2	6	129	0.19	0.05	0.68	0.06	0.03	0.1	-1	-1	-1
S9628783	339864	IM-11	1650	1	2	1	1B	32	1	1	20	4	B	9	5	41	0.2	28	41	1	3	8	1.65	5	13	2	2	31	4	1	3	3	9	200	0.18	0.05	0.61	0.05	0.02	0.12	-1	-1	-1
S9628784	339865	IM-11	1700	1	2	1	1B	34	1	1	20	4	B	12	5	52	0.6	1	60	1	6	11	2.41	3	20	2	2	44	3	1	4	7	10	973	0.39	0.08	0.92	0.05	0.02	0.19	-1	-1	-1
S9628785	339866	IM-11	1750	1	2	1	1B	34	1	1	20	4	B	7	9	31	0.4	1	30	1	2	4	1.58	4	11	7	2	34	4	1	2	3	6	170	0.22	0.07	0.67	0.04	0.03	0.11	-1	-1	-1
S9628786	339867	IM-11	1800	1	2	1	3B	34	2	1	15	4	B	7	11	17	0.6	2	36	1	1	4	1.34	2	9	2	2	15	1	1	3	3	14	63	0.09	0.02	0.67	0.03	0.04	0.04	-1	-1	-1
S9628787	339868	IM-11	1850	1	3	1	2B	32	1	1	15	4	B	9	10	38	0.2	1	38	1	2	6	2.1	2	12	2	6	45	2	1	2	3	8	244	0.15	0.09	0.78	0.04	0.03	0.08	-1	-1	-1
S9628788	339869	IM-11	1900	1	3	1	3B	32	1	1	15	4	B	9	8	71	0.2	17	153	1	2	7	1.75	3	12	2	2	28	4	1	6	3	7	981	0.24	0.05	0.77	0.19	0.04	0.16	-1	-1	-1
S9628789	339870	IM-11	1950	1	2	1	2B	34	1	1	20	4	B	12	7	52	0.2	1	88	1	5	9	2.06	1	20	2	2	37	1	1	4	9	16	365	0.42	0.1	0.93	0.12	0.03	0.3	-1	-1	-1
S9628790	339871	IM-11	2000	1	2	1	2B	34	1	1	20	4	B	9	13	59	0.5	8	117	1	4	11	2.43	2	21	2	2	41	1	1	5	3	5	221	0.								

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S9610901	300611	DV-4	3450	1	4	*	2B 35	1	2	10	2	C	14	20	188	0.2	16	107	1	1	10	2.6	5	52	5	2	28	1	1	8	8	98	539	1.02	0.11	1.98	0.07	0.02	0.78	5	10	1137
S9610902	300612	DV-4	3500	1	4	*	2B 24	2	2	15	3	C	37	27	231	0.2	20	119	1	1	12	2.55	6	51	6	2	24	1	2	11	7	55	494	0.99	0.09	1.86	0.07	0.02	0.74	5	10	1171
S9613245	325915	-50	1800	1	2	*	2B 23	1	2	10	2	B2	10	9	47	0.2	1	83	1	3	12	1.5	1	14	2	2	21	6	10	5	3	7	131	0.28	0.02	0.68	0.07	0.01	0.05	5	10	1431
S9613248	325918	-100	1800	1	2	*	2B 24	1	2	10	2	B2	10	8	70	0.2	8	147	1	3	14	1.58	1	16	6	2	20	8	6	7	5	8	178	0.22	0.01	0.76	0.09	0.01	0.07	5	10	1359
S9613247	325917	-150	1800	1	2	*	2B 24	1	2	10	2	B2	8	10	68	0.2	14	163	1	3	10	1.97	1	12	2	2	28	6	6	9	3	8	224	0.33	0.03	0.82	0.08	0.01	0.11	5	10	1333
S9613248	325918	-200	1800	1	2	*	2B 32	1	1	15	2	B2	12	11	41	0.2	17	127	1	1	7	0.95	1	10	2	2	17	10	6	7	2	8	107	0.08	0.01	0.36	0.05	0.01	0.06	36	10	1769
S9613249	325919	0	1800	1	2	*	2G 32	1	2	15	2	B2	12	9	60	0.2	14	153	1	2	12	1.14	1	8	5	2	18	4	9	18	3	7	146	0.16	0.01	0.33	0.26	0.01	0.09	20	10	1884
S9613250	325920	50	1800	1	2	*	2G 54	2	2	20	2	B2	41	16	85	0.2	27	410	1	4	31	1.84	3	24	2	2	21	7	8	33	25	26	297	0.38	0.01	1.25	0.56	0.01	0.11	-1	-1	1509
S9613251	325921	100	1800	1	2	*	2G 32	1	2	20	2	B2	37	12	153	0.2	26	505	2	4	35	1.95	3	23	2	2	24	7	5	35	20	20	254	0.39	0.01	1.04	0.63	0.01	0.08	5	10	2149
S9613252	325922	150	1800	1	2	*	2G 42	2	2	15	2	B2	42	14	187	0.2	31	554	3	6	43	2.05	2	20	2	2	22	6	7	31	26	24	414	0.39	0.01	1.06	0.6	0.01	0.1	5	10	2013
S9613253	325923	200	1800	1	2	*	3B 54	2	2	15	2	B2	30	14	107	1.1	26	390	1	3	21	1.59	2	17	2	2	20	7	7	20	24	24	218	0.26	0.01	1.12	0.36	0.01	0.08	5	10	1448
S9613254	325924	250	1800	1	2	*	3B 54	2	3	20	2	B2	70	43	192	1.4	75	752	1	10	43	4.16	10	41	2	2	48	5	6	53	41	53	800	0.59	0.01	2.31	0.75	0.01	0.16	5	10	2040
S9613255	325925	300	1800	1	2	*	2B 24	1	2	15	2	B2	21	17	71	0.2	14	230	1	4	17	1.87	5	18	2	2	24	5	8	15	5	9	286	0.21	0.01	0.65	0.18	0.01	0.1	5	10	1816
S9613256	325926	350	1800	1	2	*	2G 23	1	2	15	2	B2	21	14	62	0.2	23	212	1	2	14	1.79	5	11	2	2	27	4	9	21	6	10	136	0.19	0.02	0.54	0.23	0.01	0.1	5	10	2157
S9613257	325927	400	1800	1	2	*	2G 32	1	2	15	2	B2	44	23	148	0.2	53	342	1	10	42	3.53	6	33	2	2	40	13	11	28	11	16	817	0.47	0.01	1.39	0.33	0.01	0.17	5	10	2043
S9613258	325928	450	1800	1	2	*	2G 51	2	2	15	2	B2	35	17	106	0.4	20	382	1	6	33	2.23	1	26	2	2	26	7	10	27	13	16	435	0.36	0.01	0.93	0.35	0.01	0.13	5	10	2146
S9613259	325929	500	1800	1	2	*	K 24	2	2	15	2	B2	103	26	171	0.2	52	1024	4	11	58	3.08	7	31	2	2	33	12	9	67	41	49	1144	0.51	0.01	1.66	0.92	0.01	0.13	5	10	2118
S9613260	325930	550	1800	1	2	*	G 32	2	3	20	2	B2	34	7	73	0.2	11	436	2	2	20	1.1	1	8	2	2	12	3	2	35	21	23	248	0.31	0.01	0.62	0.56	0.01	0.07	5	10	1814
S9613261	325931	600	1800	1	2	*	2G 54	2	2	15	2	B2	28	15	174	0.4	40	403	1	8	28	2.26	3	26	2	2	28	4	1	23	14	15	478	0.44	0.01	1.27	0.35	0.01	0.09	5	10	1822
S9613262	325932	650	1800	1	2	*	2G 32	2	2	15	2	B2	26	12	98	0.2	5	333	1	5	24	1.86	2	21	2	2	24	16	1	21	13	15	385	0.38	0.01	1.01	0.35	0.01	0.08	5	10	1684
S9613263	325933	700	1800	1	2	*	3G 54	2	2	15	2	B2	84	22	164	1.6	6	734	2	8	40	3.53	3	34	2	2	43	11	1	57	25	28	832	0.58	0.01	1.85	1.02	0.01	0.17	5	10	1789
S9613264	325934	750	1800	1	2	*	2B 23	1	2	15	2	B2	13	9	46	0.2	5	72	1	1	12	0.99	2	8	5	2	18	5	1	6	2	7	63	0.04	0.01	0.34	0.04	0.01	0.04	5	10	2119
S9613265	325935	800	1800	1	2	*	K 24	2	2	15	2	B2	67	8	65	0.8	20	501	1	3	29	2.1	5	25	2	2	27	7	1	64	20	21	281	0.29	0.01	1.23	1.22	0.01	0.07	5	10	1490
S9613266	325936	850	1800	1	2	*	2B 24	2	2	15	2	B2	16	10	18	0.2	4	160	1	1	7	0.9	2	9	2	2	19	4	1	14	3	8	100	0.12	0.01	0.48	0.18	0.01	0.02	5	10	1408
S9613267	325937	900	1800	1	2	*	2B 23	1	2	15	2	B2	16	13	44	0.4	10	83	1	2	21	1.27	1	11	2	2	22	7	1	6	3	8	66	0.03	0.01	0.38	0.03	0.01	0.04	5	10	2177
S9613268	325938	950	1800	1	2	*	2B 23	1	2	15	2	B2	5	8	27	0.2	12	51	1	6	12	0.81	1	10	2	2	14	5	1	5	2	4	411	0.1	0.01	0.3	0.06	0.01	0.07	5	10	1494
S9613269	325939	1000	1800	1	2	*	K 24	2	2	15	2	B2	67	12	87	0.2	19	442	1	7	36	2.42	4	26	2	2	36	7	1	67	30	24	601	0.41	0.01	1.32	1.67	0.01	0.09	5	10	1378
S9613270	325940	0	1800	1	2	*	3B 54	2	2	20	2	B2	58	15	154	0.2	49	793	3	5	35	2.02	3	23	2	2	22	8	1	61	46	34	570	0.4	0.01	1.33	1.09	0.01	0.12	5	10	1828
S9613271	325942	100	1800	1	2	*	3B 54	2	2	15	2	B2	50	18	193	2.5	64	658	1	7	35	2.74	4	33	2	2	32	11	1	42	43	33	459	0.5	0.01	2.12	1.79	0.01	0.18	5	10	1686
S9613272	325943	150	1800	1	2	*	2B 54	2	2	15	2	B2	31	21	147	0.2	32	340	3	4	19	2.68	7	21	2	2	39	9	1	10	18	24	303	0.21	0.02	1.12	0.1	0.01	0.11	5	10	1555
S9613273	325944	200	1800	1	2	*	2B 23	1	2	15	2	B2	8	9	31	0.2	16	129	1	1	5	0.77	1	7	2	2	16	3	1	9	3	10	47	0.07	0.02	0.31	0.12	0.01	0.06	10	10	1586
S9613274	325945	250	1800	1	2	*	2G 43	1	2	15	2	B2	50	25	108	0.2	42	517	1	7	35	3.13	7	32	2	2	40	8	1	41	18	24	491	0.59	0.01	1.77	0.57	0.01	0.15	5	10	1783
S9613275	325946	300	1800	1	2	*	2B 23	1	2	15	2	B2	38	18	106	0.7	24	237	1	3	17	2.12	2	18	2	2	29	10	1	20	3	8	153	0.2	0.01	0.82	0.32	0.01	0.11	5	10	1203
S9613276	325947	350	1800	1	2	*	2G 54	2	2	15	2	B2	55	28	227	0.2	57	594	1	8	37	3.55	4	35	2	2	42	6	1	27	25	26	529	0.55	0.01	1.89	0.44	0.01	0.14	5	10	1922
S9613277	325948	400	1800	1	2	*	2B 32	1	2	15	2	B2	18	19	70	0.4	26	168	1	3	12	1.83	1	15	2	2	32	8	1	11	4	9	199	0.28	0.06	0.76	0.12	0.01	0.17	5	10	1585
S9613278	325949	450	1800	1	2	*	2G 24	2	2	15	2	B2	76	35	205	0.2	75	635	1	9	45	4.46	3	45	2	2	56	12	1	45	27	33	646	0.72	0.01	2.17	0.66	0.01	0.22	194	10	2236
S9613279	325950	500	1800	1	2	*	2B 32	1	1	15	2	B2	19	7	31	0.4	5	120	1	1	9	0.77	1	8	2	2	14	9	1	7	6	10	45	0.04	0.01	0.38	0.05	0.01	0.04	50	10	1422
S9613280	325951	550	1800	1	2	*	2B 43	1	1	20	2	B2	33	18	93	0.2	20	348	2	5	26	2.05	1	18	6	2	26	12	1	27	9	14	452	0.31	0.01	0.86	0.36	0.01	0.12	5	10	1716
S9613281	325952	600	1800	1	2	*	2B 23	1	1	15	2	B2	18	17																												

S9613560 340078	100	600	1	5	*	GB 42	1	2	25	1	B2	14	15	26	0.7	17	86	1	1	8	1.09	8	12	2	2	18	1	1	4	2	7	85	0.1	0.01	0.68	0.03	0.01	0.02	5	10	1845
S9613561 340079	150	600	1	5	*	BG 32	2	2	20	1	B1	9	11	47	0.2	20	144	1	2	13	1.59	10	12	2	2	31	1	1	46	2	7	153	0.32	0.01	1	0.38	0.01	0.05	5	10	1850
S9613570 340089	100	400	1	5	*	2B 23	1	2	25	2	B2	29	10	62	0.4	15	388	1	5	13	2	3	12	2	2	25	5	1	26	8	10	551	0.49	0.08	0.88	0.56	0.03	0.25	5	10	1830
S9613571 340090	50	400	1	5	*	3B 42	2	2	35	1	B1	48	30	94	0.4	88	1164	2	15	31	4.2	9	31	2	2	44	1	1	100	30	26	3421	0.5	0.01	1.83	1.13	0.03	0.1	5	10	2188
S9613572 340091	0	400	1	5	*	GK 32	2	2	40	1	B1	31	13	78	0.4	92	519	1	5	20	3.53	9	21	2	2	28	1	1	57	29	21	967	0.43	0.01	1.28	0.77	0.01	0.06	5	10	1771
S9613573 340092	0	450	1	5	*	2B 32	1	2	30	1	B2	14	19	58	0.2	45	48	1	3	17	3.02	5	18	2	2	34	6	1	4	2	5	237	0.19	0.01	0.85	0.05	0.01	0.02	5	10	1370
S9613574 340093	0	500	1	5	*	GB 32	1	2	25	1	B2	9	15	34	0.2	21	60	1	1	7	1.09	5	10	2	2	20	1	1	3	2	7	83	0.13	0.01	0.5	0.02	0.01	0.04	5	10	1910
S9613575 340094	0	550	1	5	*	2B 32	1	2	25	2	B2	23	24	72	0.2	46	50	1	3	12	1.71	4	7	2	2	29	1	1	3	3	7	185	0.04	0.01	0.36	0.01	0.01	0.04	5	10	2818
S9613576 340095	-50	600	1	5	*	BY 32	1	2	25	2	B2	8	11	40	0.2	14	70	1	2	10	1.77	8	17	2	2	25	6	10	3	2	7	118	0.23	0.01	0.97	0.02	0.01	0.04	5	10	1596
S9613577 340096	-100	600	1	5	*	2B 32	1	2	20	1	B2	21	21	71	0.2	42	90	1	2	17	2.37	5	14	2	2	29	2	11	4	3	6	162	0.16	0.01	0.67	0.02	0.01	0.06	5	10	2053
S9613578 340097	-150	600	1	5	*	2G 32	1	2	20	1	B2	8	22	37	0.2	31	100	1	2	8	1.71	4	13	2	2	42	1	1	3	2	8	270	0.14	0.03	0.7	0.02	0.01	0.03	5	10	1850
S9613579 340098	-200	600	1	5	*	K 42	2	2	45	1	B1	30	16	65	0.4	37	678	1	9	23	2.21	7	20	2	2	24	4	1	93	17	16	1155	0.76	0.02	1.22	1.31	0.01	0.11	5	10	1552
S9613580 340101	-350	600	1	5	*	2G 31	2	3	30	1	B1	30	38	136	1.2	183	558	2	9	39	5.12	8	40	2	2	41	4	1	32	18	21	591	0.61	0.01	1.63	0.43	0.01	0.15	5	10	2159
S9613581 340102	-400	600	1	5	*	2B 32	1	2	25	1	B2	32	23	108	0.2	80	348	2	5	25	2.73	9	28	2	2	36	1	1	21	6	12	430	0.43	0.02	0.93	0.26	0.01	0.17	5	10	2463
S9613582 340103	-450	600	2	1	1	2G 43	2	3	5	1	1	32	23	143	2.3	88	555	1	6	38	3.35	6	40	2	2	36	1	1	33	14	19	227	0.56	0.01	2.29	0.44	0.01	0.18	5	10	1759
S9613583 340104	-500	600	1	5	*	1B 32	1	2	25	1	B2	29	25	99	0.2	92	404	1	5	22	2.88	10	22	2	2	43	5	1	13	7	14	480	0.3	0.02	0.94	0.17	0.01	0.13	5	10	2788
S9613584 340105	-550	600	1	5	*	GB 32	2	2	30	1	B1	30	16	76	0.9	58	329	2	4	22	2.03	7	22	2	2	24	8	1	21	9	14	359	0.24	0.01	1.31	0.22	0.01	0.05	5	10	1584
S9613585 340106	-600	600	1	5	*	3B 32	2	2	20	1	B1	45	60	178	1.5	313	573	3	9	33	5.39	10	48	2	2	62	4	1	35	12	16	1270	0.47	0.01	2.33	0.28	0.01	0.13	5	10	1839
S9613586 340107	-700	600	1	5	*	2G 32	1	2	20	1	B2	16	15	86	0.2	32	200	1	5	21	1.77	4	27	2	2	21	8	1	11	11	15	178	0.57	0.03	0.98	0.26	0.01	0.12	5	10	2039
S9613587 340108	-650	600	1	5	*	2B 43	1	2	20	1	B2	72	22	179	0.4	40	200	1	18	53	4.25	8	37	2	2	58	1	1	7	8	11	1753	0.51	0.02	1.18	0.05	0.01	0.14	5	10	4785
S9613588 340109	-600	600	1	5	*	2B 32	1	2	20	1	B2	38	22	109	0.2	34	181	1	6	33	3.37	8	26	2	2	61	1	1	5	5	8	338	0.23	0.01	0.81	0.02	0.01	0.06	5	10	4759
S9613589 340110	-550	600	2	1	1	3B 24	2	3	5	-1	1	29	12	159	2.4	98	487	3	5	28	1.47	8	43	2	2	12	6	1	38	40	36	481	0.57	0.01	1.38	0.79	0.01	0.1	5	10	1198
S9613590 340111	-500	600	1	5	*	2B 32	2	2	25	1	B2	39	14	70	0.2	33	80	1	2	26	1.6	2	15	2	2	46	1	1	3	3	7	118	0.03	0.01	0.26	0.03	0.01	0.03	5	10	4154
S9613591 340112	-450	600	1	5	*	3B 32	2	3	25	1	B1	48	29	168	0.8	112	601	2	6	38	2.86	9	39	2	2	33	4	1	40	31	36	795	0.59	0.01	1.72	0.89	0.01	0.09	5	10	2149
S9613592 340113	-400	600	1	5	*	2B 32	1	2	25	1	B2	28	34	209	0.6	101	348	3	12	38	3.79	6	43	2	2	43	4	1	18	5	10	1120	0.44	0.01	1.75	0.15	0.01	0.19	5	10	1529
S9613593 340114	-350	600	1	5	*	3B 42	2	2	30	1	B1	45	29	242	1.3	143	573	3	9	51	4.19	6	46	2	2	41	2	1	30	12	17	1130	0.58	0.01	2.01	0.4	0.01	0.15	5	10	1983
S9613594 340115	-300	600	1	5	*	BR 23	1	2	25	1	Bf	30	21	88	0.2	24	92	1	4	26	3.88	7	32	2	2	61	4	1	3	5	10	305	0.3	0.03	1.27	0.03	0.01	0.07	5	10	2577
S9613595 340116	-250	600	1	5	*	2B 32	1	2	30	1	B2	28	16	76	0.2	20	102	1	3	19	0.01	6	16	2	2	46	1	14	3	3	8	213	0.13	0.01	0.78	0.02	0.01	0.05	5	10	3509
S9613596 340117	-200	600	1	5	*	BR 32	2	2	20	1	Bf	38	26	107	0.2	16	118	1	5	24	3.21	8	21	2	2	54	3	1	4	5	9	259	0.23	0.01	0.87	0.03	0.01	0.11	5	10	3807
S9613597 340118	-150	600	1	5	*	2B 32	2	2	25	1	B2	27	18	85	0.6	32	157	1	4	19	2.43	10	22	2	2	43	1	11	3	4	8	745	0.18	0.02	0.98	0.02	0.01	0.08	5	10	2283
S9613598 340119	-100	600	1	5	*	2B 32	1	2	25	1	B2	25	12	80	0.2	9	104	1	3	14	2.01	8	16	2	2	42	3	12	3	3	9	261	0.13	0.01	0.78	0.01	0.01	0.05	5	10	2369
S9613599 340120	-50	600	1	5	*	BR 32	1	2	20	1	Bf	32	30	95	0.2	46	93	1	5	24	4.44	8	30	2	2	58	1	1	3	4	8	318	0.29	0.02	1.52	0.02	0.01	0.08	5	10	2729
S9613600 340121	50	600	1	5	*	BR 32	1	2	20	2	Bf	26	22	84	0.5	31	93	1	4	21	3.57	9	23	2	2	54	1	1	3	3	9	263	0.19	0.02	1.08	0.02	0.01	0.05	5	10	2442
S9613601 340122	100	600	1	5	*	BR 32	1	2	25	1	Bf	18	25	71	0.2	54	72	1	4	19	4.47	6	29	2	2	60	3	1	3	3	7	210	0.31	0.03	1.1	0.03	0.01	0.06	5	10	1583
S9613605 326416	800	1200	1	5	*	3B 54	3	2	25	2	B1	39	18	72	0.8	24	610	1	7	21	1.72	9	21	2	2	29	9	1	68	13	15	1085	0.36	0.01	1.04	1.02	0.01	0.06	5	10	1960
S9613606 326417	750	1200	1	5	*	3G 32	3	2	25	2	B1	39	9	35	0.5	2	465	1	2	14	0.87	4	14	2	10	14	1	1	51	11	15	224	0.23	0.01	0.55	0.69	0.01	0.03	5	10	1778
S9613607 326418	700	1200	1	5	*	3G 32	2	2	20	2	B1	26	7	43	0.5	27	438	1	3	13	0.89	3	16	2	17	12	1	1	52	9	10	296	0.19	0.01	0.64	0.91	0.01	0.05	5	10	1804
S9613608 326419	650	1200	1	5	*	2G 23	2	2	15	2	B1	5	2	15	0.2	4	77	1	1	3	0.45	1	7	2	2	9	2	1	5	1	4	46	0.05	0.01	0.2	0.07	0.01	0.03	5	10	1783
S9613609 326420	600	1200	1	5	*	2G 23	1	2	15	2	B1	34	19	80	0.6	16	368	1	5	24	1.67	12	43	6	2	31	1	1	20	32	35	157	0.49	0.02	1.06	0.37	0.01	0.09	5	10	2086
S9613610 3264																																									

EXPO

S9613888 326451	0	1950	1	5	*	GK 35	3	2	35	2	A2	13	2	18	0.4	11	140	1	1	24	0.33	1	8	2	6	3	1	1	35	10	10	74	0.2	0.01	0.44	0.72	0.02	0.02	5	10	1054	
S9613889 326452	50	1400	1	5	*	2B 32	1	2	20	2	B1	7	6	24	0.7	12	168	1	1	4	0.42	4	7	2	2	7	7	1	12	3	6	41	0.08	0.01	0.31	0.15	0.04	0.03	5	10	1417	
S9613900 326453	100	1400	1	5	*	2B 35	1	2	20	2	B1	16	11	65	0.9	18	323	1	2	13	1.45	6	13	2	9	21	1	1	17	7	11	183	0.18	0.02	0.57	0.15	0.01	0.08	5	10	1719	
S9613901 326454	165	1400	1	5	*	2G 23	2	2	20	2	B1	9	10	14	0.9	7	131	1	1	3	0.38	6	6	7	11	6	5	1	13	3	7	30	0.05	0.01	0.34	0.1	0.01	0.02	5	10	1345	
S9613902 326455	200	1400	1	5	*	1B 23	1	2	15	2	B1	11	12	45	0.2	32	66	1	1	8	0.98	8	11	2	11	20	1	1	11	2	7	63	0.08	0.01	0.37	0.1	0.01	0.03	5	10	1991	
S9613903 326456	250	1400	1	5	*	3G 23	2	2	25	2	B1	32	11	25	0.9	8	357	1	1	11	0.59	8	10	2	2	8	1	1	37	15	22	68	0.17	0.01	0.54	0.45	0.01	0.04	5	10	1413	
S9613904 326457	300	1400	1	5	*	KG 24	3	2	35	2	B1	27	15	63	1.5	31	676	1	3	20	1.62	9	19	9	5	20	1	1	48	18	24	183	0.39	0.01	1.18	0.83	0.01	0.07	5	10	1653	
S9613905 326458	350	1400	2	1	1	3G 4	2	2	-1	12	1	31	15	118	2.8	49	427	1	4	21	2	9	26	2	7	27	4	1	28	22	23	312	0.35	0.01	1.27	0.36	0.01	0.1	5	10	1469	
S9613906 326460	450	1400	1	5	*	2B 5	2	2	30	2	B1	35	22	148	0.4	49	635	2	5	23	2.1	4	22	7	11	32	8	1	30	18	21	421	0.39	0.01	0.97	0.37	0.01	0.07	5	10	2022	
S9613907 326461	500	1400	1	5	*	2B 23	1	2	20	2	B1	72	26	60	1.1	29	571	4	3	48	1.65	12	20	11	2	19	1	1	27	24	36	118	0.1	0.01	0.89	0.23	0.01	0.05	5	10	2281	
S9613908 326462	550	1400	1	5	*	1B 21	2	3	25	2	B1	21	9	75	0.7	29	471	1	4	18	1.28	10	17	2	2	17	1	1	42	15	17	271	0.38	0.01	0.82	0.59	0.01	0.06	5	10	1791	
S9613909 326463	600	1400	1	5	*	2G 14	2	3	25	2	B1	52	24	147	2.1	51	629	1	8	40	2.93	15	37	2	5	38	1	1	47	25	28	600	0.56	0.01	1.89	0.71	0.01	0.2	5	10	1797	
S9613910 326464	650	1400	1	5	*	3B 25	2	3	25	2	B1	32	18	58	2	30	488	1	3	19	1.54	17	20	2	2	18	9	1	59	32	39	201	0.29	0.01	1.36	1.01	0.01	0.09	5	10	1289	
S9613911 326465	700	1400	1	5	*	GK 35	2	2	30	2	B1	60	18	85	1.5	39	961	1	6	36	2.15	34	28	5	2	27	12	1	93	55	65	758	0.52	0.01	1.8	1.47	0.01	0.12	5	10	1771	
S9613912 326466	750	1400	1	5	*	1B 23	1	2	30	2	B1	25	2	16	0.9	3	563	1	1	14	0.49	8	9	2	2	4	7	1	105	11	10	54	0.22	0.01	0.52	1.72	0.01	0.03	5	10	1284	
S9613913 326467	800	1400	1	5	*	KG 53	3	2	35	2	B1	21	8	45	0.6	14	127	1	2	20	1.04	2	15	2	2	16	1	1	19	3	6	85	0.05	0.01	0.3	0.24	0.01	0.04	5	10	1884	
S9614113 300799	-700	400	1	5	*	-1 -1	*	*	*	-1	B2	18	27	119	3	44	1483	1	7	43	3.68	15	50	2	2	57	1	1	101	20	30	428	0.52	0.01	2.23	0.93	0.01	0.13	5	10	3110	
S9614114 300800	-650	400	1	5	*	1B 23	2	2	35	2	B2	18	27	96	0.5	45	301	1	7	16	3.09	7	24	7	2	51	1	1	10	4	9	518	0.42	0.06	1.09	0.08	0.01	0.16	5	10	2424	
S9614115 300801	-600	400	1	5	*	2B 24	2	2	15	2	B2	33	22	110	0.5	102	337	1	5	25	2.93	10	29	2	2	51	9	1	22	6	10	307	0.35	0.02	1.04	0.19	0.01	0.17	5	7	2412	
S9614116 300802	-550	400	1	5	*	1B 23	1	2	25	2	B2	24	20	49	0.4	65	444	1	2	11	1.4	3	20	2	2	23	1	1	31	7	20	145	0.37	0.02	1	0.32	0.03	0.09	5	10	2607	
S9614117 300803	-500	400	1	5	*	1B 23	1	2	15	2	B2	9	12	35	0.2	13	252	1	1	6	0.91	7	11	2	2	17	1	1	16	3	9	112	0.18	0.01	0.68	0.15	0.01	0.08	5	10	1775	
S9614118 300804	-450	400	1	5	*	2B 2	2	2	20	2	B2	27	16	62	0.5	25	225	1	3	14	1.91	3	21	2	2	38	12	1	13	4	11	203	0.17	0.01	0.83	0.11	0.04	0.09	5	10	1872	
S9614119 300805	-400	400	1	5	*	2B 23	2	2	15	1	B2	16	10	52	0.2	11	67	1	2	10	1.38	2	17	5	2	33	1	1	3	3	10	144	0.2	0.02	0.68	0.02	0.01	0.1	5	10	2008	
S9614120 300806	-350	400	1	5	*	1B 23	1	2	20	1	B2	14	11	60	0.4	21	174	1	4	15	1.88	8	24	2	2	29	1	1	10	4	9	172	0.43	0.02	0.9	0.1	0.01	0.1	5	10	2149	
S9614121 300807	-300	400	1	5	*	1B 25	2	2	20	1	B2	19	19	81	0.4	7	594	1	11	20	2.79	5	39	2	2	43	13	1	35	8	17	808	0.58	0.02	1.6	0.3	0.01	0.12	5	10	2645	
S9614122 300808	-250	400	1	5	*	1B 24	2	2	20	1	B2	12	9	50	0.5	16	448	1	3	12	1.82	6	29	11	2	37	1	1	22	4	14	215	0.36	0.01	0.8	0.28	0.01	0.07	5	10	2148	
S9614123 300809	-200	400	1	5	*	2B 5	3	3	25	1	B1	29	18	98	2.3	102	741	1	16	28	4.15	15	32	2	2	41	14	1	65	18	21	1485	0.39	0.01	1.54	0.8	0.03	0.1	5	10	1981	
S9614124 300810	-150	400	1	5	*	2B 5	3	3	25	1	B1	15	10	58	0.8	28	457	1	3	10	1.5	6	14	11	2	2	14	1	1	71	20	13	387	0.25	0.01	0.94	0.79	0.01	0.02	5	10	787
S9614125 300811	-50	400	1	5	*	2B 35	3	3	15	1	B2	40	12	54	0.4	21	541	1	6	16	2.1	4	13	7	2	27	19	1	45	15	21	1129	0.26	0.04	0.93	0.27	0.04	0.11	5	10	2053	
S9614126 300812	0	350	1	5	*	2B 23	2	2	25	1	B2	14	16	96	0.5	40	272	1	8	23	2.05	2	26	2	2	21	1	1	10	5	11	563	0.32	0.01	1.08	0.09	0.01	0.08	5	10	2318	
S9614132 300818	-150	200	1	5	*	2G 45	3	3	20	2	B1	33	21	134	1.9	33	644	1	7	32	2.24	5	23	5	2	21	1	1	39	14	18	558	0.42	0.01	1.42	0.5	0.01	0.07	5	10	2235	
S9614133 300819	-200	200	1	5	*	2B 24	2	2	15	2	B2	22	12	76	0.5	18	118	1	7	27	2.04	4	21	8	2	18	1	1	11	8	14	264	0.42	0.01	0.83	0.2	0.01	0.05	5	10	1796	
S9614134 300820	-250	200	1	5	*	2B 35	1	3	10	1	B2	31	29	157	1.7	72	672	1	6	34	3.21	7	35	2	2	38	3	1	33	11	16	416	0.48	0.01	2.02	0.31	0.01	0.11	5	10	2169	
S9614135 300821	-300	200	1	5	*	2B 35	2	3	25	2	B2	23	18	147	1.7	73	504	1	7	28	2.87	5	33	2	2	34	1	1	27	10	15	404	0.45	0.01	1.81	0.28	0.01	0.09	5	10	2088	
S9614136 300822	-350	200	1	5	*	2B 35	1	2	20	2	B2	22	14	117	1.1	52	458	1	4	26	2.27	6	28	2	2	33	12	1	23	10	16	230	0.42	0.01	1.47	0.23	0.01	0.07	5	10	2089	
S9614137 300823	-400	200	1	5	*	2B 35	1	2	20	2	B1	8	7	22	0.4	22	155	1	1	5	0.47	5	7	7	2	10	1	1	10	3	7	54	0.04	0.01	0.37	0.07	0.01	0.03	5	10	1883	
S9614138 300824	-450	200	1	5	*	1B 13	2	2	10	2	B2	27	8	93	0.2	42	179	1	6	24	2.17	6	24	8	2	31	1	1	14	12	15	299	0.45	0.04	0.79	0.25	0.01	0.15	5	10	2015	
S9614139 300825	-500	200	1	5	*	1Y 35	1	2	15	2	B2	15	13	89	0.6	31	244	1	8	28	2.24	7	29	8	2	32	1	1	14	5	12	704	0.45	0.04	1.15	0.16	0.01	0.12	5	9	2372	
S9614140 300826	-500	1	5	*	1B 23	1	2	25	1	B2	17	33	130	0.4	85	424	1	16	43	3.13	5	50	14	2	52	1	1	24	4	10	2494	0.5	0.03	1.33	0.21	0.01	0.18	-1	-1	2509		

EXPO

S9615668	338431	1900	JM-23	1	3	*	3G	32	1	2	15	4	B2	54	4	166	0.6	1	183	1	23	26	6.96	10	71	7	2	140	1	1	18	41	72	1483	2.36	0.32	3.94	0.78	0.02	1.9	-1	-1	756	
S9615669	338432	1950	JM-23	1	3	*	3B	32	2	2	30	4	B2	48	2	113	1	17	154	1	17	18	5.39	8	62	28	2	114	5	2	12	26	48	1134	1.53	0.21	3.25	0.52	0.01	1.2	-1	-1	758	
S9615670	338433	2000	JM-23	1	3	*	3B	32	2	2	20	4	B2	71	2	125	0.5	21	197	1	20	25	6.85	7	75	26	6	141	1	4	18	27	38	1516	2.07	0.38	4.03	0.75	0.02	1.63	-1	-1	917	
S9615671	338434	2050	JM-23	1	3	*	3B	23	2	2	10	4	B1	41	2	88	0.6	22	217	1	20	27	6.43	6	75	19	2	148	4	1	13	23	25	1081	2.12	0.34	3.75	0.71	0.01	1.62	-1	-1	853	
S9615672	338435	2100	JM-23	1	3	*	BG	31	2	2	15	4	B1	54	2	96	0.9	13	275	1	19	25	6.5	6	66	18	2	140	6	7	12	20	30	992	2.09	0.36	3.7	0.39	0.01	1.6	-1	-1	936	
S9615673	338436	2160	JM-23	1	3	*	3B	41	1	2	20	4	B1	36	2	128	0.9	1	314	1	27	32	8.31	7	96	29	22	213	3	1	16	24	31	1411	2.81	0.54	4.24	0.71	0.01	2.58	-1	-1	969	
S9615674	338437	2200	JM-23	1	3	*	2B	34	1	2	20	4	B2	34	2	94	1	1	180	1	22	33	6.22	9	93	32	2	157	2	1	12	17	26	978	2.28	0.38	3.71	0.43	0.01	1.63	-1	-1	796	
S9615675	338438	2250	JM-23	1	3	*	2B	32	2	2	20	4	B2	27	2	86	0.5	1	164	1	14	22	4.9	6	55	16	2	104	2	1	10	15	24	838	1.48	0.23	3.05	0.3	0.01	0.92	-1	-1	988	
S9615676	338439	2300	JM-23	1	3	*	BG	31	1	2	20	3	B2	27	2	89	0.6	23	155	1	14	25	4.88	5	56	2	2	101	1	1	8	15	22	781	1.46	0.26	3.08	0.3	0.01	0.92	-1	-1	829	
S9615677	338440	2350	JM-23	1	5	*	BG	31	1	2	25	3	B2	38	2	103	0.5	14	189	1	17	22	5.91	1	56	14	2	133	1	1	11	19	28	866	1.73	0.37	3.21	0.51	0.01	1.52	-1	-1	886	
S9615678	338441	2400	JM-23	1	5	*	2B	41	2	2	20	2	B2	28	9	63	0.8	1	140	1	11	19	3.83	2	45	23	2	82	1	1	8	11	18	544	1.08	0.2	2.45	0.27	0.01	0.64	-1	-1	964	
S9615679	338442	2450	JM-23	1	5	*	2B	32	2	2	25	2	B2	25	6	69	0.2	5	130	1	11	20	3.94	3	42	12	2	81	1	1	8	11	16	544	1.08	0.2	2.45	0.27	0.01	0.64	-1	-1	864	
S9615680	338443	2500	JM-23	1	5	*	BG	32	1	2	25	2	B2	28	2	86	0.6	9	140	1	14	23	4.84	1	52	21	2	111	1	3	7	11	15	720	1.39	0.26	2.73	0.32	0.01	1.05	-1	-1	1250	
S9616064	325831	1400	PD-22	1	2	*	2B	24	1	2	10	2	B2	26	65	160	0.2	24	138	1	12	16	3.8	6	33	2	2	58	8	18	6	34	44	994	1.31	0.15	2.17	0.21	0.01	0.9	-1	-1	1312	
S9616065	325832	1450	PD-22	1	2	*	2B	25	1	2	10	2	B2	9	2	94	0.2	16	160	1	12	17	4.33	8	44	2	2	72	3	20	6	28	33	1023	1.83	0.27	2.61	0.29	0.01	1.36	-1	-1	1048	
S9616066	325833	1550	PD-22	1	2	*	2B	34	2	2	15	3	B2	14	2	83	0.4	1	92	1	8	14	3.16	3	30	2	2	51	5	19	5	15	24	733	1.06	0.13	2.09	0.1	0.01	0.47	-1	-1	1153	
S9616067	325834	1600	PD-22	1	2	*	2B	24	2	2	15	3	B2	20	2	96	0.2	16	124	1	12	17	4.15	10	39	2	7	70	4	15	6	21	33	951	1.41	0.21	2.58	0.18	0.01	0.87	-1	-1	1357	
S9616068	325835	1650	PD-22	1	2	*	2B	32	1	2	10	3	B2	26	2	128	0.2	1	118	1	14	21	3.83	6	32	2	2	60	6	13	7	22	43	1076	1.17	0.17	2.25	0.15	0.01	0.68	-1	-1	1195	
S9616069	325836	1700	PD-22	1	2	*	2B	43	1	2	10	3	B2	57	2	239	0.2	7	129	1	20	25	5.08	29	22	2	2	44	10	14	9	40	95	1814	0.88	0.1	1.73	0.11	0.01	0.78	-1	-1	1280	
S9616070	325837	1750	PD-22	1	2	*	2B	24	1	1	15	3	B2	47	2	146	0.2	21	116	1	11	11	3.66	21	22	2	2	45	2	12	10	16	49	884	1.13	0.16	2.06	0.14	0.01	0.88	-1	-1	1287	
S9616071	325838	1800	PD-22	1	2	*	2B	23	1	2	10	3	B2	38	2	160	0.2	1	160	1	8	9	3.81	16	19	2	2	40	9	12	12	24	70	997	1.48	0.14	2.14	0.14	0.01	1.18	-1	-1	1107	
S9616072	325840	1850	PD-22	1	2	*	2B	24	2	2	10	3	B2	31	2	148	0.2	3	144	1	8	13	4.02	15	29	2	2	57	9	10	11	20	59	859	1.41	0.17	2.29	0.16	0.01	0.97	-1	-1	1078	
S9616073	325841	1900	PD-22	1	2	*	2B	24	2	1	10	4	B2	18	2	151	0.2	3	121	1	9	8	3.52	21	14	2	2	34	1	16	8	29	88	1006	1.48	0.11	2.13	0.09	0.01	0.98	-1	-1	1140	
S9616074	325842	1950	PD-22	1	2	*	2B	42	1	2	10	4	B2	36	2	221	0.2	17	123	1	10	8	3.83	30	19	2	2	39	8	14	11	88	199	911	1.54	0.13	2.17	0.16	0.01	1.21	-1	-1	1212	
S9616075	325843	2000	PD-22	1	2	*	2B	32	1	2	10	4	B2	47	5	162	0.2	15	135	1	10	11	4.35	22	25	2	2	45	11	25	11	50	122	817	1.44	0.15	2.21	0.12	0.02	1.16	-1	-1	913	
S9616076	325844	2050	PD-22	1	2	*	2B	32	1	2	10	4	B2	23	10	204	0.2	12	76	1	9	7	2.8	18	11	2	2	24	3	9	12	47	144	632	1.36	0.07	1.91	0.09	0.01	0.76	-1	-1	807	
S9616077	325845	2100	PD-22	1	2	*	2B	24	2	1	10	4	B2	16	11	221	0.2	6	95	1	5	6	3.11	22	10	2	2	24	1	15	7	49	140	467	1.19	0.06	1.85	0.05	0.01	0.59	-1	-1	1105	
S9616078	325846	2150	PD-22	1	2	*	2B	24	2	2	10	4	B2	17	2	188	0.2	12	89	1	3	6	2.61	17	9	2	2	24	1	15	7	17	39	1108	1.63	0.25	2.61	0.16	0.01	1.09	-1	-1	993	
S9616079	325847	2200	PD-22	1	2	*	2B	24	2	1	10	4	B2	37	2	130	0.2	1	143	1	12	14	4.29	13	35	2	2	80	1	15	7	17	39	1108	1.63	0.25	2.61	0.16	0.01	1.09	-1	-1	1178	
S9616080	325848	2250	PD-22	1	2	*	2B	24	1	1	10	4	B2	23	5	192	0.2	19	124	1	8	6	3.18	16	15	2	2	31	10	11	11	40	124	845	1.28	0.09	1.99	0.11	0.01	0.88	-1	-1	1083	
S9616081	325849	2300	PD-22	1	2	*	2B	24	1	1	10	4	B2	21	18	180	0.2	16	124	1	7	6	3.22	22	11	5	2	25	3	7	9	37	118	728	1.19	0.08	1.75	0.08	0.01	0.66	-1	-1	1143	
S9616082	325850	2350	PD-22	1	2	*	2B	24	1	1	10	4	B2	30	2	137	0.2	29	182	1	14	21	4.46	12	58	2	2	90	3	8	10	26	72	1118	1.78	0.24	2.73	0.29	0.01	1.46	-1	-1	1257	
S9616083	325851	2400	PD-22	1	2	*	2B	23	1	2	10	4	B2	33	2	129	0.2	22	191	1	12	14	4.28	5	42	2	2	80	5	7	12	28	66	1083	1.59	0.21	2.35	0.36	0.01	1.42	-1	-1	1315	
S9616084	325852	2450	PD-22	1	2	*	3B	32	1	2	10	4	B2	38	2	133	0.2	1	275	1	17	24	5.29	16	64	18	2	2	112	7	9	20	47	100	1537	2.29	0.27	3.16	0.55	0.01	1.95	-1	-1	1183
S9616085	325853	2500	PD-22	1	2	*	2B	32	1	2	10	4	B2	34	4	135	0.2	10	220	1	12	14	3.9	11	36	2	2	63	6	6	13	32	59	1255	1.63	0.17	2.34	0.36	0.01	1.3	-1	-1		

APPENDIX III
DIAMOND DRILL HOLE LOGS
CORE GEOCHEMISTRY

Page: 1 of 6

Drill Hole: P096-01

Company: Cominco Ltd.
Easting: 0410 E
Northing: 0025 S
Property Name: POP PROPERTY
Grid: GP7E
Drilled by: LF-70
Core Size: NQ
Completed: June 26, 199
Date(s) Logged: June 26-27,
NTS: 105 G 1

Purpose: Test PO-4 HLEM conductor with moderate Mag association.

[illegible]

[illegible]

From (m)	To (m)	Rock Type	Geology	Smple	From (m)	To (m)	Lng (m)	CU PPM	PB PPM	ZN PPM	AG PPM	BA(4) PPM	AU PPB
.0	11.0	OVb	OVERBURDEN										
11.0	26.6	FT	FELSIC TUFF Light to medium grey (slightly greenish colouration), fine-grained aphanitic to granular textured felsic to intermediate tuff. Unit is soft, weakly chloritic and very calcareous. Foliation and sericitic-chloritic partings result in a weak banded texture. Granular to speckled texture is also present due to <0.5 mm, light grey to white leucoxene(?) in more chloritic matrix. Pyrrhotite (1-5%) occurs as fracture fillings and fine-grained disseminations. Pyrite (tr-5%) occurs as disseminations, fracture fillings and within quartz-calcite veinlets and transposed/fragmented veinlets. This unit likely represents the MAGNETIC anomaly. 11.5 11.6 Strong chloritic alteration; weakly gouged. 13.1 S2 foliation at 78 to core axis. 14.2 14.5 Fault; broken core and sand in core. 14.8 16.5 More abundant cherty tuff/chert interbeds/bands with weak to moderate. Fecarbonate alteration imparting a creamy colouration. 16.3 16.4 Small crushed interval. 16.6 S2 foliation at 80 to core axis. 16.4 23.5 Medium green grey, more chloritic interval with occasional medium grey cherty interbeds. Pyrrhotite-pyrite appear to be concentrated within thin zone of dark chloritic zones. Thin wispy, light grey to creamy tan coloured zones reflect sericite-Fecarbonate alteration (structures?). 16.6 S2 foliation at 80 to core axis. 19.8 S2 foliation at 72 to core axis. 23.5 26.6 More sericite-Fecarbonate alteration. Pyrrhotite-pyrite appear to replace tuff adjacent to fractures. 24.7 S2 foliation at 74 to core axis.	10972	12.7	12.8	.1	58.0	<4	64	.6	3519	<10
				10973	15.9	16.0	.1	51.0	<4	80	1.0	2076	<10
				10974	18.6	18.7	.1	45.0	10	94	.7	2921	<10
				10975	20.4	20.5	.1	68.0	34	51	2.0	3038	<10
				10976	22.7	22.8	.1	45.0	15	51	.8	3265	<10
				10977	25.9	26.0	.1	72.0	<4	78	1.4	5276	<10
26.6	30.2	SISA	INTERBANDED/BEDDED SILTSTONE WITH LESSER ARGILLITE 26.6 Gradational contact over 30 cms. Dark to medium grey, massive to medium bedded/banded, siltstone/silty mudstone (argillite) interbedded with minor light grey tuffaceous wacke and epiclastic felsic tuff. Upper 2 m appears thin bedded to laminated and siliceous with trace-5% fine-grained pyrite laminations, fine to coarse euhedral disseminations and blebs. Pyrrhotite is rare. 28.3 28.8 Broken, weakly graphitic interval; abundant quartz-calcite-chlorite veins present. 29.6 S2 foliation at 69 to core axis. 28.8 29.5 Fault; lost core and gouge zones.	10978	29.6	29.7	.1	72.0	29	236	1.1	3536	<10
30.2	36.9	SISQ	INTERBANDED/BEDDED SILTSTONE WITH LESSER QUARTZITE Dark to medium grey, massive to medium bedded/banded, homogenous fine granular siltstone/sandstone with minor interbedded, fine to coarser-grained, light grey sandstone (rare tuffaceous wacke and minor epiclastic felsic tuff). Trace-5% fine-grained pyrite laminations, fine to coarse euhedral disseminations and blebs. Pyrrhotite is rare. 33.4 S2 foliation parallel bedding/banding at 67 to core axis.	10979	32.1	32.2	.1	21.0	15	69	1.3	1993	<10
				10980	35.2	35.3	.1	44.0	9	19	1.1	3200	<10

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 PPB
36.9	42.3	SIFT	INTERBANDED/BEDDED SILTSTONE WITH LESSER FELSIC TUFF Dark to medium grey, massive to medium bedded/banded, homogenous fine granular siltstone with more abundant light grey green sericitic/chloritic, felsic/epiclastic tuffaceous. Trace-5% fine-grained pyrite laminations, fine to coarse euhedral disseminations and blebs. Pyrrhotite is rare. 39.8 Very good coarse wacke bed, 25cm thick, with siliceous fragments less than/equal to 4mm with occasional tuffaceous fragments in dark silty matrix. S2 foliation parallel to bedding at 67 to core axis.	10981	38.3	38.4	.1	48.0	12	46	1.5	3906	<10
42.3	45.4	SASI	INTERBANDED/BEDDED ARGILLITE WITH LESSER SILTSTONE Dark grey-black, thinly interbedded to laminated silty argillite and siltstone. Basal 60cm is quite carbonaceous. Bedding is strongly contorted and transposed to parallel S2 foliation. Poorly mineralized interval. Trace-3% pyrite. Gradational lower contact. 42.3 44.7 Siliceous interval. 43.5 S2 foliation at 78 to core axis.	10982 10983	42.5 45.3	42.6 45.4	.1 .1	46.0 210.0	29 15	140 2180	1.4 1.6	6417 6849	<10 <10
45.4	54.0	FF	FELSIC FLOW Light medium grey very siliceous, very fine-grained to aphanitic felsic flow with chloritic/sericitic partings. Massive very siliceous nature suggests flow. Quartz-calcite veinlets are common. Sulphides commonly seem disseminated along chlorite/sericite/quartz-calcite fractures. Trace-2% pyrite, 1% sphalerite and trace pyrrhotite and chalcopyrite are present. 45.4 49.5 Massive felsic flow. 47.2 47.5 Mafic dyke. Medium green, fine-grained chlorite-calcite dyke with chilled margin. Contact at 66 to core axis. 49.5 54.0 Possible felsic flow breccia/lapilli tuff/tuff. Numerous very fine grained massive felsic flow bands/fragments set in a more chloritic matrix. 'Fragments' up to 20cm. Trace chalcopyrite and sphalerite found as foliation parallel disseminations and fracture fillings, primarily within the chloritic 'matrix' to flow fragments. Intervals, up to 20cm, with 1-3%, fine to medium-grained blebby disseminated sphalerite are locally present (ie. 50.3-50.4, 50.5-50.7). 51.3 51.4 Good lapilli tuff textures. 53.0 54.0 Much more abundant quartz-calcite blebby disseminations (transposed/disrupted veinlets??). 53.8 S2 foliation at 77 to core axis.	10984 12988 12989 12990	48.6 49.5 51.0 52.5	48.7 51.0 52.5 54.0	.1 1.5 1.5 1.5	12.0 220.0 125.0 87.0	21 14 14 34	61 2064 799 670	2.4 2.2 1.2 1.7	11222	<10 <10 <10 <10
54.0	62.0	SASC	INTERBANDED/BEDDED ARGILLITE WITH LESSER CHERT Poorly bedded, strongly foliated, dark grey to black, siliceous argillite/silty argillite and reworked, cherty, tuffaceous sediments and minor light-medium grey chert. Abundant thin foliation parallel to discontinuous quartz-calcite veinlets throughout. Pyrite (1-3%) occurs as very fine-grained wispy laminations and fine to medium-grained euhedral disseminations and fracture fillings. Pyrrhotite (trace 1%) occurs primarily related to veinlet structures. Fine disseminations of sphalerite are locally found within argillite and tuffaceous argillite, but likely reflect remobilization along fractures. Chalcopyrite is rare, but strongly associated with pyrrhotite. This unit is similar to above carbonaceous silty argillite/siltstone unit, although not as carbonaceous. Thin greenish	12991 12992 12993 12994 10985	54.0 55.5 57.0 58.5 61.5	55.5 57.0 58.5 60.0 61.6	1.5 1.5 1.5 1.5 .1	87.0 95.0 128.0 120.0 74.0	17 15 9 39 10	285 458 721 1182 907	.9 1.5 1.7 1.2 1.1	6201	<10 <10 <10 <10 <10

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	To (m)	Length (m)	CU PPM	PB PPM	ZN PPM	AG PPM	BA(4) PPM	AU PPM
			sericitic/chloritic tuffaceous interbands become more abundant towards the base. 55.7 S2 foliation parallel to bedding at 77 to core axis. 60.0 S2 foliation parallel to bedding at 75 to core axis.										
62.0	62.3	MD	MAFIC DYKE Medium green grey, fine-grained equigranular, weakly calcareous and chloritic intermediate dyke with trace-1% fine disseminated pyrrhotite and cut by quartz-calcite veinlets. Broken interval.										
62.3	62.7	FT	FELSIC TUFF Light grey, thinly banded, very silicious/cherty felsic tuff (flow?) cut by abundant quartz-calcite veins. 62.5 S2 foliation parallel to banding 73 to core axis.										
62.7	63.1	MD	MAFIC DYKE Medium green grey, fine-grained equigranular, weakly calcareous and chloritic intermediate dyke, as above, with trace-1% fine disseminated pyrrhotite and cut by quartz-calcite veinlets. 62.7 63.0 Broken ground; lost core.										
63.1	70.0	FT	FELSIC TUFF Massive, poorly banded, fine-grained to granular textured felsic tuff (reworked) to thin banded/laminated, very fine-grained, wispy textured sericitic/chloritic tuff. Trace 2% pyrite-pyrrhotite occurs as fine-grained to banded disseminations and veinlets. No sphalerite or chalcopyrite noted. Weakly calcareous, more chloritic/sericitic intermediate(?) tuff interbands are locally present. 64.2 66.7 More massive, banded, granular textured felsic tuff present. 65.3 S2 foliation 82 to core axis. 66.7 67.4 Laminated thin-banded tuff. 67.0 S2 foliation at 79 to core axis. 67.1 67.2 Mafic dyke; as above. Contacts at 58 to core axis. 67.4 67.8 Chloritic and pyritic-pyrrhotitic interval. Darker colouration and chlorite content likely reflects alteration; this unit is not a mafic tuff. Thinly banded and weakly calcareous, as above. Quartz-calcite veinlets are present. Sulphides comprise 10-15%, fine to coarse-grained, banded to irregular, foliation parallel, disseminations of pyrite lesser pyrrhotite. 67.8 Good sharp contact at 75 to core axis. 67.8 70.0 Weakly calcareous, chloritic/sericitic, weakly altered felsic tuff with lesser, more massive, interbanded, granular felsic tuff present.	10986	65.9	66.0	.1	70.0	<4	71	.5	14765	<10
				10987	68.6	68.7	.1	70.0	4	129	.6	3369	<10
70.0	73.7	MD	MAFIC DYKE Fine-grained, homogenous, massive, medium green mafic dyke characterized by dark chloritic matrix, fine quartz-calcite 'speckles' and high pyrrhotite-pyrite content. Soft, well foliated dyke. 72.7 73.1 Fresher appearing mafic dyke with 5% fine-grained disseminated pyrrhotite, and 2% pyrite, 40% black equant mafic minerals, <1mm in size, set in a chlorite-feldspar matrix.	10988	71.8	71.9	.1	50.0	<4	113	.9	6300	<10

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Drill Hole: P096-02

Company: Cominco Ltd.
Easting: 0142 W
Northing: 0748 N
Property Name: POP PROPERTY
Grid: GP7F
Drilled by: LF-70
Core Size: NQ
Completed: June 25, 199
Date(s) Logged: June 25-26,
NTS: 105 G 1

Purpose: Test PO-2 HLEM conductor in area of strong Zn-Cu-Ag soil anomaly.

[illegible]

[illegible]

[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
27.4	29.5	SASL	INTERBANDED/BEDDED ARGILLITE WITH LESSER CALCAREOUS WACKE Medium crystalline calcite rock bounded by strongly sheared black carbonaceous bands with 30-40% white calcite. Uncertain origin - 0.6-0.7 m intervals of black very carbonaceous 1-6 mm mudstone mixed with 30% white calcite bands and mottles gives way to 85-90% white calcite rock in core that has remanent black stylolite seams in it making it look like replacement. Strong shear, minor gouge and development of graphite is evident on both sides of calcite. Minor but significant wisps and patches of fine red brown sphalerite and galena occur in calcite and along calcite/mudstone contacts.	12976	27.4	28.9	1.5	38.0	1694	2763	19.6	2246	<10
29.5	34.0	SK	WACKE Dark grey granular textured, slightly compositionally layered siliceous tuffaceous wacke with a strong rhyolite provenance. Short cm intervals of yellow green sericite, probably mark very fine tuff layers. 1-2% fine wisps and disseminations of pyrite (2%) occur accompanied by minor sphalerite and rare galena. Foliations at 60 degrees to core axis.	11004	30.3	30.4	.1	40.0	17	126	1.1	3458	<10
				11005	33.2	33.3	.1	68.0	41	98	1.2	5868	<10
34.0	51.1	FTL	FELSIC LAPILLI TUFF Mixed lithology with 60-70% light grey very siliceous patches, vaguely lenticular, in network of 30-40% waxy yellow green sericitic 1-10 mm bands and patches. Strong penetrative foliation, at 60 degrees to core axis, is present and numerous small isoclinal folds evident - believe siliceous patches could be siliceous lapilli or alternating siliceous and sericitic layering which has been transposed/boudined. 2% fine wisps and disseminations of pyrrhotite occur in rock accompanied by trace sphalerite and chalcopyrite.	11006	37.2	37.3	.1	49.0	14	84	1.0	1781	<10
				11007	40.5	40.6	.1	66.0	6	101	.6	5997	<10
				11008	45.2	45.3	.1	61.0	<4	132	.4	5868	<10
				11009	49.9	50.0	.1	58.0	17	122	.5	4821	<10
51.1	51.8	FTA	FELSIC ASH TUFF Light yellow grey sericite-quartz bands 1-3 cm interbedded with black quartz-rich bands with grey flattened, lenticular siliceous forms in black (chlorite/silica) matrix (rhyolite or tuffaceous wacke?). 2-3% pyrite present. Foliation at 60 degrees to core axis.										
51.8	57.5	FTA	FELSIC ASH TUFF Fine ribboned quartz-sericite layered rock with 1-10 mm quartz-rich layers alternating with 1-5 m, buff yellow fecarbonate/sericite rich bands. 3% wispy fine-grained pyrite occurs with sericite layers - thought to be fine rhyolitic tuffs.	11010	52.6	52.7	.1	58.0	17	118	1.2	4765	<10
				11011	56.5	56.6	.1	49.0	20	104	1.0	3235	<10
57.5	58.5	FT	FELSIC TUFF Similar to above. Darker (black) rhyolite due to carbon and/or chlorite content. Rock shows strong folding with 20% quartz gash veins. Foliation shows variable attitudes - appears to be drag related to fault below.										
58.5	58.6	FLT	FAULT Zone of decomposed fault gouge.										
58.6	72.1	FTL	FELSIC LAPILLI TUFF Black chloritic rhyolite breccia (coarse fragmental) or black cherts with rhyolite ash tuff layers. Rock of uncertain origin composed of 80% black chloritic but very siliceous aphanitic hard rock with 20% pale green sericite	12977	59.5	61.0	1.5	136.0	24	651	2.3	4768	<10
				12978	61.0	62.5	1.5	137.0	20	1709	1.5	5550	<10
				12979	62.5	64.0	1.5	175.0	18	1047	2.0	8902	<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
			bands/patches that form irregular network about black siliceous rock - probably fragmental and/or brecciated rhyolite with fine sericitic ash matrix to black rhyolite (alternatively could be black cherts or perhaps black chloritic alteration of rhyolite). Rock is intensely folded. Dominant foliation at 60 degrees to core axis.	12980	64.0	65.5	1.5	125.0	8	740	1.5	8560	<10
				12981	65.5	67.0	1.5	76.0	15	294	.7	18928	<10
				11012	68.4	68.5	.1	203.0	10	100	3.3	7440	<10
				11013	71.3	71.4	.1	185.0	6	989	3.8	5076	<10
			58.6 65.8 Disseminated pyrite 2-3%, Fecarbonate 1-2% and sphalerite 0.5-1% are common as wisps and fine disseminations in light green sericitic, siliceous layers. Grade less overall since relatively absent in black rock.										
72.1	78.1	FTL	FELSIC LAPILLI TUFF										
			Pale green, coarse rhyolitic lapilli tuff with light grey 0.5-3 cm lensoidal to irregular silica forms (lapilli?) in pale green sericitic matrix. One band of 60% red brown sphalerite and 15% pyrite at 77.4 m.	11014	73.7	73.8	.1	57.0	<4	88	.8	16535	<10
				11015	76.3	76.4	.1	37.0	<4	57	.6	11623	<10
78.1	80.8	FTL	FELSIC LAPILLI TUFF										
			Rhyolitic coarse lapilli tuff - black chloritic mottled. Similar to above but with black chloritic patches/mottles.	11016	79.1	79.2	.1	115.0	4	36	1.9	3152	<10
80.8	96.6	FTA	FELSIC ASH TUFF										
			Variably textured, fine-grained well foliated light green to medium green sericitic siliceous ash tuffs. Occasional bands have lenses of silica that are probably lapilli. 1-3% disseminated pyrrhotite and trace sphalerite. Unit is locally calcareous with white wisps and patches. Brighter green tuff from 80.4-84.5 hosting 0.2% sphalerite. Foliation at 60 degrees to core axis.	11017	82.3	82.4	.1	58.0	13	419	2.1	3705	<10
				11018	85.3	85.4	.1	100.0	13	1156	1.9	6284	<10
				11019	89.0	89.1	.1	121.0	11	61	1.6	3999	<10
				11020	93.2	93.3	.1	34.0	<4	112	.7	2067	<10
				11021	96.3	96.4	.1	29.0	<4	56	<.4	2169	<10
96.6	106.5	MT	MAFIC TUFF										
			Pyrrhotite laminated, complexly folded intermediate (andesite-dacite?) tuff. Medium green chloritic, sericitic, only weakly siliceous tuff (andesitic) with darker green chlorite layers and brassy brown 1-2 mm pyrrhotitic laminations. Pyrrhotite forms 5% of rock and is magnetic to some degree - could explain magnetic anomaly; slight conductivity as well.	11022	100.5	100.6	.1	89.0	<4	88	.9	2476	<10
				11023	104.7	104.8	.1	38.0	<4	52	.4	1983	<10
106.5	106.9	SA	ARGILLITE										
			Black relatively soft and quite carbonaceous mudstone with 30% gash veins over top of the interval. Good conductor.										
106.9	112.2	MT	MAFIC TUFF										
			Medium green chlorite sericite rock, relatively soft with brown biotite bands at 1-5 mm intervals - complexly folded; 1-2% disseminated very fine pyrrhotite-pyrite. Foliation at 60 degrees to core axis.	11024	109.3	109.4	.1	77.0	4	35	.8	7425	<10
				11025	112.0	112.1	.1	26.0	4	57	.9	3288	<10
112.2	115.3	FT	FELSIC TUFF										
			Finely foliated, compositionally layered light green to yellow sericite-silica tuff with 2% disseminated pyrrhotite. Foliation at 70 degrees to core axis.	11026	114.0	114.1	.1	69.0	<4	41	.5	5915	<10
115.3	126.5	SKSS	INTERBANDED/BEDDED WACKE WITH LESSER SANDSTONE										
			Dark grey to black carbonaceous, siliceous wacke/sandstone with well developed foliation layering at 80 to core axis. Unit is very siliceous but has a fine to coarse granular texture. Unit is pyritic (4%) occurring as wispy	11027	117.9	118.0	.1	96.0	47	671	1.7	10718	<10
				11028	121.9	122.0	.1	77.0	15	391	1.6	9487	<10
				11029	125.1	125.2	.1	85.0	9	521	2.1	6938	<10

[illegible]

DDH P096-02			V960372R																													
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		
R9610997	6.4	6.5	17	<4	8	<4	<2	1365	<1	<1	6	0.41	4	139	<5	20	<2	<2	4	<2	2	3	16	0.01	<0.1	0.06	0.04	<0.1	0.04	<10		
R9610998	10.0	10.1	10	<4	36	0.6	<2	1355	<1	1	21	0.43	<2	122	7	19	3	2	<2	20	6	6	131	0.29	<0.1	0.07	1.08	<0.1	0.05	<10		
R9610999	14.2	14.3	10	44	28	1.1	<2	2944	<1	<1	5	0.32	<2	110	12	28	5	<2	8	30	3	2	137	0.75	0.01	0.1	1.97	<0.1	0.02	<10		
R9611000	18.6	18.7	19	<4	37	0.4	5	1982	<1	5	45	0.93	<2	130	<5	19	11	<2	7	17	9	6	206	0.87	<0.1	0.34	1.05	<0.1	0.04	<10		
R9611001	22.8	22.9	79	<4	104	0.7	19	2551	<1	5	133	1.74	11	127	<5	21	63	<2	<2	117	35	22	663	2	0.01	0.26	5.49	0.01	0.1	<10		
R9611002	25.5	25.6	114	<4	228	1.4	<2	5974	3	8	185	1.53	56	102	<5	33	57	<2	7	73	38	15	58	0.26	<0.1	0.39	2.85	<0.1	0.17	<10		
R9611003	26.2	26.3	79	22	141	2.2	<2	1175	1	23	163	5.34	2	70	<5	17	12	6	5	24	19	12	154	0.87	<0.1	0.31	0.78	0.01	0.17	<10		
R9612976	27.4	28.9	38	1694	2763	19.6	52	2246	16	3	44	0.95	38	50	<5	<5	144	4	<2	298	40	10	1159	1.09	<0.1	0.17	13.51	0.01	0.06	<10		
R9611004	30.3	30.4	40	17	126	1.1	4	3458	<1	11	61	2.54	<2	108	<5	30	12	<2	<2	48	7	13	240	1.28	<0.1	0.24	1.13	0.01	0.12	<10		
R9611005	33.2	33.3	68	41	98	1.2	9	5868	<1	15	86	2.54	19	85	<5	31	22	<2	6	26	10	17	222	1.06	0.01	0.57	0.56	0.01	0.21	<10		
R9611006	37.2	37.3	49	14	84	1	<2	1781	<1	11	57	2.45	<2	140	<5	17	22	9	7	52	12	14	297	1.32	0.01	0.67	0.71	0.01	0.18	<10		
R9611007	40.5	40.6	66	6	101	0.6	<2	5997	<1	18	94	3.9	2	71	<5	19	14	<2	<2	24	20	28	192	1.27	<0.1	0.86	0.36	0.01	0.23	<10		
R9611008	45.2	45.3	61	<4	132	0.4	5	5868	<1	19	86	4.06	14	87	<5	15	18	<2	<2	24	20	26	250	1.49	<0.1	1.07	0.47	0.01	0.2	<10		
R9611009	49.9	50.0	58	17	122	0.5	4	4821	<1	16	85	3.75	7	76	<5	9	19	3	2	17	22	27	212	1.39	<0.1	0.9	0.28	0.01	0.17	<10		
R9611010	52.6	52.7	58	17	118	1.2	14	4765	<1	16	80	6.23	3	73	<5	26	23	4	8	24	16	21	377	2.36	<0.1	0.59	0.78	0.01	0.14	<10		
R9611011	56.5	56.6	49	20	104	1	<2	3235	<1	15	81	3.85	<2	84	<5	21	8	<2	3	21	14	13	126	0.86	<0.1	0.28	0.74	0.01	0.12	<10		
R9612977	59.5	61.0	136	24	651	2.3	43	4768	7	3	171	0.83	35	102	<5	24	258	<2	<2	162	37	12	89	0.37	<0.1	0.41	3.22	<0.1	0.23	<10		
R9612978	61.0	62.5	137	20	1709	1.5	25	5550	20	4	210	0.98	64	99	<5	5	267	<2	<2	54	37	8	80	0.28	<0.1	0.27	1.37	<0.1	0.12	<10		
R9612979	62.5	64.0	175	18	1047	2	97	8902	12	6	469	1.17	173	84	<5	7	224	<2	<2	28	54	16	44	0.11	<0.1	0.28	0.65	<0.1	0.13	<10		
R9612980	64.0	65.5	125	8	740	1.5	116	8560	8	3	244	0.68	58	106	<5	13	402	<2	<2	120	46	11	87	0.27	<0.1	0.46	2.65	<0.1	0.14	<10		
R9612981	65.5	67.0	76	15	294	0.7	21	8928	3	6	93	1.27	32	82	<5	<5	117	3	<2	76	14	14	204	0.41	0.02	0.67	1.73	<0.1	0.1	<10		
R9611012	68.4	68.5	203	10	100	3.3	3	7440	<1	7	192	1.83	5	149	<5	18	11	<2	2	11	11	7	40	0.05	0.01	0.26	0.42	0.01	0.08	<10		
R9611013	71.3	71.4	185	6	989	3.8	<2	5076	2	6	253	1.9	13	129	<5	26	19	3	<2	20	29	12	21	0.05	0.03	0.2	1.04	0.01	0.09	<10		
R9611014	73.7	73.8	57	<4	88	0.8	11	6535	<1	32	42	3.61	<2	28	<5	17	23	<2	3	41	7	4	184	1.39	0.11	0.62	2.17	0.01	0.14	<10		
R9611015	76.3	76.4	37	<4	57	0.6	3	1623	<1	7	29	0.81	<2	100	<5	8	9	2	7	32	4	4	59	0.58	0.02	0.59	1.78	0.01	0.03	<10		
R9611016	79.1	79.2	115	4	36	1.9	6	3152	<1	17	111	2.03	37	138	<5	19	5	<2	<2	13	3	4	54	0.24	0.01	0.19	0.4	0.01	0.06	<10		
R9611017	82.3	82.4	58	13	419	2.1	133	3705	4	9	133	1.12	24	102	<5	14	180	<2	<2	303	32	24	584	1.85	0.04	0.83	6.66	0.01	0.07	<10		
R9611018	85.3	85.4	100	13	1156	1.9	<2	6284	15	8	237	1.79	45	207	<5	37	178	<2	<2	78	44	16	75	0.29	0.06	0.49	2.71	0.01	0.23	<10		
R9611019	89.0	89.1	121	11	61	1.6	<2	3999	<1	29	118	7.26	7	49	<5	5	13	8	<2	16	8	20	194	1.95	0.1	0.8	0.6	0.01	0.31	<10		
R9611020	93.2	93.3	34	<4	112	0.7	<2	2067	<1	15	51	5.24	<2	82	<5	35	30	<2	<2	25	11	16	402	2.72	0.17	2.1	0.35	0.01	0.72	<10		
R9611021	96.3	96.4	29	<4	56	<4	6	2169	<1	14	54	3.08	<2	79	7	9	31	<2	4	18	9	18	318	2.39	0.13	1.96	0.17	0.02	0.54	<10		
R9611022	100.5	100.6	89	<4	88	0.9	<2	2476	<1	44	150	4.25	6	199	6	7	85	<2	<2	44	9	23	641	4.3	0.31	2.21	0.55	0.02	1.1	<10		
R9611023	104.7	104.8	38	<4	52	0.4	4	1983	<1	15	51	2.05	4	129	20	<5	31	<2	<2	103	12	12	746	2.19	0.14	1.43	0.95	0.01	1.02	<10		
R9611024	109.3	109.4	77	4	35	0.8	9	7425	<1	21	69	2.1	23	69	<5	<5	27	<2	3	21	14	25	347	1.29	0.16	1.14	0.24	0.01	0.83	<10		
R9611025	112.0	112.1	26	4	57	0.9	<2	3288	<1	25	63	2.96	<2	94	9	7	35	6	<2	27	11	14	459	2.42	0.26	1.96	0.29	0.01	1.14	<10		
R9611026	114.0	114.1	69	<4	41	0.5	<2	5915	<1	14	50	2.54	<2	70	<5	<5	23	6	<2	23	13	18	263	1.86	0.16	1.49	0.22	0.02	0.5	<10		
R9611027	117.9	118.0	96	47	671	1.7	7	0718	12	16	170	2.2	44	135	13	9	57	<2	6	35	25	16	98	0.78	<0.1	0.59	0.46	0.01	0.21	<10		
R9611028	121.9	122.0	77	15	391	1.6	4	9487	7	15	223	1.76	62	140	<5	<5	70	<2	<2	30	15	18	53	0.21	0.05	0.39	0.4	0.01	0.15	<10		
R9611029	125.1	125.2	85	9	521	2.1	6	6938	9	20	232	2.41	54	146	<5	11	105	<2	<2	28	17	28	110	0.95	0.11	0.66	0.45	0.01	0.15	<10		
R9611030	128.6	128.7	132	<4	317	1.8	<2	7918	3	13	289	2.17	11	183	<5	<5	75	<2	<2	44	31	24	195	1.65	0.07	0.59	0.79	0.01	0.16	<10		
R9611031	133.4	133.5	174	16	1702	2.5	21	1345	26	11	329	1.06	122	168	15	12	421	<2	2	59	49	23	87	1.08	0.07	0.7	1.02	0.01	0.1	<10		
R9612982	134.5	136.0	116	11	2276	1.5	86	9073	23	6	162	1.12	74	90	<5	15	281	8	<2	53	38	13	49	0.1	0.04	0.29	0.58	<0.1	0.08	<10		
R9612983	136.0	137.5	102	6	543	1.1	24	1211	4	4	158	1.02	16	108	5	11	97	<2	<2	70	28	12	123	0.1	0.02	0.83	1.99	<0.1	0.05	<10		
R9612984	137.5	139.0	80	42	358	2.9	133	3597	2	6	152	0.55	16	118	<5	8	86	<2	<2	65	25	10	60	0.25	0.02	0.54	1.86	<0.1	0.06	<10		
R9612985	139.0	140.5	135	8	337	1.2	10	0083	2	8	152	1.49	18	108	<5	23	57	<2	<2	27	20	8	42	0.15	0.06	0.43	0.81	0.01	0.05	<10		
R9612986	140.5	141.0	133	9	1238	1.8	104	7824	14	5	289	0.87	76	123	<5	8	416	6	<2	49	33	15	59	0.16	0.01	0.83	1.13	<0.1	0.15	<10		
R9612987	141.0	143.4	68	9	310	1.6	23	4375	3	6	105	1.52	39	80	<5	7	152	3	<2	59	15	12	188	0.31	0.03	1.01	1.41	<0.1	0.07	<10		
R9611032																																

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Drill Hole: RU96-01

Company: Cominco Ltd.
Easting: 0190 W
Northing: 0200 N
Property Name: RUN PROPERTY
Grid: GP7A
Drilled by: LF-70
Core Size: NQ
Completed: June 29, 199
Date(s) Logged: June 29, Jul
NTS: 105 G 1

Purpose: Test RU-2 HLEM conductor in area of strong Zn-Pb-Cu-Ag soil anomaly.

[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 PPB
.0	12.4	OVB	OVERBURDEN Rubbly siltstone/argillite to 11.0; rusty regolith to 12.4.										
12.4	17.7	FF	FELSIC FLOW Strongly broken and oxidized zone of light to medium grey, fine-grained aphanitic felsic flow (cherty felsic tuff?). Foliation is defined by sericitic partings. Abundant oxidized fractures are present throughout. Where fresh, this unit is medium grey, very siliceous, fine-grained with trace-3% very fine-grained disseminated pyrite. No phenocrysts or fragments were noted.	10842 10843	13.2 17.0	13.3 17.1	.1 .1	46.0 2.0	17 5	264 22	.8 <.4	3283 2370	<10 <10
17.7	25.0	FT	FELSIC TUFF 17.7 Oxidized and gouged contact. Light to medium to dark green grey, fine to medium-grained, well foliated, homogenous and massive, quartz-rich, calcareous felsic to intermediate tuff(?) or variably sheared intrusive/extrusive(?). Unit contains abundant light brownish 'speckled' mineral (biotite; not sphalerite) and <2.5 mm quartz crystals/phenocrysts with intercrystalline calcite-sericite-chlorite as partings parallel to S2 foliation. Transposed quartz-calcite veinlets are present. 18.2 S2 foliation at 66 to core axis. 18.3 20.1 Fault; broken gouged zone with several quartz-calcite veins. 21.0 21.1 Thin broken and gouged zone. 23.3 S2 foliation at 71 to core axis. 23.8 23.9 Two thin gouge zones. 24.8 25.0 Strong chlorite alteration associated with numerous quartz-calcite-chlorite veins.	10844 10845 10846	18.0 21.5 24.3	18.1 21.6 24.4	.1 .1 .1	11.0 10.0 35.0	12 <4 28	86 73 147	<.4 <.4 <.4	1712 1936 3392	<10 <10 <10
25.0	33.5	FT	FELSIC TUFF Thin banded/bedded to wispy laminated felsic tuff and cherty felsic tuff/chert. Predominant lithology is medium grey to light grey, very siliceous cherty tuff/chert. Silica has a slight bluish colouration. The sericite/chlorite content varies. Calcite occurs primarily as quartz-calcite veins/veinlets. Trace to 5% pyrite occurs as foliation parallel disseminations associated with sericite-chlorite-quartz. 26.7 26.8 Thin very chloritic, fine-grained mafic dyke. 27.9 Thin gouge developed. 28.3 28.9 Several thin gouge zones parallel S2 foliation; fault. 31.9 33.5 More chloritic and fragmental textured tuff; trace sphalerite at 32.4. 32.0 S2 foliation at 70 to core axis. 33.3 33.5 Fine laminated, chloritic and calcareous interval with trace sphalerite.	10847 10848 10849	27.3 30.4 33.1	27.4 30.5 33.2	.1 .1 .1	8.0 55.0 92.0	64 11 75	159 39 1494	.6 .8 1.8	6710 3608 2203	<10 <10 <10
33.5	38.8	FF	FELSIC FLOW Light grey to maroon green grey, very siliceous and massive, aphanitic, homogenous felsic flow. Foliation is weakly developed as chlorite-sericite fractures (locally appear spherical; possible spherulites?). No phenocrysts noted. Trace to 3% fine to medium-grained disseminated pyrite occurs throughout. Trace chalcopyrite and trace to locally 1% sphalerite occurs throughout. 34.8 35.0 Medium green siliceous dyke with trace to 2%	10850 12998 12999 13000	34.6 34.8 35.8 37.3	34.7 35.5 37.3 38.8	.1 .7 1.5 1.5	80.0 161.0 126.0 74.0	68 1878 336 536	1014 2509 6321 891	1.5 4.8 2.4 1.8	2652	<10 <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 PPB
			sphalerite-pyrite-tetrahedrite(?) as disseminations and fracture fillings/veinlets. Contacts at 55 to core axis. 35.5 35.9 Quartz vein with pyrite-chlorite alteration halo. 36.6 36.9 Several sphalerite bearing veins.										
38.8	39.6	ACF	CHLORITE-SILICA-FECARBONATE-PYRITE ALTERED TUFF/EXHALITE 38.8 Basal contact of unit marked by first appearance of banded, dark green chlorite. Thin interbanded, massive, dark to medium green chlorite containing thin banded to laminated, fine to coarse-grained silica-Fecarbonate-pyrite (trace-20%), trace sphalerite rare chalcopryite. This alteration (vs exhalite?) occurs as bands in light to medium grey siliceous felsic tuff. This zone is oxidized and broken at 39.6. 39.1 S2 foliation parallel banding at 68 to core axis.	13001	38.8	39.6	.8	244.0	1438	5510	4.4		<10
39.6	42.0	FTL	FELSIC LAPILLI TUFF Weak to moderately chloritic, banded, siliceous, aphanitic to granular textured tuff (fine flow breccia?) with trace-5% disseminated pyrite and trace disseminated sphalerite. Foliation is defined by sericite-chlorite partings. Locally this unit has a fragmental appearance (ie. Densely packed, welded(?) felsic flow fragments). 39.6 40.0 Oxidized along fractures; trace fine-grained disseminated sphalerite present.	13002	39.6	41.1	1.5	67.0	136	957	1.4		<10
42.0	46.6	FD	FELSIC DYKE Very massive, siliceous, aphanitic felsic dyke or flow with rare bluish quartz eyes <2.5 mm. Trace to 2% pyrite and trace pyrrhotite occur as disseminations and fracture veinlets.	10851 10852	42.8 45.9	42.9 46.0	.1 .1	42.0 56.0	59 18	57 107	.8 1.2	2509 3664	<10 <10
46.6	48.1	FTL	FELSIC LAPILLI TUFF Felsic tuff breccia/flow breccia containing densely packed, aphanitic felsic lapilli flow fragments (as above) set in minor silica-sericite matrix. The fragmental texture is generally poorly preserved. Best lapilli textures are over the upper 1-1.5 m. Trace-5% pyrite disseminated throughout. 47.0 S2 foliation at 78 to core axis.	10853	47.2	47.3	.1	46.0	89	281	.8	3901	<10
48.1	48.8	FD	FELSIC DYKE Very massive, siliceous, aphanitic felsic dyke or flow; as above.	10854	48.7	48.8	.1	32.0	204	235	.5	1854	<10
48.8	48.9	FT	FELSIC TUFF Weak to moderately chloritic, banded, siliceous, aphanitic to granular textured tuff (fine flow breccia?); as above.										
48.9	49.1	FD	FELSIC DYKE As above.										
49.1	69.8	FT	FELSIC TUFF Weak to moderately chloritic, banded, siliceous, aphanitic to granular textured tuff (fine flow breccia?), as above, with trace-5% disseminated pyrite and trace disseminated sphalerite. Foliation is defined by sericite-chlorite partings. Locally this unit has a fragmental appearance	10855 10856 10857 13003	51.3 52.9 55.9 58.0	51.4 53.0 56.0 59.5	.1 .1 .1 1.5	51.0 21.0 23.0 31.0	86 223 61 31	198 248 257 163	.7 1.1 .7 .4	6397 3860 4803	<10 <10 <10 <10

[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
				79.7 80.1 Laminated to thin banded/bedded argillite (10-15%) and cherty felsic tuff/epiclastic sediments (85-90%). 80.1 83.8 As above. Thin banded grey siliceous reworked tuffaceous volcanoclastics and lesser sericitic tuff and cherty argillite interlamations. 80.7 S2 foliation parallel bedding/banding at 76 to core axis. 83.8 88.3 Yellowish grey, thicker bedded felsic lapilli tuff grading into more sericitic ash tuffs. Lapilli intervals are dominated by light to medium grey, very siliceous fragmental to ribboned textures, as above. 85.5 S2 foliation at 77 to core axis.										
88.3	93.6	SK	WACKE	Medium grey interval of reworked volcanoclastics in a more argillaceous matrix (medium grey colouration) grading into argillite and medium grey cherty tuff/chert. Lapilli fragments are up to 2.5 cms but generally <10 mms. 89.0 S2 foliation at 79 to core axis. 90.1 90.5 Crushed and gouged zone developed in argillite.	10868	89.6	89.7	.1	49.0	32	168	1.6	2573	<10
					10869	91.6	91.7	.1	54.0	89	352	1.7	3062	<10
					10870	93.5	93.6	.1	34.0	64	212	.9	2619	<10
93.6	95.4	FT	FELSIC TUFF	Light green grey, siliceous felsic tuff to lapilli tuff with a sericite-silica matrix, as above; however, fragmental textures are not well preserved. 94.1 95.6 Fault; crushed and weakly gouged zone; poor recovery. 94.5 S2 foliation at 80 to core axis.										
95.4	96.1	FLT	FAULT	Strongly gouged and crushed argillite and minor felsic tuff; lost core. 95.6 S2 foliation at 54 to core axis.										
96.1	118.8	SASC	INTERBANDED/BEDDED ARGILLITE WITH LESSER CHERT	Medium to dark grey to black interval comprising medium to dark grey, thin bedded/banded to ribboned chert/cherty tuff and variably carbonaceous, black argillite/silty mudstone. Trace to 5%, very fine-grained disseminated pyrite predominantly in the cherty interbeds. 96.1 104.2 Predominantly medium to dark grey siliceous/cherty ribbons and bands. 96.5 S2 foliation parallel banding at 84 to core axis. 97.3 97.6 Fault gouge. 100.4 101.3 Broken, locally crushed zone with minor gouge developed. 100.6 S2 foliation parallel banding at 78 to core axis. 103.5 S2 foliation parallel banding at 81 to core axis. 104.2 108.6 Broken, black to dark grey interval dominated by carbonaceous argillite with minor medium to dark grey chert interbeds. Very fine-grained pyrite occurs as wispy disseminations and in quartz-calcite veins. Trace sphalerite noted in veins at 106.2. 106.0 S2 foliation parallel banding at 53 to core axis. 106.4 106.9 Fault gouge in argillite. 107.8 108.6 Fault gouge and broken zone in argillite. 108.6 109.2 Recarbonated altered, reworked siliceous felsic tuff-lapilli tuff with minor argillaceous partings.	10871	96.3	96.4	.1	40.0	63	117	1.0	3247	<10
					10872	99.0	99.1	.1	36.0	55	187	1.5	1816	<10
					10873	102.1	102.2	.1	45.0	51	97	1.0	1965	<10
					10874	104.9	105.0	.1	40.0	125	949	2.8	2223	<10
					10875	107.1	107.2	.1	68.0	4	853	.8	2383	<10
					13006	108.6	109.2	.6	122.0	9420	8462	24.6		<10
					13007	109.2	110.7	1.5	47.0	154	346	1.2		<10
					10876	112.0	112.1	.1	51.0	6	328	.6	3457	<10
					10877	114.4	114.5	.1	65.0	32	558	4.3	7902	<10
					10878	117.2	117.3	.1	41.0	33	685	.7	7551	<10

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 PPB
			Sphalerite-galena-tetrahedrite(?) are present with pyrite in 1 and 2 cms thick, discontinuous bands developed parallel to S2 foliation layering ; some mobilization into fractures.										
	109.2	118.8	Predominantly weakly to moderately carbonaceous argillite with minor felsic tuff and abundant quartz-fecarbonate-calcite-pyrite veins.										
	110.5		S2 foliation at 83 to core axis.										
	113.9	114.4	Broken and gouged interval.										
	116.0		S2 foliation at 73 to core axis.										
	117.5	118.8	Broken and gouged interval.										
118.8	119.5	FTSA	INTERBANDED/BEDDED FELSIC TUFF WITH LESSER ARGILLITE										
	118.8		S2 foliation at 81 to core axis.										
			Ribboned to thin banded/bedded cherty felsic tuff with minor argillaceous interbeds/bands/partings.										
119.5	127.3	FTC	FELSIC CRYSTAL TUFF										
			Medium green grey, foliated, homogenous intermediate containing medium grey chert/cherty tuff fragments, up to 10 cms, small wispy flattened sericitic and bluish chloritic glassy fragments, up to 1 x4 mms, set in a variably chloritic, locally fecarbonate altered and granular, quartz crystal rich (grey to bluish) matrix. Fecarbonated feldspar(?) crystals are also present. Trace to 2% fine pyrite disseminated throughout.	10879	119.9	120.0	.1	33.0	17	72	.7	7843	<10
				10880	123.1	123.2	.1	32.0	9	95	1.0	5582	<10
				10881	126.0	126.1	.1	31.0	18	58	1.1	5082	<10
	120.0		S2 foliation at 79 to core axis.										
	125.6		S2 foliation at 79 to core axis.										
127.3	129.5	FTSA	INTERBANDED/BEDDED FELSIC TUFF WITH LESSER ARGILLITE										
			As above.	10882	128.6	128.7	.1	84.0	7	271	1.9	1841	<10
129.5	150.4	SA	ARGILLITE										
			Thin bedded to laminated, massive black carbonaceous argillite with lesser silty mudstone and minor medium grey siltstone. Locally abundant calcite-quartz veins are present. Pyrite (5-10%) occurs as very fine-grained disseminations, wispy disseminations and in quartz-calcite veinlets.	10883	131.4	131.5	.1	127.0	<4	651	2.0	4827	<10
				10884	134.0	134.1	.1	107.0	<4	593	1.0	2157	<10
				10885	136.6	136.7	.1	68.0	<4	331	12.4	409	<10
				10886	138.8	138.9	.1	99.0	6	71	3.6	2102	<10
	130.0		S2 foliation at 85 to core axis.	10887	142.8	142.9	.1	163.0	16	590	4.7	4727	<10
	134.5		S2 foliation at 75 to core axis.	10888	146.8	146.9	.1	171.0	13	2076	2.5	3188	<10
	136.5		S2 foliation at 54 to core axis.	10889	149.6	149.7	.1	128.0	41	198	3.4	6200	<10
	138.5		S2 foliation at 78 to core axis.										
	143.0	150.4	Strongly broken core with numerous gouge zones.										
	149.7		S2 foliation at 78 to core axis.										
150.4	157.1	SISA	INTERBANDED/BEDDED SILTSTONE WITH LESSER ARGILLITE										
			Thin interbedded to massive dark grey siltstone and dark grey to black, variably carbonaceous argillite cut by abundant quartz-calcite veinlets. Pyrite (3-5%) occurs as wispy disseminations and in veinlets/fractures.	10890	152.4	152.5	.1	71.0	<4	1569	2.3	3204	<10
				10891	154.5	154.6	.1	117.0	7	2729	1.7	4645	<10
	152.0	152.2	Quartz-calcite vein with trace-1% chalcopyrite.	10892	156.4	156.5	.1	138.0	21	205	1.8	5840	<10
	154.0		S2 foliation at 75 to core axis.										
	156.5		S2 foliation at 77 to core axis.										
157.1	161.5	SI	SILTSTONE										
			Medium to dark banded/bedded, medium grey siltstone/silty argillite (60-75%)	10893	158.7	158.8	.1	243.0	11	426	11.2	5564	<10

[illegible]

DDH RU96-01		V960372R,445R																													
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
10842	13.2	13.3	46	17	264	0.8	33	3283	4	4	42	1.73	18	62	20	5	33	<2	5	57	8	8	48	0.01	<.01	0.13	0.17	<.01	0.07	<10	
10843	17.0	17.1	2	5	22	<.4	<2	2370	<1	<1	3	0.31	<2	64	12	7	3	<2	4	8	<2	2	10	0.01	<.01	0.06	<.01	<.01	0.07	<10	
10844	18.0	18.1	11	12	86	<.4	22	1712	<1	10	12	3.4	18	45	<5	<5	33	<2	10	206	21	21	955	1.29	<.01	1.81	4.17	0.01	0.13	<10	
10845	21.5	21.6	10	<4	73	<.4	<2	1936	<1	9	5	2.57	11	47	<5	20	33	<2	8	84	11	13	556	1.33	0.05	1.55	2.62	0.02	0.08	<10	
10846	24.3	24.4	35	28	147	<.4	11	3392	<1	10	6	2.15	9	47	<5	5	26	3	<2	138	13	17	764	1.48	<.01	1.68	1.14	0.01	0.09	<10	
10847	27.3	27.4	8	64	159	0.6	7	6710	<1	4	115	1.44	28	182	16	5	130	<2	7	104	39	48	896	0.72	<.01	0.93	4.96	<.01	0.07	<10	
10848	30.4	30.5	55	11	39	0.8	<2	3608	<1	8	45	1.29	16	88	16	17	26	<2	7	55	9	10	668	0.75	<.01	0.78	2.13	<.01	0.09	<10	
10849	33.1	33.2	92	75	1494	1.8	6	2203	25	8	86	3.05	18	133	<5	12	151	11	<2	110	14	11	1575	1.06	<.01	1.33	3.9	<.01	0.03	<10	
10850	34.6	34.7	80	68	1014	1.5	<2	2652	16	7	88	3.06	22	121	8	5	131	3	<2	108	15	13	1547	1.1	<.01	1.35	3.88	<.01	0.04	<10	
12998	34.8	35.5	161	1878	2509	4.8	8	NA	25	9	108	2.92	7	100	12	12	86	<2	<2	95	26	6	992	1.01	<.01	0.93	3.81	<.01	0.06	<10	
12999	35.8	37.3	126	336	6321	2.4	21	NA	63	8	211	2.42	14	138	7	<5	112	8	<2	111	45	11	1096	0.93	<.01	0.73	5.32	<.01	0.06	<10	
13000	37.3	38.8	74	536	891	1.8	12	NA	7	5	51	1.88	10	106	6	13	35	3	<2	55	6	2	848	0.65	<.01	0.54	1.66	<.01	0.04	<10	
13001	38.8	39.6	244	1438	5510	4.4	<2	NA	40	13	127	6.86	37	140	<5	13	371	2	<2	86	19	6	2700	2.67	<.01	1.93	3.94	<.01	0.03	<10	
13002	39.6	41.1	67	136	957	1.4	8	NA	7	8	110	2.77	19	87	6	12	107	<2	<2	45	16	9	1039	1.23	<.01	0.62	2.08	<.01	0.08	<10	
10851	42.8	42.9	42	59	57	0.8	<2	2509	<1	3	41	0.73	10	68	8	20	10	<2	<2	8	4	5	218	0.32	<.01	0.18	0.69	<.01	0.06	<10	
10852	45.9	46.0	56	18	107	1.2	4	3664	<1	7	38	1.9	10	37	<5	21	11	<2	5	3	3	8	219	0.42	<.01	0.14	0.13	<.01	0.09	<10	
10853	47.2	47.3	46	89	281	0.8	<2	3901	<1	6	29	1.86	11	36	9	10	11	<2	<2	5	3	11	342	0.64	<.01	0.15	0.17	<.01	0.09	<10	
10854	48.7	48.8	32	204	235	0.5	2	1854	<1	2	24	1.21	6	79	<5	<5	18	<2	<2	9	2	5	638	0.49	<.01	0.13	0.35	<.01	0.04	<10	
10855	51.3	51.4	51	86	198	0.7	2	6397	<1	6	38	1.46	6	56	<5	14	27	<2	<2	9	3	15	719	0.39	<.01	0.17	0.25	<.01	0.08	<10	
10856	52.9	53.0	21	223	248	1.1	<2	3860	<1	4	22	1.23	9	65	9	16	10	14	<2	28	2	6	1414	0.62	<.01	0.15	0.97	<.01	0.09	<10	
10857	55.9	56.0	23	61	257	0.7	7	4803	<1	2	22	1.25	18	85	20	15	10	<2	<2	18	2	8	763	0.53	<.01	0.12	0.55	<.01	0.06	<10	
13003	58.0	59.5	31	31	163	0.4	20	NA	<1	6	30	1.36	10	86	<5	21	11	<2	<2	9	2	3	179	0.35	<.01	0.15	0.35	<.01	0.07	<10	
13004	59.5	60.5	30	5429	4526	4.5	<2	NA	49	4	21	2.58	5	102	<5	18	11	2	<2	8	<2	3	266	0.3	<.01	0.13	0.49	<.01	0.06	<10	
13005	60.5	62.0	19	83	137	0.4	17	NA	1	4	24	1.69	6	85	<5	<5	5	<2	<2	90	2	2	489	0.97	<.01	0.09	2.1	<.01	0.05	<10	
10858	62.8	62.9	83	110	310	1.4	10	5646	1	8	48	2.89	11	78	25	13	14	11	<2	24	3	5	768	0.8	<.01	0.13	1.28	<.01	0.06	<10	
10859	65.1	65.2	58	14	1157	1	12	2446	21	3	31	2.24	10	98	12	22	28	<2	<2	22	2	12	651	0.76	<.01	0.16	0.39	<.01	0.06	<10	
10860	68.1	68.2	37	49	151	0.8	8	3008	<1	5	32	1.73	13	53	7	5	9	<2	<2	6	2	7	113	0.18	<.01	0.15	0.06	<.01	0.09	<10	
10861	70.9	71.0	33	15	137	0.6	50	2558	1	3	24	1.37	9	39	<5	18	11	9	<2	7	<2	3	198	0.54	<.01	0.1	0.17	<.01	0.06	<10	
10862	73.7	73.8	45	15	144	0.7	24	2230	1	7	30	1.87	12	41	9	20	9	<2	<2	5	<2	3	183	0.3	<.01	0.09	0.14	<.01	0.06	<10	
10863	76.7	76.8	9	<4	290	0.5	<2	3432	<1	5	29	3.13	16	53	11	19	24	7	<2	5	<2	4	474	1.33	<.01	0.11	0.07	<.01	0.05	<10	
10864	79.2	79.3	14	<4	45	<.4	23	1367	<1	1	14	0.97	2	61	6	17	4	<2	<2	16	<2	<2	333	0.54	<.01	0.06	0.59	<.01	0.03	<10	
10865	82.3	82.4	40	27	240	1.5	40	2104	1	4	36	1.87	7	61	<5	18	9	<2	<2	5	2	4	123	0.27	<.01	0.13	0.07	<.01	0.07	<10	
10866	84.9	85.0	40	183	916	2.2	36	2225	7	8	36	3.02	5	46	13	<5	24	6	<2	17	2	4	534	0.87	<.01	0.15	0.45	<.01	0.06	<10	
10867	87.5	87.6	47	164	549	1.5	11	3236	3	4	31	2.41	7	54	<5	9	23	<2	<2	12	2	7	443	1.07	<.01	0.14	0.23	<.01	0.06	<10	
10868	89.6	89.7	49	32	168	1.6	36	2573	<1	6	34	3.97	12	55	<5	12	29	4	<2	45	2	5	548	1.94	<.01	0.18	0.87	<.01	0.08	<10	
10869	91.6	91.7	54	89	352	1.7	69	3062	3	8	58	2.52	9	45	<5	6	29	9	<2	25	3	4	352	0.97	<.01	0.16	0.54	<.01	0.09	<10	
10870	93.5	93.6	34	64	212	0.9	17	2619	1	5	32	1.93	5	47	<5	31	10	<2	<2	44	3	5	487	1.02	<.01	0.15	1.23	<.01	0.1	<10	
10871	96.3	96.4	40	63	117	1	17	3247	<1	5	25	2.29	10	44	12	<5	10	<2	<2	27	2	2	792	0.6	<.01	0.09	0.63	<.01	0.07	<10	
10872	99.0	99.1	36	55	187	1.5	41	1816	1	5	25	1.72	7	48	7	16	7	6	<2	5	<2	3	195	0.22	<.01	0.09	0.08	<.01	0.06	<10	
10873	102.1	102.2	45	51	97	1	107	1965	<1	5	34	2.46	12	47	<5	24	13	<2	<2	18	<2	4	660	0.88	<.01	0.11	0.29	<.01	0.06	<10	
10874	104.9	105.0	40	125	949	2.8	43	2223	8	5	67	2.13	33	51	<5	<5	85	<2	<2	29	3	3	1195	1.07	<.01	0.1	0.73	<.01	0.05	<10	
10875	107.1	107.2	68	4	853	0.8	609	2383	13	7	161	1.53	26	61	<5	23	64	<2	<2	9	2	2	181	0.32	<.01	0.09	0.17	<.01	0.06	<10	
13006	108.6	109.2	122	9420	8462	24.6	44	NA	56	16	130	7.01	61	55	5	23	126	6	<2	48	4	3	2619	2.1	<.01	0.31	1.33	0.01	0.05	<10	
13007	109.2	110.7	47	154	346	1.2	54	NA	2	10	102	2.45	39	73	<5	16	41	<2	3	13	3	2	727	0.5	<.01	0.18	0.19	0.01	0.06	<10	
10876	112.0	112.1	51	6	328	0.6	44	3457	3	5	55	2.06	24	58	<5	21	45	<2	<2	36	3	4	1201	0.97	<.01	0.14	0.57	<.01	0.04	<10	

10877	114.4	114.5	65	32	558	4.3	58	7902	9	3	73	0.8	31	58	14	29	58	<2	<2	82	6	4	505	0.44	<.01	0.16	0.65	<.01	0.05	<10
10878	117.2	117.3	41	33	685	0.7	29	7551	8	3	84	1.13	31	59	<5	13	39	<2	<2	122	7	3	849	0.64	<.01	0.14	1.62	<.01	0.07	<10
10879	119.9	120.0	33	17	72	0.7	14	7843	<1	12	37	3	9	36	24	11	5	<2	<2	52	7	13	662	0.99	<.01	0.22	2.53	<.01	0.15	<10
10880	123.1	123.2	32	9	95	1	22	5582	<1	10	30	2.59	3	35	6	21	8	<2	<2	83	8	7	373	0.95	<.01	0.3	1.95	0.01	0.13	<10
10881	126.0	126.1	31	18	58	1.1	26	5082	<1	9	29	2.88	<2	28	<5	<5	7	<2	<2	86	5	8	281	1.76	<.01	0.23	1.96	<.01	0.11	<10
10882	128.6	128.7	84	7	271	1.9	17	1841	2	3	49	1.18	4	96	<5	26	42	9	<2	73	13	3	329	0.76	<.01	0.17	2.24	<.01	0.07	<10
10883	131.4	131.5	127	<4	651	2	112	4827	8	8	165	1.56	22	66	<5	22	106	<2	<2	168	28	11	404	1.86	<.01	0.34	4.37	<.01	0.15	<10
10884	134.0	134.1	107	<4	593	1	17	2157	6	5	131	1.11	30	87	10	11	147	<2	<2	28	24	11	74	1.21	<.01	0.35	1.01	<.01	0.13	<10
10885	136.6	136.7	68	<4	331	12.4	32	409	3	2	91	1.09	9	81	<5	54	257	9	<2	133	28	11	539	4.63	<.01	0.36	7.63	<.01	0.03	<10
10886	138.8	138.9	99	6	71	3.6	52	2102	<1	4	124	1.23	21	74	12	55	166	<2	<2	48	20	10	159	1.55	<.01	0.41	1.87	<.01	0.13	<10
10887	142.8	142.9	163	16	590	4.7	81	4727	6	5	199	1.94	35	101	6	57	301	2	<2	75	62	24	219	1.32	<.01	0.61	3.53	<.01	0.22	<10
10888	146.8	146.9	171	13	2076	2.5	44	3188	32	2	134	1.03	36	75	<5	27	225	6	<2	60	27	18	270	0.94	<.01	0.3	1.82	<.01	0.12	<10
10889	149.6	149.7	128	41	198	3.4	20	6200	1	5	208	1.32	20	92	9	29	90	<2	<2	54	21	16	137	0.49	<.01	0.3	1.03	<.01	0.15	<10
10890	152.4	152.5	71	<4	1569	2.3	71	3204	14	4	75	1.27	23	99	<5	29	46	<2	<2	39	7	3	122	0.27	<.01	0.12	0.69	<.01	0.07	<10
10891	154.5	154.6	117	7	2729	1.7	14	4645	31	9	127	3.56	32	48	7	33	158	2	<2	98	11	4	725	2.81	<.01	0.25	2.57	<.01	0.07	<10
10892	156.4	156.5	138	21	205	1.8	38	5840	1	6	174	2.12	49	61	<5	31	101	3	<2	35	13	2	248	1.1	<.01	0.17	1.1	<.01	0.08	<10
10893	158.7	158.8	243	11	426	11.2	46	5564	4	4	232	1.45	33	93	<5	42	244	2	<2	38	30	8	116	0.86	<.01	0.57	1.63	<.01	0.12	<10
10894	161.4	161.5	105	5	265	1.8	66	1596	3	3	124	0.62	53	106	<5	22	118	2	<2	19	11	11	130	0.54	<.01	0.21	0.72	<.01	0.06	<10

[illegible]

[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
44.1	46.1	FTL	FELSIC LAPILLI TUFF Rhyolite lapilli tuff as 39.8-42.3. Sericitic yellow green mass surrounds 1-3cm lensoidal silica forms, some white feldspar speckling. 4% pyrite. S2 foliation 60 degrees to core axis.	10909	45.0	45.1	.1	61.0	<4	44	.7	6435	<10
46.1	49.4	SA	ARGILLITE Black carbonaceous siliceous mudstone forms most of interval. Beginning and end of interval slightly transitional with tuff layers interlaminated with mudstone. 3% fine disseminations of pyrite crystals. S2 foliation is 60 degrees to core axis.	10910	47.8	47.9	.1	444.0	<4	215	2.1	3595	<10
49.4	55.5	FTL	FELSIC LAPILLI TUFF Rhyolite lapilli tuff similar to 39.8-42.3, 44.1-46.1. 5% disseminated pyrite - no base metal sulphides evident. S2 foliation 60 degrees to core axis.	10911	50.5	50.6	.1	64.0	<4	61	1.0	6676	<10
				10912	53.2	53.3	.1	30.0	<4	46	.5	7678	<10
				10913	55.4	55.5	.1	64.0	<4	54	1.3	10224	<10
55.5	68.6	SA	ARGILLITE Black siliceous carbonaceous mudstone with medium grey siltstone stripes. Similar to 3.0-36.7 but less broken and perhaps more carbonaceous. 4% fine disseminations of pyrite or possibly pyrrhotite. S2 foliation 60 degrees to core axis.	10914	59.2	59.3	.1	50.0	<4	479	.7	6903	<10
				10915	61.5	61.6	.1	122.0	<4	99	.9	5644	<10
				10916	64.2	64.3	.1	55.0	<4	213	.8	6078	<10
				10917	67.3	67.4	.1	88.0	6	120	1.1	8355	<10
68.6	70.3	FTSA	INTERBANDED/BEDDED FELSIC TUFF WITH LESSER ARGILLITE Finely interbanded black mudstone and felsic tuff. 1-5mm black carbonaceous pelitic layers alternate with 1-10mm quartz sericite rhyolite layers. 1% fine disseminated pyrrhotite. S2 foliation 65 degrees to core axis.										
70.3	70.8	FD	FELSIC DYKE Slightly altered felsic dyke similar to 42.3-42.8. Slightly altered to clays, sharp but discordant contacts with adjoining rock. 2% fine pyrite.										
70.8	72.0	FTSA	INTERBANDED/BEDDED FELSIC TUFF WITH LESSER ARGILLITE Finely interbanded black mudstone and felsic tuff as 68.6-70.3. 1% fine disseminated pyrite. S2 foliation 65 degrees to core axis.	10918	71.1	71.2	.1	33.0	<4	55	.8	5017	<10
72.0	76.2	FDAL	ALTERED FELSIC DYKE Altered 'kaolinized' felsic dyke. Rock probably similar to 70.3-70.8, but with less pyrite. And showing moderate to strong alteration to clays, probably from feldspars. Very pale green white partially kaolin rock, relatively soft.	10919	73.6	73.7	.1	24.0	<4	75	.9	905	<10
76.2	76.8	MV	MAFIC VOLCANIC Chlorite rock with 20-30% wispy bands and patches of medium crystalline pyrite (some oxidized). Uncertain protolith; possibly mafic tuff, but could be alteration feature near felsic dyke. Rock shows some fracturing and gouge and forms part of broad zone of fracturing and gouge from 76.2-86.8.	12995	76.2	76.8	.6	246.0	102	830	23.7		40
76.8	77.9	FF	FELSIC FLOW Dove, light grey-white very siliceous rhyolite flow with fine wispy network sericite and 2% fine pyrite. At 77.1-77.2 green chlorite band.	10920	77.4	77.5	.1	48.0	<4	201	1.0	731	<10

From (m)	To (m)	Rock Type	Geology	Smple	From (m)	To (m)	Lng (m)	CU PPM	PB PPM	ZN PPM	AG PPM	BA (4) PPM	AU PPB
77.9	78.2	MV	MAFIC VOLCANIC Green chlorite rock with 20% pyrite as 76.2-76.8. Few patches of rhyolite with chlorite.										
78.2	81.8	FF	FELSIC FLOW Rhyolite flow as 76.8-77.9, strongly fractured, gouge at 81.5-81.6.	10921	79.8	79.9	.1	31.0	<4	24	.8	1832	<10
81.8	82.3	FLT	FAULT Fault zone of rock gouge and clay, generally light coloured and probably derived from felsics except for black clay in basal 2cm derived from underlying mudstone.										
82.3	84.2	SA	ARGILLITE Black carbonaceous-siliceous mudstone strongly fractured with 5-20% white quartz filled gash veins. Black mudstone as seen previously, quite siliceous, strong fracturing with white quartz veining most abundant adjacent to dyke.	12996 12997	82.3 83.8	83.8 85.3	1.5 1.5	49.0 175.0	22 16	930 404	1.2 1.9		60 100
84.2	85.6	FF	FELSIC FLOW White, dense, aphanitic rock (rhyolite flow), strongly fractured with bands and seams of 10-20% medium grained pyrite crystals which appear late.										
85.6	87.0	SA	ARGILLITE Black carbonaceous siliceous mudstone as 82.3-84.2. Few quartz veinlets, strongly fractured, 2% pyrite, minor arsenopyrite.										
87.0	88.2	FF	FELSIC FLOW Strongly fractured rhyolite flow as 84.2-85.6, with pyrite(7%) stockwork.	10922	87.7	87.8	.1	111.0	<4	108	1.7	5816	80
88.2	89.5	SA	ARGILLITE Black carbonaceous siliceous mudstone with striped silt bands (15%). White quartz vein stockwork similar to 82.3-84.2. 2% pyrite. S2 foliation 55 degrees to core axis.	10923	89.2	89.3	.1	86.0	4	67	1.4	3029	88
89.5	89.9	FD	FELSIC DYKE Felsic dyke similar to previous, not clay altered, 5% fine pyrite (arsenopyrite?) disseminations. S2 foliation 55 degrees to core axis.										
89.9	91.5	SA	ARGILLITE Black carbonaceous siliceous mudstone as 88.2-89.3.										
91.5	94.6	FF	FELSIC FLOW Rhyolite flow, as preceding, strongly fractured. Seams and bands at 20-60cm. Intervals of 30% pyrite are 4cm. Seems less blocky, core is more competent, probably getting away from fault zone.	10924	92.8	92.9	.1	101.0	<4	149	2.1	2395	20
94.6	105.4	SA	ARGILLITE Black carbonaceous siliceous mudstone with lesser light grey siliceous siltstone striping. Similar to previous intervals but with 20% siltstone bands, locally more at 95.3-95.5. 97.2-97.3, Felsic Dykes.	10925 10926 10927 10928	95.2 98.2 100.9 104.1	95.3 98.3 101.0 104.2	.1 .1 .1 .1	93.0 73.0 103.0 253.0	8 5 6 82	112 71 80 236	1.2 1.6 1.7 6.5	4821 2925 5930 4726	<10 <10 <10 <10

[illegible]

DDH FL96-01		V960372R, 446R																												
LAB N	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	Tl	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
10895	4.5	4.6	67	<4	173	1.8	103	2275	<1	<1	39	0.83	24	90	<5	68	202	<2	<2	21	22	7	14	0.03	<.01	0.26	0.24	<.01	0.14	<10
10896	8.2	8.3	11	9	9	1.1	3	2342	<1	<1	2	0.57	<2	105	6	33	56	3	<2	12	14	15	6	0.01	<.01	0.14	0.03	<.01	0.1	<10
10897	11.6	11.7	94	<4	301	2.2	114	1568	<1	9	83	3.72	20	82	<5	25	64	8	<2	8	13	7	79	0.01	<.01	0.2	0.01	<.01	0.13	<10
10898	13.9	14.0	162	109	210	2.6	45	750	<1	5	71	3.09	3	124	9	39	35	<2	2	18	10	4	62	0.16	<.01	0.28	0.26	<.01	0.06	<10
10899	16.6	16.7	28	5	51	2.1	104	2308	1	<1	42	0.58	22	112	<5	27	189	2	<2	37	24	18	12	0.04	<.01	0.3	0.78	<.01	0.18	<10
10900	18.9	19.0	114	<4	65	3.1	292	1838	3	<1	47	0.63	17	147	<5	41	291	<2	<2	30	26	12	16	0.04	<.01	0.31	1.04	<.01	0.17	<10
10901	21.6	21.7	45	5	209	1.1	23	1207	<1	1	45	1.94	<2	54	<5	23	14	<2	<2	6	4	2	39	<.01	<.01	0.08	0.01	<.01	0.05	<10
10902	25.0	25.1	80	<4	119	1.1	53	1884	1	2	62	1.1	<2	105	6	21	69	2	<2	45	23	12	40	0.19	<.01	0.32	1.28	<.01	0.09	<10
10903	27.7	27.8	104	16	137	1.7	110	1541	1	7	143	2.64	7	95	<5	23	56	5	<2	46	34	11	107	0.05	<.01	0.35	1.7	<.01	0.11	<10
10904	30.7	30.8	191	<4	194	1.4	35	1641	3	7	103	0.93	11	103	<5	14	106	<2	<2	31	23	10	313	0.42	<.01	0.24	1.83	<.01	0.11	<10
10905	33.6	33.7	350	19	289	2.4	127	1766	4	16	182	2.37	5	88	5	24	26	5	<2	23	18	14	209	0.15	<.01	0.24	0.81	<.01	0.1	<10
10906	39.1	39.2	104	15	467	1.2	105	3353	7	21	212	1.6	66	71	<5	15	117	<2	<2	16	11	4	163	0.41	<.01	0.21	0.72	<.01	0.11	<10
10907	41.9	42.0	169	<4	58	1.2	236	4176	1	20	107	4.33	<2	52	15	22	40	<2	<2	86	13	5	291	0.96	<.01	0.5	2.74	<.01	0.18	<10
10908	42.5	42.6	85	<4	247	1.3	195	1417	2	40	110	5.88	5	208	<5	20	65	2	2	121	16	10	1171	2.89	<.01	0.47	4.14	<.01	0.04	<10
10909	45.0	45.1	61	<4	44	0.7	13	6435	<1	12	52	2.6	5	56	<5	5	9	5	<2	24	4	15	125	1.19	<.01	0.74	0.65	<.01	0.12	<10
10910	47.8	47.9	444	<4	215	2.1	120	3595	3	32	141	1.17	8	64	<5	24	31	2	<2	15	10	4	98	0.13	<.01	0.2	0.32	<.01	0.1	<10
10911	50.5	50.6	64	<4	61	1	34	6676	<1	15	65	3.06	<2	40	<5	17	11	11	2	29	7	15	310	1.16	<.01	0.61	0.99	<.01	0.13	<10
10912	53.2	53.3	30	<4	46	0.5	9	7678	<1	8	58	2.45	<2	35	<5	21	10	12	2	41	6	18	261	1.2	<.01	0.54	1.07	<.01	0.12	<10
10913	55.4	55.5	64	<4	54	1.3	44	10224	<1	9	65	2.06	10	33	10	23	9	<2	<2	12	6	15	70	0.06	<.01	0.19	0.19	<.01	0.13	<10
10914	59.2	59.3	50	<4	479	0.7	46	6903	6	4	73	1.3	30	44	<5	10	62	<2	<2	77	6	12	204	0.61	<.01	0.18	1.35	<.01	0.08	<10
10915	61.5	61.6	122	<4	99	0.9	110	5644	1	5	90	1.24	14	77	<5	33	53	3	<2	73	20	13	216	0.62	<.01	0.29	1.95	<.01	0.14	<10
10916	64.2	64.3	55	<4	213	0.8	119	6078	3	3	70	1.37	8	77	9	28	85	2	<2	73	27	8	91	0.15	<.01	0.42	1.39	<.01	0.17	<10
10917	67.3	67.4	88	6	120	1.1	62	8355	1	5	102	1.13	53	66	<5	33	107	<2	<2	43	9	6	111	0.2	<.01	0.25	0.39	<.01	0.14	<10
10918	71.1	71.2	33	<4	55	0.8	<2	5017	<1	4	38	1.46	2	33	10	14	7	6	<2	16	4	14	116	0.36	<.01	0.27	0.23	<.01	0.12	<10
10919	73.6	73.7	24	<4	75	0.9	246	905	1	30	223	3.46	<2	380	5	51	68	<2	<2	203	12	9	974	4.38	<.01	1.64	5.75	<.01	0.1	<10
612995	76.2	76.8	246	102	830	23.7	168	NA	1	37	216	27.19	15	131	16	58	426	<2	6	6	5	<2	1849	3.26	0.01	4.76	0.18	<.01	0.01	40
10920	77.4	77.5	48	<4	201	1	3	731	<1	4	26	2.72	<2	95	<5	31	63	<2	<2	4	2	<2	581	0.61	<.01	0.88	0.14	<.01	0.02	<10
10921	79.8	79.9	31	<4	24	0.8	308	1832	2	2	9	0.69	<2	102	12	5	6	4	2	37	2	2	480	0.38	<.01	0.09	0.87	<.01	0.04	<10
612996	82.3	83.8	49	22	930	1.2	573	NA	20	6	72	1.55	31	105	<5	18	64	3	<2	50	6	3	427	0.83	<.01	0.15	1.78	<.01	0.07	60
612997	83.8	85.3	175	16	404	1.9	1035	NA	8	12	81	3.54	14	100	<5	23	44	4	<2	131	11	<2	542	1.02	<.01	0.19	2.51	<.01	0.04	100
10922	87.7	87.8	111	<4	108	1.7	551	5816	4	2	60	1.86	11	85	<5	33	58	<2	<2	164	18	5	259	0.31	<.01	0.27	1.83	<.01	0.12	80
10923	89.2	89.3	86	4	67	1.4	1424	3029	9	2	52	1.06	4	102	<5	45	23	<2	<2	163	41	8	154	0.34	<.01	0.33	3.81	<.01	0.12	88
10924	92.8	92.9	101	<4	149	2.1	304	2395	1	4	55	2.46	5	75	8	21	25	3	2	86	8	5	574	0.75	<.01	0.16	1.51	<.01	0.06	20
10925	95.2	95.3	93	8	112	1.2	97	4821	1	2	63	0.81	<2	94	<5	20	31	2	<2	67	12	8	111	0.22	<.01	0.23	0.86	<.01	0.1	<10
10926	98.2	98.3	73	5	71	1.6	160	2925	1	2	50	1.56	<2	81	<5	20	11	8	<2	130	9	4	933	1.79	<.01	0.15	4.27	<.01	0.07	<10
10927	100.9	101.0	103	6	80	1.7	106	5930	1	3	77	1.15	6	94	<5	42	22	<2	<2	83	12	4	109	0.17	<.01	0.25	1.05	<.01	0.09	<10
10928	104.1	104.2	253	82	236	6.5	203	4726	1	6	262	1.93	16	92	6	32	81	<2	<2	111	34	11	632	1.64	<.01	0.29	4.05	<.01	0.14	<10

Page: 1 of 6

Drill Hole: EX96-02

Company: Cominco Ltd.

Easting: 100 E
 Northing: 203 N
 Property Name: EXPO
 Grid:
 Drilled by: LF-70
 Core Size: NQ
 Completed: August 3, 1996
 Date(s) Logged:
 NTS: 105G-2

Purpose: Test stratigraphy down-dip of the White Creek Showings.

[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 PPB
.0	10.4	OVH	OVERBURDEN										
10.4	16.2	CFT	SILICA BANDED, PYRITIC FELSIC ASH TUFF/EXHALITE (?) Ribbed / banded white to light grey silica rock with fine mm scale light green sericite partings. Silica bands are typically 0.5 to 1 cm wide and very fine to fine grained, recrystallized in character. Two to three % pyrite is present as streaks and discontinuous laminae along with rare sphalerite grains to parallel to S2. The pyrite occurs in association with light green sericite. S2 to core axis is at 65 degrees. The core is blocky and weathered with limonite along partings and fractures to 21.5 m.	14584	14.7	14.8	.1	53.0	<4	47	<.4	2838	<10
16.2	19.2	CSAF	INTERBEDDED, PYRITIC FELSIC ASH TUFF/EXHALITE (?) AND SILICEOUS MUDSTONE Alternating light and dark grey banded siliceous rock comprising interbanded / laminated dark grey chlorite with light green sericite and silica. Likely mudstones (50%) with felsic ash tuff / exhalite component (50%). Very fine grained pyrite present as fine disseminated grains and local discontinuous thin laminae within the siliceous, chloritic mudstones and light green sericitic tuffs. Few specks sphalerite parallel to S2 at 19.0m. Contacts of this unit with bounding felsites are sharp.	14585	18.8	18.9	.1	75.0	<4	353	.4	3159	<10
19.2	41.7	CFT	SILICA BANDED, PYRITIC FELSIC ASH TUFF/EXHALITE (?) Silica rich, ribboned rock with thin sericitic partings as in uppermost interval. Pyrite content and mode of occurrence also similar at several % however it also occurs as local recrystallized grains to several mm. The unit is pervasively stress fractured with incipient microfractures developed through the silica rock. S2 to ca at 25 degrees. Core is very blocky and fragmented over basal meter of interval. 23.8 24.1 Thin fractures running at 25 degrees to ca healed with Fe-CO3, quartz, and minor epidote. 31.1 31.9 More 'massive' ribboned siliceous interval with fewer sericite partings. 32.9 33.5 Thin aphanitic creamy white distinctive bands (feldspar?) to 2 cm wide occur within this interval. The bands are extremely hard / siliceous and contain trace to several % fine grained pyrite as disseminated grains and S2 parallel wisps. 35.4 35.5 GOUGE - thin narrow gouge zone parallel to S2.	14586 14587 14588 14589 14590 14591 14592	22.5 26.0 28.9 31.4 34.3 37.1 39.3	22.6 26.1 29.0 31.5 34.4 37.2 39.4	.1 .1 .1 .1 .1 .1 .1	50.0 64.0 583.0 205.0 43.0 107.0 39.0	<4 14 5 4 11 6 7	47 60 56 15 71 48 35	.6 .6 1.1 .7 4.4 .7 .6	1425 2862 1548 1769 2398 2535 2100	<10 <10 30 <10 <10 <10 <10
41.7	49.2	FF	FELSIC FLOW Very siliceous, aphanitic tan, to light grey, to pinkish hue rock with phyllic partings. Likely a K-spar altered/rich flow unit with phyllic alteration. Light green sericite and medium green chlorite (5-15%) form thin partings parallel to S2. Pink K-spar overprint locally imparts a marbled texture to rock. Trace to several % pyrite present as fine dustings and disseminated grains notably near upper contact. S2 to ca at 30 degrees. Thin streak of red sphalerite at 49.0 m. 47.2 47.5 GOUGE - minor gouge in interval with fragmented, white dolomite and chlorite healed fractures.	14593 14594 14560	43.1 45.6 47.7	43.2 45.7 49.2	.1 .1 1.5	197.0 120.0 461.0	4 4 4	56 61 519	.6 .9 1.2	4745 16749 12525	<10 <10 <10
49.2	53.3	CFTA	SILICA BANDED, PYRITIC FELSIC ASH TUFF/EXHALITE (?) - CHLORITE-SIDERITE ALTERED Silica banded unit with micaceous partings very similar to cherty tuff units	14561	49.2	50.3	1.1	617.0	<4	1750	1.7	7711	<10

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
			above. Quartz varies from light grey shades to smokey grey. Light green sericite and medium green chlorite present typically as thin partings to the silica bands. Gradational contact with overlying unit from more homogeneous fabric into more distinctive ribboned fabric. Distinct increase in sulphide content from discontinuous, thin, spaced streaks to narrow intervals saturated with disseminated fine pyrite. The pyrite locally exhibits a fine buckshot texture when recrystallized forms to 2mm occur. Weak disseminated sphalerite is commonly associated with the pyrite and also occurs as thin local wispy laminae. Medium green chlorite (tr. - several %) is prevalent with the mineralization.	14562	50.3	51.8	1.5	385.0	5	290	1.2	3572	<10
			49.3 49.9 ATM - up to 25-40% pyrite over narrow cm scale intervals spaced decimeters apart in association with trace to < 1% spalerite. Green chlorite, siderite and quartz also present. Generally a fine grained, homogenous to swirled texture.	14563	51.8	53.3	1.5	98.0	5	1843	2.1	6539	<10
			50.7 50.8 GOUGE - narrow interval of shattered, shard-like rock.										
			51.8 52.3 GOUGE - fragmented broken core, poor recovery. One core fragment comprises quartz healed breccia with siliceous chloritic clasts on cm scale.										
53.3	53.5	ATM	SILICA-PYRITE-CHLORITE-SIDERITE ALTERED TUFF/EXHALITE (?) Narrow interval with gradational contacts exhibiting a banded character parallel to S2 at 60 degrees to ca. Weak chloritic, quartz rich rock into abundant green chlorite siderite, pyrite rock with minor quartz. Minor streaky, laminar red brown sphalerite present. Rock as a mottled to laminar texture. Minerals are typically fine grained (0.5-1 mm) with scattered coarser crystals to 2 mm. Likely represents a strong alteration assemblage.	14564	53.3	53.5	.2	367.0	<4	12928	4.5	10812	<10
53.5	53.8	SR	SULPHIDE ROCK Pyrite rich rock with minor pyrrhotite (5-8%) and even less sphalerite. Gradational contacts with overlying and underlying mineral assemblages Siderite (5-15%) and chlorite (5-20%) form non-sulphide gangue component. Iron sulphides exhibit a fine buckshot, recrystallized character to several mm. Sphalerite (1-2%) is very fine grained, streak, and parallels foliation.	14565	53.5	53.8	.3	1116.0	<4	12213	7.4	11273	<10
53.8	54.1	ATM	SILICA-PYRITE-CHLORITE-SIDERITE ALTERED TUFF/EXHALITE (?) As in 53.3 53.5m interval with reverse symmetry. Sulphide and chlorite and siderite content rapidly gives way to quartz rich groundmass with sericite. Centimeter wide quartz veins at through unit at its base.	14566	53.8	54.1	.3	516.0	10	17829	5.2	8205	<10
54.1	62.0	CFTA	SILICA BANDED, PYRITIC FELSIC ASH TUFF/EXHALITE (?) - CHLORITE-SIDERITE ALTERED As in 49.2-53.3 interval. Silica ribbons with sericite/chlorite partings and varying concentrations of pyrite and lesser sphalerite.	14567	54.1	55.6	1.5	88.0	<4	331	1.0	13816	24
			56.9 57.0 ATM - medium green chloritic calcareous interval with several laminae of concentrated mm scale euhedral pyrite.	14568	55.6	57.1	1.5	73.0	49	5320	2.1	41833	<10
			57.5 57.9 ATM - buff brown sideritic interval with disseminated pyrite + sphalerite in upper 10 cm followed by a weak mineralized laminar interval with silica, chlorite, and siderite. Lowermost 10 cm comprises a pyrite rich rock with a 3 cm crosscutting calcite vein. Core loss here.	14569	57.1	58.6	1.5	213.0	115	9206	5.2	15504	<10
				14570	58.6	60.1	1.5	166.0	7	6572	4.1	7054	<10
				14571	60.1	61.0	.9	155.0	17	2751	2.7	2217	<10
				14572	61.0	62.0	1.0	137.0	13	18203	3.4	2461	<10

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[illegible]

DDH EX96-02		V960372R																													
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	
14584	14.7	14.8	53	<4	47	<4	14	2838	<1	4	24	1.2	<2	70	<5	5	3	<2	<2	14	3	4	48	0.29	<0.01	0.11	0.5	<0.01	0.05	<10	
14585	18.8	18.9	75	<4	353	0.4	11	3159	5	4	112	0.94	21	76	<5	8	69	<2	<2	24	16	9	50	0.07	<0.01	0.17	0.74	<0.01	0.05	<10	
14586	22.5	22.6	50	<4	47	0.6	22	1425	<1	4	18	0.78	<2	69	<5	8	13	<2	<2	40	6	6	359	1.15	<0.01	0.12	1.85	<0.01	0.02	<10	
14587	26.0	26.1	64	14	60	0.6	19	2862	<1	5	33	1.14	<2	62	<5	8	9	<2	<2	13	9	8	189	0.73	<0.01	0.08	0.75	<0.01	0.04	<10	
14588	28.9	29.0	583	5	56	1.1	23	1548	<1	33	126	4.76	<2	64	<5	5	13	3	<2	6	5	<2	116	0.7	<0.01	0.14	0.33	<0.01	0.03	30	
14589	31.4	31.5	205	<4	15	0.7	9	1769	<1	4	42	0.88	2	77	<5	8	2	<2	2	2	<2	4	27	0.14	<0.01	0.04	0.08	<0.01	0.03	<10	
14590	34.3	34.4	43	11	71	<4	<2	2398	<1	6	38	0.95	2	71	<5	<5	7	<2	<2	28	3	4	121	0.53	<0.01	0.05	0.82	<0.01	0.03	<10	
14591	37.1	37.2	107	8	48	0.7	3	2535	<1	4	43	1.47	<2	69	<5	<5	8	<2	<2	16	2	2	86	0.63	<0.01	0.07	0.42	<0.01	0.04	<10	
14592	39.3	39.4	39	7	35	0.6	10	2100	<1	5	33	1.03	<2	74	<5	16	3	<2	<2	13	2	3	57	0.29	<0.01	0.05	0.39	<0.01	0.04	<10	
14593	43.1	43.2	197	4	56	0.6	14	4745	<1	5	169	2.03	14	115	<5	17	152	5	<2	28	27	31	249	0.93	<0.01	0.23	1.33	<0.01	0.04	<10	
14594	45.6	45.7	120	<4	61	0.9	14	16749	<1	5	85	1.34	15	121	<5	17	227	<2	<2	41	31	13	121	0.82	0.05	0.29	1.3	<0.01	0.04	<10	
14590	47.7	49.2	481	<4	519	1.2	17	12525	4	19	122	5.49	22	69	<5	39	198	3	<2	50	20	6	170	0.45	<0.01	0.33	1.84	<0.01	0.1	<10	
14561	49.2	50.3	617	<4	1750	1.7	<2	7711	14	5	120	10.76	13	89	<5	37	286	6	<2	39	21	5	259	0.45	<0.01	0.36	1.38	<0.01	0.07	<10	
14562	50.3	51.8	385	5	290	1.2	15	3572	2	3	95	2.49	12	83	<5	10	96	<2	<2	128	29	10	88	0.43	<0.01	0.44	3.33	<0.01	0.17	<10	
14563	51.8	53.3	98	5	1843	2.1	5	6539	15	3	75	2.15	18	79	6	21	121	<2	<2	75	13	7	127	0.57	<0.01	0.37	1.63	<0.01	0.09	<10	
14564	53.3	53.5	367	<4	12928	4.5	<2	10812	117	10	169	16.07	14	87	<5	59	379	10	<2	48	22	6	1050	0.71	<0.01	0.36	1.64	<0.01	0.05	<10	
14565	53.5	53.8	1116	<4	12213	7.4	19	11273	113	2	249	23.61	10	74	<5	51	409	6	<2	48	24	4	1026	0.36	0.03	0.47	2.13	<0.01	0.02	<10	
14566	53.8	54.1	516	10	17829	5.2	71	8205	177	15	166	18.67	4	60	<5	42	184	2	<2	54	14	6	932	1.43	<0.01	0.26	2.56	<0.01	0.04	<10	
14567	54.1	55.8	88	<4	331	1	8	13816	3	8	104	1.7	27	70	<5	9	75	<2	<2	36	11	14	93	0.22	<0.01	0.41	0.63	<0.01	0.19	24	
14568	55.6	57.1	73	49	5320	2.1	8	41833	47	6	85	3.49	16	75	8	20	280	<2	<2	58	20	3	877	1.09	0.01	0.79	3.27	<0.01	0.08	<10	
14569	57.1	58.6	213	115	9206	5.2	<2	15504	85	5	133	8.14	23	71	<5	20	773	4	<2	82	26	4	1084	1.8	<0.01	0.62	4.15	<0.01	0.08	<10	
14570	58.6	60.1	166	7	6572	4.1	5	7054	59	3	139	7.57	35	106	16	16	953	4	<2	67	32	10	504	0.38	0.01	0.53	2.6	<0.01	0.08	<10	
14571	60.1	61.0	155	17	2751	2.7	5	2217	27	3	139	3.58	18	98	7	10	765	2	<2	99	21	9	286	0.47	0.01	0.53	2.29	<0.01	0.07	<10	
14572	61.0	62.0	137	13	18203	3.4	19	2461	168	4	134	2.92	28	97	8	11	796	<2	<2	106	17	6	233	0.83	0.02	0.57	2.22	<0.01	0.1	<10	
14573	62.0	62.5	130	9	392	3.4	37	3037	2	3	112	1.06	10	109	<5	38	148	<2	<2	101	13	8	123	0.64	<0.01	0.31	1.66	<0.01	0.08	<10	
14574	62.5	64.0	139	6	374	2.2	37	3237	3	3	131	0.98	9	129	<5	35	111	<2	<2	90	16	11	124	0.68	<0.01	0.26	1.77	<0.01	0.09	<10	
14595	67.0	67.1	144	8	196	1.6	13	2453	1	3	210	1.03	16	94	<5	7	55	9	<2	40	16	11	81	0.24	<0.01	0.15	0.96	<0.01	0.06	<10	
14596	70.6	70.7	124	9	229	1.9	8	2030	1	2	96	0.77	8	84	<5	<5	32	<2	<2	13	6	4	37	0.22	<0.01	0.08	0.55	<0.01	0.03	<10	
14597	73.3	73.4	139	<4	792	1.9	23	2322	6	3	187	0.85	25	79	<5	11	63	<2	<2	40	15	12	67	0.42	<0.01	0.13	0.9	<0.01	0.05	<10	
14598	76.0	76.1	129	<4	127	2.6	9	3282	<1	3	95	0.99	5	73	<5	21	7	2	<2	12	3	<2	32	0.22	<0.01	0.08	0.52	<0.01	0.05	<10	
14599	78.3	78.4	96	6	917	0.8	218	5315	11	6	366	0.72	93	76	<5	9	599	<2	<2	71	30	9	87	0.47	<0.01	0.29	2.07	<0.01	0.15	<10	
14600	80.3	80.4	285	5	2691	2.1	198	4775	36	4	414	0.79	120	89	<5	64	555	<2	<2	15	14	7	24	0.12	<0.01	0.2	0.56	<0.01	0.12	<10	
14601	83.1	83.2	106	5	208	0.5	9	4689	2	3	215	1.17	17	66	6	12	140	<2	<2	68	20	6	89	0.48	<0.01	0.19	1.99	<0.01	0.09	<10	
14602	85.8	85.9	76	9	108	0.8	15	2132	<1	1	128	1.18	8	106	<5	19	104	3	<2	114	27	6	153	0.73	<0.01	0.16	3.95	<0.01	0.06	<10	
14603	88.4	88.5	154	8	69	1.3	7	3089	<1	3	181	1.4	10	81	<5	<5	98	<2	<2	58	24	5	57	0.22	<0.01	0.17	1.57	<0.01	0.06	<10	
14575	89.7	91.2	592	<4	65	1.8	13	5869	<1	7	51	6.97	25	101	<5	15	174	<2	<2	87	34	9	89	0.25	<0.01	0.69	3.04	<0.01	0.14	<10	
14576	91.2	92.2	1471	6	7147	4.8	34	4190	59	22	135	18.91	24	93	14	31	568	<2	<2	59	22	3	443	0.51	<0.01	0.69	1.73	<0.01	0.08	<10	
14577	92.2	93.7	238	9	423	1.5	<2	6629	3	9	175	3.88	35	116	10	35	625	4	<2	133	39	17	424	2.13	<0.01	0.64	4.62	<0.01	0.11	<10	
14578	93.7	95.3	608	18	374	3.1	<2	2660	3	13	208	7.48	39	112	28	50	603	<2	<2	50											

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Drill Hole: EX96-01

Company: Cominco Ltd.
Easting: 0225 E
Northing: 1200 N
Property Name: EXPO - Akhurst Creek
Grid: AKH 7D
Drilled by: LF-70
Core Size: NQ
Completed: June 23, 1996
Date(s) Logged: June 23-24, 1996
NTS: 105 G 1

Purpose: Test AK-1 HLEM conductor proximal to barite and Zn-Ag showings.

[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 PPB
.0	16.9	OVB	OVERBURDEN										
16.9	20.3	SISA	INTERBANDED/BEDDED SILTSTONE WITH LESSER ARGILLITE Interbedded, thin banded to laminated, dark grey siltstone/silty mudstone with 20-50% light grey, granular fine-grained tuffaceous wackes (possibly felsic tuffaceous material; locally normally graded) and light-medium green sericitic-chloritic partings. Rare boudined medium grey chert interbeds (<1.5 cms) are present. Unit is broken, strongly foliated, fissile and rusty weathering along foliation surfaces. Pyrite content is low.	10929	18.5	18.6	.1	37.0	4	83	4.9	2823	<10
20.3	21.9	FLT	FAULT Poor recovery/lost core; several gouge zones developed.										
21.9	25.2	FT	FELSIC TUFF Light tan weathering, moderate to strongly oxidized interval of very fine-grained, sericitic, strongly foliated felsic tuff with rare granular textured intervals (reflecting crystal content?). Basal 1.8 m is a more granular, coarse ash tuff with pinkish (hematitic?) coloration and strong Mn-staining along fractures. This lower coarse tuff interval is oxidized and strongly broken. Lower contact is gradational over 5 cms. 22.0 S2 foliation at 82 to core axis.	10930	22.6	22.7	.1	99.0	10	269	.7	6527	<10
25.2	31.0	SA	ARGILLITE Black to dark grey, massive to locally thin bedded/laminated, variably carbonaceous mudstone/siltstone. Bedding is strongly transposed parallel to the S2 foliation to produce a locally fragmented texture : difficult to determine whether original unit is fragmental or not. Unit is oxidized along quartz-calcite-pyrite veinlets to about 28.4 m. Trace-5%, fine to medium-grained pyrite occurs as disseminations and as blebs within deformed/transposed quartz-calcite veinlets. Trace to 2% pyrrhotite and trace sphalerite are also present. No laminar sulphides are present. This unit may represent the HLEM conductor. 30.4 S2 foliation at 70 to core axis; S1 foliation at 75 to core axis. 30.5 31.0 Trace-1%, very fine-grained disseminated sphalerite associated with pyrite and quartz-calcite-Pecarbonate fractures/veinlets.	10931 10932 10831	26.8 29.7 30.0	26.9 29.8 31.0	.1 .1 1.0	31.0 95.0 160.0	<4 12 9	357 848 2048	.8 1.6 2.5	2138 3557 3924	<10 <10 <10
31.0	36.6	FT	FELSIC TUFF Light greenish grey interval comprising very fine-grained, massive, siliceous, homogenous (weakly foliated) felsic tuff. Blocky massive nature suggests possible flow; however, chert interbeds and interlaminated very fine-grained, sericite-chlorite-Fe-carbonate(?) suggest a tuffaceous protolith. Top 40 cms appear more chloritic. Unit is mineralized with trace to locally 5% disseminated, wispy and blebby pyrrhotite, trace-1% pyrite and sphalerite and rare chalcopryrite, associated with quartz-calcite-Pecarbonate veinlets. Sharp lower contact at 83 to core axis. 31.0 33.0 Laminated to thin bedded, light to medium grey green, siliceous, very fine felsic tuff with chert/cherty tuff interbeds. 33.0 35.6 More massive fine-grained felsic tuff with occasional 1-5 cm thick, medium grey chert interbeds. 34.7 Quartz vein with sphalerite and trace galena. 35.6 36.6 Biege coloured cherty tuff (Fe-carbonate altered?) and minor grey	10832 10933 10833	31.0 32.8 35.6	32.0 32.9 36.6	1.0 .1 1.0	168.0 229.0 97.0	34 <4 8	608 139 248	2.5 3.0 1.6	4572 5753 5390	<10 <10 <10

[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 PPB
			Dark grey to black siliceous mudstone/silty mudstone and light grey, sericitic and pyritic felsic tuff. These lithologies are interbanded on a mm to cm scale, reflecting a strong bedding transposition parallel to S2 foliation. Irregular quartz-calcite veinlets are abundant throughout. Pyrrhotite is found as very fine-grained disseminations within the siliceous felsic interbands while pyrite is found as fine to medium-grained disseminations predominantly within the mudstone interbands. Trace to 1% sphalerite is found as fine patchy disseminations in felsic tuff intervals. 45.3 46.5 Much more tuffaceous/less argillaceous interval; still interbedded felsic tuff with very fine disseminated pyrrhotite; although tuffs are more sericitic/chloritic and weakly Fe-carbonate altered and less siliceous.	10935	43.9	44.0	.1	55.0	8	354	1.7	1452	<10
			44.7 S2 foliation at 81 to core axis.	10936	46.3	46.4	.1	139.0	13	52	1.6	10433	<10
46.5	46.7	SCEX	CHERT/CHERTY EXHALITE Medium grey, very siliceous, massive to crudely laminated chert/exhalite(?).										
46.7	47.1	QVN	QUARTZ VEIN White bull quartz veins with strong narrow chlorite-sericite alteration halos.										
47.1	54.1	FT	FELSIC TUFF Light greenish grey unit, as above 31.0-36.6 interval, comprising massive, homogenous, very fine-grained, weakly sericitic-chloritic (possibly weakly Fe-carbonate altered), siliceous felsic tuff with only a weak foliation. Locally minor, light to dark grey cherty interbeds (< 1 cm thick) are present. 48.7 48.8 Quartz vein.	10937	49.8	49.9	.1	107.0	<4	105	1.2	3263	<10
			49.2 Pyrrhotite-sphalerite and trace chalcopyrite associated with 1 cm thick, medium to dark grey, cherty interbed. Mineralization. Occurs as fine disseminations within and adjacent to the cherty interbed.	10938	52.5	52.6	.1	92.0	<4	250	.6	2947	<10
			49.3 Trace very fine-grained sphalerite in quartz-calcite fractures.										
			53.1 53.0, Quartz vein with tr-2% sphalerite-pyrrhotite-chalcopyrite and rare galena.										
			53.3 53.6 Trace-3% sphalerite-pyrrhotite-chalcopyrite in quartz-muscovite vein and veinlets/fracture fillings.										
			53.8 S2 foliation at 76 to core axis.										
54.1	56.2	FTSI	INTERBANDED/BEDDED FELSIC TUFF WITH LESSER SILTSTONE Medium green grey to dark grey, thin wispy banded unit comprising 30-60% dark grey to black siliceous siltstone/argillite and 40-70% medium green grey, siliceous to sericitic/chloritic, fine-grained felsic tuff, similar to unit above. Trace-2% pyrrhotite occurs as fine-grained disseminations and wispy disseminations parallel to S2 foliation. Trace chalcopyrite occurs disseminated primarily within siliceous clots (transposed veins?). Trace sphalerite occurs as wispy, S2 parallel disseminations within siltstone/argillite intervals. Lower contact is sharp.	10939	55.7	55.8	.1	125.0	<4	545	4.6	2377	<10
56.2	56.9	MD	MAFIC DYKE Medium green, spotted, fine to medium-grained mafic dyke. Spotted texture (1-2 mm) due to silica rimmed, chlorite altered mafics with intergranular, clay(?) altered feldspars. Finer-grained chilled margins are present. Upper contact is sharp at 45 to core axis; lower contact is at 25 to core axis.	10940	56.7	56.8	.1	90.0	6	614	1.1	4808	<10

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 PPB
56.9	59.8	SA	ARGILLITE Black to dark grey, strongly foliated, variably carbonaceous, non-siliceous argillite with lesser dark grey siltstone interbands/laminations transposed parallel to S2 foliation. Trace to 3% fine-grained pyrite and rare pyrrhotite occurs as thin, very fine-grained wispy laminations, associated with trace sphalerite in silica blebs and veinlets. 57.1 57.3 Thin mafic dyke, as above. Upper contact at 32 to core axis. Lower contact at 39 to core axis. 59.4 59.6 Felsic dyke; light grey to white, weakly calcareous, soft (clay altered) dyke with sharp contacts at 25 to core axis.	10941	57.8	57.9	.1	109.0	13	347	1.8	2940	<10
59.8	60.5	PT	FELSIC TUFF Thin interbanded/bedded, light yellowy grey, sericite-silica-Fe-carbonate altered, pyritic felsic tuff and medium grey, siliceous to cherty fine silica-muscovite felsic tuff. Unit contains 5-10% fine-grained pyrite occurring as fine-grained disseminations, S2 foliation parallel wispy disseminations and late fracture fillings. No sphalerite was noted. Basal contact is gradational and marked by the first appearance of thin, dark grey argillaceous interbeds.	10942	60.0	61.0	1.0	62.0	15	262	1.3	4610	<10
60.5	61.0	SISK	INTERBANDED/BEDDED SILTSTONE WITH LESSER WACKE Unit comprises thin to medium interbanded/bedded, dark grey to black, siliceous, locally carbonaceous argillite, medium to dark grey siltstone and light to medium grey tuffaceous wacke/felsic tuff(?). Tuffaceous interbeds are siliceous to sericitic and chloritic and occasionally show good granular textures. Quartz-calcite veins/veinlets are abundant. 60.7 S2 foliation at 79 to core axis.										
61.0	62.0	SA	ARGILLITE As above 56.9-59.8 interval with minor silty argillite/siltstone component.										
62.0	67.6	FTSI	INTERBANDED/BEDDED FELSIC TUFF WITH LESSER SILTSTONE Light yellowy green-grey, sericite-Fe-carbonate altered, siliceous felsic tuff (40-50%) and cherty felsic tuff with medium to light grey chert/exhalite(?) interbeds (5-10%) interbedded/banded with dark grey to black, siltstone/silty argillite, similar to above argillites. Pyrite and minor pyrrhotite occur as very fine-grained wispy to scattered disseminations and fine to medium-grained, scattered euhedral disseminations. 62.0 63.7 Thin banded/bedded interval of predominantly felsic tuff, cherty tuff cut by abundant quartz-calcite-Fe-carbonate veinlets. Locally this unit is very dense, massive with a flow to possible lapilli tuff appearance. 63.7 67.5 Predominantly argillite, siltstone and tuffaceous wacke. 66.1 S2 foliation at 81 to core axis. 67.5 67.6 Thin fault gouge.	10943 10944	63.0 65.8	63.1 65.9	.1 .1	42.0 117.0	8 22	93 975	1.0 1.9	3438 6337	<10 <10
67.6	69.6	FTL	FELSIC LAPILLI TUFF Light greenish grey, very fine-grained, dense, massive, aphanitic felsic flow fragments(?), up to 25 cms, set in a fine-grained, more sericitic tuffaceous matrix. Unit locally has a spherulitic texture defined by 2-6 mm, spherical,	10838 10839	67.6 68.6	68.6 69.6	1.0 1.0	72.0 63.0	10 11	201 332	.9 .7	5704 5047	<10 <10

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
			sericite filled fractures. Trace-2% fine-grained disseminated sphalerite occurs throughout. Trace-3% pyrite occurs as disseminations and fracture fillings.										
69.6	71.0	SISC	INTERBANDED/BEDDED SILTSTONE WITH LESSER CHERT Interbanded/bedded, medium to dark grey interval comprising medium to dark grey siltstone and more abundant, fine-grained chert/exhalite(?) interbeds. Trace to 2% sphalerite occurs as very fine-grained disseminations and foliation parallel fractures and quartz-calcite veinlets. Abundant quartz-calcite veinlets are present. 69.9 70.0 Thin gouge; fault.	10945	70.4	70.5	.1	87.0	9	1260	1.3	5214	<10
71.0	79.5	FTL	FELSIC LAPILLI TUFF Light to medium green grey, heterolithic (predominantly felsic flow) lapilli tuff (possibly reverse graded), to about 75.6, then becoming more massive (agglomeratic? or intervals of felsic sills??) towards the base. Massive, aphanitic felsic fragments (approx. 80%), up to 20 cms, are light grey to yellowish grey, siliceous and are locally spherulitic(?). Yellowish green sericitic/chloritic, flattened, fragments (approx. 10%) also present. Matrix is siliceous/sericitic becoming more Fe-carbonate rich in more massive intervals. Abundant pyrite occurs as disseminations and streaks around fragments and spherulites(?) as well as in matrix. 71.5 S2 foliation at 76 to core axis. 77.5 S2 foliation at 74 at core axis.	10946 10947 10948	72.9 75.8 78.6	73.0 75.9 78.7	.1 .1 .1	107.0 63.0 51.0	<4 8 7	111 137 78	1.9 1.3 .8	3152 2993 4014	<10 <10 <10
79.5	107.3	SZFT	INTERBANDED/BEDDED TUFFACEOUS SILTSTONE WITH LESSER, WEAKLY MINERALIZED FELSIC TUFF Interbanded/bedded, medium to dark grey unit comprising medium grey siliceous, granular textured tuffaceous siltstone, conglomeratic sediments (siliceous siltstone fragments in more argillaceous matrix), thin sericitic-siliceous, weakly Fe-carbonate altered, felsic tuff and minor carbonaceous argillite. Abundant quartz-Fe-carbonate veins are present. 79.5 82.2 More carbonaceous black argillite predominates; minor laminated felsic tuff. Pyrite (5%) occurs as disseminations and remobilized veinlets. 82.2 99.5 Tuffaceous siltstone predominates; minor felsic tuff. 82.5 S2 foliation at 68 to core axis. 88.6 88.8 Abundant sphalerite fracture fillings and disseminations in very siliceous (Fe-carbonate altered?) felsic tuff/cherty tuff. 91.6 Abundant sphalerite fracture fillings and disseminations along contact of cherty tuff and siltstone/argillite. 94.5 S2 foliation at 76 to core axis. 99.3 99.4 Abundant sphalerite-chalcopryrite fracture fillings and disseminations along contact of cherty tuff and siltstone/argillite. 99.5 107.7 More abundant sericitic-siliceous felsic tuff interbeds, up to 30-60%. 101.5 S2 foliation at 69 to core axis. 103.7 105.6 Siltstone/argillite predominate; locally very carbonaceous. 105.7 107.3 More abundant sericitic-siliceous felsic tuff interbeds; more fragmental epiclastic textures of felsic and argillite fragments in a sericitic (alteration?), tuffaceous matrix (Ftl). Abundant	10949 10950 10951 10840 10952 10953 10954 10955 10956 10841	81.6 84.6 87.0 88.6 91.2 95.9 100.1 103.1 105.3 106.1	81.7 84.7 87.1 88.8 91.3 96.0 100.2 103.2 105.4 106.4	.1 .1 .1 .2 .1 .1 .1 .1 .1 .3	132.0 71.0 46.0 53.0 45.0 230.0 168.0 263.0 84.0 89.0	21 <4 13 197 <4 28 <4 20 8 212	676 57 44 6250 165 530 122 213 511 8948	3.8 11.5 1.8 25.8 2.0 3.6 1.8 2.8 2.2 40.5	2666 1847 1406 322 1756 6186 2531 3484 3398 5738	<10 <10 <10 84 <10 <10 <10 <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 PPB
			disseminated to irregular banded sphalerite at 106.1-106.4. S2 foliation at 78 to core axis.										
107.3	108.6	FD	FELSIC DYKE Light brownish grey to tan coloured, very fine-grained, massive homogenous, weakly foliated, clay and Fe carbonate altered felsic dyke with 1%, fine disseminated to wispy disseminated pyrite. Sharp contacts at 68 and 88 to core axis.	10957	107.8	107.9	.1	1.0	<4	85	.5	3270	<10
108.6	109.6	SI	SILTSTONE Dark grey, thin banded, siliceous siltstone/argillite. Badly broken interval with no gouge.										
109.6	112.8	SCSI	INTERBANDED/BEDDED CHERT WITH LESSER SILTSTONE Medium to dark grey interval of thin interbedded/banded chert or cherty siltstone and minor felsic tuff. This interval is badly broken with minor gouge. 112.5 S2 foliation at 76 to core axis.	10958	110.4	110.5	.1	49.0	9	98	2.0	1984	<10
112.8	113.7	FD	FELSIC DYKE As above; possibly more clay altered and foliated. Thin gouge at lower contact.										
113.7	118.9	SISC	INTERBANDED/BEDDED SILTSTONE WITH LESSER CHERT As above; strongly broken with several gouge zones.	10959	116.1	116.2	.1	45.0	<4	41	1.6	3252	<10
118.9	119.5	QVN	QUARTZ VEIN Quartz veins cutting brecciated and sheared siltstone/argillite.										
119.5	134.4	SIFT	INTERBANDED/BEDDED SILTSTONE WITH LESSER FELSIC TUFF Medium to dark grey, very siliceous, thin banded/bedded epiclastic unit, similar to above unit, with several zones of disseminated sphalerite associated with bleached silica-Fe carbonate zones 1-5 cms wide (vein structures?). Sphalerite present at 128.9-129.2 and 130.8. 120.5 S2 foliation at 77 to core axis. 124.5 S2 foliation at 82 to core axis. 133.0 S2 foliation at 72 to core axis. 133.6 134.4 More siliceous thin banded/bedded cherty tuff.	10960 10961 10962	120.8 127.4 131.4	120.9 127.5 131.5	.1 .1 .1	82.0 31.0 53.0	12 <4 <4	371 67 145	1.5 1.3 2.1	2694 2474 2690	<10 <10 64
134.4	154.7	FT	FELSIC TUFF Light yellowish grey, sericitic, pyritic, thin banded/bedded to ribboned felsic tuff. Sericitic and weakly Fe carbonate alteration overprinting more siliceous tuff. Pyrite (5%) occurs as fine-grained disseminations in quartz-calcite veinlets and as blebby disseminations in sheared, disrupted quartz-calcite veinlets. 137.2 S2 foliation at 83 to core axis. 138.9 140.2 Weakly crushed and gouged zone: several quartz-carbonate veins. 140.2 142.4 Thin bedded/banded interval with minor siltstone and rare argillite interbeds. 142.0 S2 foliation at 78 to core axis. 142.4 154.7 Sericitic and pyritic felsic tuff, locally fragmental textured;	10963 10964 10965 10966 10967 10968	135.6 138.2 141.3 145.6 150.1 154.2	135.7 138.3 141.4 145.7 150.2 154.3	.1 .1 .1 .1 .1 .1	50.0 78.0 251.0 48.0 88.0 82.0	<4 13 12 <4 9 30	120 110 3857 123 229 140	.8 1.2 4.5 .6 1.2 2.0	6936 16368 2672 5694 5595 7762	<10 <10 <10 20 <10 132

[illegible]

DDH EX96-01 V960372R		LAB N		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	ppm	ppm	%	%	%	%	%	%	%	ppb
10929	18.5	18.6	37	4	83	4.9	39	2823	1	<1	40	0.64	4	127	<5	24	61	<2	<2	104	27	11	20	0.06	<0.01	0.46	2.38	<0.01	0.2	<10				
10930	22.6	22.7	99	10	269	0.7	70	6527	2	18	90	1.34	12	109	<5	23	130	<2	2	27	69	24	511	0.32	0.03	0.85	0.66	<0.01	0.07	<10				
10931	26.8	26.9	31	<4	357	0.8	36	2138	3	6	83	0.57	26	76	8	22	65	<2	<2	4	24	7	108	0.04	<0.01	0.13	0.07	<0.01	0.05	<10				
10932	29.7	29.8	95	12	848	1.6	40	3557	8	8	179	1.11	69	46	<5	33	134	<2	<2	9	32	16	42	0.35	0.06	0.28	0.29	<0.01	0.11	<10				
10831	30.0	31.0	160	9	2048	2.5	64	3924	22	8	182	1.09	80	74	8	18	158	8	<2	27	27	16	103	0.33	0.03	0.26	0.52	<0.01	0.08	<10				
10832	31.0	32.0	168	34	608	2.5	210	4572	6	6	161	1.31	38	63	<5	34	117	6	<2	86	39	18	115	0.54	0.04	0.24	2.02	<0.01	0.08	<10				
10933	32.8	32.9	229	<4	139	3	48	5753	1	9	231	2.01	33	78	<5	56	190	<2	<2	45	39	18	96	0.79	0.1	0.26	1.96	0.01	0.09	<10				
10833	35.6	36.6	97	8	248	1.6	186	5390	3	6	161	0.98	33	106	11	24	318	<2	<2	67	43	15	158	1.16	0.05	0.38	2.7	0.01	0.08	<10				
10834	36.6	37.2	190	10	666	2.4	36	2933	7	7	180	1.72	67	89	19	21	459	<2	<2	59	52	19	156	0.42	0.1	0.33	1.64	<0.01	0.06	352				
10835	37.2	38.6	395	11	9172	3.2	7	1693	109	11	203	4.8	96	70	22	25	545	4	<2	69	40	22	444	0.81	0.14	0.59	1.92	<0.01	0.03	<10				
10836	38.6	39.5	184	10	1391	1.6	68	4413	15	6	222	1.71	55	97	13	<5	647	7	<2	66	86	29	216	0.55	0.1	0.54	2.56	<0.01	0.11	<10				
10837	39.5	40.7	237	15	2461	2.7	109	2467	25	7	233	1.69	101	90	<5	48	542	5	<2	35	81	40	124	0.55	<0.01	0.6	1.44	<0.01	0.12	<10				
10934	41.1	41.2	87	14	67	1.9	15	5210	<1	18	90	5.45	<2	55	<5	29	9	<2	<2	16	17	25	155	0.87	0.01	0.74	0.55	<0.01	0.08	<10				
10935	43.9	44.0	55	8	354	1.7	<2	1452	5	6	62	2.19	6	93	<5	19	52	<2	<2	29	8	7	173	0.82	0.07	0.71	0.98	<0.01	0.05	<10				
10936	46.3	46.4	139	13	52	1.6	22	0433	<1	14	92	5.43	<2	48	<5	31	12	3	6	15	10	8	88	0.49	0.27	0.44	1.01	<0.01	0.12	<10				
10937	49.8	49.9	107	<4	105	1.2	143	3263	1	4	217	1.04	11	138	12	37	184	3	2	63	69	21	78	0.63	0.08	0.35	2.27	0.01	0.08	<10				
10938	52.5	52.6	92	<4	250	0.6	49	2947	3	5	191	0.83	29	112	11	25	244	<2	<2	57	62	20	70	0.67	0.09	0.34	2.1	0.01	0.08	<10				
10939	55.7	55.8	125	<4	545	4.6	105	2377	6	5	210	0.88	14	111	6	26	142	<2	5	66	73	23	48	0.29	0.02	0.27	1.34	<0.01	0.07	<10				
10940	56.7	56.8	90	6	614	1.1	21	4808	2	24	64	5.56	5	32	12	24	130	3	<2	278	27	22	1346	2.47	0.09	1.84	2.94	0.03	0.2	<10				
10941	57.8	57.9	109	13	347	1.8	85	2940	3	8	231	1.56	28	94	<5	17	163	<2	<2	64	78	30	165	0.95	<0.01	0.37	2.38	0.01	0.08	<10				
10942	60.0	61.0	62	15	262	1.3	24	4610	<1	15	70	4.3	<2	52	<5	20	22	<2	<2	20	12	5	622	1.78	<0.01	0.22	1.62	<0.01	0.07	<10				
10943	63.0	63.0	42	8	93	1	21	3438	<1	9	55	3.05	<2	90	5	34	25	6	<2	23	8	17	411	2.32	<0.01	0.66	0.99	<0.01	0.1	<10				
10944	65.8	65.9	117	22	975	1.9	5	6337	11	10	164	3.06	43	56	16	12	79	<2	<2	34	17	13	187	0.83	<0.01	0.22	1.02	<0.01	0.13	<10				
10838	67.6	68.6	72	10	201	0.9	5	5704	<1	11	71	3.31	7	56	<5	22	12	<2	12	14	12	19	268	0.8	<0.01	0.66	0.42	<0.01	0.14	<10				
10839	68.6	69.6	63	11	332	0.7	10	5047	<1	15	89	3.61	20	62	12	16	16	<2	6	15	18	20	355	1.18	<0.01	1.3	0.28	<0.01	0.13	<10				
10945	70.4	70.5	87	9	1260	1.3	103	5214	11	8	249	1.97	117	95	<5	20	304	9	<2	59	32	30	427	1.26	<0.01	1.03	1.04	<0.01	0.12	<10				
10946	72.9	73.0	107	<4	111	1.9	3	3152	<1	16	99	3.95	7	84	<5	16	50	6	<2	56	12	14	358	1.54	0.09	1.13	0.99	0.01	0.12	<10				
10947	75.8	75.9	63	8	137	1.3	47	2993	<1	17	88	5.07	<2	93	<5	20	28	5	2	74	17	20	616	1.72	0.06	1.76	1.25	0.01	0.11	<10				
10948	78.6	78.7	51	7	78	0.8	<2	4014	<1	12	58	2.94	<2	62	<5	18	12	<2	5	21	13	19	380	1.27	<0.01	0.73	1.06	<0.01	0.14	<10				
10949	81.6	81.7	132	21	676	3.8	448	2666	11	8	276	1.89	46	143	6	26	252	3	<2	141	53	21	481	1.67	<0.01	0.73	2.62	<0.01	0.08	<10				
10950	84.6	84.7	71	<4	57	11.5	8	1847	<1	6	58	1.09	<2	116	<5	24	28	4	2	91	13	6	387	1.28	<0.01	0.42	2.96	<0.01	0.06	<10				
10951	87.0	87.1	46	13	44	1.8	11	1406	<1	6	51	1.38	<2	99	6	18	4	3	2	3	2	4	36	0.06	<0.01	0.09	0.07	<0.01	0.05	<10				
10840	88.6	88.8	53	197	6250	25.8	178	322	80	10	62	3.66	11	78	29	<5	56	<2	<2	100	18	25	1523	2.88	<0.01	0.22	6.71	<0.01	0.01	84				
10952	91.2	91.3	45	<4	165	2	84	1756	2	2	24	0.65	<2	131	<5	26	5	<2	<2	21	2	<2	87	0.43	<0.01	0.09	0.84	<0.01	0.05	<10				
10953	95.9	96.0	230	28	530	3.6	<2	6186	4	19	292	3.45	12	114	<5	20	53	<2	<2	31	26	15	332	1.12	<0.01	0.54	1.77	<0.01	0.19	<10				
10954	100.1	100.2	168	<4	122	1.8	4	2531	<1	4	111	1.69	5	116	<5	17	21	3	<2	24	17	9	236	0.83	<0.01	0.17	1.72	<0.01	0.1	<10				
10955	103.1	103.2	263	20	213	2.8	2	3484	1	9	248	2.81	19	145	<5	24	130	7	<2	68	123	32	317	1.99	<0.01	0.6	3.59	<0.01	0.21	<10				
10956	105.3	105.4	84	8	511	2.2	28	3398	7	9	90	1.96	17	102	<5	18	44	<2	<2	26	7	8	42	0.14	<0.01	0.19	0.42	<0.01	0.11	<10				
10841	106.1	106.4	89	212	8948	40.5	94	5738	93	9	160	2.01	37	87	279	49	274	<2	<2	163	74	199	359	2.5	<0.01	0.82	5.56	<0.01	0.12	<10				
10957	107.8	108	1	<4	85	0.5	45	3270	<1	19	2	6.44	<2	27	<5	16	48	9	2	38	15	11	927	4.1	<0.01	1.18	4.01	0.01	0.1	<10				
10958	110.4	111	49	9	98	2	72	1984	1	7	44	1.71	<2	86	<5	17	7	3	2	18	5	3	203	0.6	<0.01	0.08	1.55	<0.01	0.05	<10				
10959	116.1	116	45	<4	41	1.6	49	3252	<1	5	42	1.45	<2	110	<5	12	8	<2	2	8	3	6	60	0.05	<0.01	0.09	0.01	<0.01	0.05	<10				
10960	120.8	121	82	12	371	1.5	27	2694	2	8	106	1.46	9	83	8	20	19	<2	6	25	11	6	116	0.22	<0.01	0.15	0.81	<0.01	0.06	<10				
10961	127.4	128	31	<4	67	1.3	37	2474	<1	5	47	1.13	<2	118	<5	41	10	2	7	15	4	5	190	0.3	<0.01	0.15	0.71	<0.01	0.04	<10				
10962	131.4	132	53	<4	145	2.1	20	2690	<1	12	77	1.85	<2	94	<5	18	19	8	4	10	6	8	223	0.31	<0.01	0.2	0.55	<0.01	0.04	64				
10963	135.6	136	50	<4	120	0.8	7	6936	<1	20	109	5.27	4	106	5	20	23	<2	<2	47	13	13	746	1.57	<0.01	1.13	1.45	<0.01	0.12	<10				
10964	138.2	138	78	13	110	1.2	22	6368	<1	23	92	5.18	9	75	<5	32	32	6	2	17	22	25	693	0.67	<									

APPENDIX IV
STATEMENTS OF EXPENDITURES

POP PROPERTY

<u>EXPENDITURE ITEM</u>	<u>COST \$</u>
GEOCHEMISTRY STAFF COSTS	1,084
GEOCHEMICAL ANALYSES	2,676
DOMICILE	1,000
HELICOPTER	910
DIAMOND DRILLING	
- DDH PO96-01	14,460
- DDH PO96-02	18,259
TOTAL	38,389

RUN & HOME PROPERTIES

<u>EXPENDITURE ITEM</u>	<u>COST \$</u>
GEOLOGY STAFF COSTS	403
GEOCHEMISTRY STAFF COSTS	150
PROSPECTING STAFF COSTS	670
DOMICILE	545
GEOCHEMICAL ANALYSES	398
HELICOPTER	2015
DIAMOND DRILLING - DDH RU96-01	22,182
TOTAL	26,363

FLY PROPERTY

<u>EXPENDITURE ITEM</u>	<u>COST \$</u>
GEOCHEMISTRY STAFF COSTS	270
PROSPECTORS STAFF COSTS	1,560
DOMICILE	615
GEOCHEMICAL ANALYSES	958
HELICOPTER	1,625
DIAMOND DRILLING DDH FL96-01	17,072
TOTAL	22,100

EXPO PROPERTY**MONY WEST****EXPENDITURE ITEM****COST \$**

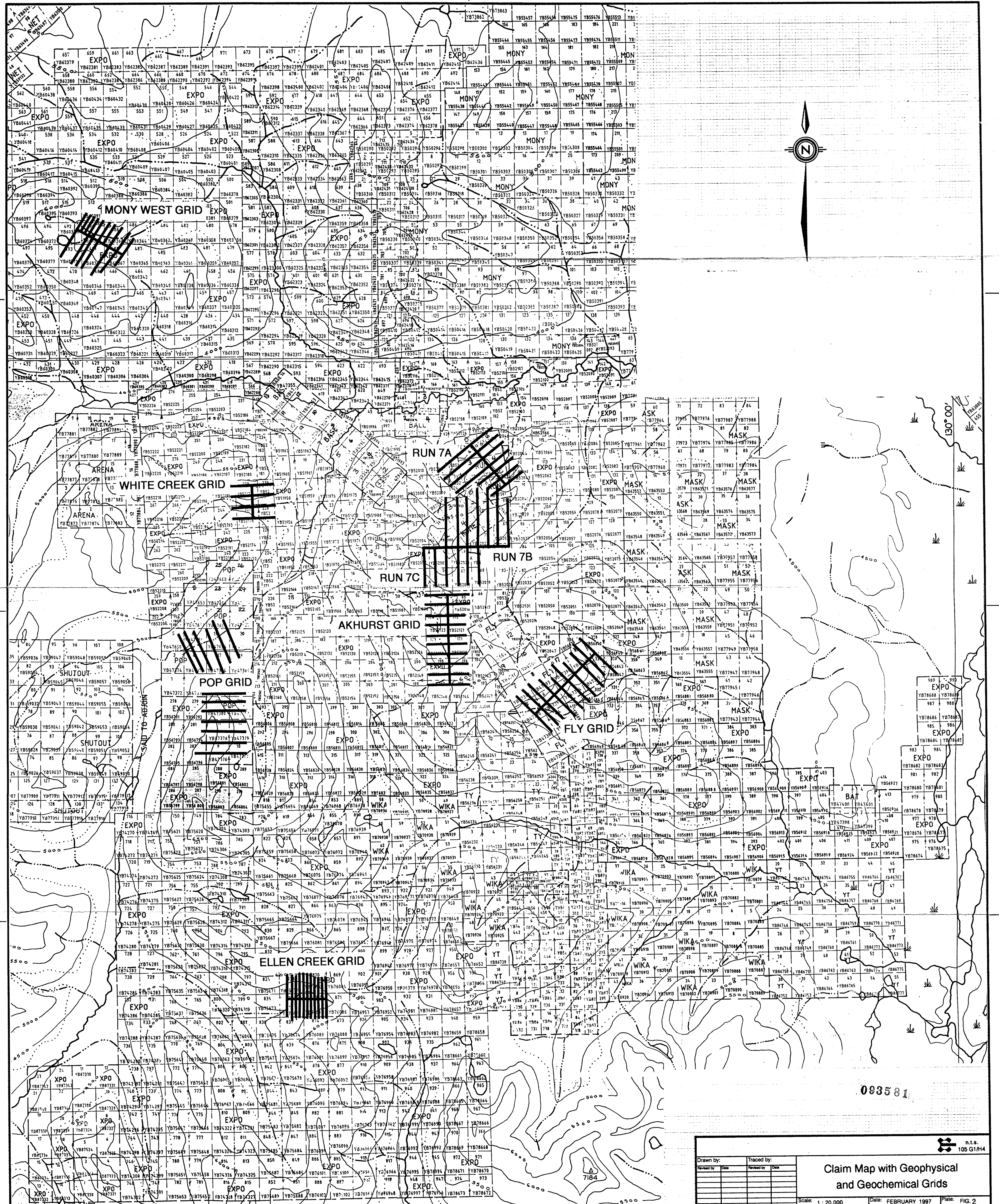
GEOLOGY STAFF COSTS	2,669
GEOCHEMISTRY STAFF COSTS	1,500
PROSPECTING STAFF COSTS	450
DOMICILE	4,437
GEOCHEMICAL ANALYSES	10,776
GEOPHYSICS	1,050
PICKETTING (MONY WEST GRID)	779
HELICOPTER	5,525
TOTAL	27,186

EXPO PROPERTY**WHITE CREEK GRID**

<u>EXPENDITURE ITEM</u>	<u>COST \$</u>
GEOLOGY STAFF COSTS	1,438
GEOCHEMISTRY STAFF COSTS	1,080
DOMICILE	2,000
GEOCHEMICAL ANALYSES	3,887
GEOPHYSICAL SURVEYS	1,050
HELICOPTER	2,652
DIAMOND DRILLING EX96-02	19,548
TOTAL	31,655

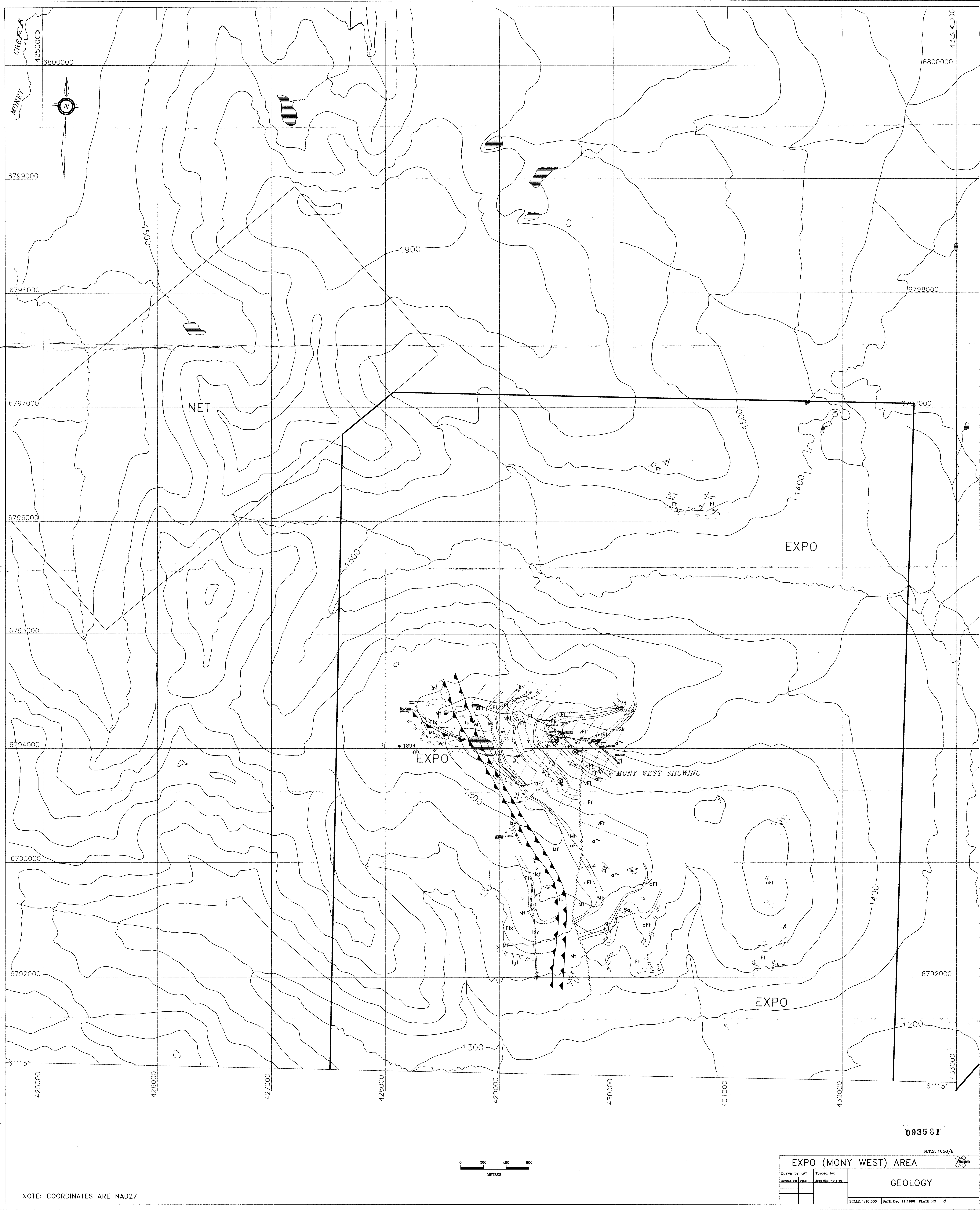
EXPO PROPERTY**GENERAL - ELLEN CK., ACKHURST CK.**

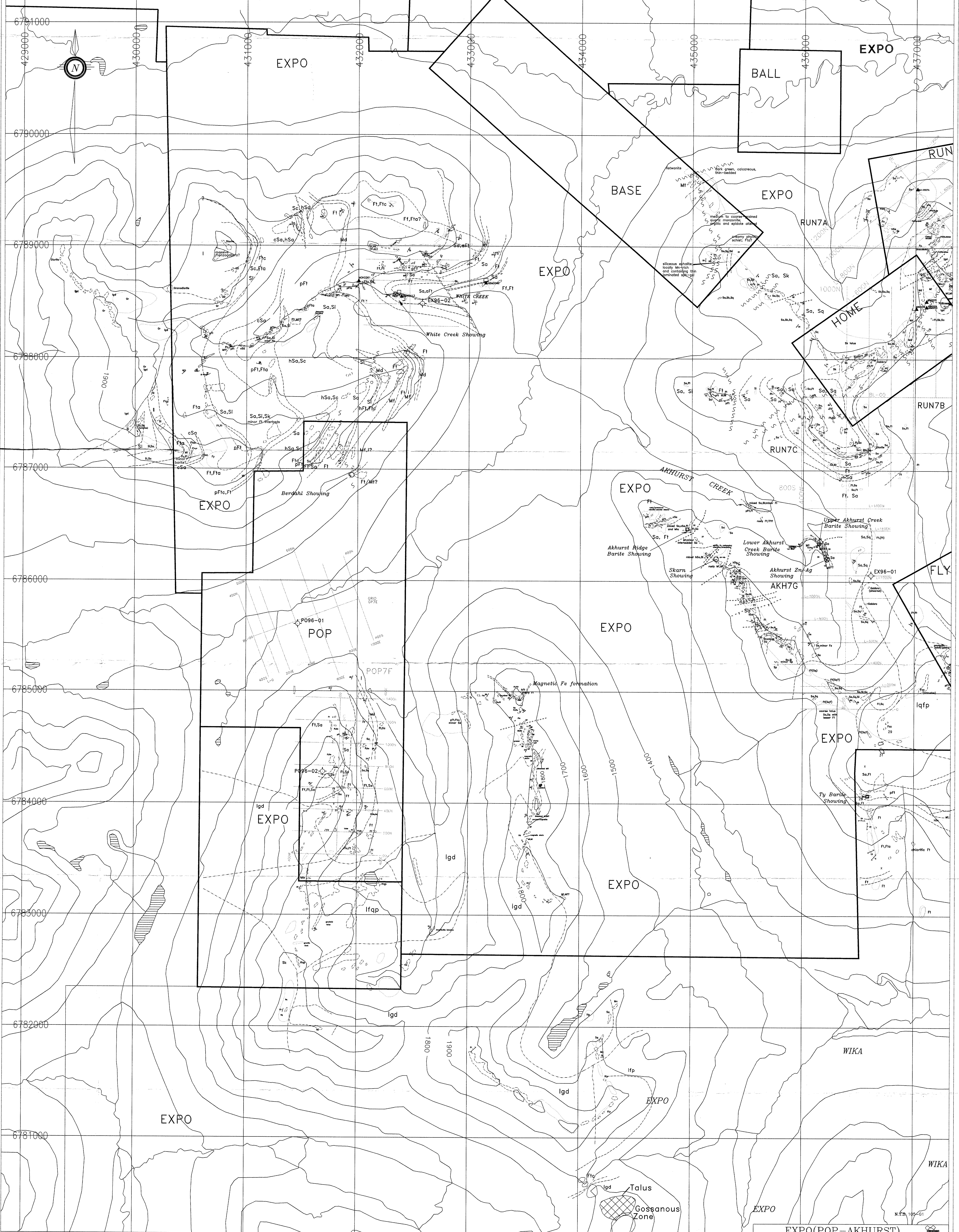
<u>EXPENDITURE ITEM</u>	<u>COST \$</u>
GEOLOGY STAFF COSTS	8,417
GEOCHEMISTRY STAFF COSTS	3,097
PROSPECTING STAFF COSTS	1,500
DOMICILE	11,187
GEOCHEMICAL ANALYSES	16,091
PICKETTING (ELLEN CREEK GRID)	659
HELICOPTER	18,460
DIAMOND DRILLING EX96-01	21,340
TOTAL	80,751



093581

Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:
Claim Map with Geophysical and Geochemical Grids			
Scale: 1:20,000		Date: FEBRUARY 1997	
Plate: FIG. 2		n.t.s. 105 GI/H4	

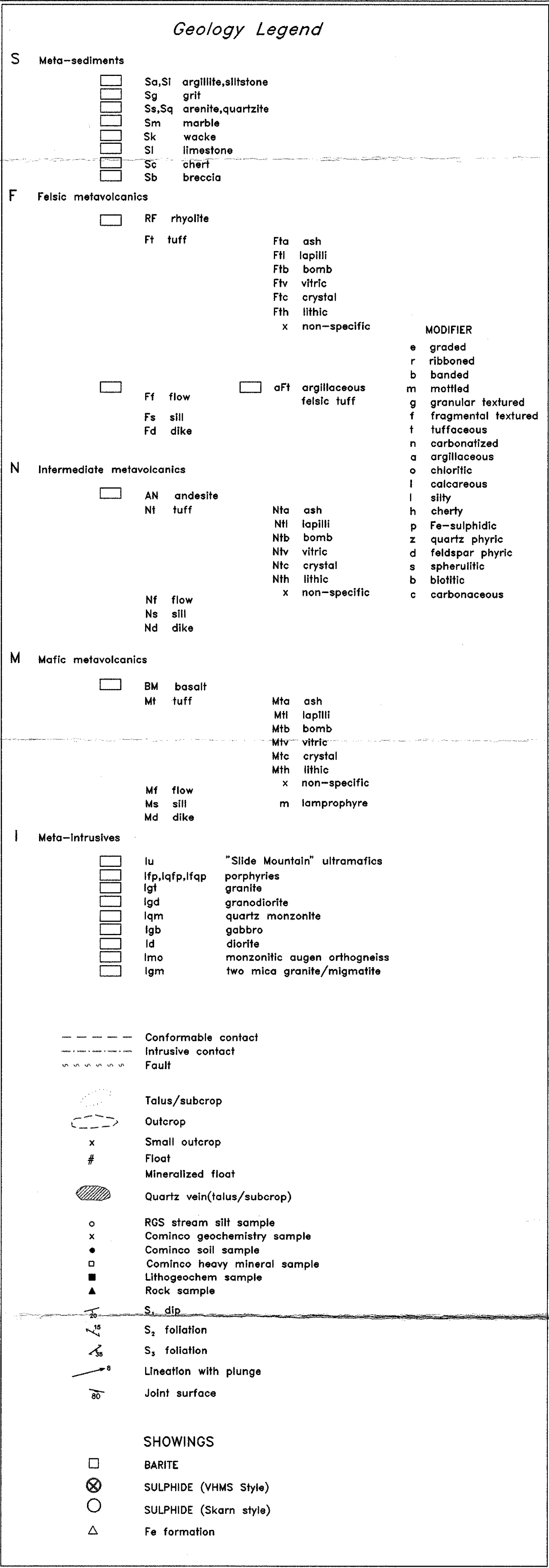




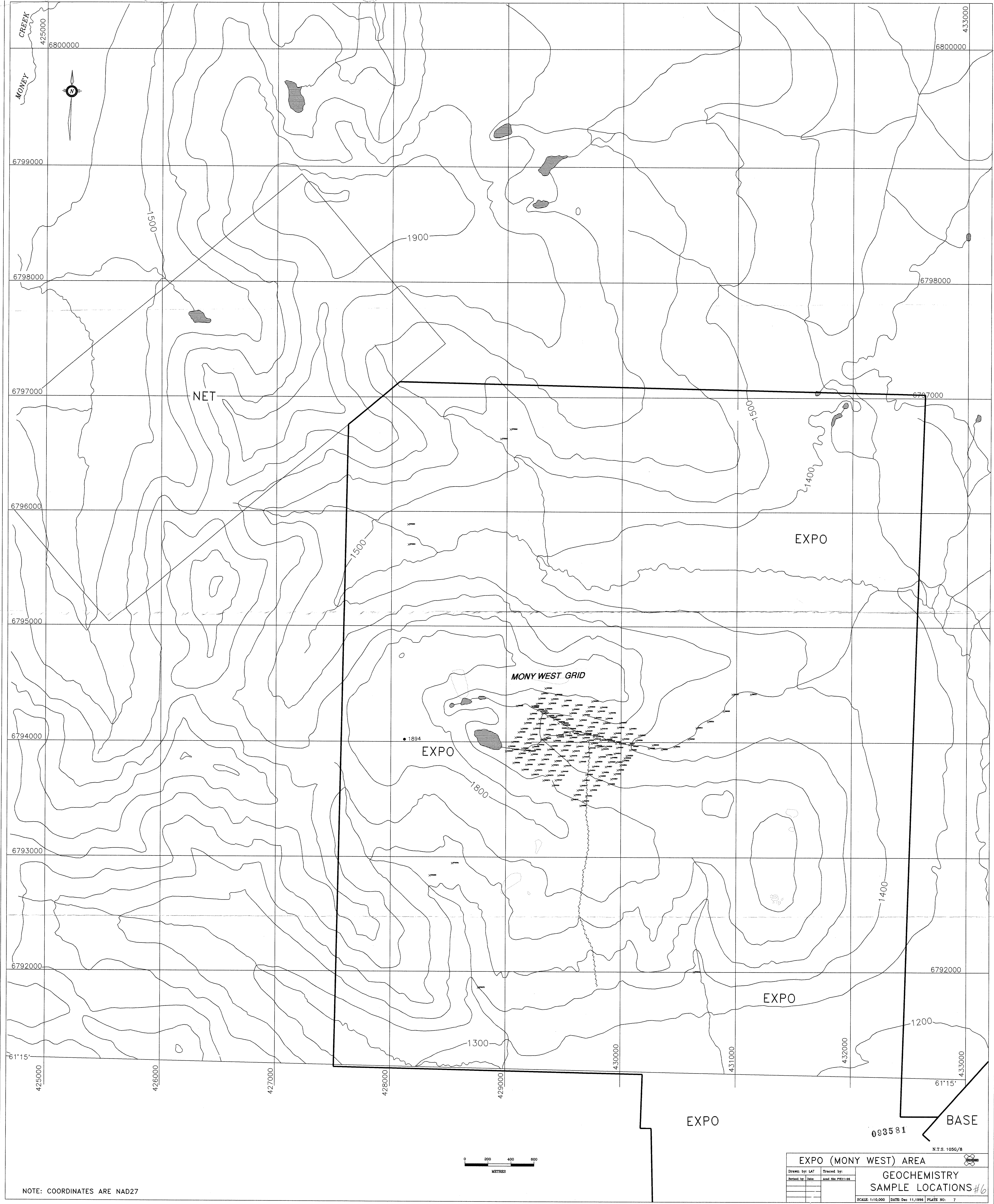
NOTE: COORDINATES ARE NAD27

0 200 400 600
METRES

EXPO(POP-AKHURST)	
Drawn by: LAT	Traced by: -
Revised by:	and Mr. POPAK
GEOLOGY 093531	
SCALE 1:10,000 DATE: DEC., 1996 FIGURE NO. 4	



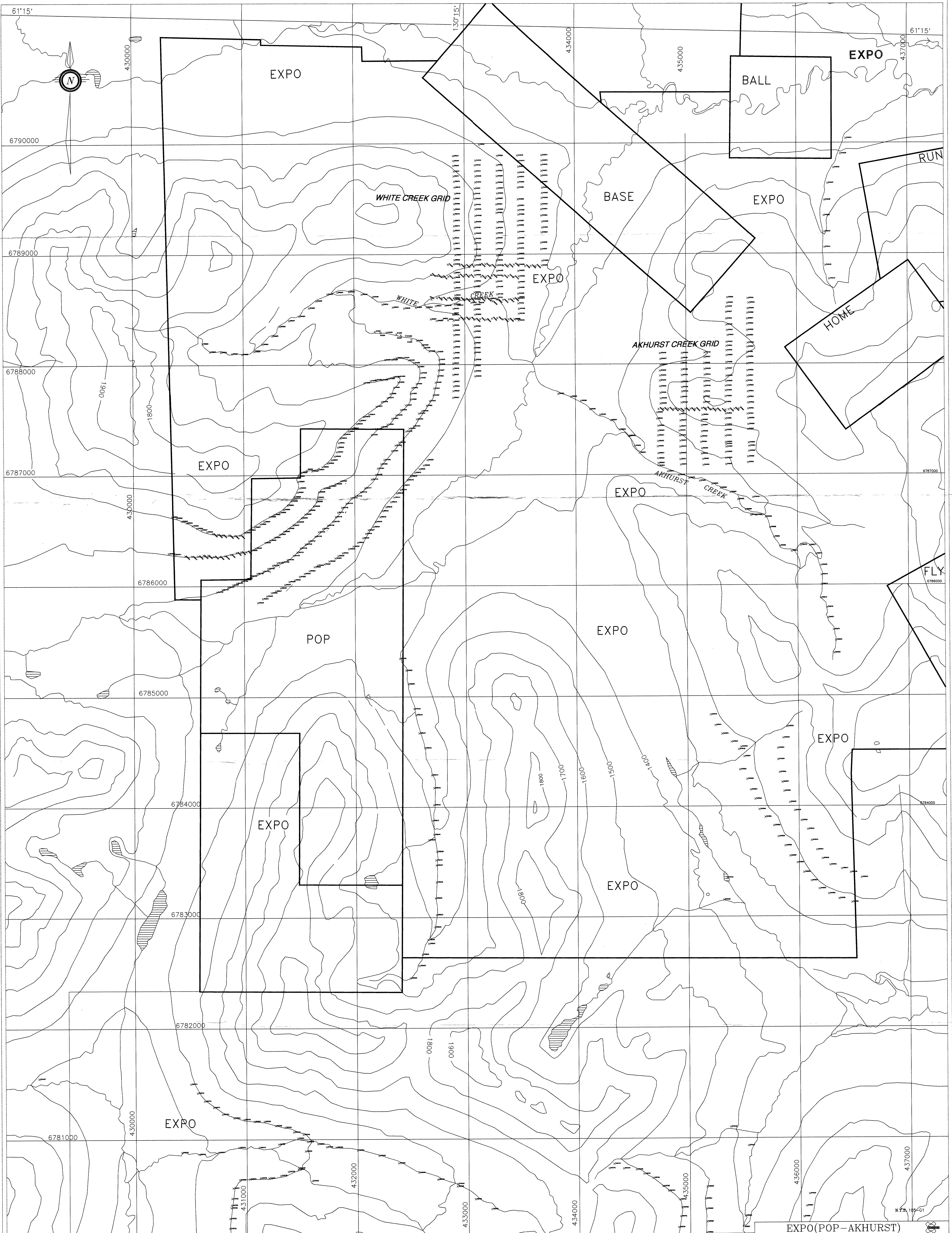
NAME: C:\ACAD\DRAWINGS\EXPO\10K2GL95.DWG DATE: Jan.8.1997 TIME: 11:15 AM



NOTE: COORDINATES ARE NAD27

0 200 400 600
METRES

EXPO (Mony West) AREA
GEOCHEMISTRY
SAMPLE LOCATIONS #6
SCALE: 1:10,000 DATE: Dec 11, 1996 PLATE NO: 7



NOTE: COORDINATES ARE NAD27



EXPO(POP-AKHURST)

Drawn by: LAT

Traced by: -

Revised by:

And the PYE9-96

Date:

09358

GEOCHEMISTRY

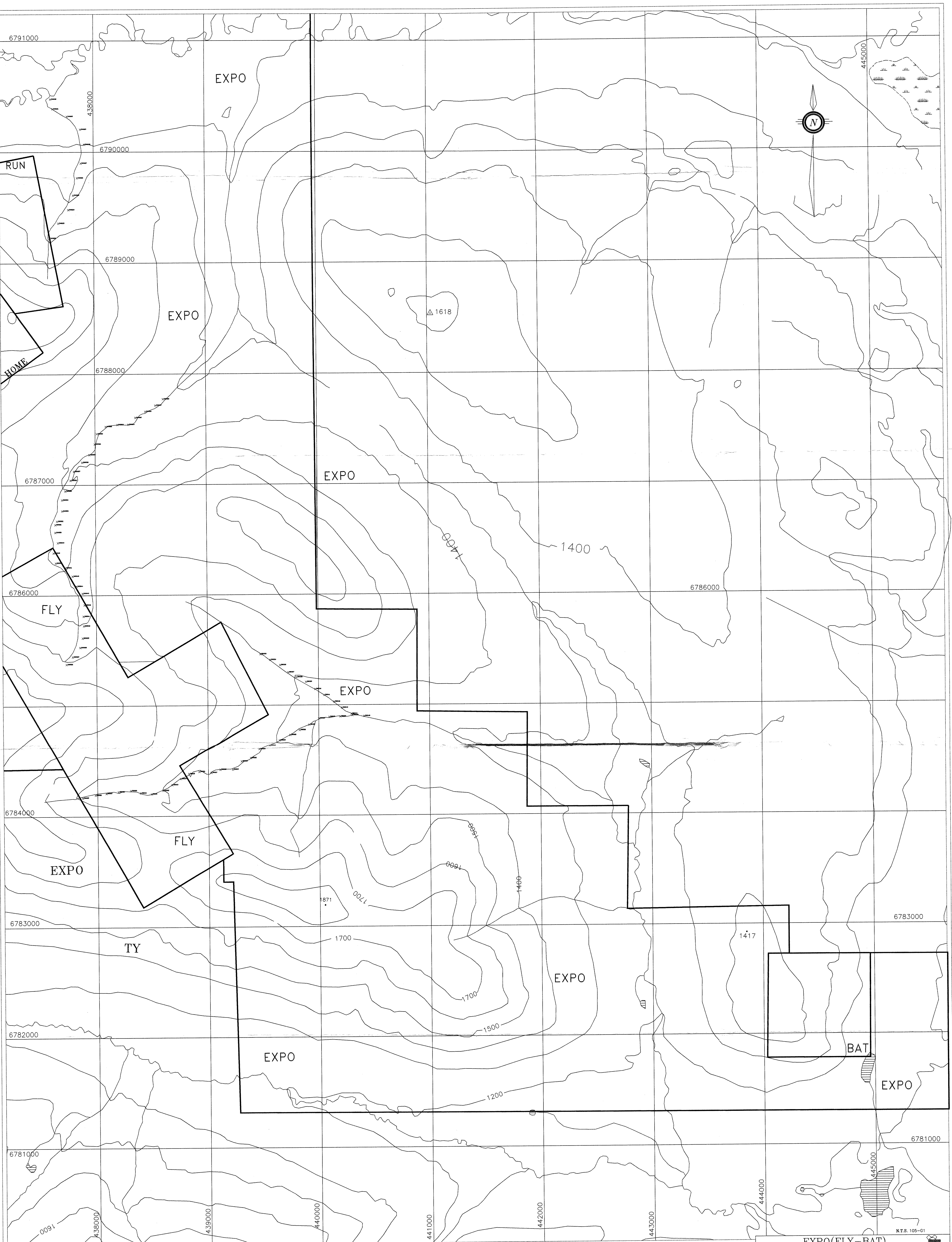
SAMPLE LOCATIONS

#7

SCALE: 1:10,000

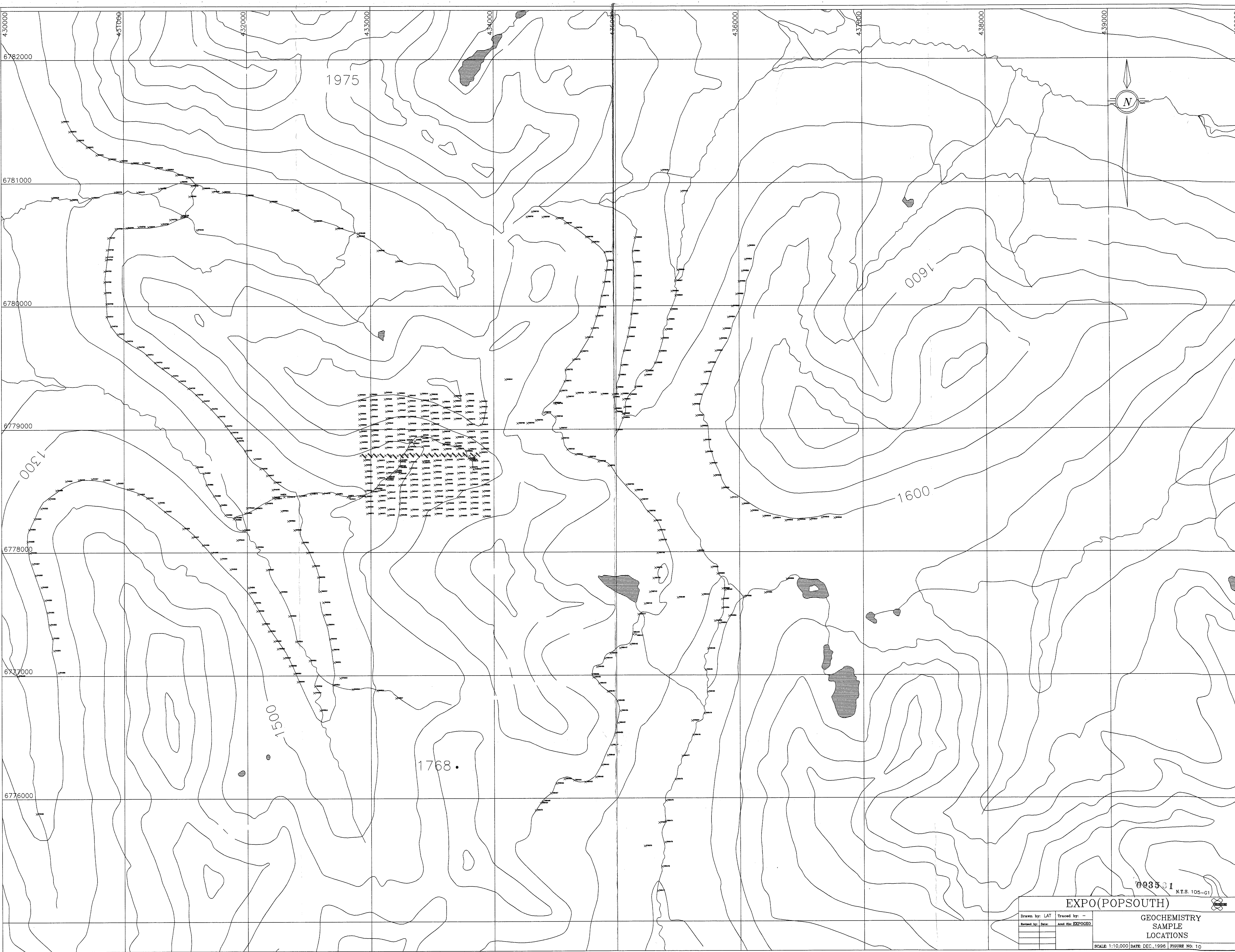
DATE: DEC. 1996

FIGURE NO. 8



NOTE: COORDINATES ARE NAD27

EXPO(FLY-BAT)	
Drawn by: LAT	Traced by: --
Revised by: Date:	and the PYE10-96
093581	
GEOCHEMISTRY	
SAMPLE	
LOCATIONS	
SCALE: 1:10,000 DATE: DEC, 1996 PLATE NO: 9	



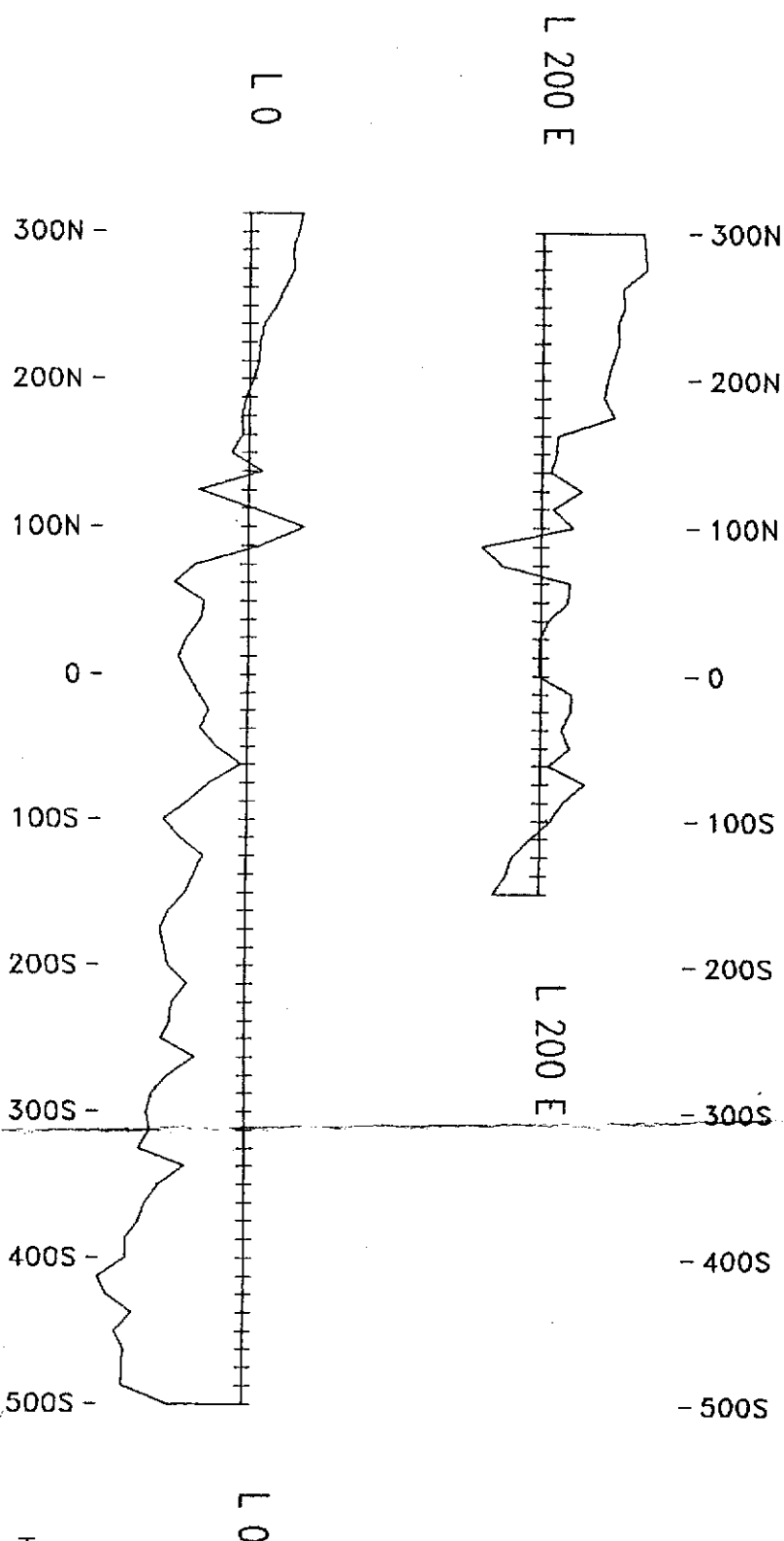
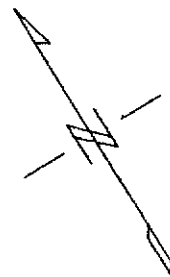
093501 N.T.S. 105-G1

EXPO(POPSOUTH)

Drawn by: LAT	Traced by: —
Revised by: Date:	And file: EXPOGEO

**GEOCHEMISTRY
SAMPLE
LOCATIONS**

SCALE: 1:10,000 | DATE: DEC., 1996 | FIGURE NO: 10



VERTICAL SCALE
1cm = 100 nT

093581

Scale 1:5000
50 0 50 100
(meters)

BASE LEVEL= 57900 nT

COMINCO EXPLORATION



NTS
105G

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

PELLEY MOUNTAIN PROPERTIES
MONEYWEST GRID
TOTAL FIELD MAGNETICS SURVEY

Scale: as shown

Date: JULY 1996

Plate: 11

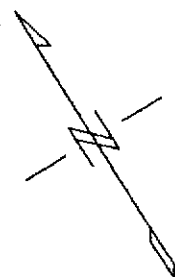
#10

300N -

L 0

L 200 E

- 300N



200N -

- 200N

100N -

- 100N

0 -

- 0

100S -

- 100S

200S -

- 200S

L 200 E

300S -

- 300S

400S -

- 400S

500S -

- 500S

L 0

VERTICAL SCALE
1cm = 20%

Scale 1:5000
50 0 50 100
(meters)

OUT OF PHASE -----
IN PHASE _____

COMINCO EXPLORATION

NTS
105G

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

PELLEY MOUNTAIN PROPERTIES
MONYWEST GRID
HORIZONTAL LOOP EM SURVEY: 440 Hz.
100 metre coil spacing

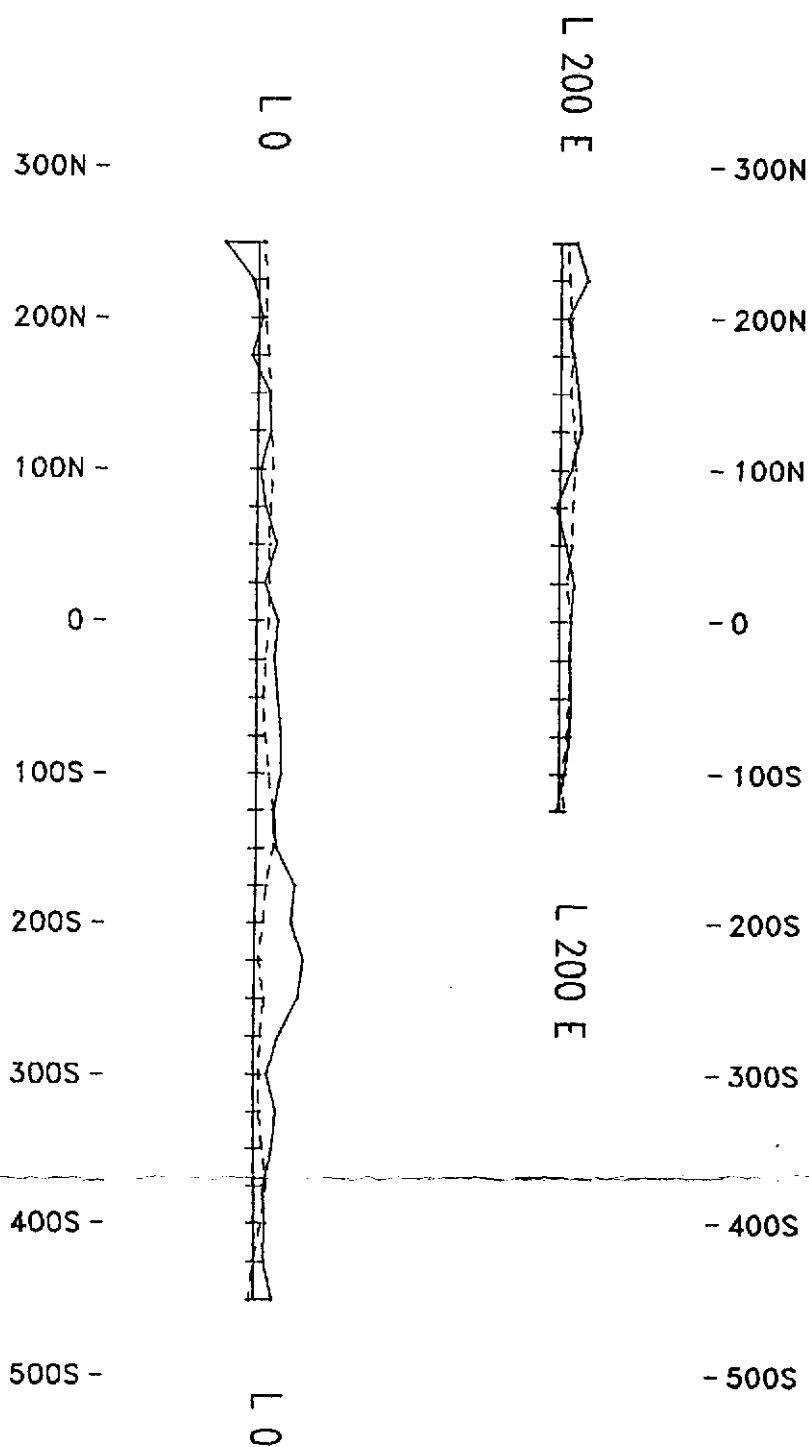
Scale: as shown

Date: JULY 1996

Plate:

12

//



VERTICAL SCALE
1cm = 20%

OUT OF PHASE -----
IN PHASE —————

Scale 1:5000
50 0 50 100
(meters)

COMINCO EXPLORATION



NTS
105G

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

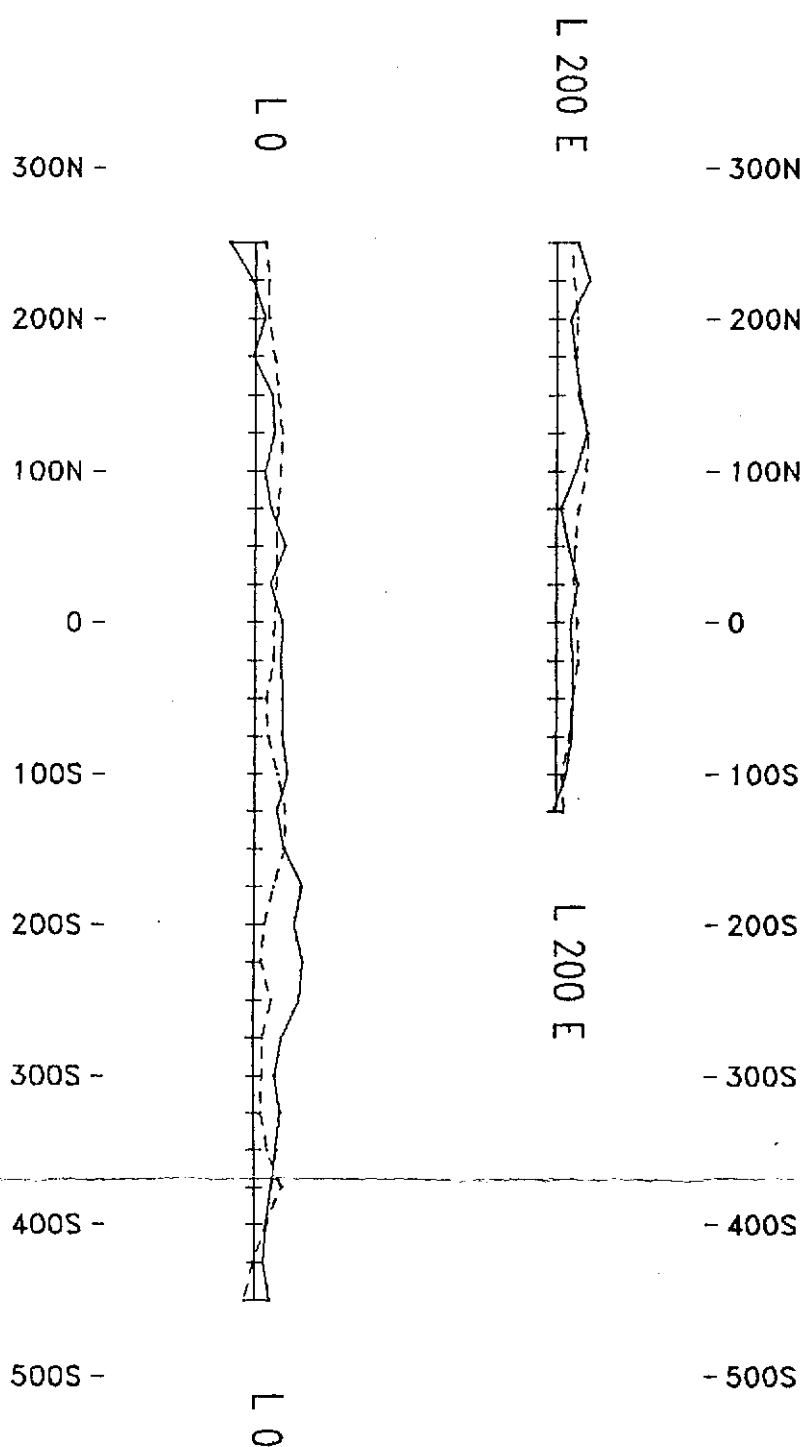
Scale: as shown

Date: JULY 1996

Plate:

13

#12



VERTICAL SCALE:
1cm = 20%

OUT OF PHASE -----
IN PHASE —————

COMINCO EXPLORATION

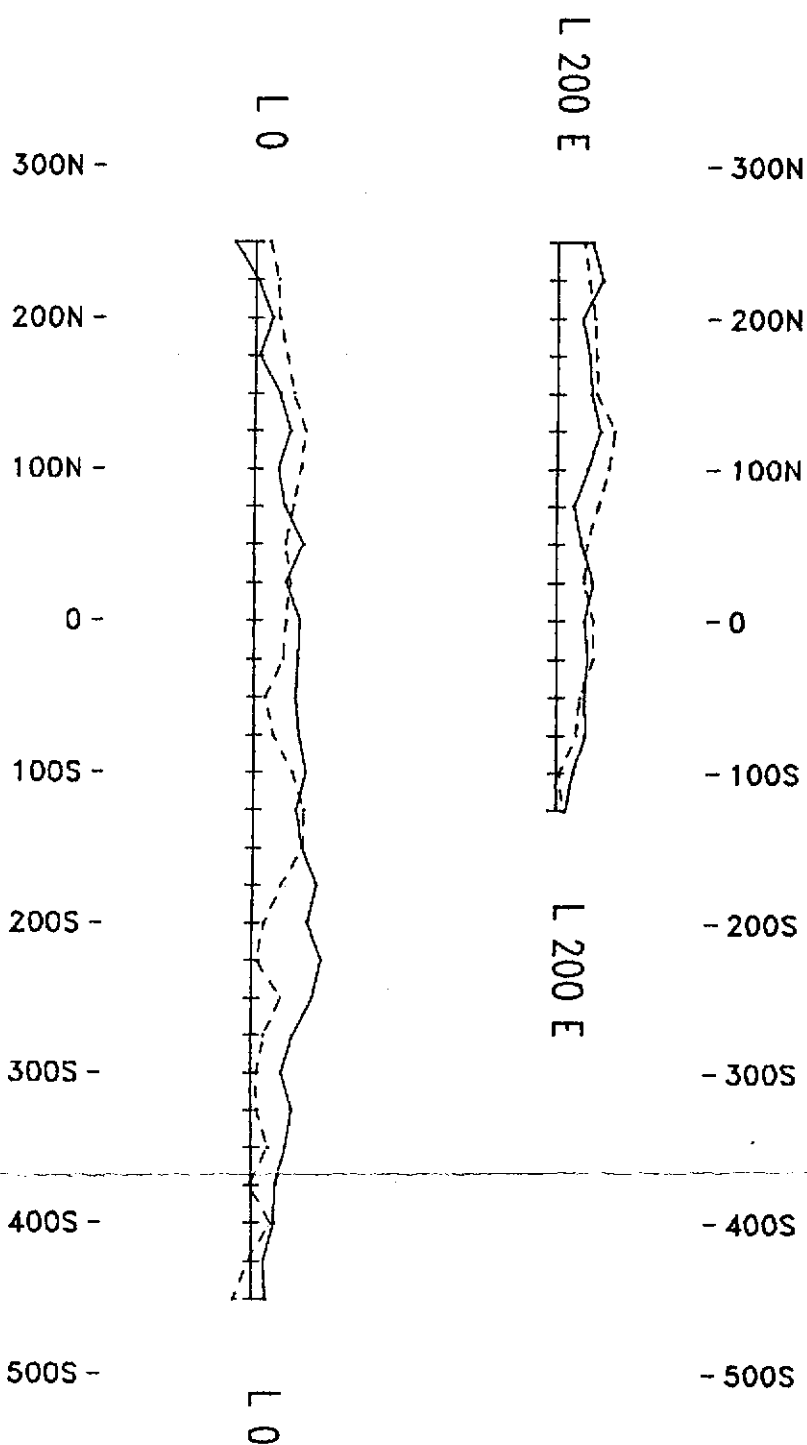


NTS
1056

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

PELLEY MOUNTAIN PROPERTIES
MONEYWEST GRID
HORIZONTAL LOOP EM SURVEY: 3520 Hz.
100 metre coil spacing

Scale: as shown Date: JULY 1996 Plate: 14



VERTICAL SCALE:
1cm = 20%

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

Scale 1:5000
50 0 50 100
(meters)

COMINCO EXPLORATION



NTS
105G

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

PELLEY MOUNTAIN PROPERTIES
MONYWEST GRID
HORIZONTAL LOOP EM SURVEY: 7040 Hz.
100 metre coil spacing

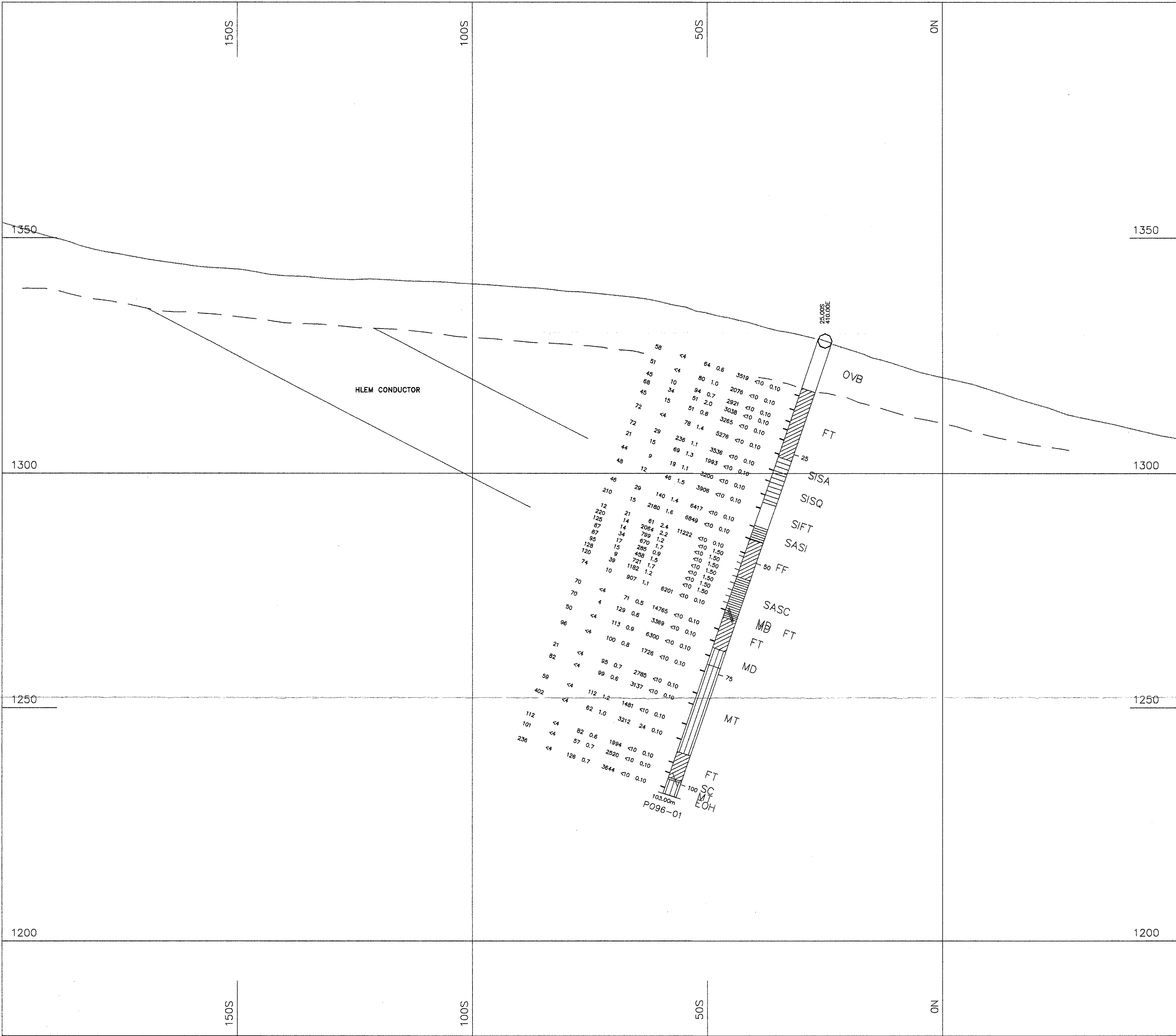
Scale: as shown

Date: JULY 1996

Plate:

15

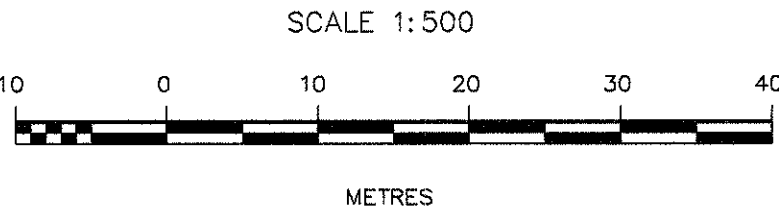
#14



LEGEND

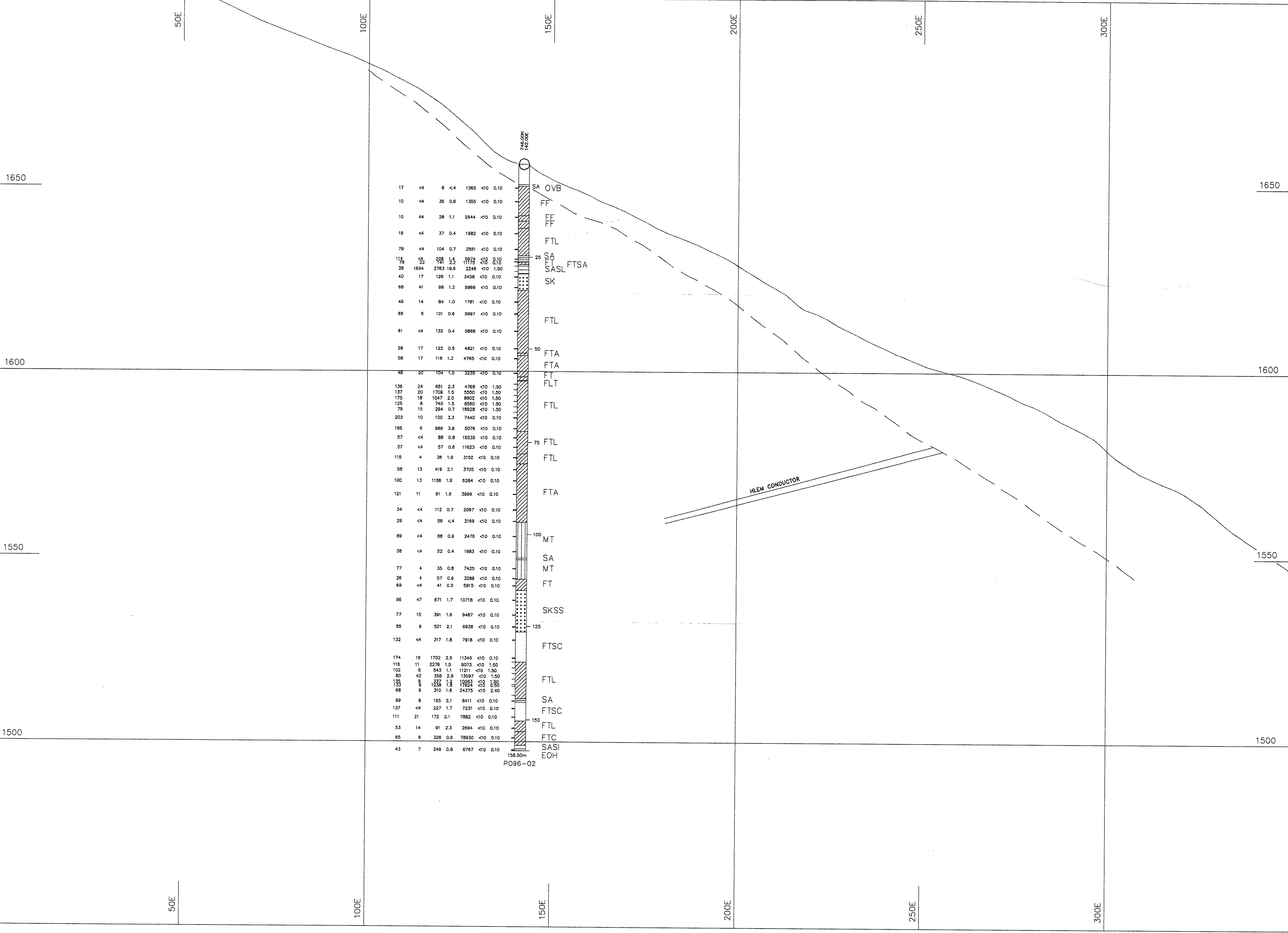
- OVB - Overburden
- SISA - Siltstone with lesser Argillite
- SISQ - Siltstone with lesser Quartzite
- SIFT - Siltstone with lesser Felsic Tuff
- SCSI - Argillite with lesser Siltstone
- SASC - Argillite with lesser Chert
- SC - Chert
- FT - Felsic Tuff
- FF - Felsic Flow
- FD - Felsic Dyke
- MT - Mafic Tuff
- MD - Mafic Dyke

Cu ppm/Pb ppm/Zn ppm/Ag ppm/Ba ppm/Au ppb/sample width



PELLEY PROJECT 1996 093581

PAM		Traced by:		POP PROPERTY			
Revised by:	PAM	Revised by:	PAM				
				DDH P096-01			
				Section 410 E, Looking Westsouthwest			
				Scale:	1:500	Date:	Jan. 1997
						Plate:	23



LEGEND

- OVB - Overburden
- SA - Argillite
- SASi - Argillite with lesser Siltstone
- SASL - Argillite with lesser Calcareous Wacke
- SK - Wacke
- SKSS - Wacke with lesser Sandstone
- FF - Felsic Flow
- FT - Felsic Tuff
- FTL - Felsic Lapilli Tuff
- FTA - Felsic Ash Tuff
- FTC - Felsic Crystal Tuff
- FTSA - Felsic Tuff with lesser Argillite
- FTSC - Felsic Tuff with lesser Siltstone
- MT - Mafic Tuff
- FLT - Fault

Cu ppm/Pb ppm/Zn ppm/Ag ppm/Ba ppm/Au ppb/sample width

SCALE 1:500

10 0 10 20 30 40

METRES

093581

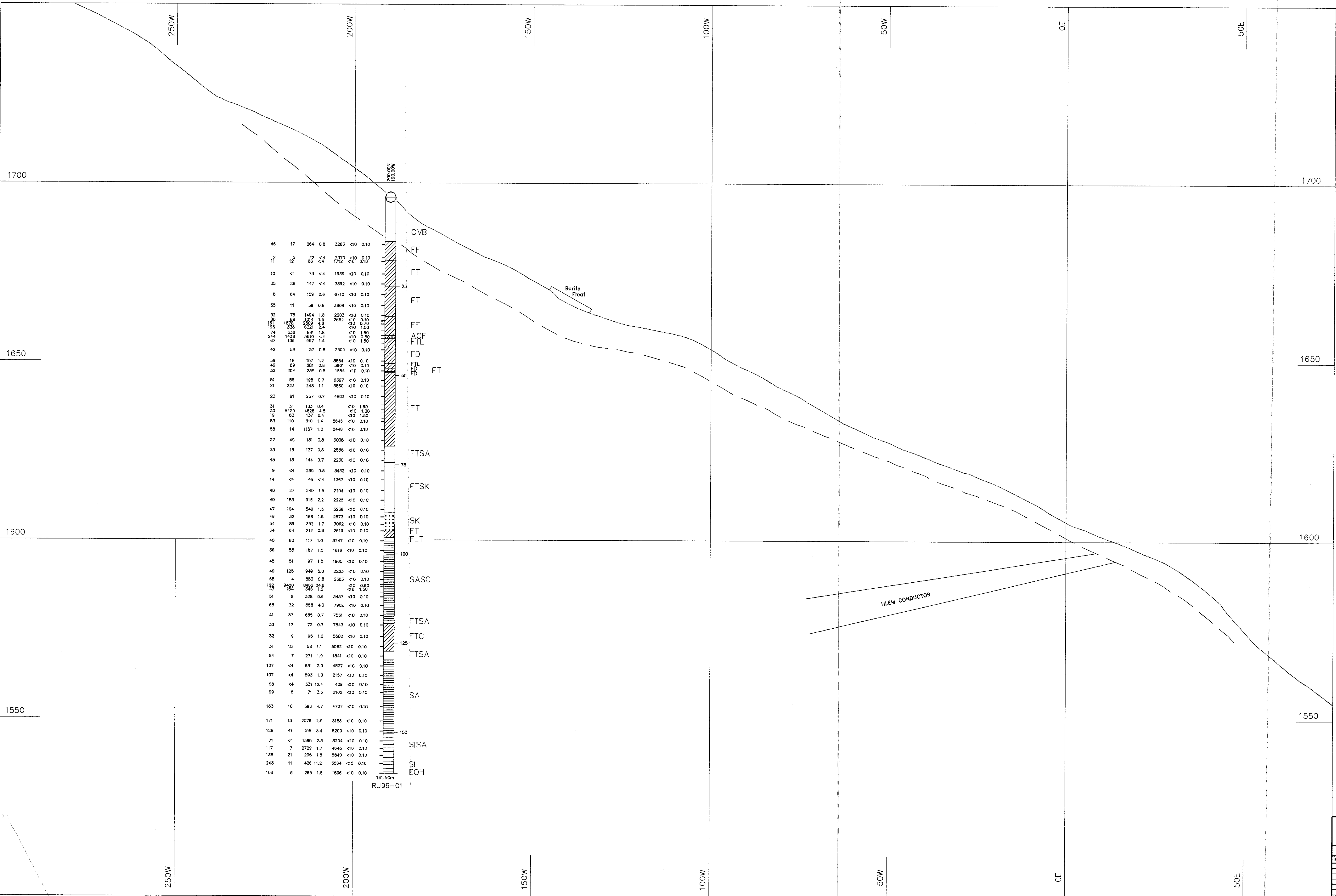
PELLEY PROJECT 1996

Revised by:	PAM	Traced by:	
Revised by:	PAM	Revised by:	PAM

POP PROPERTY
DDH P096-02
Section 748 N, Looking North

Scale: 1:500 Date: Jan. 1997 Plate: 24

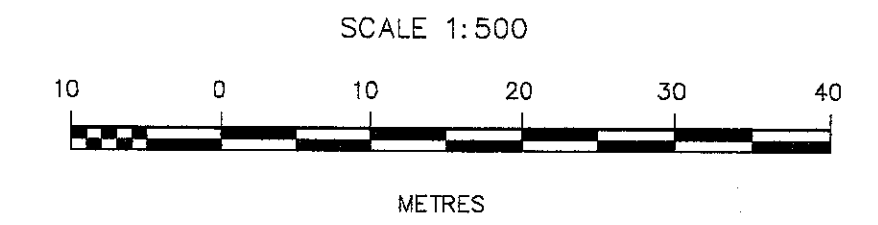
#16



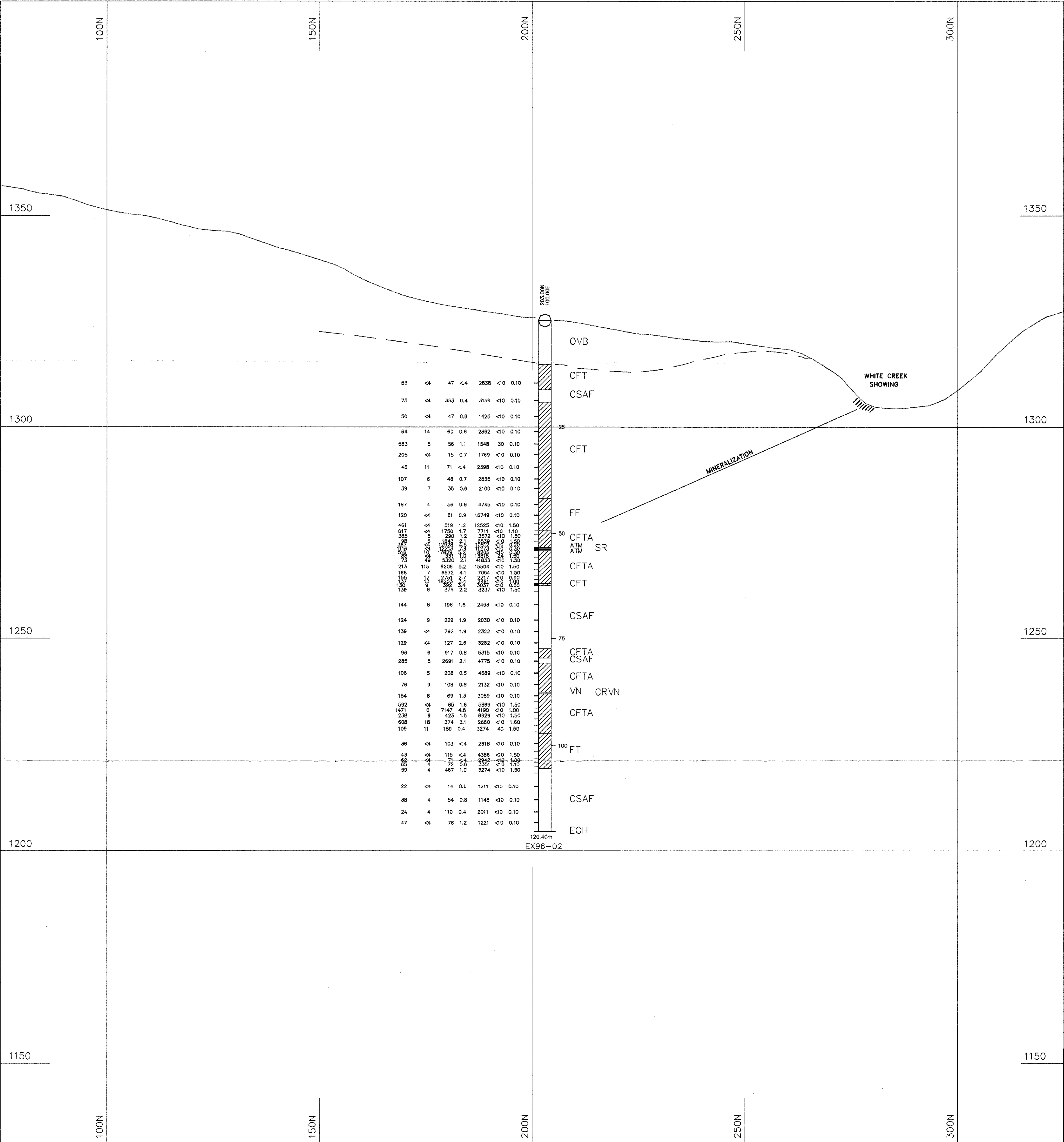
46	17	264	0.8	3283	<10	0.10
17	12	22	<4	2370	<10	0.10
10	4	73	<4	1936	<10	0.10
35	28	147	<4	3392	<10	0.10
8	64	158	0.6	6710	<10	0.10
55	11	39	0.8	3608	<10	0.10
92	75	1484	1.8	2203	<10	0.10
80	69	1014	1.5	2852	<10	0.10
161	1878	2509	4.3	2852	<10	0.70
125	336	6321	2.4		<10	1.50
74	536	891	1.8		<10	1.50
244	1436	5910	4.4		<10	0.80
67	138	927	1.4		<10	1.50
42	59	57	0.8	2509	<10	0.10
56	18	107	1.2	3684	<10	0.10
48	89	281	0.8	3901	<10	0.10
32	204	235	0.5	1854	<10	0.10
51	86	198	0.7	6397	<10	0.10
21	223	248	1.1	3880	<10	0.10
23	81	257	0.7	4803	<10	0.10
31	31	183	0.4		<10	1.50
30	5429	4525	4.5		<10	1.00
19	83	137	0.4		<10	1.50
83	110	310	1.4	5648	<10	0.10
58	14	1157	1.0	2446	<10	0.10
37	49	151	0.8	3006	<10	0.10
33	15	137	0.6	2858	<10	0.10
46	15	144	0.7	2230	<10	0.10
9	4	280	0.5	3432	<10	0.10
14	4	45	<4	1367	<10	0.10
40	27	240	1.5	2104	<10	0.10
40	183	918	2.2	2225	<10	0.10
47	164	549	1.5	3236	<10	0.10
49	32	168	1.6	2573	<10	0.10
54	89	352	1.7	3082	<10	0.10
34	64	212	0.9	2619	<10	0.10
40	63	117	1.0	3247	<10	0.10
36	55	187	1.5	1816	<10	0.10
45	51	97	1.0	1965	<10	0.10
40	125	949	2.8	2223	<10	0.10
68	4	853	0.8	2383	<10	0.10
123	8420	8462	24.9		<10	0.80
47	154	348	1.2		<10	1.50
51	6	328	0.6	3457	<10	0.10
65	32	558	4.3	7902	<10	0.10
41	33	685	0.7	7551	<10	0.10
33	17	72	0.7	7843	<10	0.10
32	9	95	1.0	5582	<10	0.10
31	18	58	1.1	5082	<10	0.10
84	7	271	1.9	1841	<10	0.10
127	4	651	2.0	4827	<10	0.10
107	4	593	1.0	2157	<10	0.10
68	4	331	12.4	409	<10	0.10
99	6	71	3.6	2102	<10	0.10
163	16	590	4.7	4727	<10	0.10
171	13	2076	2.5	3188	<10	0.10
128	41	198	3.4	6200	<10	0.10
71	4	1569	2.3	3204	<10	0.10
117	7	2729	1.7	4645	<10	0.10
138	21	205	1.8	5840	<10	0.10
243	11	426	11.2	5554	<10	0.10
105	5	285	1.8	1566	<10	0.10

- LEGEND
- OVB - Overburden
 - SK - Wacke
 - SA - Argillite
 - SI - Siltstone
 - SISA - Siltstone with lesser Argillite
 - SASC - Argillite with lesser Chert
 - FF - Felsic Flow
 - FT - Felsic Tuff
 - ACF - Chlorite-Silica-FeCarbonate-Pyrite Altered Tuff/Exhalite
 - FTL - Felsic Lapilli Tuff
 - FTC - Felsic Crystal Tuff
 - FTSA - Felsic Tuff with lesser Argillite
 - FTSK - Felsic Tuff with lesser Wacke
 - FD - Felsic Dyke
 - FLT - Fault

Cu ppm/Pb ppm/Zn ppm/Ag ppm/Ba ppm/Au ppb/sample width



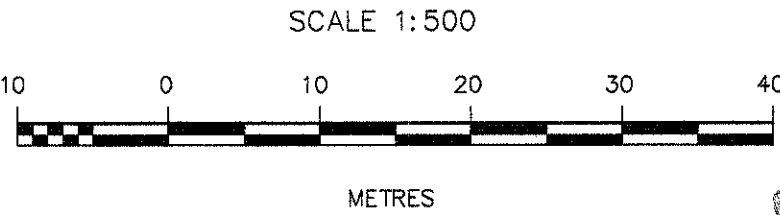
PELLEY PROJECT 1996				#17
PAM		Traced by:		RUN PROPERTY DDH RU96-01 Section L 200 N, Looking Northwest Scale: 1:500 Date: Jan. 1997 Plate: 25
Revised by:	PAM	Revised by:	PAM	



LEGEND

- OVB - Overburden
- CFT - Silica Banded, Pyritic Felsic Ash Tuff/Exhalite
- CSAF - Pyritic Felsic Ash Tuff/Exhalite and Siliceous Mudstone
- CFTA - Felsic Ash Tuff/Exhalite - Chlorite-Siderite Altered
- FF - Felsic Flow
- FT - Felsic Tuff
- ATM - Silica-Pyrite-Chlorite-Siderite Altered Tuff/Exhalite
- SR - Sulphide Rock
- VN - Calcite Vein
- CRVN - Fuchsite-Bearing Carbonate Vein

Cu ppm/Pb ppm/Zn ppm/Ag ppm/Ba ppm/Au ppb/sample width

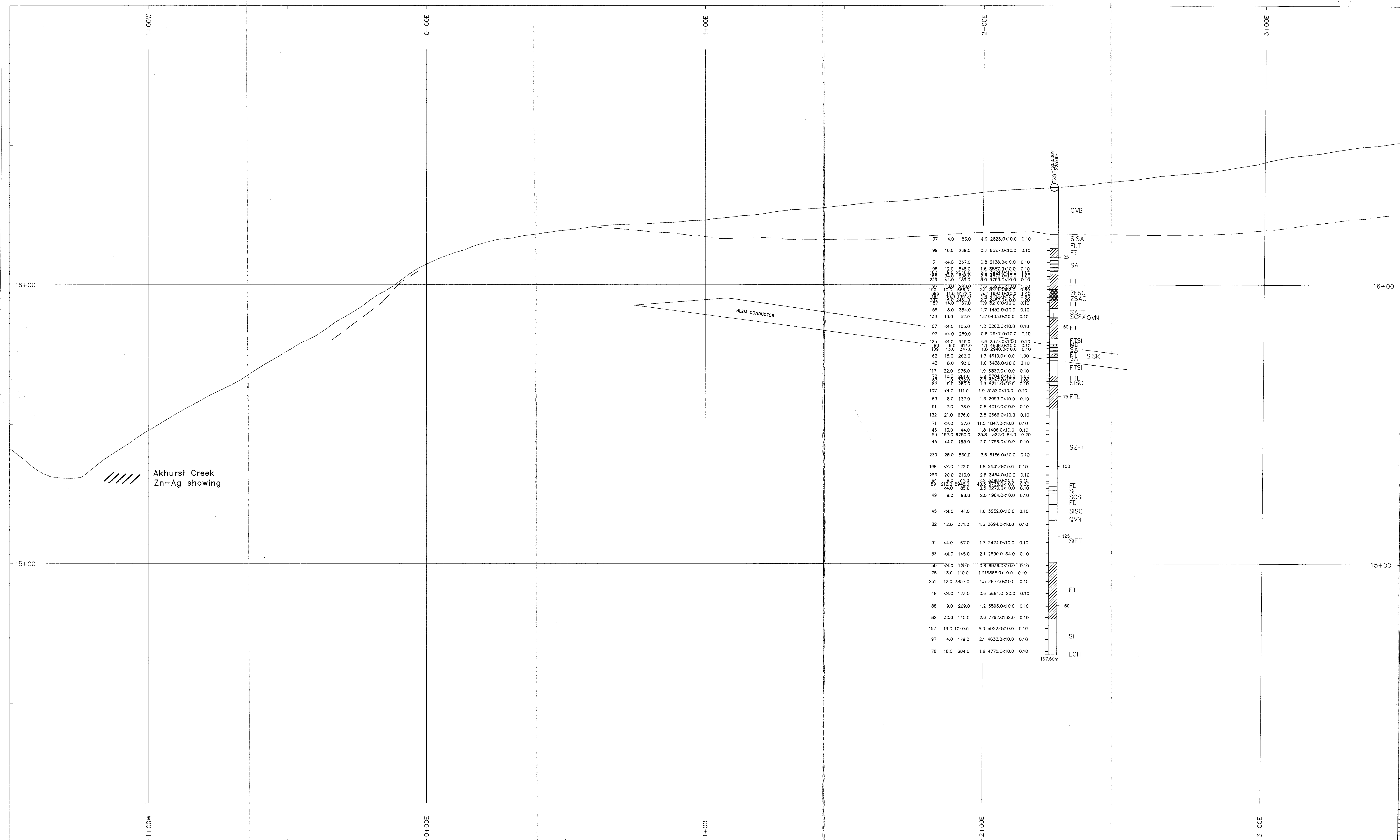


PELLEY PROJECT 1996

#19

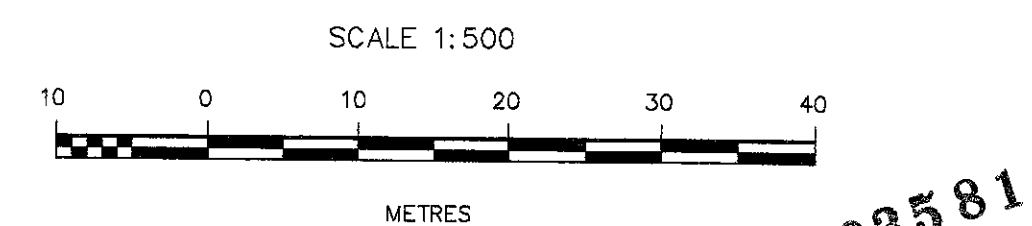
PAM		Traced by:	
Revised by:	PAM	Revised by:	PAM

EXPO PROPERTY			
DDH EX96-02			
Section 100 E, Looking West			
Scale:	1:500	Date:	Jan. 1997
			Plate: 27



- LEGEND
- OVB - Overburden
 - SA - Argillite
 - SI - Siltstone
 - SISA - Siltstone with lesser Argillite
 - SISK - Siltstone with lesser Wacke
 - SISC - Siltstone with lesser Chert
 - SCSI - Chert with lesser Siltstone
 - SAFT - Argillite with lesser Felsic Tuff
 - SIFT - Siltstone with lesser Felsic tuff
 - FTSI - Felsic Tuff with lesser Siltstone
 - FT - Felsic Tuff
 - FTL - Felsic Lapilli Tuff
 - ZFSC - Mineralized Felsic Tuff with lesser Chert/Cherty Exhalite
 - ZSAC - Mineralized Argillite with lesser Chert/Cherty Exhalite
 - SCEX - Chert/ Cherty Exhalite
 - SZFT - Tuffaceous Siltstone with lesser Mineralized Felsic Tuff
 - FD - Felsic Dyke
 - MD - Mafic Dyke
 - FLT - Fault
 - QVN - Quartz Vein

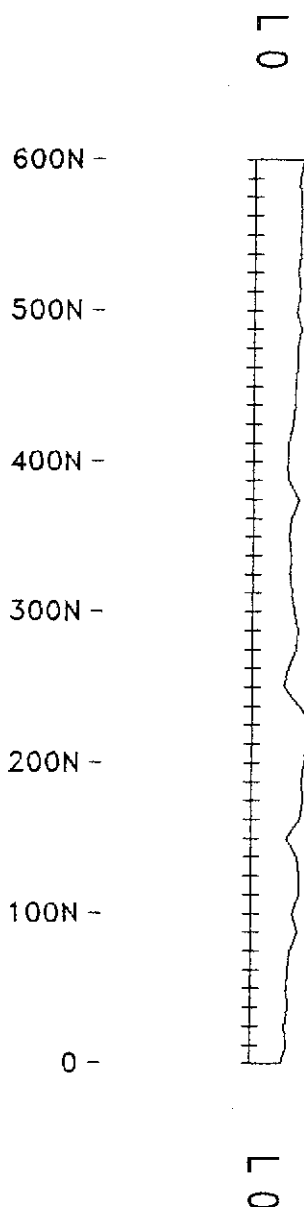
Cu ppm/Pb ppm/Zn ppm/Ag ppm/Ba ppm/Au ppb/sample width



PELLEY PROJECT 1996

DDH EX96-01
Section Looking North

Scale: 1:500 Date: Jan. 1997 Plate: 28



VERTICAL SCALE:
1cm = 50 nT

Scale 1:5000
50 0 50 100
(meters)

093581

BASE LEVEL= 58000 nT

COMINCO EXPLORATION



NTS
105G

PELLEY MOUNTAIN PROPERTIES
WHITECREEK BASELINE
TOTAL FIELD MAGNETICS SURVEY

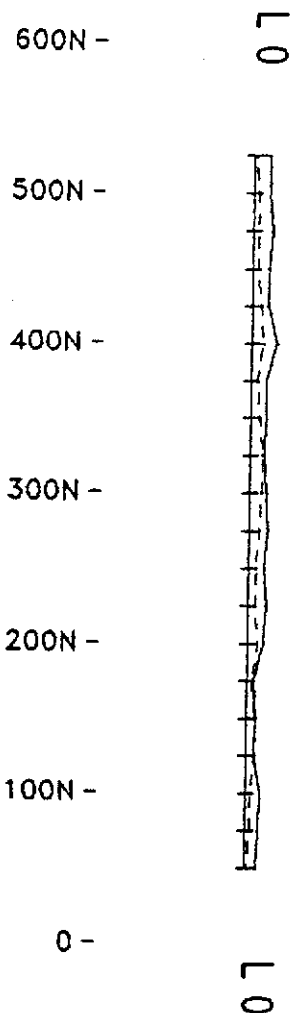
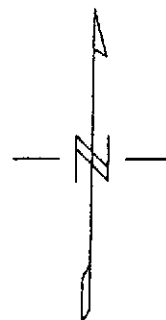
Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:

Scale: as shown

Date: JULY 1996

Plate:

16



VERTICAL SCALE
1cm = 20 %

OUT OF PHASE -----
IN PHASE _____

0935 81

Scale 1:5000
50 0 50 100
(meters)

COMINCO EXPLORATION



NTS
105G

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

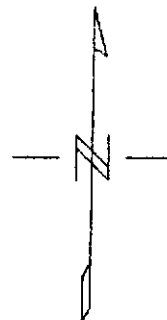
PELLEY MOUNTAIN PROPERTIES
WHITECREEK BASELINE
HORIZONTAL LOOP EM SURVEY: 440 Hz
100 METRE COIL SPACING

Scale: as shown

Date: JULY 1996

Plate:

17



600N -

07

500N -

400N -

300N -

200N -

100N -

0 -

07

VERTICAL SCALE:
1cm = 20 %

093581

Scale 1:5000

50 0 50 100
(meters)

OUT OF PHASE -----
IN PHASE _____

COMINCO EXPLORATION



NTS
105G

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

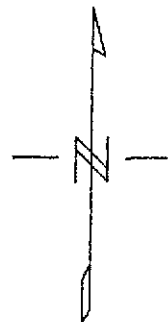
PELLEY MOUNTAIN PROPERTIES
WHITCREEK BASELINE
HORIZONTAL LOOP EM SURVEY: 7040 Hz
100 METRE COIL SPACING

Scale: as shown

Date: JULY 1996

Plate:

18



600N -

07

500N -

400N -

300N -

200N -

100N -

0 -

07

VERTICAL SCALE:
1cm = 20 %

0935 A1

Scale 1:5000
50 0 50 100
(meters)

OUT OF PHASE -----
IN PHASE _____

COMINCO EXPLORATION



NTS
105G

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

PELLEY MOUNTAIN PROPERTIES
WHITECREEK BASELINE
HORIZONTAL LOOP EM SURVEY: 440 Hz
150 METRE COIL SPACING

Scale: as shown

Date: JULY 1996

Plate:

19



600N -

07

500N -

400N -

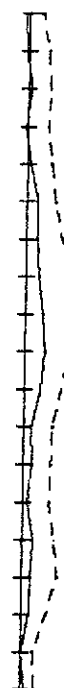
300N -

200N -

100N -

0 -

07



VERTICAL SCALE
1cm = 20 %

0935 81

Scale 1:5000
50 0 50 100
(meters)

OUT OF PHASE -----
IN PHASE _____

COMINCO EXPLORATION



NTS
105G

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

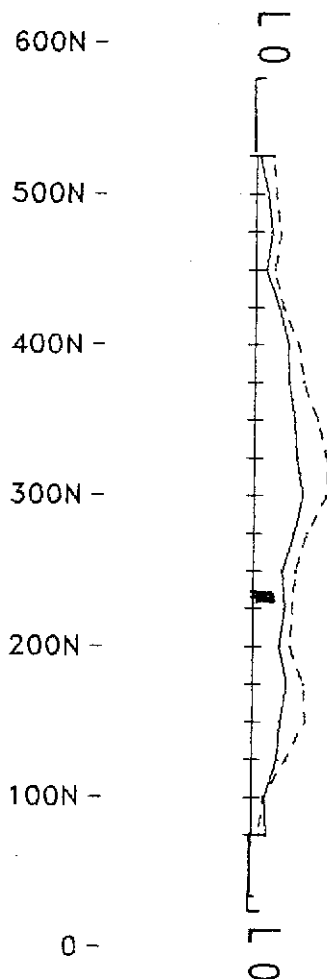
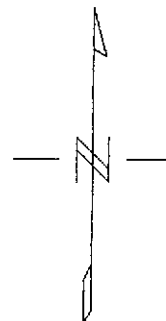
PELLEY MOUNTAIN PROPERTIES
WHITECREEK BASELINE
HORIZONTAL LOOP EM SURVEY: 1760 Hz
150 METRE COIL SPACING

Scale: as shown

Date: JULY 1996

Plate:

20



VERTICAL SCALE:
1cm = 20 %

0935 81

Scale 1:5000
50 0 50 100
(meters)

OUT OF PHASE -----
IN PHASE —————

COMINCO EXPLORATION



NTS
105G

PELLEY MOUNTAIN PROPERTIES
WHITCREEK BASELINE

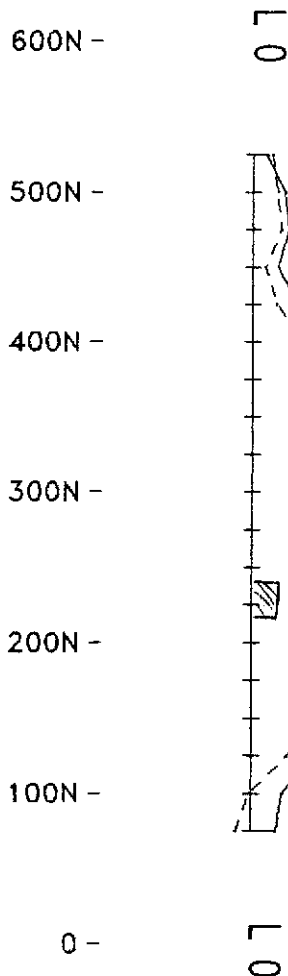
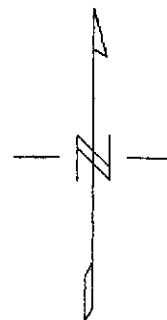
HORIZONTAL LOOP EM SURVEY: 3520 Hz
150 METRE COIL SPACING

Scale: as shown

Date: JULY 1996

Plate:

21



CONDUCTIVITY THICKNESS (SIEMENS)

0.5/29

DEPTH TO TOP (METRES)

VERTICAL SCALE:
1cm = 20 %

Scale 1:5000
50 0 50 100
(meters)

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

093581

COMINCO EXPLORATION



NTS
105G

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

PELLEY MOUNTAIN PROPERTIES
WHITCREEK BASELINE
HORIZONTAL LOOP EM SURVEY: 7020 Hz
150 METRE COIL SPACING

Scale: as shown

Date: JULY 1996

Plate:

22