84-1238-13315

ASSESSMENT REPORT OF THE

1984 GEOLOGICAL AND GEOCHEMICAL EXPLORATION PROGRAM

ON THE

SOUP 8-84 CLAIM GROUP

OMINECA MINING DIVISION
NTS 94D/8

Located 15 km SSE of Johanson Lake,
and approximately 200 km NNE of Smithers

Latitude 56°28' North; Longitude 126°03' West

OWNED BY VITAL RESOURCES LIMITED
OPTIONED BY BP RESOURCES CANADA LIMITED

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,315

BPVR 84-15

H.Q. Smit,
Geologist

R.E. Meyers,
Project Geologist

December, 1984

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF APPENDICES

SUMMARY

The 1984 exploration activities on the SOUP 8-84 Claim Group consisted of a comprehensive program of detailed geological mapping combined with talus fines and rock chip geochemical sampling. The program was carried out with the objectives of:

1. To verify previously reported geological and geochemical data;
2. To obtain a more detailed picture of known mineralized zones; and
3. To determine the potential for additional mineralization occurring within the volcanic stratigraphy.

Results indicate that highly anomalous gold values are intermittently associated with discontinuous magnetite-rich skarn horizons developed within Takla Group andesite tuffs and augite porphyry flows. Selective rock chip sampling of the skarn horizons returned a substantial number (32) of values >1000 ppb gold, of which 17 samples are in the 1000 - 3000 ppb range, 8 samples in the 3000 - 5000 ppb range and 6 samples >5000 ppb. The highest grade sample returned 62,300 ppb gold (1.82 oz/ton) followed by 23,550 ppb (0.69 oz/ton).

The anomalous values are widely and irregularly distributed throughout the skarn zones. However, several of the highest values are concentrated in the "Saddle Gully Zone", a fault-displaced and sheared section of skarn on the SOUP 4 claim.

Lithogeochemical sampling results indicate that relatively low background gold and copper occur in the Takla volcanic rock units on the property. Talus fines sampling substantiated anomalies reported from previous surveys and in particular, verified anomalies occurring uphill, above skarn mineralization in the "Saddle Gully Zone". These anomalies may result from small scattered gold-bearing quartz-sulphide veins to the extent that gold has been concentrated and possibly even enriched 5 to 10 times in talus fines by mechanical weathering processes. However, the alternative remains that an unknown gold-bearing source exists upslope from the anomaly as either an unexposed skarn horizon or a related hydrothermal vein system.

CONCLUSIONS

1. Gold mineralization on the SOUP claims is principally associated with conformable magnetite-rich skarn horizons developed within Takla Group volcanic rocks. Mineralization is irregular and at best, discontinuous however, mapping and sampling indicate that potential exists for a low to medium tonnage deposit of medium to high tenor.

2. Gold mineralization also occurs in minor volcanic-hosted sulphide $\pm$ magnetite bearing quartz veins associated with dyking and hydrothermal alteration. Present information suggests that vein systems are poorly developed and do not offer economic potential.

3. Small disseminated and semi-massive pyritic zones developed adjacent to the skarn horizons contain weak gold and copper mineralization. Disseminated pyrite zones developed elsewhere within sheared and altered volcanic rocks are essentially barren of gold or copper mineralization.

4. Post-mineralization faulting and shearing has offset and deformed large sections of skarn bodies and may possibly have caused minor remobilization of gold mineralization within the fault zones. The "Saddle Gully Zone" displays such features and returned the highest rock chip gold values.

5. Gold enrichment in talus fines by mechanical weathering may be an important factor when considering the magnitude and extent of geochemical anomalies observed on the SOUP claims.

6. The stratigraphic assemablage on the SOUP claims lies on the northeast limb of a northwest-trending anticline straddling Kliyul Creek. In the opposite limb, exposed in a section southwest of the creek, volcanic derived limey tuffs and sediments are thought to be correlative with the SOUP assemblage. The skarn deposits are believed to have formed near the northeast pinchout, where the limey sediments project across the anticline and are transitional to the volcanic assemablage on the SOUP claims.

RECOMMENDATIONS

1. A program of hand trenching combined with further detailed mapping and sampling is warranted to define the limits of the magnetite-rich skarn zones. Priority should be given to the "Saddle Gully Zone" and other skarn horizons northwest of the rock glacier.

2. A detailed magnetometer survey should be completed on SOUP 1-11 claims with the objective of tracing unexposed extensions of the skarn zones and providing a guide for the detailed work mentioned above. Maximum spacings of 50 X 25 metres should be used over the known skarn horizons and 100 X 50 metres over the remainder of the claim block.

3. Diamond drilling is recommended, contingent upon continued positive results from surface work. Initial priority should be given to testing the subsurface extensions of the highest grade surface zones, however, it is emphasized that a substantial representative cross-section of the lithologies affected by skarn and hydrothermal alteration should be intersected.

4. The relatively high grade potential of gold-in-skarn mineralization as seen by results obtained on the SOUP claims, should encourage the search for similar mineralization elsewhere in the Takla Group, in areas where favourable geological and economic parameters exit.

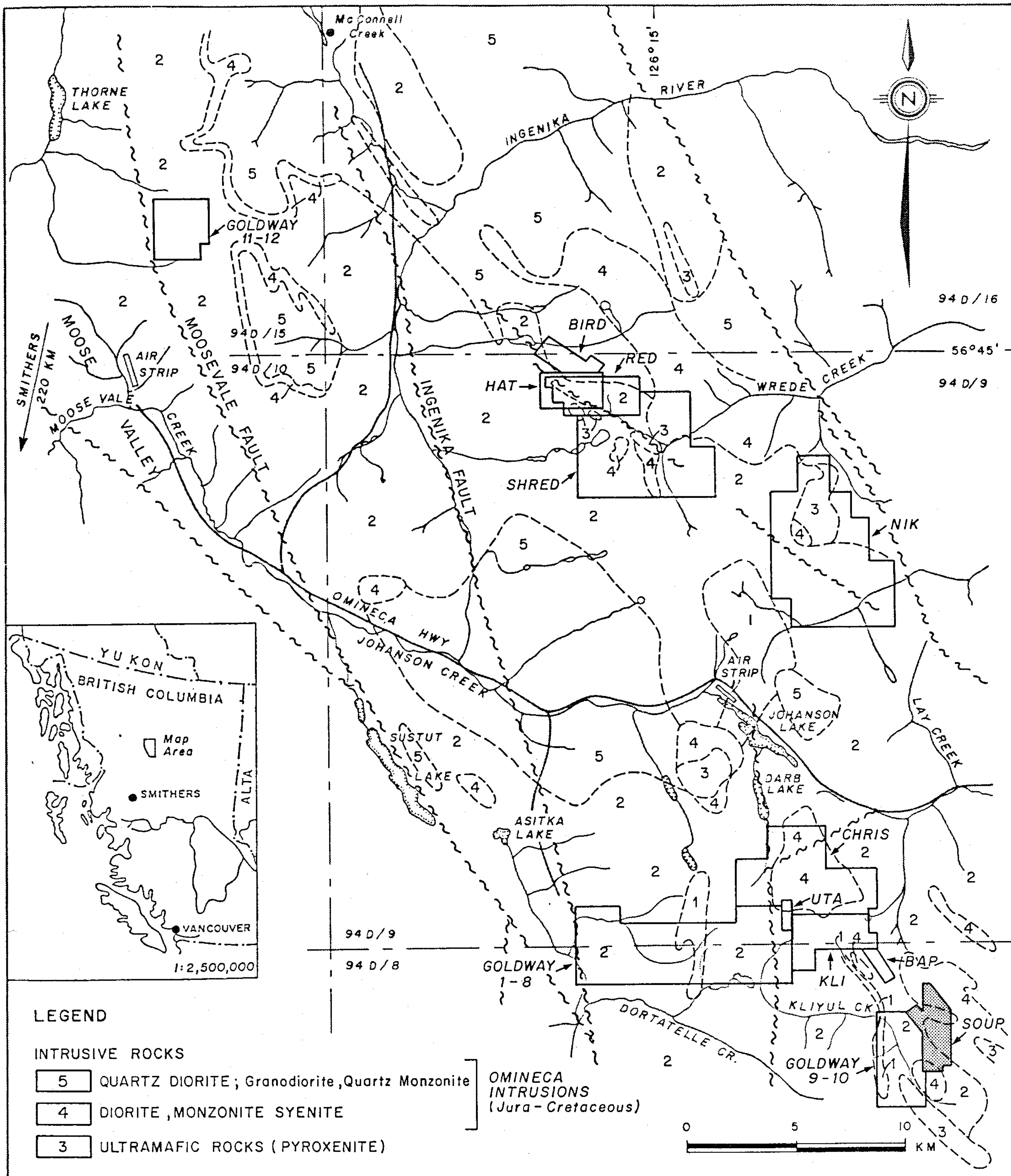
INTRODUCTION

1. Location, Access and Terrain

The SOUP claims (SOUP 8-84 Group) are located at 56°28' north latitude and 126°03' west longitude in the Omineca Mining Division approximately 200 km north-northwest of Smithers and 15 km southeast of Johanson Lake (NTS 94D/08, Figure 1).

Access to the property (Figure 2) is by helicopter from Johanson Lake which is reached by wheel or float equipped aircraft, or by the Omineca Highway, which is closed in winter. The road is reached from Fort St. James, north of Vanderhoof (430 km) or via Highway 97 north from Prince George (500 km). The Dease Lake extension of the British Columbia Railway is operational between Prince George and Driftwood, 65 km southeast of Johanson Lake.

The property is situated east of Kliyul Creek on a steep southwest-facing slope on which elevation ranges from 1300 to 2300 metres. Ubiquitous blocky talus, partially covered by alpine grasses and shrubs obscures much of the bedrock and the southwest side of the claim group is bisected by a prominent rock glacier.



LEGEND

INTRUSIVE ROCKS

5	QUARTZ DIORITE; Granodiorite, Quartz Monzonite	OMINECA INTRUSIONS (Jura-Cretaceous)
4	DIORITE, MONZONITE SYENITE	
3	ULTRAMAFIC ROCKS (PYROXENITE)	

VOLCANIC ROCKS

TAKLA - UPPER TRIASSIC

2	ANDESITES, BASALTS, FLOWS, BRECCIAS, TUFFS
1	SEDIMENTS (Volcanic Sandstone, Argillite, Turbidite, minor Limestone

SELCO DIVISION -
BP RESOURCES CANADA LIMITED

SOUP PROJECT

LOCATION MAP & REGIONAL GEOLOGY OF THE JOHANSON LAKE AREA

SCALE 1:250,000	DRAWN BY: R.E.M.	FIG. 1	
DATE DEC' 84	DRAFTED BY: E.B.W.		
N.T.S. 94 D/8	PROJ. 10107	REPORT BPVR 84-15	

2. Claim Status

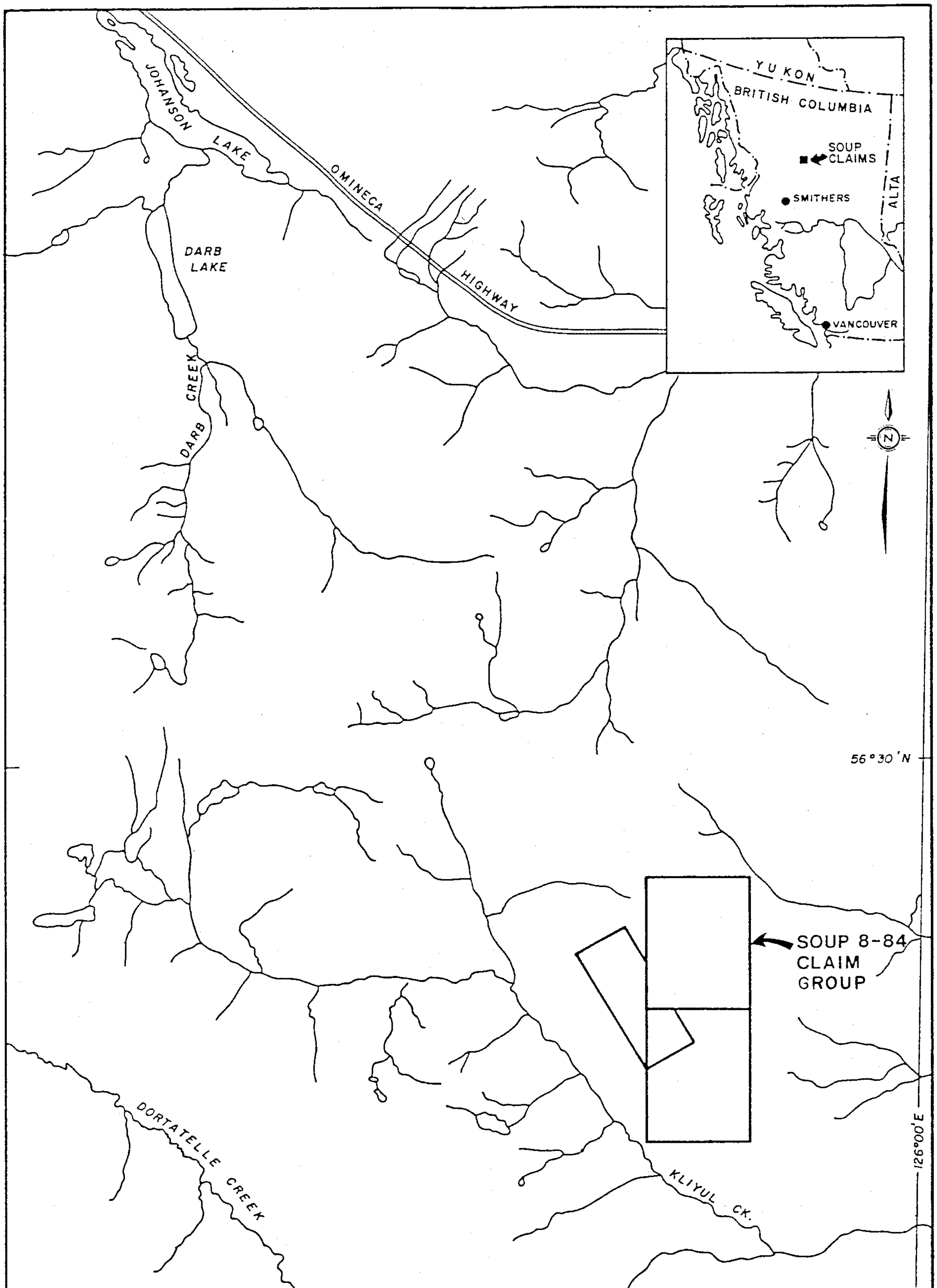
The SOUP 8-84 claim group (Figure 2) consists of ten, two-post claims (SOUP 1-10), SOUP 11 Fraction and MGS claims SOUP 12, 13, and 14, each consisting of 12 units, together totalling 37 units. They are 100% owned by Vital Resources Limtied and were optioned to BP Resources Canada Limited in 1984. With the filing of 1984 assessment work all claims in the group are in good standing unitl 1993.

CLAIM NAME	RECORD NUMBER	NO. OF UNITS	RECORDING DATE	EXPIRY DATE
SOUP 1	26941		Aug. 7/64	Aug. 7/93
SOUP 2	26942		Aug. 7/64	Aug. 7/93
SOUP 3	26943		Aug. 7/64	Aug. 7/93
SOUP 4	26944		Aug. 7/64	Aug. 7/93
SOUP 5	26945		Aug. 7/64	Aug. 7/93
SOUP 6	26946		Aug. 7/64	Aug. 7/93
SOUP 7	26947		Aug. 7/64	Aug. 7/93
SOUP 8	26948		Aug. 7/64	Aug. 7/93
SOUP 9	26949		Aug. 7/64	Aug. 7/93
SOUP 10	26950		Aug. 7/64	Aug. 7/93
SOUP 11 Fr.	4206		Aug. 15/81	Aug. 15/93
SOUP 12*	5805	12	Oct. 5/83	Oct. 5/93
SOUP 13	5806	12	Oct. 5/83	Oct. 5/93
SOUP 14	6491	12	Aug. 13/84	Aug. 13/93

*SOUP 12 overstaked by SOUP 14 - August 9, 1984
(Tags had been filled out incorrectly on SOUP 12)

3. History

Work in the Kliyul Creek area dates back to the 1940's, shortly after placer gold was discovered at McConnell Creek, about 50 km northwest. More recently, in the 1960's and



SELCO DIVISION -
BP RESOURCES CANADA LIMITED

SOUP CLAIM PROJECT

SOUP CLAIMS LOCATION MAP

SCALE	DRAWN BY:		FIG. 2
DATE NOV '84	DRAFTED BY: E.B.W.		
N.T.S. 94 D/8	PROJ. 10107	REPORT BPVR 84-15	

1970's, exploration was directed towards porphyry copper-molybdenum and volcanic-hosted stratabound copper deposits. The most impressive find has been the Sustut Copper deposit discovered by Falconbridge Nickel Limited, 40 km west of Johanson Lake. Other drilling ventures were undertaken in 1982 by Lornex Mines Limited on upper Lay Creek and by Getty Mines Limited on Porphyry Creek, northwest of the SOUP claims (Carter, 1983).

The original SOUP claims (SOUP 1-10) were located in 1964, SOUP 11 Fraction was staked in 1981, SOUP 12 and 13 were staked in 1982 and SOUP 14 in 1984. Exploration over the last 20 years consisted of detailed mapping, surface sampling, petrographic studies, magnetic profiles and the drilling of three short x-ray holes. Vital Resources Limited acquired the claims in 1980 and completed additional geochemical surveys in 1981. In 1982 Noranda Exploration Company Limited carried out detailed soil and rock chip sampling, but later dropped their option. The claims were optioned to BP Resources Canada Limited in 1984.

4. <u>1984 Exploration Activities</u>

The 1984 program consisted of detailed geological mapping, lithogeochemical sampling (rock chip), talus fines sampling and selective rock chip sampling of mineralized showings. Detailed mapping was carried out on an orthophoto base map at 1: 5000 scale prepared by McElhanney Surveying and Engineering Limited. The mapping was carried out to verify previous geological data and to obtain a more detailed outline of mineralized zones within the stratigraphy. Talus fines sampling was carried out to substantiate the results of an earlier sampling program and a continuous lithogeochemical sampling line was completed to obtain representative metal values for the various units and to establish the presence or absence of pathfinder elements within the volcanic sequence as a guide to exploration.

REGIONAL GEOLOGY

The SOUP claims (Figure 1) are situated in the northern extension of the Quesnel Trough within the Intermontane Tectonic belt of the Canadian Cordillera. The Quesnel Trough assemblage consists principally of the Upper Triassic to Lower Jurassic Takla Group volcanic and sedimentary rocks, correlatives of which extend from south of the U.S. border to north of the Stikine River (Monger, 1977). The volcanic rocks consist of island-arc type calc-alkaline to alkaline flows and volcaniclastic rocks of predominantly submarine origin, although subaerial volcanic complexes also occur in the region.

The extrusive rocks are interlayered with volcanogenic sandstones that grade into laminated siltstones, argillites, with minor conglomerates, tuffaceous limestone and limestone breccia.

The stratigraphy is intruded by granitic to intermediate plutons Jura-Cretaceous in age which are satellitic to the Hogem Batholith and by remnants of ultramafic intrusions, a few of which are locally related to deep-seated faults transecting the region. In the Kliyul Creek area on the SOUP claims, the principal rock types are augite porphyry flows and andesitic tuffs with numerous comagmatic diorite intrusions of similar composition. Southwest of the claims, across a north-northwest-trending antiformal structure which straddles Kliyul Creek, there is a lithologic transition from volcanic to sedimentary facies where tuffaceous sediments are interlayered with calcareous sediments and gritty limestones which can be traced to the north, parallel to the antiformal axis.

Mineralization in the area occurs in a variety of forms and associations (Bradley, 1984). Copper and molybdenum porphyry-type occurrences are associated with monzonitic intrusions and copper occurs as minor fracture fillings and disseminations in the Takla volcanic rocks. Numerous gold-bearing quartz-carbonate veins with semi-massive sulphides, including chalcopyrite and pyrite are commonly and spatially associated with subvolcanic hornblende diorite sills and dykes within the Takla stratigraphy.

One of the most impressive mineral occurrences is on the SOUP claims where gold and minor chalcopyrite are closely associated with magnetite-rich skarn horizons, also within the Takla volcanics. Similar skarn mineralization occurs on the Kli claims and is described in another report.

PROPERTY GEOLOGY

Most of the rocks within the SOUP 1-11 claims (Figure 3) are andesitic to basaltic volcanic rocks of the Upper Triassic to Lower Jurassic Takla Group that have undergone greenschist grade metamorphism. They are composed of a lower unit of feldspar-rich andesitic flows and tuffs overlain by andesitic to basaltic augite porphyry flows. These rocks have been intruded by diorite stocks, dykes and sills and by a small quartz monzonite intrusive, as well as by small dykes of feldspar porphyry.

The stratigraphy dips about 30° to the northeast and is transected by northerly and easterly striking faults. Shearing is confined along the faults and in a few other zones but generally the rocks are not highly deformed.

Massive conformable magnetite skarn bands (1-5 metres thick) occurring near the base of the augite porphyry are exposed discontinuously along strike (northwest-southeast) and contain appreciable gold and copper. Similar mineralization is found along a few fault zones cross-cutting the skarn horizon. Other minor gold-copper mineralization is found in small sulphide-bearing quartz veins. Disseminated pyrite zones occur in sheared and altered flows and tuffs but are poorly mineralized. Property geology, displayed in Figure 3, has been expanded from 1:5 000 to 1:2 000 to show more detail.

1. LITHOLOGIES

(a) Volcanic Rocks

(i) Andesite: (Unit 1)

The lower half of the large slope to the east above Kliyul Creek is composed of fine to medium grained, grey-green andesitic feldspar crystal tuffs and massive flows. Minor lithic fragments are present in some flow sections and the flows and crystal tuffs are grossly similar in appearance. However, the presence of <1% lapilli ($\leq$ 2.0 cm) of similar composition to the host rock, indicates that much of the unit is tuffaceous.

Variable amounts of augite and minor hornblende occur but are never abundant. The unit is generally massive, weakly foliated in places and weathers to a homogeneous light to medium grey. Mafic minerals are chloritized and most feldspars are sericitic pale green.

Rare amygdaloidal andesitic flows are found which have an aphanitic groundmass with epidote and feldspar amygdales up to 5 mm in diameter.

(ii) Augite Porphyry: (Unit 2)

Augite porphyry overlies the andesite (Unit 1) and in places interfingers at the contact, notably in the southeast. The augite porphyry is andesitic to basaltic, consisting mainly of flows and minor tuffs. The rocks vary from fine to coarse grained, medium to dark green with 10% to 70% augite phenocrysts in an aphanitic to fine grained, often feldspar-rich matrix. The generally stubby augite phenocrysts are usually 1 to 2 mm but may be up to 10 mm long. Minor flow breccias and laminated tuffs occur within the unit. Mafic minerals (augite and minor hornblende) are highly chloritized and feldspar crystals (<1 mm) in the matrix are saussuritized.

(b) INTRUSIVE ROCKS

Dykes and sills of dioritic composition occurring within the Takla volcanic rocks probably represent subvolcanic feeder dykes. Other intrusive types differing in composition and age also occur. A small monzonite plug intrudes diorite in the southeast and is likely an Omineca offshoot. In the Kliyul Creek valley an ultramafic plug (not mapped) is possibly older and may be fault related.

(i) Diorite: (Unit 3)

Diorite outcrops in the headwall and northern rim of the rock glacier. The diorite is part of an intrusion that is approximately two kilometres wide lying mainly northeast of the rock glacier. McTaggert (1965) describes the unit as a typical plagioclase-hornblende diorite, in places displaying flow orientation. Some phases are augite-bearing while others are monzonitic rather than dioritic. At its margins the diorite forms narrow dykes, varying in width from a few centimetres up to two metres. Some dykes contain abundant angular inclusions of the Takla host rocks. The diorite is highly altered with chloritic to sericitic hornblende and saussuritic plagioclase.

In the area northwest of the rock glacier there is a 20 to 100 metre thick diorite sill that is intruded along the contact between the augite porphyry and andesite units. It is believed to be an offshoot of the main diorite pluton but has a fine grained "microdiorite" texture (McTaggert, 1965). The rock is fine to medium grained, grey-green, equigranular and highly altered. It is more resistant than the surrounding volcanic rocks and characteristically forms blockier talus.

No contact metamorphic effects are visible at the diorite/andesite contacts, possibly due to the compositional and temporal association between the intrusive and its host rocks.

(ii) Feldspar Porphyry Dykes: (Unit 4)

Several feldspar porphyry dykes 2 to 5 metres in width, intrude the augite porphyry volcanic rocks northwest of the rock glacier. They contain 20 to 60% sub-rounded to euhedral phenocrysts (2-10 mm) in a fine grained, quartz-poor, grey-green matrix. The dykes dip down-slope, resulting in outcrops much wider than true thickness. Contacts with the augite porphyry are slightly pyritic and iron-stained along the dyke margins.

(iii) Quartz Monzonite: (Unit 5)

Intruding the Takla rocks in the southwest corner of the property, not within the mapped area, is a quartz monzonite body which is probably a satellitic offshoot of the Omineca Intrusions. McTaggert (1965) describes the rock as a biotite quartz monzonite that is somewhat heterogeneous at its contacts. Contact effects include recrystallization and weak localized pyritization of the volcanic rocks.

(iv) Other Dykes:

Several minor dykes occur including a fine grained diabase, a pale green felsite dyke and a hornblende porphyry dyke were observed in "Cross-Section Creek". A 10 metre wide fine to medium greenish-grey diorite dyke occurs southeast of the rock glacier above the major fault.

McTaggert (1965) also notes the occurrence of minor mica lamprophyre dykes.

2. STRUCTURE

Attitudes in the volcanic rocks were difficult to measure but generally the volcanic stratigraphy strikes northwest-southeast and dips about 30° to the northeast (into the hill). Some minor warping was observed but no major folding occurs.

A number of faults cross-cut and offset lithologies at several localities. Southeast of the rock glacier a major fault that follows the augite porphyry/andesite contact trends 100° to 120° and has a steep to vertical dip with left lateral displacement resulting in about 350 metres offset in the skarn band (Figure 3). Northwest of the rock glacier several faults within the augite porphyry trend 020° to 030° and also appear to have steep to vertical dips. One such fault has uplifted the skarn band about 60 metres on its southeast side. However, just northeast of the property, displacements on dykes show a downdrop of more than 20 metres on the southeast side so that no consistent sense of movement can be determined.

The volcanic rocks along the faults are moderately to highly sheared, resulting in fault zones up to 30 metres wide. Shearing is parallel to nearly perpendicular to fault orientations within the shear zones. Such variations in shear direction are probably due to drag effects along the faulted blocks.

Other fault zones occur elsewhere with various orientations. Most are within the lower andesite unit where steep to vertical east-west striking shears are the most common. Many shear zones are pyritic, leached and iron-stained, however, most do not carry significant gold values.

3. ALTERATION AND MINERALIZATION

(a) Modes of Occurrence

The rocks, of the Soup claims have undergone regional greenschist metamorphism, resulting in chloritized mafic minerals, sausseritized and sericitized plagioclase with actinolite and/or tremolite coatings on fracture surfaces. Weak propylitic alteration is common with epidote, quartz and calcite stringers and veins, especially in the augite porphyry unit.

Mineralization occurs in three ways on the property:

(1) associated with magnetite-rich skarn zones;

(2) in silicified, pyritic andesite tuffs; and

(3) in small minor sulphide bearing quartz veins.

Gold and copper sulphide in magnetite skarns are the only economic minerals of any significant abundance on the claims.

(b) Magnetite Skarn Zones

(i) General Features

The magnetite-rich skarns are more or less massive and concordant. They vary along strike in thickness from 1 to 5 metres and in magnetite content from 60 to 100%. Most magnetite is concentrated near the top of the horizon. Peripheral disseminated zones of 5 to 20 metres thick underlie most massive horizons usually with a magnetite content of 2 to 10%, minor pyrite, chalcopyrite and appreciable malachite staining. At some localities iron and minor copper sulphides form massive lenses up to 1 metre thick, commonly above the top of the magnetite zone. In most occurrences the sulphides and magnetite appear to be somewhat mutually exclusive, where magnetite-rich zones are sulphide-poor and sulphide-rich zones are magnetite-poor.

Magnetite zones are predominantly composed of fine grained granular magnetite with coarse disseminated crystalline pyrite. Chalcopyrite occurs as small inclusions in pyrite or gangue, but is rarely enclosed in magnetite (Sinclair, 1975). There is a general correlation between high gold and high copper values and Sinclair believes that gold occurs in the chalcopyrite. No visible gold was observed.

Outcrops of the magnetite skarn horizons are highly oxidized, forming bright orange-brown stain zones commonly characterized by epidote alteration with minor actinolite and rare fine grained garnet, however, no major massive or zonal concentration of calc-silicate minerals was found in any of the skarn zones mapped.

The skarn assemblage is mainly concentrated along diorite/augite porphyry or andesite/augite porphyry contacts. As with the iron minerals, alteration is peripherally concentrated below the skarn horizons but only rarely above. In some areas the mineralization follows shear zones cutting upwards into overlying augite porphyry.

(ii) Skarn Zone Occurrences

Southeast of the rock glacier there is one band which is offset 350 metres by a left lateral fault displacement and then continues at the northwest edge of Soup 10 claim. It occurs near the base of the augite porphyry unit and has a total exposed length of about 600 metres. Northwest of the rock glacier there is one band at the base of the augite porphyry unit which extends along its contact with the underlying diorite sill. The band has a mapped length of 800 metres. Another band in the northwest corner is 40 to 50 metres higher and was mapped over a 350 metre length.

The most encouraging rock geochemcial results were obtained from the "Saddle Gully Zone", a magnetite zone which continues up one of the fault zones (020^{o} to 030^{o}) that crosscuts the main skarn band in the "Saddle Gully" northwest of the rock glacier (Figure 3). Abundant disseminated and massive magnetite is found within a 50 x 100 metre area at 2100 metres elevation where mineralized shears up to 1 metre wide occur along with discontinuous but stratigraphically conformable skarn beds which are enclosed within the fault zone. Gold values up to 60 grams per tonne were obtained from this zone. Values in excess of 1000 ppb gold were obtained from a 300 metre long zone between 1900 metres and 2100 metres elevation. Width of the latter zone is generally 25 metres or less and it appears that only about one quarter of the rock within the zone is mineralized. There is generally a sharp contact between mineralized and non-mineralized rock in the zone. It is possible that faulting either occured penecontemporaneously with skarn mineralization or that the skarn horizon has been off-set and perhpas remobilized by fault deformation.

(c) Pyrite Zones

Adjoining the magnetiferous bands in the Saddle Gully zone are a few irregular silicified, disseminated pyritic zones up to 10 metres thick within the augite porphyry. Southeast of the rock glacier a few large zones occur in shears adjacent to the skarn bands. Several disseminated pyrite zones up to 150 metres wide occur elsewhere within the andesite and augite porphyry units. The zones are usually silicified, iron-stained, highly sheared and contain 2-5% pyrite. They have a strongly bleached appearance with sericitized feldspars and chloritized mafic minerals.

Northwest of the claims a similar pyritic alteration zone continues for several hundred metres along strike. This zone is far more extensive than the smaller zones on the Soup claims and is overlain by augite porphyry which is intruded by diorite. The same bleached pyritic zone is traced to the northwest as a prominent gossan further along the northeast side of Kliyul Creek for about 5 km through the Bap and Kli claims.

Minor iron-stained pyrite zones also occur at the contacts of feldspar porphyry dykes and are likely the result of contact metamorphism. Notably, none of the pyritic zones carry appreciable gold or copper values.

(d) Quartz Veins

Small to medium sized quartz veins (<25 cm wide) occur throughout the property, particularly in the augite porphyry. The veins do not occur in great numbers, but some contain up to 20% chalcopyrite and minor magnetite. They are most common adjacent to faults and shear zones and along contacts with the feldspar porphyry dykes.

GEOCHEMISTRY

1. Objectives

Comprehensive geochemical sampling was carried out on the Soup claims with the following objectives:

1) Talus fines were collected to substantiate results from an earlier (1982) sampling program by Vital Resources Limited and to relocate anomalies delineated by that program.
2) Detailed rock chip sampling was carried out to determine the source of the anomalies.
3) Additional detailed rock samples were taken from the skarn bands to further delineate associated gold mineralization.
4) A continuous cross section lithogeochemical sampling line was completed at "Cross-section Creek" to determine representative gold values for the various lithologic units.

5) The lithogeochemical sampling was also to determine pathfinder elements which would serve as an exploration guide for copper and gold zones.

2. Talus Fines Samples

Talus fines samples were collected at 25 metre spacing along six lines (Figure 4A). Three lines were placed on each side of the rock glacier, beginning at the top of the ridge and continuing downhill to well below the skarn horizons. The results from these lines reconfirms that anomalously high gold values occur in talus throughout the Soup 1 through 10 claims. As well, the occurrence of some exceptionally high values in the 5,000 to 10,000 ppb range was reconfirmed and a zone of highly anomalous values above the main skarn band in Saddle Gully was substantiated. The total area, having values in excess of 500 ppb, appears to be the same or smaller than that previously outlined. However, this may have been influenced by line spacing.

Northwest of the rock glacier almost all the samples had gold values greater than 50 ppb and 60% were in excess of 100 ppb, illustrating the unusually high gold enrichment on that portion of the property. Southeast of the rock glacier gold values tend to be lower and only 40% of the samples have values in excess of 100 ppb, however, almost all still have values well above the average crustal abundance for gold.

Samples that are anomalous above the high background fall into three groups.

1) The first lie at and slightly below the skarn bands and can be directly attributed to gold from the skarn bands. The talus fines samples do not, however, always show high values directly coincident with the skarn bands.

2) The second group of high values involves four samples, (853075 through 853078), with values in the 1700 ppb to 1800 ppb range which are located at and below 2100 metres elevation, coincident with the Saddle Gully zone. The Vital Resources grid had an anomaly of similar magnitude at this location. Both anomalies can be attributed to faulted and sheared skarn-type mineralization found in the zone. The very high values do not continue above or below known mineralized zones.

3) The third group of anomalous values includes a few sacttered, very high values (up to 8000 ppb Au) along with moderately high, more extensive zones above the skarn bands in the augite porphyry unit. Very high values were also found above the skarn band in Vital's soil grid, but the locations do not everywhere coincide

with those in the present work. This, combined with the spotty nature of the high values and general lack of continuity of anomalies, indicates that the high values are perhaps due to sources of very limited extent, such as small chalcopyrite and gold bearing veins or talus blocks shedding from them. Alternatively, it remains possible that an unknown gold-mineralized source exists upslope from the anomaly.

Samples 853007 through 853014 are all greater than 200 ppb gold. Most samples in the next line to the southeast (853068 through 853072) are also above 200 ppb gold at the same elevation (2100 to 2200 metres) suggesting that a possible conformable zone of higher gold values occurs. This zone is in the same area as a >500 ppb gold zone, outlined on Vital's grid. However, the third line to the southeast does not show the extension of this anomaly.

Southeast of the rock glacier only samples 862125 through 853127 are anomalous (2250 to 2300 metres elevations). Other highs are spotty and directly attributable to the skarn bands.

It is important to note that all of the above anomalies occur within the augite porphyry unit or near its lower contact and most are directly related to the magnetite-rich skarn horizons. No notable anomalies of any consequence occur in the underlying andesite unit.

3. <u>Rock Chips Samples</u>

A rock chip sample line of 125 continuous 10-metre samples (854001 through 854125) was placed from the base of outcrop to the top of the ridge along Cross-Section Creek (Soup 1 and 2 claims) to identify additional gold mineralization and to correlate rock values with talus fines results (Figure 4B). Gold values obtained from the rock chips fall predominantly in the 5 to 20 ppb range (Figure 4C). Only four samples had greater than 100 ppb gold.

An arithmetic average of 19.8 ppb was obtained from 73 samples taken from the andesite (Unit 1), whereas 50 samples from the augite porphyry (Unit 2) averaged 55.3 ppb gold. However, of those from the augite porphyry, two high samples (860 ppb) contained quartz-epidote vein material and are probably biased. Thus, neither unit appears to have exceptionally high background gold values. In contrast, samples from three short sample lines across mineralized zones in lower skarn horizon averaged 149.3, 169.6 and 281.3 ppb respectively. Each sample line includes massive magnetite, underlying disseminated material and overlying barren material.

Rock chip samples taken along a second line (Figure 4C) across the upper part of the augite porphyry unit, above and below the Saddle Gully Zone returned similar low background values for the augite porphyry (e.g. 853501-853509) and equally low values (853532-853534 and 852525-852528) representing the microdiorite (Unit 3).

The highest rock chip gold values were obtained from fault-displaced magnetite-bearing sections in the Saddle Gully zone. The fault trends 020^{o} to 030^{o} with steep to vertical dips. Values greater than 1000 ppb gold occur over a zone 300 metres long which include values up to 60,000 ppb. The zone is about 25 metres wide, but only magnetite-rich shears and some stratigraphically conformable magnetite-rich beds within the zone are mineralized. Actual widths of mineralization are generally between 0.5 and 5 metres. Rock adjacent to the mineralized zones have only very weak gold values. As much of the zone is talus-covered, the total extent of mineralization is unknown.

The magnetite-rich skarn bands were chip sampled at several other locations (lines 1-5, Figure 4A, 4B). At most localities the gold values averaged considerably less than the higher grade Saddle Gully zone. Although a few values (10%) are greater than 1000 ppb, about 30% fall between 100 and 1000 ppb and more than 60% are less than 100 ppb. The results indicate that although high gold values occur within the magnetite-rich skarn zones, not all of the skarns are gold-rich and mineralization is sporadic, at best.

Elsewhere, isolated pyritic zones (described earlier) occurring in both the augite porphyry and andesite units have no indicated gold enrichment whatsoever and thus, have no apparent economic potential. However, some malachite-stained copper-bearing zones which underlie the skarn at several localities appear to have some degree of gold enrichment and perhaps reflect a genetic relationship between gold and copper.

REFERENCES

Bradley, M.D., 1984. Geological Compliation Report on the Kliyul Creek, B.C. Cu-Au Play. Unpublished BP-Selco Report.

Carter, N.C., 1983. Report on Soup and Klisum Mineral Claim Groups of Vital Resources Limited, Omineca Mining Division, British Columbia, Unpublished company report.

McTaggert, K.C., 1965. Geology of the Soup Mineral Claims, Nos. 1 to 10 and Soup Fraction, B.C.D.M. Assessment Report No. 675.

Monger, J.W.H., 1977. The Triassic Takla Group in McConnell Creek Map-Area, North Central British Columbia, G.S.C. paper 76-29.

Sinclair, A.J., 1975. A Mineralographic Study of Surface and Drill Core Specimens from the Soup Group of Claims and its Importance to Beneficiation. B.C.D.M. Assessment Report No 5562.

APPENDIX 1

GEOCHEMICAL PREPARATION AND ANALYTICAL PROCEDURES

VANGEOCHEM LAB LTD.
1521 Pemberton Ave.
North Vancouvelr, B.C.
V7P 2S

RECEIVED
NOV 2 8 1984
SELCO - BP EXPLORATION
VANCOUVER, B.C.

TO: Dr. Stan Hoffman
BP - Selco Mining
Suite 700 - 890 West Pender Street
Vancouver, B.C. V6C 1K5

FROM: Vangeochem Lab Ltd.
1521 Pemberton Ave.
North Vancouver, B.C. V7P 2S3

SUBJECT: Analytical procedure used to determine elements in hot acid soluble by Induction Couple Plasma Spectrometer (ICP) analysis.

1. Method of Sample Preparation

(a) Geochemical soil, silt or rock samples were received in the laboratory in wet-strength 4" x 6" Kraft paper bags or rock samples sometimes in 8" x 12" plastic bags.

(b) The dried soil and silt samples were sifted by hand using a 8" diameter 80-mesh stainless steel sieve. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.

(c) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method of Digestion

(a) 0.500 gram of -80 mesh sample was used.

(b) Samples were digested in a hot water bath with conc. HNO_3 and conc. HCl acids.

(c) The digested samples were diluted to a fixed volume and shaken well.

3. Method of Analysis

The ICP analyses elements were determined by using Jarrel Ash, model 885. Direct reading emission spectrograph of a inductive coupled plasma excitation source. All major matrix and trace elements are interelement corrected to trace elements. All data is entered into Apple II plus, stored on floppy disks,and printed by Epson 100.

4. The analyses were supervised by Mr. Dean Toye and Mr. Conway Chun of Vangeochem Lab Ltd. and their staff.

Conway Chun
VANGEOCHEM LAB LTD.

VANGEOCHEM LAB LTD.
1521 Pemberton Ave.
North Vanvouver,B.C.
V7P 2S3

TO: Dr. Stan Hoffman
BP - Selco Mining
Suite 700 - 890 West Pender Street
Vancouver, B.C. V6C 1K5

FROM: Vangeochem Lab Ltd.
1521 Pemberton Ave.
North Vancouver, B.C. V7P 2S3

SUBJECT: Analytical procedure used to determine gold by fire-assay method and detected by atomic absorption spec. in geological samples.

1. Method of Sample Preparation

(a) Geochemical soil, silt or rock samples were received in the laboratory in wet-strength 4" x 6" Kraft paper bags or rock samples sometimes in 8" x 12" plastic bags.

(b) The dried soil and silt samples were sifted by hand using a 8" diameter 80-mesh stainless steel sieve. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.

(c) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method of Extraction

(a) 20.0 - 30.0 grams of the pulp samples were used. Samples were weighed out by using a top-loading balance into fusion pot.

(b) A Flux of litharge, soda ash, silica, borax, flour, or potassium nitrite is added, then fused at 1900 degrees F and a lead button is formed.

(c) The gold is extract by cupellation and part with diluted nitric acid.

(d) The gold bead is saved for measurement later.

3. Method of Detection

(a) The gold bead is disolved by boiling with sodium cyanide, hydrogen peroxide and amonium hydroxide.

(b) The gold analyses were detected by using a Techtron model AA5 Atomic Absorption Spectrophotometer with a gold hollow cathode lamp. The results were read out on a strip chart recorder. The gold values in parts per billion were calculated by comparing them with a set of gold standards.

4. The analyses were supervised or determined by Mr. Conway Chun or Mr. David Chiu and his laboratory staff.

for David Chiu
VANGEOCHEM LAB LTD.

VANGEOCHEM LAB LTD.
1521 Pemberton Ave.
North Vancouver, B.C.
V7P 2S3

TO: Dr. Stan Hoffman
BP - Selco Mining
Suite 700 - 890 West Pender Street
Vancouver, B.C. V6C 1K5

FROM: Vangoechem Lab Ltd.
1521 Pemberton Ave.
North Vancouver, B.C. V7P 2S3

SUBJECT: Analytical procedure used to determine Aqua Regia soluble gold in geochemical samples

1. Method of Sample Preparation

(a) Geochemical soil, silt or rock samples were received in the laboratory in wet-strength 4" x 6" Kraft paper bags or rock samples sometimes in 8" x 12" plastic bags.

(b) The dried soil and silt samples were sifted by hand using a 8" diameter 80-mesh stainless steel sieve. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.

(c) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method of Digestion

(a) 5.00 - 10.00 grams of the minus 80-mesh samples were used. Samples were weighed out by using a top-loading balance into beakers.

(b) 20 ml of Aqua Regia (3:1 HCl : HNO3) were used to digest the samples over a hot plate vigorously.

(c) The digested samples were filtered and the washed pulps were discarded and the filtrate was reduced to about 5 ml.

(d) The Au complex ions were extracted into diisobutyl ketone and thiourea medium. (Anion exchange liquids "Aliquot 336").

(e) Separate Funnels were used to separate the organic layer.

3. Method of Detection

The gold analyses were detected by using a Techtron model AA5 Atomic Absorption Spectrophotometer with a gold hollow cathode lamp. The results were read out on a strip chart recorder. A hydrogen lamp was used to correct any background interferences. The gold values in parts per billion were calculated by comparing them with a set of gold standards.

4. The analyses were supervised or determined by Mr. Conway Chun or Mr. Eddie Tang and his laboratory staff.

for [signature]
Eddie Tang
VANGEOCHEM LAB LTD.

APPENDIX 2

LIST OF ANALYTICAL DATA

SOUP CLAIMS

REANALYSIS OF ROCK CHIP SAMPLES >1000 ppb Au
(By Fire Assay - Atomic Absorption Finish)

Sample #	Length (m)	ANALYSIS 20 gm Geochem Sample FA-AA ANALYSIS	REANALYSIS Average of two 20 gm Samples FA-AA ASSAY
852002	0.4	2359	2550
852004	0.2	4700	5600
852006	3.0	3600	3950
852009	2.0	1050	1050
852010	1.5	7340	8500
852505	2.0	3250	3900
852507	5.0	4100	4600
852515	5.0	1360	1550
852516	3.5	15560	13500
852517	1.0	20640	23550
852542	3.0	2025	1850
852543	3.0	1750	1800
852544	3.0	1700	1650
853517	4.0	3750	4250
853524	3.0	2750	3100
853525	5.0	1750	1900
853526	5.0	3450	2900
853529	5.0	1675	1300
853530	1.5	60850	62300
853539	2.5	2950	3050
853547	3.0	3515	3650
853549	3.0	1975	2100
853564	3.0	1900	2200
853565	3.0	1400	1600

Sample #	Length (m)	ANALYSIS 20 gm Geochem Sample FA-AA ANALYSIS	REANALYSIS Average of two 20 gm Samples FA-AA ASSAY
854153	5.0		
854159	2.5	7800	8500
854163	5.0	1270	500
854176	3.0	2400	2300
854177	3.0	1450	1400
854179	3.0	1500	1550
854182	3.0	3475	3400
854183	3.0	1220	1450
854184	3.0	2325	2300

ROCKS

ROCK SAMPLE ANALYSES

SELECTION # 1

SAMPLE TYPE(S) 80/81/82/83
BEDROCK TYPE(S) ALL
SOIL HORIZON(S) ALL
SAMPLE TEXTURE(S) ALL
OVERBURDEN ORIGIN(S) ALL
LABORATORY-SIZE FRACTION-EXTRACTION(S) ALL
PAIR STATUS ALL

REC#		SMPL#										MO	CU	PB	ZN	NI	U	MN	FE	AG
1	8184555	852001		94D08	31	129DGY	42	MGYT222		49	LC	3	6753	9	38	33	5	428	3.97	1.3
2	8184555	852002	Q	94D08	31	136LOB	4	WH T11				17	87	7	12	11	5	154	4.88	1.4
3	8384555	852003	Q	94D08	17	136LOB	41	WH T15				3	51	3	20	5	5	120	4.55	.5
4	8184555	852004	M	94D08	31	129 GR	33	LGRT222	CU			32	9978	4	35	20	5	653	8.31	5.2
5	8184555	852005	Q	94D08	31	136LOB	3	WH T11	CU			4	4497	5	24	10	5	322	2.11	1.9
6	8184555	852006	I	94D08	31	136MOB	31	MGYT123		45		6	559	15	60	36	5	542	15.5	1.1
7	8184555	852007		94D08	31	139MGR	32	MGGT123		45	CL	2	2038	11	66	65	5	1298	6.84	.5
8	8184555	852008		94D08	31	129MGR	32	MGGT123			CL	1	1995	5	32	43	5	494	4.62	.7
9	8184555	852009		94D08	31	136MOB	42	LGRT123	CU	45	L	1	2187	4	43	28	5	566	7.35	2
10	8184555	852010		94D08	31	136MOB	31	MGYT123		45		4	742	11	54	39	11	507	13.866.4	
11	8184555	852011		94D08	31	136DOB	31	MGYT123		45	L	79	620	12	80	62	5	1062	12.99.7	
12	8184555	852012	I	94D08	31	136DOB	31	LGRT123				1	216	4	13	5	6	87	7.03	.4
13	8184555	852501		94D08	32	631MRB	43	LRBT217		9		29	905	5	65	35	5	852	14.571.2	
14	8184555	852502		94D08	32	52 MBR	4	MBRT212		9	EC	1	175	1	52	32	5	782	5.1	.5
15	8184555	852503		94D08	31	52 MGR	22	MGRT212	MAAZ	9	ECL	1	168	1	27	39	5	559	2.88	.6
16	8184555	852504		94D08	31	52 MGR	22	MGRT212	MAAZ	9	ECL	1	148	1	31	32	5	668	4.28	.5
17	8184555	852505		94D08	31	321MOB	44	MOBT212	FE	9		808	2007	9	24	6	5	136	23.347.7	
18	8184555	852506		94D08	31	531MRB	43	DGRT227	FE	94	CEL	2	108	9	46	20	5	812	5.09	.2
19	8184555	852507		94D08	31	531MBR	43	MGRT222		9	EL	98	566	13	61	28	5	634	17.031.4	
20	8184555	852508		94D08	31	531MBR	43	MGRT222		9	CE	5	364	7	48	35	5	721	9.74	.8
21	8184555	852509		94D08	31	531MBR	43	MGRT222		9	CE	2	539	6	28	28	5	443	3.78	.2
22	8184555	852510		94D08	31	531MBR	43	MGRT222	CPPYFE	9	CQE	1	608	5	45	34	5	909	5.8	.5
23	8184555	852511		94D08	31	526MBR	32	MGRT222				3	406	7	51	14	5	816	7.15	.5
24	8184555	852512		94D08	31	526MBR	32	MGRT2				1	308	2	38	11	5	610	2.59	.2
25	8184555	852513		94D08	31	526MOB	22	LGRT2				4	240	5	26	18	5	364	3.16	.4
26	8184555	852514		94D08	31	526MOB	22	MGRT224				1	96	3	29	9	5	364	3.43	.1
27	8184555	852515		94D08	32	445MBR	33	MGRT222	FE	9	L	4	693	6	44	21	5	697	8.46	.4
28	8184555	852516		94D08	32	431MOB	33	MBKT222	FE	9	Q	13	959	8	37	14	5	489	12.151.3	
29	8184555	852517		94D08	32	431MOB	33	MBKT222	FE	9	QE	66	749	14	23	6	5	112	18.837.8	
30	8184555	852518		94D08	32	43 MGR	33	MGR	FE			2	271	1	32	6	5	592	2.51	.1
31	8184555	852519		94D08	32	42 MBR	33	MGY 123	CU			5	505	2	13	11	5	153	4.27	.1
32	8184555	852520		94D08	32	42 MBR	33	MGY 123	CU			2	267	2	23	8	5	212	4.41	.2
33	8184555	852521		94D08	31	52 MBR		LGY 123				2	276	1	11	7	5	118	1.71	.1
34	8184555	852522		94D08	31	52 MBR		LGY 123				1	228	3	20	6	5	158	4.94	.2
35	8184555	852523		94D08	31	52 MBR		DGR 222				1	206	5	23	14	5	162	5.58	.3
36	8184555	852524		94D08	31	42 MBR		DGR	FE	9		1	214	4	23	7	5	161	7.9	.3
37	8184555	852525		94D08	31	2 MBR	11	DGRT222				1	70	1	37	72	5	433	2.55	.1
38	8184555	852526		94D08	31	26MBR	11	LBRT223	FE			1	107	2	30	11	5	238	3.2	.1
39	8184555	852527		94D08	31	2 MBR	11	DGRT22	FE	9	E	1	7	4	26	31	5	303	2.58	.1

40	8184555	852528	94D08	31	2 MBR	11	DGRT223		9	E	1	85	1	33	12	5	407	2.7	.1
41	8184555	852529	94D08	31	2 MBR	11	LGYT223	FE			1	503	7	28	7	5	293	15.741.2	
42	8184555	852530	94D08	31	2 MBR	11	LGYT123				1	1039	3	13	5	5	227	1.07	.1
43	8184555	852531	94D08	31	2 MBR	11	LGYT123				1	668	4	18	8	5	370	1.35	.1
44	8184555	852532	94D08	31	2 MBR	11	LGYT123				1	319	3	16	10	5	259	3.91	.2
45	8184555	852533	94D08	31	3 MBR	32	MGYT165		9	ECQ	1	217	3	25	8	5	528	1.86	.1
46	8184555	852534	94D08	31	52 MBR	33	LGRT22	FE	9	Q	1	45	5	58	7	5	862	3.73	.5
47	8184555	852535	94D08	31	52 MBR	33	LGRT22	FE	9	Q	2	198	8	72	6	5	425	3.66	.3
48	8184555	852536	94D08	31	26MGY	22	LGYR165				2	322	1	6	3	5	63	1	.1
49	8184555	852537	94D08	36	26MGY	22	MWHT165				1	220	2	12	4	5	117	1.13	.1
50	8184555	852538	94D08	36	26MGY	22	MWHT165				1	320	6	35	5	5	223	4.38	.3
51	8184555	852539	94D08	34	26MGY	22	MWHT165				1	271	1	8	2	5	206	1.36	.1
52	8184555	852540	94D08	34	645MBK	11	MBKT	FE	9	Q	1	714	23	42	3	5	195	38.131.7	
53	8184555	852541	94D08	34	645MBK	11	MBKT	FE	9	Q	2	646	16	45	3	5	205	31.891.5	
54	8184555	1852542	94D08	32	3 MGY	33	T	FE	9	LE	1	1579	15	60	5	5	250	22.3	2.1
55	8184555	2852543	94D08	32	3 MGY	33	T	FE	9	LE	3	1887	17	61	6	5	261	19.471.8	
56	8184555	852544	94D08	32	639DGY	22	DGYT	CUFE	49		2	1542815		109	3	5	438	26.591.7	
57	8184555	852545	94D08	32	639DGY	22	T22	CUFE	9	Q	2	4483	16	71	3	5	308	27.5	1.1
58	8184555	852546	94D08	36	636MBR	3	LGYT224	FE	9	Q	1	625	1	17	14	5	182	2.62	.1
59	8184555	852547	94D08	35	126MBR	4	LGYT224	FE	9	E	1	290	1	27	13	5	251	2.06	.1
60	8184555	852548	94D08	32	126DGY	2	MGYT224		9	E	1	89	3	21	20	5	253	2.18	.1
61	8184555	852549	94D08	32	126DGY	2	MGYT224	FE	9	E	1	101	3	14	6	5	133	1.85	.1
62	8184555	852550	94D08	32	126MBR	2	MGTT224		9	E	1	97	4	44	17	5	589	3.49	.1
63	8184555	852551	94D08	42	126MBR	2	MGYT224				1	104	5	38	15	5	456	3.15	.1
64	8184555	852552	94D08	42	126MBR	2	MGYT22	FE	9	E	1	87	1	26	13	5	344	2.8	.1
65	8184555	852553	94D08	31	13 MBR	3	MGYT224	FE			1	33	6	28	10	5	380	2.68	.2
66	8184555	852554	94D08	31	13 MBR	3	MGYT224	FE			1	49	1	27	7	5	317	2.38	.3
67	8184555	852555	94D08	37	635DBR	2	MGYT224				3	62	5	11	3	5	88	2.33	.2
68	8184555	852556	94D08	31	635MRB	2	MGYT224				5	69	1	12	9	5	69	1.85	.3
69	8184555	852557	94D08	31	635MRB	1	BK T2				31	182	18	58	178	5	489	23.62.8	
70	8184555	852558	94D08	31	135DRB	1	BK T2	FECU	9	Q	11	973	17	68	196	5	338	29.196.7	
71	8184555	852559	94D08	3	MBR	2	T2				3	656	17	37	32	5	332	22.391.1	
72	8184555	852560	94D08	3	MBR	2	T2				2	5133	5	75	27	5	592	5.81	2.5
73	8184555	852561	94D08	3	MBR	2	T2				15	6337	12	58	30	5	546	14.361.1	
74	8184555	852562	94D08	3	MBR	2	T2				1	2146	3	51	13	5	381	6.22	1.4
75	8184555	852563	94D08	31	135DRB	3	T2				1	128	1	26	3	5	240	2.1	.1
76	8184555	852564	94D08	-2	135MBR	3	T2				1	22	3	33	3	5	267	2.22	.1
77	8184555	852565	94D08	-2	135MBR	3	T2				1	3857	1	73	26	5	611	8.69	2.9
78	8184555	852566	94D08	-2	135MBR	3	T2	FE			6	3755	17	65	44	5	501	31.441	
79	8184555	852567	94D08	31	135DRB	1	BKT2	FECU	9	Q	14	355	18	41	372	5	382	23.51.6	
279	8184555	853501	94D08	31	53 DGR	32	DGR 212		6	L	1	260	1	64	55	5	819	4.54	.6
280	8184555	853502	94D08	33	12 DGY	32	MGGT212			C	1	140	4	44	55	5	604	3.85	.4
281	8184555	853503	94D08	31	53 DGR	32	DGR 212		9	EL	1	294	5	67	14	5	755	4.87	.5
282	8184555	853504	94D08	33	12 DGY	32	MGGT212			EQC	1	258	2	57	28	5	757	4.72	.7
283	8184555	853505	94D08	31	53 DGR	22	DGR 212		9	ELC	1	114	2	43	24	5	723	4.44	.5
284	8184555	853506	94D08	33	126DGY	32	MGGT212			QC	1	128	2	39	23	5	597	3.04	.5
285	8184555	853507	94D08	32	43 DGR	22	DGR 212		9	ELC	1	114	1	45	29	5	476	2.97	.5
286	8184555	853508	94D08	33	126DGY	32	MGGT212			C	1	102	3	48	29	5	509	3.16	.3
287	8184555	853509	94D08	32	43 DGR	22	DGR 21		9	E	1	82	1	56	33	5	620	4.13	.5
288	8184555	853510	94D08	33	126DGY	32	MGGT212			C	27	470	4	31	37	5	362	7.96	.7
289	8184555	853511	94D08	33	12 MGY	32	MGGT212		40	E	2	227	1	36	19	5	443	3.03	.4

290	8184555	853512		94D08	33	126DGY	32	MGGT212		4C	EQ	9	414	5	46	18	5	676	7.24 .9
291	8184555	853513		94D08	33	12 DGY	32	MGGT212		4C	E	1	146	1	36	18	5	648	4.07 .5
292	8184555	853514		94D08	33	126MGB	32	MGGT212		C	EQ	2	188	1	20	21	5	341	2.52 .2
293	8184555	853515		94D08	33	126MGY	42	MGYT212		4C3	CEQ	2	423	5	41	20	5	687	3.19 .1
294	8184555	853516		94D08	33	126MGY	42	MGYT212		C4	EQC	1	131	2	43	23	5	672	3.96 .1
295	8184555	853517		94D08	33	126MOL	32	MORT212		C4		89	473	8	42	25	5	517	12.39.9
296	8184555	853518		94D08	33	121MGY	42	MGYT212		C4	EQC	22	364	8	50	32	5	842	10.45.2
297	8184555	853519		94D08	33	121DGY	42	MGYT212		C	EQC	1	74	4	26	29	5	493	3.17 .1
298	8184555	853520		94D08	33	121MBR	32	MGYT212		C4	EC								
299	8184555	853521		94D08	33	12 MGY	32	MGYT212		C	QCE	1	351	6	37	25	5	756	5.85 .1
300	8184555	853522		94D08	33	121MBR	31	MGYT				5	335	2	25	25	5	377	4.57 .1
301	8184555	853523		94D08	33	121MGY	31	MGYT224				3	158	3	24	23	5	317	3.26 .1
302	8184555	853524		94D08	33	121DGY	31	MGYT212	FE	4		6	579	8	64	18	5	935	11.19.3
303	8184555	853525		94D08	33	121DGY	31	MGYT212	FE			3	690	6	53	20	5	785	9.78 .3
304	8184555	853526		94D08	33	121DGY	31	MGYT212	FE	94	E	8	1257	5	53	24	5	825	9.96 .5
305	8184555	853527		94D08	33	121DGY	32	MGYT212		4		5	561	2	35	26	5	553	4.86 .1
306	8184555	853528		94D08	33	121DGY	42	MGYT212		4		6	699	6	45	25	5	773	6.46 .2
307	8184555	853529		94D08	33	121DGY	32	MGYT212		4		11	1098	3	51	14	5	758	7.06 1.3
308	8184555	853530	0	94D08	33	126DGY	41	DGYT212		4	QC	57	2274	22	31	7	5	294	24.825.5
309	8184555	853531		94D08	33	12 DGY	32	MGGT212		C	E	1	176	1	15	13	5	193	1.71 .1
310	8184555	853532		94D08	33	12 DGY	32	MGGT212		C	E	1	26	1	15	11	5	177	1.3 .1
311	8184555	853533		94D08	33	12 MGY	32	MGGT212		C	EQ	1	79	3	29	31	5	361	2.91 .1
312	8184555	853534		94D08	33	126MGY	32	MGGT212		C	E	1	41	3	46	12	5	519	3.07 .1
31[illegible]	[illegible]184555	853535		94D08	3	6DGY	31	MGYT212			E	1	112	1	31	16	5	429	4.14 .1
3[illegible]	[illegible]184555	853536		94D08	33	12 DGY	32	MGYT212			E	1	15	5	28	12	5	307	3.43 .1
315	8184555	853537		94D08	33	12 DGY	32	MGYT212		C	E	1	570	3	29	12	5	267	3.05 .3
316	8184555	853538		94D08	33	12 DGY	21	MGYT212			EQ	1	23	4	31	8	5	314	3.18 .3
317	8184555	853539		94D08	33	126MGY		MGYT123		4		2	3780	18	49	29	5	364	27 3.4
318	8184555	853540		94D08	33	126MBR		MGYT123				1	90	2	43	25	5	748	4.36 .1
319	8184555	853541		94D08	33	126MBR	32	MGYT123		C	E	1	301	2	12	4	5	132	2.09 .5
320	8184555	853542		94D08	33	121MBR	32	MGYT123		C4	E	1	184	4	29	43	5	597	4.52 .4
321	8184555	853543		94D08	33	121MBR	32	MGYT123		C	EQ	1	87	3	42	59	5	797	4.24 .3
322	8184555	853544		94D08	33	121MBR	32	MGYT123		C	EQ	1	41	1	24	38	5	329	2.11 .2
323	8184555	853545		94D08	33	12 MBR	32	MGYT123	FE	C	E	1	1268	2	16	4	5	519	2.23 .2
324	8184555	853546		94D08	33	121MBR	32	MGYT123	FE	C		1	2605	2	32	9	5	521	7.3 .7
325	8184555	853547		94D08	33	121DRE	32	DRET123	FE		QC	1	1807	12	66	6	5	594	30.2 5
326	8184555	853548		94D08	33	121DRE	32	DRET123	FE		QC	1	4337	5	48	12	5	586	10.481.4
327	8184555	853549		94D08	33	121DRE	32	DRET123	FE			1	979	27	51	8	5	558	30.853.1
328	8184555	853550		94D08	33	12 LGY	32	MGYT22?		9	Q	1	50	8	50	6	5	731	3.77 .2
329	8184555	853551		94D08	33	126MBR	32	MGYT22?	FE	9	Q	2	88	13	103	7	5	331	2.68 .4
330	8184555	853552		94D08	33	126MBR	32	MGYT22?	FE	9	Q	1	78	2	75	6	5	661	3.27 .6
331	8184555	853553		94D08	33	126MGY	32	MGYT22	FE	9	QC	3	82	58	189	4	5	126	2.7 1.4
332	8184555	853554		94D08	33	12 MGY	31	MGRT22		9C	QC	1	22	4	70	3	5	803	2.64 .1
333	8184555	853555		94D08	33	12 MGY	32	LGRT		9C		1	504	2	16	3	5	158	1.3 .1
334	8184555	853556		94D08	33	12 MGY	32	LGRT222				1	367	3	24	9	5	216	1.84 .2
335	8184555	853557		94D08	33	121MGY	32	MGRT222				1	324	6	12	4	5	115	.92 .2
336	8184555	853558		94D08	33	126MRB	31	MGRT22?			C	1	498	3	15	2	5	134	1.31 .2
337	8184555	853559		94D08	33	126MRB	31	WT T22?			EC	1	638	5	25	3	5	186	2.33 .2
33[illegible]	[illegible]184555	853560		94D08	33	126MRB	31	T22?			E	2	449	5	10	2	5	111	1.85 .4
33[illegible]	[illegible]4555	853561		94D08	3							11	645	3	7	1	5	76	1.83 .6
340	8184555	853562		94D08	3							1	79	3	24	7	5	269	2.52 .3

341	8184555	853563	94D08	32	131DRB	4	MDKT	FE	9	0	20	909	7	64	21	5	319	29.091.4
342	8184555	853564	94D08	32	131DRB	4	MBKT	FE	9	0	99	1346	22	96	38	5	307	30.663.5
343	8184555	853565	94D08	31	131DRB	4	MBKT	FE	94	0	11	589	26	74	20	5	251	30.423.5
344	8184555	853566	94D08	31	131DRB	4	MBKT223	FE	94	0	1	513	19	39	11	5	308	30.681
345	8184555	853567	94D08	32	139DRB	4	MBKT223	FECU	9	E0	1	596	11	44	14	5	362	15.53.5
346	8184555	853568	94D08	36	139DRB	4	MBRT223	FECU	9	E0	9	2436	8	71	14	5	416	11.991.3
347	8184555	853569	94D08	35	139MBR	3	MGRT223	FECU	9	E0	6	5111	7	83	12	5	403	6.09 .3
348	8184555	853570	94D08	33	12 MBR	3	MGRT223		9	EL	3	2320	4	58	10	5	336	14.89.8
349	8184555	853571	94D08	33	129MBR	2	MGRT223		9	EL	1	2620	3	48	12	5	464	2.32 .1
350	8184555	853572	94D08	33	125MBR	2	MGRT227	FE	9	EL	1	1763	4	53	11	5	526	4.02 .1
351	8184555	853573	94D08	33	125MBR	2	MGRT227		9	EL	1	152	6	40	4	5	378	2.39 .2
352	8184555	853574	94D08	33	12 MBR	2	MGRT223		9	EL	1	110	1	48	6	5	494	2.53 .2
353	8184555	853575	94D08	32	13 MBR	2	MGRT223		9	EL	1	24	4	44	5	5	416	2.29 .2
354	8184555	853576	94D08	32	13 MBR	2	MGRT223		9	EL	1	30	2	35	5	5	373	2.78 .1
355	8184555	853577	94D08	32	13 MBR	2	MGRT22		9	EL	1	8	3	43	8	5	448	2.31 .2
356	8184555	853578	94D08	36	13 MBR	2	MGRT223		9	EL	1	43	1	55	61	5	776	4.05 .2
357	8184555	853579	94D08	32	13 MBR	2	DGRT22		9	EL	1	50	8	39	28	5	372	2.33 .1
389	8184555	853931	94D08	33	126DRE	42	LGGT223		94	QLC	3	20	9	95	9	5	473	5.22 .3
390	8184555	853932	94D08	33	126MRB	32	MGYT223		9	QL	2	29	7	36	7	5	379	3.68 .2
391	8184555	853933	94D08	33	126MRB	32	MGGT223		9	QLC	2	106	6	26	6	5	284	3.79 .3
392	8184555	853934	94D08	33	126MGY	31	LGYT123PF		9	Q	1	64	3	48	7	5	677	3.35 .1
393	8184555A	854001	94D08	33	12 LGY	32	MGYT222		C		1	27	5	61	13	5	738	2.73 .1
394	8184555	854002	94D08	33	12 LGY	31	MGYT222		C		1	24	7	65	9	5	672	2.5 .1
395	[illegible]184555	854003	94D08	33	12 LGY	32	MGYT222		C4		1	17	5	65	9	5	769	2.51 .1
39[illegible]	[illegible]84555	854004	94D08	33	12 LGY	32	MGYT223		C		1	19	3	77	6	5	827	2.55 .1
397	8184555	854005	94D08	33	12 LGY	32	MGYT223		C		1	37	1	63	8	5	944	2.66 .1
398	8184555	854006	94D08	33	12 LGY	32	MGYT223		C		1	20	4	73	8	5	796	2.68 .1
399	8184555	854007	94D08	33	12 LGY	32	MGYT223		C		1	36	2	57	25	5	665	2.65 .1
400	8184555	854008	94D08	33	12 LGY	31	MGYT223		C4		1	75	6	72	32	16	1047	4.12 .1
401	8184555	854009	94D08	33	12 LGY	32	MGYT223		C4		2	38	6	62	32	15	1031	3.7 .1
402	8184555	854010	94D08	33	12 LGY	31	MGYT223		C		1	43	6	71	15	5	1011	3.28 .1
403	8184555	854011	94D08	33	12 LGY	32	MGYT223		C	E	1	30	5	66	16	5	825	3.12 .1
404	8184555	854012	94D08	33	12 LGY	32	MGYT223		C6		1	43	5	83	15	5	1063	3.54 .1
405	8184555	854013	94D08	33	12 LGY	32	MGYT223		C		1	32	8	116	15	5	1018	3.24 .3
406	8184555	854014	94D08	33	12 LGY	31	MGYT223		C		1	32	1	146	7	5	868	2.52 .1
407	8184555	854015	94D08	33	12 LGY	32	MGYT223		C		2	33	9	180	8	5	955	2.61 .1
408	8184555	854016	94D08	33	12 LGY	31	MGYT223		C		1	51	5	116	5	5	754	2.91 .1
409	8184555	854017	94D08	33	12 LGY	32	MGYT223		C		1	56	5	91	8	5	690	3.07 .1
410	8184555	854018	94D08	33	12 LGR	42	MGYT223		C4		1	42	3	93	6	5	866	3.01 .1
411	8184555	854019	94D08	33	12 LGR	32	MGYT223		C4		1	35	2	77	40	5	766	2.88 .1
412	8184555	854020	94D08	33	12 LBR	42	LGYT223		C4		2	23	7	40	7	5	474	3.38 .1
413	8184555	854021	94D08	33	126LGY	32	MGYT223		C4	Q	1	24	4	48	10	5	591	4.07 .1
414	8184555	854022	94D08	33	126LBR	42	MGGT223		C4		1	51	6	55	91	11	1145	3.66 .1
415	8184555	854023	94D08	33	126LGY	32	MGYT223		C4		1	35	5	57	58	5	1020	3.83 .1
416	8184555	854024	94D08	33	12 LGY	31	MGYT223		C		1	37	4	62	37	5	1040	4.18 .1
417	8184555	854025	94D08	33	12 LGY	31	MGYT223		C		1	39	5	75	32	5	1094	3.74 .1
418	8184555	854026	94D08	33	12 LGY	31	MGYT223		C		2	56	6	80	9	5	651	3.8 .1
419	8184555	854027	94D08	33	126LGY	32	MGYT223		C		1	57	5	72	4	5	554	3.83 .1
420	[illegible]184555	854028	94D08	33	12 LBR	31	LGYT223		C		1	25	6	52	7	5	544	3.48 .1
42[illegible]	[illegible]84555	854029	94D08	33	12 LGY	32	LGYT223		C4		2	55	8	73	14	5	661	4.28 .2
422	8184555	854030	94D08	33	12 LBR	31	MGYT223		C		1	52	4	84	9	5	904	3.73 .1

423	8184555	854031	94D08	33	126LGY	32	MGYT223	C4		1	70	7	112	10	5	1110	4.49	.3
424	8184555	854032	94D08	31	126MGB	32	MGYT223	C		2	33	8	123	7	5	770	5.21	.1
425	8184555	854033	94D08	33	126MOR	42	MGYT223	C4		1	62	8	139	6	5	956	4.35	.2
426	8184555	854034	94D08	31	126MOB	32	MGYT223	C	E	1	47	5	89	7	5	933	4.86	.1
427	8184555	854035	94D08	33	126MOR	42	MGYT223	C4		1	41	7	89	6	5	1036	3.68	.1
428	8184555	854036	94D08	31	126MOB	42	MGYT223	C4	E	1	36	7	66	11	5	675	3.31	.2
429	8184555	854037	94D08	33	126LGY	42	MGYT223	C4	E	1	39	2	67	5	5	758	3.81	.1
430	8184555	854038	94D08	31	126LOB	42	LGYT223	C4	E	1	35	5	69	6	5	639	3.89	.1
431	8184555	854039	94D08	31	126LGY	32	LGYT223	C4		1	35	3	69	6	5	856	3.14	.1
432	8184555	854040	94D08	31	126MGY	32	MGYT223	C		1	41	6	67	7	5	948	3.06	.1
433	8184555	854041	94D08	33	126MGY	32	MGYT223	C		1	35	5	76	6	5	1088	3.22	.1
434	8184555	854042	94D08	33	126LBR	32	MGYT223	C		1	27	5	56	17	5	864	3.83	.1
435	8184555	854043	94D08	33	12 LGY	32	MGYT223	C	E	1	33	7	56	6	5	858	3.5	.1
436	8184555	854044	94D08	33	126LGY	31	MGYT223	C		2	26	4	52	8	5	678	3.86	.2
437	8184555	854045	94D08	33	126LGY	21	MGYT223	C		1	41	2	67	7	5	843	3.39	.1
438	8184555	854046	94D08	33	12 LGY	21	MGYT223	C		1	52	2	65	8	5	774	3.04	.1
439	8184555	854047	94D08	33	126LGY	22	MGYT223	C	E	1	49	3	60	13	5	698	3.71	.1
440	8184555	854048	94D08	33	12		T223	C	E	2	43	3	64	8	5	788	3.15	.1
441	8184555	854049	94D08	33	12		T223	C	E	1	42	1	52	8	5	600	2.71	.1
442	8184555	854050	94D08	33	126LBR	11	MGYT223	C	EL	1	49	1	50	6	5	522	3	.1
443	8184555	854051	94D08	33	12 LGY	12	LGNT223	C	EL	1	49	3	54	8	5	645	2.97	.1
444	8184555	854052	94D08	33	126LBR	11	LGYT223	C	EL	1	36	4	52	7	5	595	2.92	.1
445	8184555	854053	94D08	33	126LGY	11	LGYT223	C	EL	1	36	1	47	14	5	524	2.69	.1
44[illegible]	[illegible]184555	854054	94D08	33	126LGY	21	LGYT223	C	E	1	20	2	41	28	5	581	2.33	.1
4[illegible]	[illegible]184555	854055	94D08	33	12 LGB	42	MGGT223	C4	E	4	40	3	48	137	10	969	3.56	.1
448	8184555	854056	94D08	33	126LBR	43	LGGT222	C46	EL	3	30	4	37	48	9	595	1.84	.6
449	8184555	854057	94D08	33	12 LGG	22	MGGT223	C	E	1	5	2	69	6	5	582	3.29	.1
450	8184555	854058	94D08	33	12 LGY	22	MGYT223	C	E	1	10	3	42	5	5	399	3.48	.1
451	8184555	854059	94D08	33	12 LGY	22	MGYT223	C	E	1	10	1	40	6	5	356	3.06	.1
452	8184555	854060	94D08	33	12		T223	C		1	41	1	77	6	5	550	3.58	.1
453	8184555	854061	94D08	33	12		T223	C		1	27	1	62	5	5	446	3.08	.1
454	8184555	854062	94D08	33	12		T223	C		1	49	2	38	6	5	465	3.15	.1
455	8184555	854063	94D08	33	12 LGY	32	MGYT223	C		1	116	2	53	64	5	679	4.12	.1
456	8184555	854064	94D08	33	12 LGY	32	MGYT223	C		1	39	2	49	24	5	619	4.15	.1
457	8184555	854065	94D08	33	12 LGY	22	LGNT223		EL	1	17	1	35	6	5	476	2.95	.1
458	8184555	854066	94D08	33	12 LGY	22	LGNT223		EL	1	14	4	38	6	5	527	3.27	.1
459	8184555	854067	94D08	33	12 LGY	32	LGNT223		EL	1	27	3	41	5	5	444	3.24	.1
460	8184555	854068	94D08	33	12 LGY	32	LGNT223		EL	1	33	4	32	36	5	518	3.06	.1
461	8184555	854069	94D08	33	12 LGY	22	LGNT223		EL	1	22	3	35	9	5	485	3.58	.1
462	8184555	1854070	94D08	33	126LGB	22	LGGT123	C	E	1	103	1	28	18	5	404	2.13	.1
463	8184555	2854071	94D08	33	126LGB	22	LGGT123	C	E	1	113	2	30	15	5	372	2.29	.1
464	8184555	854072	94D08	33	12 LGY	32	LGGT123	C	E	1	108	2	29	14	5	298	2.65	.1
465	8184555	854073	94D08	33	126LBR	22	MGYT123	C	E	1	79	2	28	14	5	352	3.02	.1
466	8184555	854074	94D08	33	126LBR	22	MGYT123		E	1	87	3	33	16	5	416	2.9	.1
467	8184555	854075	94D08	33	126LGY	32	MGYT123	C		1	211	4	42	29	5	720	3.52	.1
468	8184555	854076	94D08	33	126LGY	32	MGYT123	C		1	79	3	32	16	5	410	2.46	.1
469	8184555	854077	94D08	33	126LGY	32	MGYT123	C		1	109	3	34	10	5	448	2.75	.1
470	8184555	854078	94D08	33	126LGY	32	MGYT123	C		1	230	7	42	30	5	621	6.12	.1
471	8184555	854079	94D08	33	126LGY	32	MGYT123	C		1	361	8	49	60	5	480	12.99	.7
47[illegible]	[illegible]84555	854080	94D08	33	12 MGY	21	LGYT222		L	3	127	9	49	17	5	592	2.92	.1
473	8184555	854081	94D08	33	12 LGY	21	MGYT222		EL	1	129	9	35	15	5	439	3.68	.2

474	8184555	854082	94D08	33	12 MGN	12	MGYT222		EL	1	116	1	43	25	5	664	4.28	.3
475	8184555	851083	94D08	33	12 MGN	22	MGYT222		EL	1	66	3	34	30	11	627	3.35	.1
476	8184555	854084	94D08	33	12 MGN	22	MGYT222		E	1	69	1	43	12	5	510	3.45	.1
477	8184555	854085	94D08	33	126LOB	32	MGYT222	4	E	1	129	1	40	13	5	402	4.28	.1
478	8184555	854086	94D08	33	126LOB	32	MGYT222	C	E	1	154	1	41	42	5	459	4.38	.1
479	8184555	854087	94D08	33	126LOB	42	GYOT222	462		7	217	1	30	19	5	336	2.69	.2
480	8184555	854088	94D08	33	126LOB	42	LGYT222	46		4	220	1	38	150	5	647	4.36	.5
481	8184555	854089	94D08	33	126LOB	32	LGYT222	64		16	466	3	11	11	5	333	9.28	.9
482	8184555	854090	94D08	33	12 LGY	32	MGYT222	C		3	157	1	21	79	5	346	1.94	.1
483	8184555	854091	94D08	33	12 LGY	32	MGYT222	C		1	137	3	34	50	5	595	3	.4
484	8184555	854092	94D08	33	12 LGY	32	MGYT222	C		1	113	4	379	31	5	748	3.99	.5
485	8184555	854093	94D08	33	12 MGY	32	MGYT222	4C		1	118	4	38	41	5	674	2.94	.5
486	8184555	854094	94D08	33	12 LGY	32	MGYT222	C		1	129	5	47	111	5	938	4.96	.6
487	8184555	854095	94D08	33	12 MGY	32	MGYT222	C		1	102	1	32	18	5	495	4.07	.4
488	8184555	854096	94D08	33	12 MGY	32	MGYT222	C		1	116	2	34	17	5	643	4.91	.6
489	8184555	854097	94D08	33	12 MGG	32	MGRT222	64	E	1	69	1	24	21	5	386	2.32	.4
490	8184555	854098	94D08	33	12 MGG	32	MGRT222	64	E	1	100	1	41	23	5	627	4.19	.4
491	8184555	854099	94D08	33	12 MGY	42	MGNT222	46	LE	1	130	7	60	57	5	1021	5.4	.5
492	8184555	1854100	94D08	33	12 MGG	22	DGGT222	6	E	1	89	12	46	33	5	813	4.9	.4
493	8184555	2854101	94D08	33	12 MGG	22	DGGT222	6	E	1	94	6	48	29	5	826	5.26	.4
494	8184555	854102	94D08	33	12 LBR	42	LGYT222	48		1	42	9	66	15	5	920	3.83	.3
495	8184555	854103	94D08	33	12 MGR	52	DGRT222	4C8	LE	1	53	7	44	49	5	1044	4.42	.4
496	8184555	854104-	94D08	33	12 MGR	42	DGRT222	64C	EL	1	26	11	62	103	5	1488	4.94	.6
497	8184555	854105	94D08	33	12 LGY	41	MGYT222	C4		1	93	10	60	45	5	1064	4.96	.6
498	8184555	854106	94D08	33	12 LGY	42	MGYT222	C4		1	83	10	67	92	5	1373	5.2	.5
499	8184555	854107	94D08	33	12 MGY	41	MGYT222	C4		5	104	13	32	177	5	628	5.15	.6
500	8184555	854108	94D08	33	12 MGY	22	MGYT222	4C		1	85	5	45	47	5	647	3.88	.4
501	8184555	854109	94D08	33	12 MGY	33	MGYT222	4C		1	82	9	82	40	5	1211	6	.5
502	8184555	854110	94D06	33	126MGY	32	MGNT222	6	EL	1	200	7	38	20	5	547	4.51	.4
503	8184555	854111	94D08	33	126MGY	32	MGNT222	6	EL	1	88	1	36	38	5	530	3.12	.4
504	8184555	854112	94D08	33	12 MGY	32	MGNT222	6	EL	1	65	3	21	15	5	408	1.63	.3
505	8184555	854113	94D08	33	12 MGY	32	MGNT222	6	L	1	81	8	24	30	5	386	2.24	.5
506	8184555	854114	94D08	33	12 DGY	32	MGYT222	6	EL	2	88	3	31	26	5	385	2.8	.3
507	8184555	854115	94D08	33	126LBR	32	LGGT222	6	E	1	159	1	28	43	5	389	2.56	.4
508	8184555	854116	94D08	33	126LBR	32	MGRT222	6	E	1	107	8	37	12	5	405	3.82	.4
509	8184555	854117	94D08	33	126LBR	32	MGRT222	6	E	2	174	6	47	30	5	526	3.8	.4
510	8184555	854118	94D08	33	126MBR	32	MGRT222	6	E	2	154	4	41	20	5	515	4.25	.5
511	8184555	854119	94D08	33	12 MGR	32	DGRT222	6	E	1	106	3	53	22	5	708	4.47	.4
512	8184555	854120	94D08	33	12 MGY	22	MGYT222			1	75	1	32	14	5	433	4.13	.4
513	8184555	854121	94D08	33	12 MGY	22	MGYT222			1	98	1	40	14	5	522	4.67	.6
514	8184555	854122	94D08	-3	12 MGY	22	MGYT222		O	2	79	2	26	9	5	293	2.34	.4
515	8184555	854123	94D08	33	12 MGY	23	MGYT222		OE	1	72	2	34	44	5	797	4.92	.5
516	8184555	854124	94D08	33	12 MGY	23	MGYT222			1	79	1	28	25	5	378	2.72	.4
517	8184555	854125	94D08	33	12 DGY	23	MGYT222	6	ELC	1	75	7	42	27	5	660	4.77	.4
518	8184555	854126	94D08	42	626MOB	33	MGRT222	6		10	336	10	26	6	5	141	11.72.7	
519	8184555	854127	94D08	42	626LOB	33	ORBT222	6		10	167	16	21	3	5	189	22.3	1
520	8184555	854128	94D08	42	626LOB	33	ORBT222	6		13	916	11	30	11	5	271	21.211.2	
521	8184555	854129	94D08	42	126LOB	31	LGRT123	6		1	330	12	56	26	5	657	13.25.6	
522	8184555	854130	94D08	42	626LBR	33	WHGT123	6		5	507	12	32	26	5	509	14.71.7	
523	8184555	854131	94D08	42	626LBR	22	WHGT123	6		9	474	10	24	18	5	936	11.27.5	
524	8184555	854132	94D08	42	12 LBR	21	LGYT123		E	1	213	5	38	15	5	532	3.13	.4

525	8184555	854133		94D08	42	12 LBR	21	LGYT123		E	1	56	2	32	10	5	437	2.61 .3
526	8184555	854134		94D08	42	12 LGG	21	LGYT123		E	1	56	2	30	14	5	377	1.97 .4
527	8184555	854135		94D08	42	12 LGG	22	LGYT123	6	E	1	149	2	37	11	5	451	2.59 .5
528	8184555	854136		94D08	42	12 MGG	22	LGYT123	6	E	2	36	3	35	15	5	478	2.66 .3
529	8184555	854137		94D08	42	12 NGG	21	LGYT123			2	13	4	38	15	5	450	3.05 .4
530	8184555	854138		94D08	34	626MOB	33	LGYT222	6		55	602	11	28	7	5	246	26.51.8
531	8184555	854139		94D08	34	626MOB	34	MBKT?	6		6	620	19	28	6	5	234	37.461.5
532	8184555	854140		94D08	34	626MOB	33	MBKT123	6		2	326	11	23	5	5	546	18.8 .3
533	8184555	854141		94D08	34	626LOB	32	MBKT123	6		2	352	10	20	4	5	533	18.78.9
534	8184555	854142		94D08	34	126LOB	22	LGRT123	6	E	4	246	10	33	20	5	358	10.4 .5
535	8184555	854143		94D08	34	12 LBR	22	MGGT123	6	E	2	78	1	33	14	5	252	3.04 .3
536	8184555	854144		94D08	34	12 HRG	22	HGGT123	6	E	1	101	1	37	15	5	369	2.69 .4
537	8184555	854145		94D08	41	12 MGY	41	LGGT223	C4		1	127	6	35	41	5	537	4.36 .5
538	8184555	854146		94D08	41	12 HGY	41	LGGT223	C42	E	1	64	3	42	74	5	593	4.87 .6
539	8184555	854147		94D08	41	12 MGY	32	LGRT123	6	E	1	121	2	33	14	5	349	4.43 .5
540	8184555	854148		94D08	41	12 GYB	32	MGRT123	64	E	1	56	6	37	76	5	607	3.2 .5
541	8184555	854149		94D08	41	12 GRB	22	LGRT123	6	E	2	201	4	19	13	5	241	1.7 .2
542	8184555	854150		94D08	41	12 GRB	22	LGRT123	6		3	117	1	9	7	5	139	1.37 .5
543	8184555	854151		94D08	41	126LOB	22	MGRT123	6		5	228	3	14	13	5	179	3.88 .8
544	8184555	854152		94D08	41	126LOB	3	LGRT123	6		16	226	4	9	4	5	155	5.47 .9
545	8184555	854153		94D08	41	126LOB	32	LGGT123	6	E	33	312	8	12	5	5	440	8.7 1.3
546	8184555	854154		94D08	41	126MOB	33	GRBT123	6	E	2	2009	12	21	14	5	580	19.84.2
547	8184555	854155		94D08	41	12 MOB	33	GRBT123	6	E	4	495	13	27	10	5	440	24.66.5
54[illegible]	[illegible]184555	854156		94D08	41	12 LOB	33	LGRT123	6	E	4	471	9	25	13	5	281	16.92.7
5[illegible]	[illegible]184555	854157		94D08	41	12 MGG	21	LGRT123			2	123	3	26	23	5	289	2.39 .5
550	8184555	854158		94D08	41	12 MGG	21	MGRT123			1	153	3	38	27	5	441	3.69 .6
551	8184555	854159		94D08	31	631MOB	33	DOBT222	69	Q	139	1382	8	27	8	5	252	18.074.8
552	8184555	1854160		94D08	31	12 MGG	31	MGRT227	4		1	115	3	48	32	20	906	5.33 .1
553	8184555	2854161		94D08	31	12 MGG	31	MGRT227	4		1	1283	1	31	31	5	503	6.28 .1
554	8184555	854162		94D08	31	12 MGG	33	MGRT222	6	EC	1	121	4	45	36	27	899	4.78 .1
555	8184555	854163		94D08	31	12 LGG	33	MGYT222	6	EQ	2	2515	7	35	26	5	645	5.5 1.2
556	8184555	854164		94D08	31	12 LGG	23	MGRT222	6	EC	2	433	3	37	29	5	647	5.41 .4
557	8184555	854165		94D08	31	12 LGG	21	LGRT222		E	1	267	1	20	13	5	299	3.36 .1
558	8184555	854166		94D08	31	12 BRG	21	MGRT222		E	1	124	3	23	30	5	320	2.65 .1
559	8184555	854167		94D08	31	12 BRG	31	MGRT223	6		1	124	6	32	15	5	407	4.37 .2
560	8184555	854168		94D08	42	12 MGY	21	LGYT223		E	1	87	3	36	17	5	484	3.69 .1
561	8184555	854169		94D08	42	12 MGY	21	LGYT222		E	1	90	3	33	16	5	419	2.94 .1
562	8184555	854170		94D08	42	12 MGY	21	LGYT222		E	1	64	3	27	28	5	345	2.18 .2
563	8184555	854171		94D08	42	12 MGY	21	LGYT222		E	1	109	6	33	20	5	386	3.08 .1
564	8184555	854172		94D08	42	12 LGY	22	LGYT222	6	E	1	83	2	46	22	5	604	4.21 .1
565	8184555	854173		94D08	42	12 LGY	22	LGYT222	6	E	1	58	7	45	19	5	582	3.08 .2
566	8184555	854174		94D08	42	126GYB	22	LGYT223			1	126	4	27	15	5	279	1.76 .2
567	8184555	854175		94D08	42	126LOB	23	LGYT223	6		2	376	9	22	40	5	210	8.75 .7
568	8184555	854176		94D08	42	626MOB	33	DORT			33	542	15	27	16	5	228	22.4 1.9
569	8184555	854177		94D08	42	126MOB	33	DORT123			18	982	17	34	80	5	319	26.231.4
570	8184555	854178		94D08	11	126ORG	43	LGYT223	546	QC	5	79	7	61	27	5	545	7.2 .4
571	8184555	854179		94D08	31	126ORG	43	LGYT223	546	QC	4	41	10	12	6	5	109	6.1 2.3
572	8184555	854180		94D08	31	126MOR	33	MGYT227	56	QC	4	69	6	58	30	5	437	6.48 .9
57[illegible]	[illegible]184555	854181		94D08	31	126MOB	33	LGYT227	56		2	31	6	50	16	5	476	8.93 .4
57[illegible]	[illegible]84555	854182	Q	94D08	31	126LOB	1	GYWT11		C	25	24	7	8	7	5	60	8.47 3.1
575	8184555	854183		94D08	11	626MOB	34	DRBT227	6		18	908	18	36	11	5	310	25.981.5

576 8184555 854184 94D08 11 626MOB 34 GRBT227 6 21 4353 15 60 33 5 453 25.763
577 8184555 854185 94D08 11 626LOB 23 LGYT227 6 5 611 7 25 9 5 161 7.07 .2
578 8184555 854186 94D08 11 126GYB 22 LGYT222 1 161 8 27 22 5 295 2.22 .2
579 8184555 854187 94D08 11 12 MGY 22 LGYT222 6 E 1 232 8 49 20 5 617 4.26 .2

REC#	SMPL#	CD	AU	AU7	AS	HG	SB	SN	W	F	TH	CD	BI	V	BA	SR	SI	AL	CA	MG	NA	K	ZR?	CE?	TI
1	852001	76	60	1	2		3	2	2		4	2	2	44	123	8	.02	1.94	.33	2.06	.03	.34	8	2	.04
2	852002	20	2350	2	2		5	2	2		2	2	2	45	89	22	.01	.47	.05	.24	.04	.13	2	2	.05
3	852003	8	20	1	2		2	2	2		3	2	5	53	37	31	.02	.95	.1	.84	.04	.16	2	2	.27
4	852004	44	4700	4	5		2	2	3		3	2	2	149	84	23	.02	2.43	1.57	2.45	.02	.37	2	2	.13
5	852005	20	220	1	2		2	2	2		2	1	2	22	12	5	.05	.61	.36	.64	.01	.02	2	2	.02
6	852006	4	3600	2	2		2	2	3		2	1	2	91	78	9	.05	1.8	.08	1.84	.01	.16	4	3	.02
7	852007	19	270	1	2		3	2	2		2	1	2	132	156	80	.08	3	3.43	3.74	.01	.09	2	4	.01
8	852008	14	130	1	4		3	2	2		2	1	2	51	178	23	.06	1.75	.8	1.76	.02	.27	3	5	.08
9	852009	16	1050	1	10		2	2	2		2	1	2	63	262	23	.06	1.67	.41	1.6	.01	.48	7	8	.09
10	852010	6	7340	5	5		2	2	2		2	1	3	95	84	17	.05	1.73	.04	1.68	.01	.15	4	7	.02
11	852011	9	410	1	2		2	2	2		2	1	2	136	67	8	.07	3.11	.1	3.42	.01	.07	5	4	.03
12	852012	10	105	1	7		2	2	2		2	1	2	58	17	45	.04	.51	.28	.32	.05	.05	12	6	.18
13	852501	27	660	1	5		2	2	2		5	1	2	168	101	17	.01	2.39	.15	2.12	.02	.28	2	2	.19
14	852502	24	10	1	4		2	2	2		3	2	2	134	49	26	.02	2.88	1.17	3.07	.03	.14	2	2	.17
15	852503	14	30	1	2		2	2	2		3	2	3	91	17	39	.02	1.9	2.15	1.96	.03	.04	2	2	.14
16	852504	20	70	1	2		2	2	2		3	1	2	127	46	39	.02	2.49	2.06	2.71	.02	.13	2	2	.15
17	852505	23	3250	3	2		2	2	2		2	1	12	184	73	29	.05	.56	.04	.27	.1	.34	4	2	.07
18	852506	21	5	1	7		2	2	2		2	1	2	112	61	34	.09	2.51	2.42	2.66	.02	.13	4	5	.11
1[illegible]	[illegible]52507	38	4100	4	2		2	2	2		2	1	3	175	96	28	.08	2.15	.15	2.26	.05	.2	4	4	.1
[illegible]	[illegible]2508	21	495	1	5		2	2	2		2	1	2	135	119	21	.08	2.73	.33	2.76	.02	.3	5	5	.17
21	852509	19	20	1	2		2	2	2		2	1	2	96	55	17	.06	2	.46	2.21	.02	.13	3	4	.11
22	852510	22	80	1	2		2	2	2		2	1	2	155	114	39	.09	2.72	4.22	3.14	.01	.28	2	3	.08
23	852511	14	830	1	3		2	2	2		2	1	2	105	247	14	.05	2.43	.09	2.3	.02	.74	6	3	.2
24	852512	15	20	1	3		3	2	2		2	1	2	67	148	23	.05	1.52	.33	1.46	.04	.4	2	3	.08
25	852513	17	15	1	2		2	2	2		2	1	2	83	113	22	.05	1.57	.38	1.64	.03	.29	3	4	.1
26	852514	10	10	1	4		2	2	2		2	1	2	92	103	31	.08	1.38	.47	1.28	.05	.25	7	5	.11
27	852515	21	1360	1	7		2	2	4		2	1	2	130	401	26	.07	2.75	.26	2.66	.02	1.46	4	2	.18
28	852516	20	155609		6		2	2	10		2	1	2	80	222	27	.05	1.69	.14	1.47	.01	.68	4	2	.11
29	852517	16	2064013		19		2	2	4		2	1	3	92	92	28	.04	.19	.01	.05	.07	.32	5	2	.04
30	852518	10	210	1	3		2	2	2		2	1	2	27	69	24	.07	1.12	1.45	.94	.03	.18	2	3	.04
31	852519	9	160	1	6		2	2	2		2	1	2	46	32	60	.05	.61	.93	.31	.04	.06	4	4	.07
32	852520	9	90	1	5		2	2	2		2	1	2	57	32	30	.08	.91	.72	.74	.05	.1	6	4	.1
33	852521	7	85	1	4		2	2	2		2	1	2	31	23	34	.04	.65	.79	.34	.04	.05	5	5	.09
34	852522	5	80	1	3		2	2	2		2	1	2	59	22	49	.04	.85	.79	.52	.04	.05	5	5	.09
35	852523	8	50	1	5		2	2	2		2	1	2	70	57	34	.06	.92	.55	.7	.05	.14	6	6	.1
36	852524	8	105	1	8		2	2	2		2	1	2	85	25	44	.05	.85	.54	.56	.05	.06	6	6	.1
37	852525	13	20	1	2		2	2	2		2	1	2	42	64	38	.07	1.55	.69	1.78	.04	.11	3	5	.09
38	852526	9	25	1	3		2	2	2		2	1	2	49	132	50	.07	1.13	.52	.91	.05	.19	4	4	.08
39	852527	13	20	1	2		2	2	2		2	1	2	47	62	35	.1	1.6	.46	1.7	.04	.15	3	4	.08
40	852528	12	35	1	3		2	2	2		2	1	2	113	66	34	.05	1.41	.47	1.45	.04	.14	3	4	.09
41	852529	12	930	1	2		2	2	2		2	1	2	53	14	23	.05	.43	.69	.1	.01	.01	6	4	.09
42	852530	17	40	1	4		2	2	2		2	1	2	21	6	28	.05	.58	.98	.16	.03	.01	6	5	.08
43	852531	11	130	1	6		2	2	2		2	1	2	27	9	32	.06	.7	1.47	.39	.03	.01	6	4	.08
44	[illegible]52532	17	150	1	3		2	2	2		2	1	2	35	9	32	.04	.6	.98	.24	.03	.01	6	5	.08
4[illegible]	[illegible]2533	13	45	1	6		2	2	2		2	1	2	37	9	38	.07	.87	2.1	.58	.02	.01	9	4	.09
46	852534	13	40	1	5		3	2	2		2	1	2	57	99	12	.07	2.32	.42	2.34	.03	.26	2	3	.09

47	852535	13	20	1	6	2	2	2	2	1	2	55	179	42	.07	2.08	.65	1.22	.12	.36	4	3	.11
48	852536	7	30	1	2	2	2	2	2	1	3	38	25	26	.05	.54	.5	.12	.04	.03	9	3	.2
49	852537	6	30	1	2	2	2	2	2	1	3	40	23	24	.04	.83	.61	.46	.05	.04	8	3	.2
50	852538	8	95	1	6	2	2	2	2	1	2	42	47	43	.04	.92	.59	.46	.05	.06	7	3	.15
51	852539	3	50	1	2	2	2	2	2	1	2	41	14	28	.04	.67	.92	.15	.04	.02	10	3	.18
52	852540	17	560	1	36	2	2	2	2	1	2	96	13	5	.03	.26	.04	.15	.02	.02	4	2	.03
53	852541	8	285	1	27	2	2	3	2	1	2	73	19	6	.04	.83	.03	.55	.03	.04	5	3	.05
54	852542	18	2025	1	6	2	2	2	2	1	2	60	26	30	.05	.69	.29	.35	.03	.06	7	5	.11
55	852543	26	1750	1	10	2	2	2	2	1	2	54	25	22	.04	.8	.33	.44	.03	.06	7	5	.11
56	852544	56	1700	1	8	2	2	2	2	1	2	58	22	19	.06	.87	.33	.56	.02	.05	7	7	.07
57	852545	34	395	1	6	2	2	2	2	1	2	68	22	12	.05	.83	.16	.61	.03	.03	7	4	.07
58	852546	17	70	1	18	2	2	2	2	1	3	55	20	26	.05	.76	.63	.35	.03	.04	19	5	.29
59	852547	15	5	1	13	2	2	2	2	1	4	54	17	23	.06	.99	.66	.53	.04	.03	16	5	.27
60	852548	13	0	1	10	2	2	2	2	1	2	44	22	38	.03	1.14	.7	.72	.05	.05	6	4	.14
61	852549	9	0	1	5	2	2	2	2	1	2	37	25	26	.03	.85	.56	.33	.07	.05	6	2	.16
62	852550	16	5	1	7	2	2	2	2	1	2	63	22	33	.06	2.05	.69	1.56	.06	.05	4	4	.15
63	852551	19	0	1	3	2	2	2	2	1	2	60	27	28	.06	1.72	.66	1.17	.09	.06	5	4	.16
64	852552	15	5	1	2	2	2	2	2	1	2	75	31	34	.05	1.74	.73	1.22	.08	.04	5	4	.16
65	852553	6	0	1	11	2	4	2	2	1	4	73	51	31	.01	1.54	.66	1.17	.05	.16	4	2	.12
66	852554	3	0	1	13	2	2	2	2	1	3	54	24	19	.01	1.23	.58	.91	.04	.04	5	2	.13
67	852555	1	5	1	31	2	2	2	2	1	2	50	23	18	.01	.55	.53	.15	.04	.03	6	2	.23
68	852556	4	10	1	20	2	2	2	2	1	2	37	29	16	.01	.37	.46	.11	.04	.04	6	2	.19
69	852557	1	10	1	18	2	2	2	6	1	7	176	18	12	.01	1.08	.23	.78	.02	.08	5	2	.12
70	852558	7	15	2	16	2	2	6	6	1	2	125	21	5	.01	.61	.09	.38	.02	.07	5	2	.11
7[illegible]	[illegible]2559	6	5	1	17	2	2	2	4	1	2	78	12	24	.01	.49	.45	.14	.02	.03	6	2	.15
72	852560	46	580	1	8	2	2	2	2	1	2	55	15	23	.01	.58	.96	.2	.03	.06	5	2	.13
73	852561	39	650	1	8	2	2	2	3	1	2	67	12	16	.01	.5	.93	.23	.02	.05	6	2	.09
74	852562	18	230	1	11	2	2	2	2	1	2	56	30	28	.01	.71	1.06	.41	.02	.09	5	2	.11
75	852563	1	15	1	4	2	2	2	2	1	5	59	74	29	.01	1.09	.86	.83	.03	.22	5	2	.15
76	852564	5	20	1	4	2	2	2	2	1	2	42	60	30	.01	1.27	.64	1.06	.05	.18	5	2	.13
77	852565	26	520	1	12	3	2	2	3	1	2	69	17	23	.02	.6	1.69	.24	.02	.06	5	2	.11
78	852566	25	220	1	2	2	2	14	8	1	2	57	14	9	.01	.4	.26	.22	.03	.04	5	2	.05
79	852567	5	115	1	59	2	2	2	6	1	6	142	21	9	.01	1.08	.08	.73	.02	.11	8	2	.14
279	853501	19	60	1	2	2	2	2	5	1	2	149	101	41	.02	3.06	3.06	3.54	.01	.39	2	2	.15
280	853502	15	15	1	2	2	2	2	3	1	2	110	49	36	.02	2.3	2.32	2.64	.02	.18	2	2	.13
281	853503	15	10	1	2	2	2	2	4	2	2	138	52	54	.02	2.12	1.43	2.14	.02	.17	2	2	.14
282	853504	18	60	1	3	3	2	2	4	2	2	139	92	39	.02	2.14	2.38	2.31	.03	.31	2	2	.13
283	853505	14	30	1	3	3	2	2	4	2	2	126	29	48	.01	1.92	2.89	2.07	.02	.09	2	2	.13
284	853506	18	150	1	2	3	2	2	3	2	2	102	67	47	.01	1.63	2.12	1.64	.03	.19	2	2	.15
285	853507	13	20	1	2	3	2	2	3	2	2	102	122	42	.02	1.64	1.36	1.6	.03	.36	2	2	.16
286	853508	15	25	1	2	2	2	2	2	2	4	106	52	47	.01	1.91	.89	1.86	.03	.15	2	2	.18
287	853509	12	5	1	3	2	2	2	3	2	3	109	43	39	.02	2.22	1.16	2.31	.03	.11	2	2	.2
288	853510	24	120	1	4	2	2	2	4	1	6	119	55	43	.01	1.88	.3	1.9	.03	.15	2	2	.16
289	853511	16	15	1	2	2	2	2	3	1	3	88	33	54	.02	1.96	.82	1.8	.03	.07	2	2	.17
290	853512	21	5	1	3	2	2	2	3	1	2	129	40	47	.02	2.26	1.68	2.18	.03	.1	2	2	.19
291	853513	16	140	1	2	2	2	2	3	2	2	113	23	41	.02	2.02	2.4	1.92	.03	.05	2	2	.2
292	853514	12	10	1	2	2	2	2	2	2	4	79	58	43	.01	1.46	.77	1.37	.03	.11	2	2	.15
293	853515	23	5	1	2	3	2	2	2	1	2	85	46	47	.06	1.83	3.26	1.96	.02	.09	4	2	.1
294	853516	17	20	1	2	2	2	2	2	1	2	102	65	37	.04	1.85	2.81	2.06	.02	.13	3	3	.11
29[illegible]	[illegible]3517	32	3750	4	2	2	2	2	2	1	2	156	122	13	.05	2.19	.18	2.28	.03	.38	4	4	.14
296	853518	48	140	1	2	2	2	2	2	1	2	163	126	20	.06	2.43	.8	2.59	.05	.37	4	4	.14

297	853519	17	20	1	2	2	2	2	2	1	2	86	64	32	.05	1.93	1.76	2.15	.02	.15	3	4	.14
298	853520																						
299	853521	19	70	1	2	2	2	3	2	1	2	158	110	31	.05	2.52	2.38	2.9	.02	.26	3	4	.1
300	853522	15	5	1	2	2	2	2	2	1	2	98	103	31	.06	1.7	.45	1.79	.04	.25	5	4	.13
301	853523	13	0	1	2	2	2	2	2	1	2	79	81	33	.05	1.6	.42	1.68	.03	.24	4	4	.14
302	853524	9	2750	2	2	2	2	4	3	1	2	85	138	31	.05	2.07	.08	1.95	.01	.76	4	3	.12
303	853525	18	1750	1	2	2	2	5	2	1	2	127	224	17	.05	2.59	.13	2.61	.02	.77	6	4	.18
304	853526	25	3450	3	2	2	2	2	3	1	2	125	230	35	.06	2.63	.17	2.52	.02	1.34	5	4	.16
305	853527	21	50	1	2	2	2	2	2	1	2	104	141	25	.05	2.21	.34	2.38	.02	.47	4	4	.13
306	853528	23	290	1	2	3	2	2	2	1	2	134	223	24	.05	2.94	.43	3.12	.02	.6	4	5	.13
307	853529	18	1675	1	2	2	2	2	2	1	2	69	105	17	.06	1.74	.62	1.69	.02	.29	4	4	.09
308	853530	17	6085041		17	2	2	56	2	1	2	50	61	13	.04	.34	.04	.17	.02	.11	2	2	.03
309	853531	6	55	1	2	2	2	2	2	1	2	46	60	36	.03	.73	.85	.45	.04	.27	5	5	.12
310	853532	6	10	1	2	2	2	2	2	1	2	41	98	43	.04	.85	.8	.62	.04	.3	5	5	.12
311	853533	11	110	1	2	2	2	2	2	1	2	54	99	38	.04	1.29	.63	1.27	.04	.19	3	5	.1
312	853534	12	5	1	2	2	2	2	2	1	3	47	64	45	.04	1.64	.57	1.66	.04	.12	3	6	.09
313	853535	10	5	1	2	2	2	2	2	1	2	108	132	24	.05	1.86	.35	1.88	.04	.39	5	5	.13
314	853536	11	10	1	2	2	2	2	2	1	2	58	60	127	.06	1.52	.76	1.25	.04	.14	4	5	.08
315	853537	7	100	1	3	2	2	2	3	1	2	53	112	42	.01	1.44	.65	1.24	.04	.24	3	2	.12
316	853538	6	10	1	3	2	2	2	2	1	4	61	119	37	.01	1.33	.7	1.14	.04	.22	3	2	.11
317	853539	33	2950	2	4	2	2	2	2	1	2	70	17	50	.05	.57	.26	.24	.01	.03	5	5	.07
318	853540	16	20	1	2	2	2	2	2	1	2	104	39	30	.06	2.41	1.95	2.87	.02	.1	4	5	.12
319	853541	12	20	1	5	2	2	2	2	1	2	36	14	39	.01	.69	.98	.21	.03	.02	7	4	.14
32[illegible]	[illegible]53542	19	30	1	2	2	2	2	4	1	2	92	11	76	.01	2.01	5.88	2.47	.01	.08	6	2	.11
32[illegible]	[illegible]3543	17	25	1	2	2	2	2	3	1	2	123	11	55	.01	2.88	4.99	3.8	.01	.09	3	2	.08
322	853544	10	5	1	3	2	2	2	2	1	3	56	76	36	.01	1.53	1.18	1.8	.03	.21	2	2	.08
323	853545	24	100	1	3	3	2	2	2	1	2	35	8	31	.01	.74	1.59	.18	.02	.02	3	3	.07
324	853546	29	790	1	8	3	2	2	2	1	2	42	8	34	.01	.91	1.23	.39	.02	.02	3	2	.06
325	853547	13	3515	3	9	2	2	2	8	1	2	56	17	20	.02	.43	.6	.1	.01	.05	3	4	.06
326	853548	34	680	1	5	2	2	2	4	1	2	44	11	33	.01	.94	.97	.5	.02	.02	3	2	.07
327	853549	1	1975	2	6	2	6	6	6	1	2	46	23	23	.01	.33	.24	.11	.01	.05	2	2	.05
328	853550	11	10	1	3	2	2	2	2	1	2	53	142	18	.01	2.64	.47	2.38	.06	.29	2	2	.09
329	853551	13	20	1	24	2	2	2	2	1	3	47	114	18	.01	1.15	.33	.8	.03	.34	2	2	.11
330	853552	10	5	1	12	2	2	2	3	1	5	70	145	27	.01	2.29	.5	2.06	.06	.25	2	2	.13
331	853553	4	40	1	34	2	2	3	2	1	2	25	76	14	.01	.55	.09	.23	.02	.17	2	2	.07
332	853554	12	10	1	3	2	2	2	2	1	2	32	85	35	.01	2.06	.74	2.03	.03	.11	2	2	.1
333	853555	8	15	1	4	2	2	2	2	1	2	39	29	29	.01	.95	.71	.58	.04	.05	4	2	.17
334	853556	11	10	1	2	2	2	2	2	1	8	50	35	30	.01	1.39	.76	1.09	.04	.06	3	2	.14
335	853557	4	10	1	2	2	2	2	2	1	2	41	31	31	.01	.87	.79	.43	.05	.06	5	2	.17
336	853558	5	10	1	5	2	2	2	2	1	2	46	28	33	.01	.94	.73	.49	.05	.05	6	2	.2
337	853559	11	0	1	6	2	2	2	2	1	2	61	53	31	.01	1.35	.59	.91	.04	.13	5	2	.19
338	853560	10	5	1	1	2	2	2	2	1	2	51	13	34	.01	.83	.67	.22	.04	.04	6	2	.23
339	853561	9	40	1	7	2	2	2	2	1	2	51	7	22	.01	.52	.47	.09	.04	.03	7	2	.22
340	853562	4	0	1	6	2	2	2	2	1	2	46	28	24	.01	1.19	.55	.74	.07	.06	3	2	.14
341	853563	1	570	1	17	2	2	2	6	1	2	95	25	11	.01	1.15	.18	.47	.02	.11	5	2	.12
342	853564	17	1900	1	10	2	2	2	6	1	2	122	44	12	.01	1.22	.15	.54	.02	.25	7	2	.15
343	853565	4	1400	2	17	2	2	2	6	1	2	118	31	11	.01	.72	.19	.34	.02	.14	5	3	.14
344	853566	3	240	1	43	2	2	2	7	1	2	111	26	15	.01	.71	.2	.32	.02	.1	6	2	.12
345	[illegible]53567	4	135	1	17	2	2	2	4	1	2	121	24	21	.01	1.47	.34	.87	.03	.07	8	2	.22
34[illegible]	[illegible]3568	38	420	1	9	2	2	2	2	1	2	83	34	26	.01	1.16	.57	.75	.03	.07	7	2	.15
347	853569	80	100	1	2	2	2	2	2	1	2	57	25	47	.01	.97	.87	.53	.03	.09	6	2	.13

348	853570	27	220	1	7	2	2	2	4	1	2	77	26	27	.01	.87	.95	.54	.03	.1	5	2	.11
349	853571	38	5	1	4	2	2	2	2	1	2	56	25	28	.01	1.77	1.33	1.73	.03	.06	2	2	.14
350	853572	52	35	1	2	2	2	2	2	1	2	56	28	23	.01	1.62	.77	1.46	.03	.07	2	2	.12
351	853573	18	10	1	2	2	2	2	2	1	7	56	42	34	.01	1.82	.82	1.57	.04	.1	3	2	.15
352	853574	10	0	1	3	2	2	2	2	1	3	69	69	38	.01	2.01	.93	1.72	.04	.12	3	2	.18
353	853575	6	20	1	4	2	2	2	2	1	6	47	56	38	.01	1.88	.77	1.54	.03	.11	2	2	.15
354	853576	8	5	1	5	3	2	2	2	1	4	50	66	39	.01	1.79	.95	1.54	.04	.19	3	2	.14
355	853577	11	5	1	3	3	2	2	2	1	2	44	69	36	.01	1.81	.74	1.64	.03	.18	3	2	.13
356	853578	13	0	1	2	2	2	2	4	1	2	113	18	55	.01	2.39	2.86	2.99	.02	.06	2	2	.12
357	853579	8	0	1	3	2	2	2	2	1	3	66	26	32	.01	1.49	.71	1.39	.03	.09	2	2	.14
389	853931	5	10	1	4	2	2	2	2	1	2	79	45	18	.05	1.68	.19	1.9	.06	.22	2	4	.14
390	853932	8	5	1	3	2	2	2	2	1	2	93	72	30	.04	2.27	.51	2.02	.17	.45	2	3	.13
391	853933	6	5	1	2	2	2	2	2	1	2	59	39	44	.04	1.46	.34	1.16	.08	.13	2	4	.17
392	853934	13	5	1	3	2	2	2	2	1	2	84	44	29	.04	1.5	.67	1.43	.05	.14	2	5	.11
393	854001	11	5	1	2	2	2	2	2	1	2	36	67	28	.06	1.52	.64	1.54	.04	.08	3	6	.07
394	854002	10	20	1	3	2	2	2	2	1	2	28	102	25	.06	1.41	.45	1.32	.04	.16	3	6	.08
395	854003	8	10	1	2	2	2	2	2	1	2	36	171	33	.06	1.55	.85	1.35	.05	.29	3	6	.11
396	854004	8	0	1	2	2	2	2	2	1	2	32	132	29	.06	1.52	.48	1.38	.04	.2	3	6	.09
397	854005	8	10	1	2	2	2	2	2	1	2	30	133	35	.07	1.66	.73	1.39	.04	.25	3	7	.09
398	854006	8	5	1	2	3	2	2	2	1	2	32	121	53	.06	1.43	.88	1.21	.04	.25	5	7	.1
399	854007	11	5	1	2	2	2	2	2	1	2	45	198	35	.05	1.62	.57	1.59	.04	.31	3	6	.11
400	854008	16	5	1	2	2	2	2	2	1	2	92	232	78	.05	2.02	3.3	2.57	.02	.23	2	6	.07
401	854009	12	10	1	5	2	2	2	2	1	2	48	81	45	.05	1.65	3.02	1.78	.02	.15	2	5	.05
40[illegible]	[illegible]54010	11	5	1	7	2	2	2	2	1	2	60	295	58	.06	1.89	.94	1.4	.06	.65	4	6	.13
40[illegible]	[illegible]4011	10	5	1	2	2	2	2	2	1	2	59	279	44	.05	1.57	.8	1.25	.05	.4	3	6	.11
404	854012	11	0	1	4	2	2	2	2	1	2	70	265	75	.06	1.99	.77	1.28	.08	.7	4	6	.14
405	854013	10	0	1	4	2	2	3	2	1	2	51	223	47	.06	1.75	.6	1.22	.06	.6	5	6	.12
406	854014	7	15	1	3	2	2	2	3	1	2	30	274	18	.05	1.46	.43	1.02	.05	.56	8	7	.1
407	854015	9	10	1	4	2	2	3	2	1	2	21	200	23	.04	1.13	1.38	.82	.03	.29	3	8	.04
408	854016	13	0	1	2	2	2	2	2	1	3	54	166	47	.04	1.81	.6	1.58	.05	.22	3	5	.13
409	854017	13	5	1	2	2	2	2	2	1	2	56	124	44	.04	1.75	.7	1.56	.05	.21	3	5	.12
410	854018	11	0	1	2	2	2	2	2	1	2	47	69	27	.04	1.74	.62	1.68	.04	.14	3	5	.1
411	854019	11	0	1	4	2	2	2	2	1	2	39	135	32	.03	1.72	.46	1.63	.04	.29	5	6	.11
412	854020	9	10	1	7	2	2	2	2	1	2	34	91	23	.03	1.14	.83	1.22	.03	.22	3	4	.1
413	854021	8	15	1	5	2	2	2	2	1	3	62	78	20	.04	1.55	.6	1.68	.04	.16	4	5	.15
414	854022	15	10	1	2	3	2	2	2	1	2	61	188	73	.04	2.33	3.29	3.01	.02	.09	2	4	.07
415	854023	14	10	1	2	2	2	2	2	1	2	67	115	41	.04	2.21	1.95	2.7	.02	.1	2	5	.08
416	854024	16	10	1	2	2	2	2	2	1	2	88	136	45	.07	2.45	.89	2.69	.04	.11	3	5	.1
417	854025	17	20	1	5	2	2	2	2	1	2	70	70	33	.05	2.28	.51	2.27	.05	.11	3	5	.13
418	854026	9	20	1	7	2	2	2	2	1	2	55	188	28	.05	2.1	.36	1.89	.06	.35	3	4	.11
419	854027	10	25	1	12	2	2	2	2	1	3	35	143	23	.04	1.76	.27	1.6	.04	.35	3	4	.12
420	854028	10	55	1	6	2	2	2	2	1	2	44	104	26	.04	1.71	.36	1.49	.06	.32	3	4	.12
421	854029	15	40	1	9	2	2	2	2	1	2	70	132	16	.04	1.83	.31	1.67	.03	.4	3	5	.14
422	854030	16	70	1	2	2	2	2	2	1	2	80	63	33	.05	2.35	.51	1.86	.09	.22	3	4	.09
423	854031	17	120	1	2	2	2	2	2	1	2	106	66	33	.04	2.6	.44	2.49	.04	.23	2	4	.11
424	854032	9	35	1	2	2	2	2	2	1	2	97	80	33	.04	2.1	.2	2.17	.05	.33	4	4	.17
425	854033	14	30	1	4	2	2	2	2	1	2	68	67	18	.04	1.99	.31	2	.03	.15	3	4	.12
426	854034	11	5	1	3	2	2	2	2	1	2	103	97	34	.05	2.32	.28	2.34	.05	.3	3	4	.13
427	854035	10	20	1	4	2	2	2	2	1	2	56	99	47	.05	2.09	.38	1.96	.04	.17	3	4	.11
42[illegible]	[illegible]4036	7	90	1	2	2	2	2	2	1	2	53	108	57	.03	1.62	.37	1.55	.03	.18	3	5	.12
429	854037	10	40	1	2	2	2	2	2	1	2	54	95	37	.05	1.65	.32	1.6	.03	.23	5	4	.15

430	854038	10	30	1	3	2	2	2	2	1	2	53	121	33	.03	1.52	.29	1.41	.03	.18	4	4	.13
431	854039	11	80	1	2	2	2	2	2	1	2	47	108	32	.04	1.81	.4	1.87	.04	.14	4	5	.12
432	854040	13	35	1	5	2	2	2	2	1	3	48	128	20	.03	1.79	.38	1.85	.03	.13	2	5	.09
433	854041	12	25	1	4	2	2	2	2	1	3	50	111	26	.04	2.04	.53	2.05	.03	.1	3	5	.08
434	854042	12	10	1	6	2	2	2	2	1	2	74	175	29	.06	2.25	1.11	2.3	.04	.12	3	6	.08
435	854043	12	20	1	5	2	2	2	2	1	2	58	177	43	.05	1.92	.39	1.89	.04	.13	3	5	.1
436	854044	11	25	1	4	2	2	2	2	1	3	47	103	23	.04	1.63	.29	1.65	.02	.14	3	4	.07
437	854045	13	0	1	3	2	2	2	2	1	2	56	107	27	.04	2	.5	1.96	.04	.15	3	5	.11
438	854046	14	5	1	2	2	2	2	2	1	2	58	115	31	.04	1.99	.51	1.95	.03	.15	3	5	.11
439	854047	13	15	1	5	2	2	2	2	1	2	63	231	30	.04	1.89	.53	1.82	.05	.31	3	4	.13
440	854048	14	60	1	3	2	2	2	2	1	2	48	88	39	.04	1.84	.41	1.72	.03	.12	3	4	.1
441	854049	11	15	1	3	2	2	2	2	1	2	50	141	27	.05	1.8	.59	1.55	.07	.24	3	4	.11
442	854050	13	30	1	6	2	2	2	2	1	2	49	113	24	.04	1.5	.41	1.4	.05	.28	4	4	.13
443	854051	14	10	1	2	2	2	2	2	1	2	48	98	17	.04	1.76	.43	1.85	.03	.22	3	4	.11
444	854052	12	5	1	3	2	2	2	2	1	2	49	115	24	.05	1.85	.44	1.88	.05	.29	2	4	.1
445	854053	12	15	1	5	2	2	2	2	1	2	60	143	20	.05	1.9	.54	1.71	.07	.55	3	3	.13
446	854054	13	5	1	2	2	2	2	2	1	2	49	140	23	.05	1.58	.51	1.51	.04	.37	3	3	.1
447	854055	16	25	1	3	2	2	2	2	1	2	88	178	97	.05	2.28	3.17	2.93	.02	.49	4	6	.09
448	854056	8	60	1	2	2	2	2	2	1	2	24	129	32	.03	.89	2.75	.79	.02	.16	5	6	.01
449	854057	13	10	1	2	2	2	2	2	1	2	53	82	75	.03	2.38	.42	2.69	.03	.15	2	4	.08
450	854058	12	15	1	2	2	2	2	2	1	2	70	83	43	.03	1.62	.57	1.53	.06	.2	2	3	.1
451	854059	13	20	1	4	2	2	2	2	1	2	65	96	32	.04	1.67	.55	1.66	.05	.29	3	3	.11
452	854060	16	10	1	2	2	2	2	2	1	2	77	74	46	.04	2.02	.5	2.02	.04	.18	4	5	.11
453	854061	14	10	1	2	2	2	2	2	1	2	75	77	42	.04	1.8	.53	1.7	.05	.19	4	4	.11
45[illegible]	[illegible]4062	16	25	1	2	2	2	2	2	1	3	70	65	36	.04	1.91	.51	1.87	.04	.17	4	4	.1
455	854063	21	10	1	2	2	2	2	2	1	3	93	52	31	.05	2.18	.57	2.67	.02	.14	3	5	.12
456	854064	19	30	1	4	2	2	2	2	1	3	85	74	25	.04	2.17	.45	2.61	.03	.2	3	4	.1
457	854065	14	5	1	2	2	2	2	2	1	2	59	51	28	.05	1.74	.77	1.84	.03	.13	4	4	.1
458	854066	14	0	1	4	2	2	2	2	1	2	63	25	23	.05	1.65	.82	1.87	.04	.06	4	4	.09
459	854067	14	10	1	3	2	2	2	2	1	2	60	54	29	.05	1.74	.51	1.87	.04	.15	4	4	.1
460	854068	13	5	1	4	2	2	2	2	1	2	50	32	23	.06	1.56	1.55	1.76	.03	.09	3	3	.09
461	854069	12	30	1	6	2	2	2	2	1	2	63	40	23	.04	1.49	1.65	1.6	.02	.13	3	3	.08
462	854070	12	15	1	2	2	2	2	2	1	2	41	56	40	.04	1.15	.59	1.02	.04	.1	3	4	.08
463	854071	13	5	1	2	2	2	2	2	1	2	49	61	49	.04	1.08	.55	.85	.05	.09	4	4	.1
464	854072	13	10	1	3	2	2	2	2	1	2	52	95	33	.04	1.08	.52	.93	.04	.12	3	4	.08
465	854073	15	0	1	2	2	2	2	2	1	2	60	54	46	.03	1.15	.44	.99	.04	.09	3	4	.08
466	854074	15	5	1	2	2	2	2	2	1	2	45	57	56	.05	1.54	.42	1.51	.04	.08	3	4	.08
467	854075	28	10	1	3	2	2	2	2	1	2	68	75	34	.05	1.58	.53	1.67	.03	.14	3	5	.09
468	854076	13	5	1	2	2	2	2	2	1	2	40	48	55	.04	1.5	.45	1.5	.04	.07	3	5	.08
469	854077	13	25	1	2	2	2	2	2	1	2	39	42	37	.05	1.44	.48	1.38	.04	.06	3	4	.08
470	854078	21	20	1	10	2	3	2	2	1	2	107	52	25	.06	1.8	.75	1.92	.03	.13	5	5	.12
471	854079	31	60	1	72	2	2	2	2	1	5	104	26	9	.05	.96	.53	.57	.01	.05	6	4	.08
472	854080	20	30	1	16	2	4	2	2	1	2	57	15	27	.04	1.04	1.06	.81	.03	.02	9	5	.18
473	854081	13	10	1	7	2	2	2	2	1	2	54	34	35	.03	1.32	.72	1.19	.03	.06	4	5	.09
474	854082	21	50	1	2	2	2	2	2	1	2	110	41	22	.08	2.41	.56	2.66	.02	.1	4	5	.12
475	854083	13	15	1	2	2	2	2	2	1	2	105	56	48	.06	1.85	2.71	2.32	.02	.19	4	4	.11
476	854084	15	5	1	3	2	2	2	2	1	2	97	104	26	.05	1.76	.54	1.78	.03	.29	4	5	.11
477	854085	17	10	1	4	2	2	2	2	1	2	66	64	34	.06	1.74	.44	1.52	.03	.09	5	5	.13
478	854086	18	5	1	2	2	2	2	2	1	2	54	63	23	.05	1.92	.35	1.92	.02	.08	4	6	.08
47[illegible]	[illegible]4087	16	15	1	2	2	2	2	4	2	5	55	55	29	.02	1.56	.46	1.29	.04	.1	5	2	.12
480	854088	35	10	1	3	2	2	2	3	2	2	88	43	19	.02	2.62	1.31	3.54	.02	.03	2	2	.12

481	854089	9	200	1	4	2	2	2	3	1	2	84	47	73	.02	.96	1.08	.18	.01	.06	4	2	.18
482	854090	16	0	1	2	2	2	2	2	1	6	55	45	26	.01	1.36	.76	1.52	.03	.21	3	2	.18
483	854091	18	10	1	2	2	2	2	4	1	8	88	58	23	.02	2.38	.85	2.7	.03	.18	2	2	.19
484	854092	14	15	1	3	2	2	2	4	1	2	112	120	40	.02	2.26	2.79	2.31	.03	.3	2	2	.16
485	854093	13	15	1	2	2	2	2	5	1	2	92	179	45	.02	1.92	2.82	2.01	.03	.57	2	2	.14
486	854094	22	20	1	2	2	2	2	6	2	2	149	130	47	.02	2.94	3.49	3.46	.02	.45	2	2	.15
487	854095	12	10	1	3	2	2	2	4	1	2	125	121	23	.02	1.99	.8	2.09	.04	.49	2	2	.18
488	854096	14	5	1	3	2	2	2	5	1	4	148	78	23	.02	2.41	.79	2.59	.04	.29	2	2	.21
489	854097	14	5	1	2	2	2	2	2	1	6	74	23	34	.02	1.68	1.1	1.85	.03	.08	2	2	.16
490	854098	11	20	1	2	2	2	2	4	2	2	110	48	20	.02	2.11	1.5	2.33	.02	.16	2	2	.14
491	854099	13	15	1	2	2	2	2	5	1	2	170	92	50	.01	3.13	3.15	3.53	.02	.4	2	2	.16
492	854100	14	10	1	2	2	2	2	5	1	3	156	209	44	.01	2.82	1.94	3.08	.03	.38	2	2	.2
493	854101	15	10	1	4	2	2	2	5	1	2	178	171	42	.01	2.89	1.92	3.12	.03	.41	2	2	.2
494	854102	4	105	1	2	2	2	2	6	1	2	92	125	94	.01	2.05	2.37	1.89	.03	.3	5	2	.14
495	854103	12	5	1	2	2	2	2	5	1	2	137	234	148	.01	3.12	6.95	4.22	.01	.51	2	2	.12
496	854104	6	860	1	2	2	2	26	5	1	2	110	76	114	.01	3.07	4.58	3.6	.02	.23	2	2	.09
497	854105	17	10	1	2	2	2	2	6	1	2	180	62	83	.01	3.03	4.19	3.57	.02	.2	2	2	.15
498	854106	14	5	1	2	2	2	2	5	1	2	171	73	121	.01	3.92	4.91	4.97	.01	.1	2	2	.08
499	854107	40	5	1	2	2	2	2	6	1	2	133	160	46	.01	3.19	2.27	4.69	.01	.9	2	2	.13
500	854108	12	5	1	2	2	2	2	4	1	2	109	53	48	.01	2.15	1.65	2.52	.04	.14	2	2	.15
501	854109	14	30	1	2	2	2	2	3	1	2	186	20	61	.02	3.33	3.98	3.56	.02	.07	2	2	.13
502	854110	15	20	1	2	2	2	2	5	1	5	103	59	43	.01	1.94	.94	1.88	.04	.19	3	2	.2
503	854111	11	5	1	2	2	2	2	3	1	4	97	47	56	.01	1.91	1.73	1.94	.04	.13	2	2	.19
504	854112	4	0	1	2	3	2	2	3	1	2	66	25	59	.01	1.26	3.1	1.09	.04	.07	2	2	.13
505	854113	4	70	1	2	2	2	2	3	1	2	86	51	45	.01	1.55	2.48	1.55	.03	.22	2	2	.13
506	854114	11	15	1	2	2	2	2	4	1	6	89	33	32	.01	1.69	1.15	1.6	.04	.06	2	2	.15
507	854115	12	20	1	2	2	2	2	4	1	9	77	25	41	.01	1.77	1.2	1.88	.04	.06	2	2	.18
508	854116	8	10	1	2	2	2	2	3	1	2	109	48	50	.01	1.95	1	1.68	.04	.14	2	2	.22
509	854117	15	0	1	2	2	2	2	4	1	7	93	21	42	.01	2.17	.83	2.08	.03	.04	2	2	.23
510	854118	16	5	1	3	2	2	2	4	1	2	107	37	46	.01	1.94	1.18	1.82	.03	.07	2	2	.2
511	854119	10	15	1	2	2	2	2	3	1	5	113	36	56	.01	2.35	1.43	2.3	.03	.06	2	2	.19
512	854120	11	10	1	3	2	2	2	3	1	2	102	45	32	.02	1.85	.9	1.7	.04	.13	2	2	.23
513	854121	18	5	1	3	2	2	2	4	2	2	124	32	51	.02	2.01	1.21	1.99	.03	.07	2	2	.15
514	854122	5	5	1	2	3	2	2	3	1	5	71	54	43	.01	1.45	.82	1.13	.03	.1	3	2	.21
515	854123	43	20	1	3	2	2	2	5	2	2	148	122	93	.02	3.14	4.9	3.34	.01	.42	2	2	.13
516	854124	13	0	1	2	2	2	2	3	1	6	78	35	30	.02	1.95	.68	2.03	.03	.11	2	2	.16
517	854125	12	20	1	2	2	2	2	5	1	2	135	25	39	.01	2.73	2.12	2.95	.03	.06	2	2	.15
518	854126	7	60	1	16	2	2	2	4	1	8	91	34	51	.01	.54	.36	.18	.02	.04	5	2	.18
519	854127	1	80	1	24	2	2	13	9	1	2	59	34	48	.01	.38	.15	.13	.14	.74	6	2	.13
520	854128	3	100	1	10	2	2	2	9	1	2	110	65	69	.01	1.07	.13	.5	.05	.48	6	2	.14
521	854129	24	20	1	9	2	2	2	8	1	2	109	334	25	.01	2.54	.38	1.96	.03	1.21	6	2	.18
522	854130	14	40	1	15	2	2	2	8	1	6	127	139	35	.01	1.5	.65	.75	.02	.36	7	2	.25
523	854131	34	30	1	12	2	2	2	5	1	2	92	49	55	.01	1.61	1.5	.58	.02	.09	4	2	.16
524	854132	40	10	1	2	2	2	2	4	1	4	50	72	69	.01	2.28	.66	1.93	.04	.16	2	2	.12
525	854133	9	0	1	2	2	2	2	3	1	4	49	56	59	.01	2.02	.6	1.82	.04	.11	2	2	.11
526	854134	8	5	1	2	2	2	2	3	1	6	48	38	48	.01	1.64	.74	1.46	.04	.07	2	2	.13
527	854135	8	10	1	2	2	2	2	4	1	3	47	42	54	.01	1.98	.7	1.73	.04	.08	2	2	.12
528	854136	8	0	1	4	2	2	2	3	1	4	54	52	48	.01	1.97	.89	1.79	.04	.09	2	2	.14
529	854137	7	15	1	2	2	2	2	3	1	6	69	132	49	.01	1.78	.67	1.5	.04	.26	2	2	.14
530	854138	6	360	1	9	2	2	2	12	1	2	140	56	70	.01	1.12	.13	.56	.06	.75	9	2	.13
531	854139	27	425	1	13	2	2	2	13	1	2	81	20	69	.01	.75	.07	.24	.07	.51	7	2	.1

532	854140	1	40	1	11	2	2	2	7	1	2	62	25	35	.01	.99	1.27	.13	.01	.03	4	2	.09
533	854141	1	80	1	17	2	2	2	7	1	2	66	34	51	.01	.87	1.04	.13	.01	.04	7	2	.13
534	854142	21	70	1	4	2	2	2	5	1	7	77	76	31	.01	1.2	.3	.8	.04	.28	5	2	.16
535	854143	9	50	1	4	2	2	2	4	1	2	53	81	47	.01	1.49	.47	1.06	.04	.11	3	2	.12
536	854144	11	20	1	3	2	2	2	3	1	2	48	66	81	.01	1.92	.65	1.51	.05	.09	2	2	.15
537	854145	14	100	1	2	2	2	2	6	1	2	75	203	18	.01	1.7	.68	1.71	.04	.22	2	2	.13
538	854146	16	30	1	2	2	2	2	4	1	2	75	202	22	.01	1.96	1.06	2.08	.03	.27	2	2	.13
539	854147	3	10	1	2	3	2	2	4	1	2	64	176	53	.01	1.06	.69	.62	.05	.14	3	2	.12
540	854148	10	15	1	2	2	2	2	5	1	2	91	96	45	.01	2.28	1.53	2.71	.03	.24	2	2	.15
541	854149	4	35	1	3	2	2	2	4	1	2	50	60	52	.01	1.31	.76	.74	.05	.13	4	2	.17
542	854150	1	30	1	4	3	2	2	3	1	2	37	14	48	.01	.82	.79	.23	.05	.05	6	2	.17
543	854151	6	65	1	3	2	2	2	4	1	2	62	60	65	.01	1.11	.85	.5	.03	.16	5	2	.23
544	854152	1	180	1	5	2	2	2	5	1	2	95	34	88	.01	1.02	1.04	.16	.03	.04	5	2	.25
545	854153	1	1500	1	10	2	2	2	4	1	2	71	43	65	.01	.94	1.72	.09	.02	.03	9	2	.22
546	854154	1	120	1	7	2	2	8	8	1	2	57	10	47	.01	.66	1.27	.13	.01	.03	4	2	.09
547	854155	1	90	1	6	2	2	5	9	1	2	70	26	66	.01	.8	.79	.24	.03	.06	6	2	.12
548	854156	7	160	1	8	2	2	2	8	1	2	77	28	45	.01	.98	.45	.46	.05	.07	8	2	.24
549	854157	7	10	1	5	2	2	2	5	1	2	74	88	54	.01	1.77	.81	1.4	.04	.13	3	2	.25
550	854158	7	30	1	2	2	2	2	4	1	2	109	74	36	.01	2.34	.94	2.05	.04	.17	3	2	.28
551	854159	12	7800	9	2	2	2	2	2	1	2	99	79	18	.06	.77	.06	.53	.06	.29	4	2	.05
552	854160	22	20	1	2	4	2	2	2	1	2	158	46	39	.1	2.68	3.55	3.15	.03	.1	3	4	.12
553	854161	18	20	1	2	2	2	12	2	1	2	114	170	31	.07	2.17	1.06	2.29	.02	.32	4	4	.14
554	854162	22	165	1	2	4	2	2	2	1	2	149	67	42	.09	2.78	3.88	3.38	.02	.15	3	4	.11
555	854163	21	1270	1	2	2	2	2	2	1	2	145	107	22	.08	2.5	1.71	2.73	.02	.28	3	3	.13
55[illegible]	[illegible]4164	21	140	1	3	3	2	2	2	1	2	131	79	28	.08	2.5	.85	2.74	.03	.17	4	4	.15
557	854165	12	20	1	3	2	2	2	2	1	3	84	60	41	.04	1.44	.52	1.3	.04	.16	5	4	.14
558	854166	12	10	1	2	2	2	2	2	1	2	69	49	33	.09	1.69	.52	1.81	.03	.17	4	4	.15
559	854167	8	0	1	2	2	2	2	2	1	2	127	144	30	.01	1.77	.49	1.71	.04	.5	3	2	.18
560	854168	7	0	1	2	2	2	2	2	1	2	107	64	29	.01	2.04	.58	1.92	.04	.17	2	2	.15
561	854169	6	5	1	3	2	2	2	2	1	6	97	42	30	.01	1.74	.56	1.61	.04	.12	4	2	.15
562	854170	5	0	1	3	2	2	2	2	1	3	65	21	30	.01	1.71	.68	1.76	.04	.07	2	2	.17
563	854171	11	5	1	7	2	2	2	2	1	3	95	66	28	.01	1.81	.56	1.78	.04	.16	3	2	.19
564	854172	10	10	1	2	2	2	2	3	1	2	125	174	21	.01	2.34	.5	2.41	.03	.45	2	2	.18
565	854173	16	10	1	2	2	2	2	2	1	3	97	63	33	.01	2.41	.64	2.39	.03	.13	3	2	.18
566	854174	1	20	1	4	2	2	2	3	1	9	61	41	49	.01	1.28	.85	.96	.05	.07	5	2	.27
567	854175	16	140	2	2	2	2	2	4	1	6	88	17	51	.01	1	.42	.88	.03	.06	4	5	.16
568	854176	9	2400	1	11	2	2	2	4	1	2	96	17	74	.01	.53	.26	.08	.03	.04	6	9	.11
569	854177	25	1450	1	7	2	2	2	8	1	2	98	46	108	.01	.6	.27	.13	.03	.06	6	8	.1
570	854178	36	280	1	5	2	2	2	2	1	2	199	48	9	.01	2.33	.22	2.53	.04	.11	2	2	.11
571	854179	20	1500	1	2	5	2	2	3	1	3	39	18	6	.01	.22	.02	.08	.03	.04	2	2	.01
572	854180	35	900	1	4	2	2	2	2	1	2	150	23	11	.01	2.24	.11	2.51	.04	.04	2	2	.01
573	854181	23	430	1	2	2	2	2	2	1	2	198	27	11	.01	1.86	.47	1.98	.04	.07	2	2	.02
574	854182	47	3475	4	2	5	2	2	3	1	4	25	24	4	.01	.13	.01	.08	.04	.04	2	2	.01
575	854183	20	1220	1	5	2	2	2	5	1	2	78	13	44	.01	.59	.24	.24	.03	.04	5	2	.12
576	854184	66	2325	1	3	2	2	4	6	1	2	109	19	30	.01	1.26	.2	.52	.02	.04	5	4	.09
577	854185	9	230	1	6	2	2	2	2	1	6	64	16	62	.01	.71	.52	.21	.05	.04	6	6	.24
578	854186	6	30	1	5	2	2	2	2	1	11	59	29	43	.01	1.29	.82	.91	.04	.06	5	2	.24
579	854187	18	60	1	2	2	2	2	2	1	2	81	19	31	.02	2.16	.84	2.12	.03	.04	3	2	.15

REC#	SMPL#	P	LA	PH	B	CR	AUA	GRIDE	GRIDN
[illegible]	[illegible]2001	.01	6		2	64			
2	852002	.04	2		7	129	2550		

3 852003	.09	4	7	18	
4 852004	.01	3	4	79	5600
5 852005	.01	3	4	121	
6 852006	.11	2	7	147	3950
7 852007	.12	2	5	225	
8 852008	.17	4	4	99	
9 852009	.14	7	2	68	1050
10 852010	.11	4	5	174	8500
11 852011	.11	2	3	225	
12 852012	.19	7	3	31	
13 852501	.05	2	2	164	
14 852502	.08	5	2	60	
15 852503	.11	3	2	107	
16 852504	.06	3	7	98	
17 852505	.08	12	15	26	3900
18 852506	.09	2	4	38	
19 852507	.07	2	9	122	4600
20 852508	.07	2	7	121	
21 852509	.08	2	2	66	
22 852510	.08	2	4	186	
23 852511	.07	2	3	33	
24 852512	.12	2	2	12	
25 852513	.1	2	3	34	
26 852514	.12	4	4	16	
27 852515	.08	2	4	37	1550
28 852516	.06	2	8	24	13500
29 852517	.08	2	6	68	23550
30 852518	.11	2	2	12	
31 852519	.21	5	2	40	
32 852520	.2	4	2	34	
33 852521	.2	5	3	36	
34 852522	.2	5	2	31	
35 852523	.17	7	2	54	
36 852524	.17	5	3	45	
37 852525	.11	2	3	67	
38 852526	.13	3	2	25	
39 852527	.09	2	2	51	
40 852528	.1	2	2	38	
41 852529	.12	2	3	11	
42 852530	.22	5	3	19	
43 852531	.21	4	2	17	
44 852532	.19	3	2	25	
45 852533	.2	3	3	22	
46 852534	.06	2	2	15	
47 852535	.07	2	4	13	
48 852536	.05	3	3	6	
49 852537	.06	2	4	10	
50 852538	.06	3	2	13	
51 852539	.05	3	4	7	
52 852540	.04	13	8	2	
53 852541	.05	13	13	1	

54	852542	.05	6	18	9	1850
55	852543	.06	2	5	7	1800
56	852544	.01	2	14	7	1650
57	852545	.04	2	4	6	
58	852546	.05	4	3	32	
59	852547	.07	4	3	18	
60	852548	.1	4	2	63	
61	852549	.06	2	2	17	
62	852550	.06	2	2	33	
63	852551	.07	2	3	25	
64	852552	.08	2	2	24	
65	852553	.16	3	4	35	
66	852554	.15	4	2	24	
67	852555	.06	2	3	34	
68	852556	.08	2	2	47	
69	852557	.05	4	7	18	
70	852558	.02	7	7	7	
71	852559	.05	2	2	19	
72	852560	.06	4	6	27	
73	852561	.04	2	8	21	
74	852562	.06	3	7	26	
75	852563	.08	3	3	29	
76	852564	.08	2	2	29	
7[illegible]	[illegible]52565	.08	4	2	21	
[illegible]	[illegible]52566	.02	5	15	10	
79	852567	.09	13	6	8	
279	853501	.06	2	2	213	
280	853502	.07	3	2	178	
281	853503	.13	2	8	44	
282	853504	.1	2	2	96	
283	853505	.1	2	3	101	
284	853506	.08	4	3	94	
285	853507	.1	3	4	94	
286	853508	.09	3	2	69	
287	853509	.09	3	5	75	
288	853510	.13	4	3	175	
289	853511	.09	3	3	45	
290	853512	.1	2	2	29	
291	853513	.08	4	8	34	
292	853514	.08	3	9	69	
293	853515	.08	2	3	61	
294	853516	.09	3	4	86	
295	853517	.07	2	9	160	4250
296	853518	.08	2	10	139	
297	853519	.07	3	4	78	
298	853520					
299	853521	.08	2	4	75	
300	853522	.1	5	4	44	
30[illegible]	[illegible]53523	.09	4	3	44	
3[illegible]	[illegible]3524	.08	2	11	43	3100
303	853525	.09	2	3	66	1900

304	853526	.09	2	12	44	2900
305	853527	.09	2	2	67	
306	853528	.1	2	6	66	
307	853529	.1	3	3	28	1300
308	853530	.04	8	15	42	62300
309	853531	.16	4	2	46	
310	853532	.16	3	2	33	
311	853533	.14	4	3	74	
312	853534	.12	5	2	23	
313	853535	.09	5	3	31	
314	853536	.12	3	2	28	
315	853537	.11	3	4	46	
316	853538	.1	3	2	47	
317	853539	.1	2	12	25	3050
318	853540	.07	2	3	56	
319	853541	.22	7	3	37	
320	853542	.14	7	5	194	
321	853543	.13	2	3	256	
322	853544	.16	4	3	161	
323	853545	.18	6	4	32	
324	853546	.18	9	6	28	
325	853547	.06	13	11	13	3650
326	853548	.13	8	12	28	
327	853549	.05	15	10	9	2100
32[illegible]	[illegible]3550	.06	4	2	16	
329	853551	.06	2	4	33	
330	853552	.08	2	2	26	
331	853553	.03	2	2	45	
332	853554	.07	3	2	19	
333	853555	.06	4	4	18	
334	853556	.08	3	4	32	
335	853557	.07	3	3	20	
336	853558	.06	3	4	20	
337	853559	.05	3	2	18	
338	853560	.06	4	2	13	
339	853561	.05	4	4	20	
340	853562	.07	4	5	29	
341	853563	.04	8	7	8	
342	853564	.04	4	20	4	2200
343	853565	.04	8	12	11	1600
344	853566	.03	2	2	1	
345	853567	.05	7	10	46	
346	853568	.06	9	5	16	
347	853569	.05	2	4	21	
348	853570	.05	7	8	15	
349	853571	.06	2	2	10	
350	853572	.06	2	2	13	
351	853573	.08	2	3	15	
352	853574	.09	2	2	18	
35[illegible]	[illegible]575	.07	2	2	17	
354	853576	.08	2	3	26	

355	853577	.07	2	2	17
356	853578	.1	2	4	174
357	853579	.11	2	2	49
389	853931	.06	2	5	54
390	853932	.08	5	5	41
391	853933	.07	5	5	41
392	853934	.15	5	3	31
393	854001	.09	3	2	54
394	854002	.09	2	2	49
395	854003	.09	2	2	50
396	854004	.09	2	2	27
397	854005	.09	3	2	46
398	854006	.13	3	2	25
399	854007	.08	2	2	74
400	854008	.09	2	2	108
401	854009	.07	2	2	92
402	854010	.08	2	2	39
403	854011	.08	2	2	72
404	854012	.08	2	2	58
405	854013	.08	2	3	60
406	854014	.08	3	2	19
407	854015	.09	5	2	40
408	854016	.07	2	2	30
40[illegible]	[illegible]54017	.09	2	2	18
41[illegible]	[illegible]4018	.07	2	2	14
411	854019	.09	2	2	62
412	854020	.07	2	2	40
413	854021	.1	2	2	22
414	854022	.07	2	2	139
415	854023	.08	2	2	75
416	854024	.09	2	2	85
417	854025	.08	2	19	67
418	854026	.08	2	2	41
419	854027	.08	2	2	14
420	854028	.07	2	2	30
421	854029	.07	2	2	33
422	854030	.06	2	2	27
423	854031	.06	2	2	16
424	854032	.07	2	2	23
425	854033	.07	2	2	11
426	854034	.06	2	2	21
427	854035	.07	2	2	13
428	854036	.09	2	2	40
429	854037	.06	2	2	14
430	854038	.07	2	2	27
431	854039	.07	2	2	11
432	854040	.08	2	2	27
433	854041	.08	2	2	13
43[illegible]	[illegible]54042	.11	2	2	63
4[illegible]	[illegible]4043	.08	3	2	14
436	854044	.08	2	2	30

437	854045	.08	2	2	24
438	854046	.08	2	2	17
439	854047	.1	2	2	49
440	854048	.07	2	2	17
441	854049	.09	2	2	30
442	854050	.07	2	2	13
443	854051	.08	2	2	25
444	854052	.08	2	2	12
445	854053	.08	2	2	30
446	854054	.08	2	2	40
447	854055	.11	2	2	247
448	854056	.08	4	2	71
449	854057	.07	2	2	18
450	854058	.08	2	2	12
451	854059	.07	2	2	28
452	854060	.07	2	2	11
453	854061	.07	2	2	20
454	854062	.07	2	2	9
455	854063	.12	2	3	162
456	854064	.09	2	2	61
457	854065	.07	2	2	16
458	854066	.07	2	2	10
459	854067	.08	2	2	17
460	854068	.08	2	2	79
46[illegible]	[illegible]4069	.06	2	2	29
462	854070	.1	2	2	76
463	854071	.1	3	2	56
464	854072	.11	2	2	28
465	854073	.1	3	2	39
466	854074	.1	2	2	34
467	854075	.13	3	2	75
468	854076	.09	2	2	37
469	854077	.1	3	2	39
470	854078	.11	2	2	49
471	854079	.12	2	8	41
472	854080	.08	3	2	56
473	854081	.1	4	5	38
474	854082	.08	3	4	55
475	854083	.1	2	3	92
476	854084	.09	3	3	25
477	854085	.09	4	5	26
478	854086	.11	5	3	95
479	854087	.09	3	3	31
480	854088	.08	3	8	467
481	854089	.12	5	7	49
482	854090	.08	3	4	135
483	854091	.09	3	6	86
484	854092	.1	3	2	76
485	854093	.12	2	4	99
48[illegible]	[illegible]4094	.08	2	7	205
487	854095	.08	4	3	41

488	854096	.08	4	5	32
489	854097	.07	3	3	77
490	854098	.06	4	2	45
491	854099	.08	3	2	186
492	854100	.09	2	2	77
493	854101	.09	2	2	63
494	854102	.13	3	7	35
495	854103	.07	2	3	279
496	854104	.12	3	4	229
497	854105	.1	2	9	144
498	854106	.12	2	6	239
499	854107	.08	2	5	393
500	854108	.1	3	5	117
501	854109	.08	2	12	115
502	854110	.11	2	3	34
503	854111	.11	2	9	108
504	854112	.12	2	2	54
505	854113	.1	2	2	81
506	854114	.07	2	7	68
507	854115	.1	2	2	97
508	854116	.09	2	6	26
509	854117	.1	2	9	64
510	854118	.1	2	5	44
511	854119	.12	2	7	42
51[illegible]	[illegible]4120	.09	3	2	22
513	854121	.12	5	2	46
514	854122	.1	3	2	20
515	854123	.07	4	4	161
516	854124	.08	3	2	52
517	854125	.11	2	4	64
518	854126	.08	2	15	47
519	854127	.08	2	16	21
520	854128	.12	10	7	72
521	854129	.1	2	13	75
522	854130	.12	5	10	74
523	854131	.11	4	8	46
524	854132	.12	2	2	24
525	854133	.1	2	8	28
526	854134	.1	2	2	39
527	854135	.1	2	2	31
528	854136	.1	2	2	37
529	854137	.11	3	3	33
530	854138	.1	5	12	52
531	854139	.09	16	5	30
532	854140	.12	2	13	29
533	854141	.08	2	9	27
534	854142	.08	3	6	39
535	854143	.1	2	2	34
536	854144	.1	2	2	30
53[illegible]	[illegible]4145	.12	2	2	105
538	854146	.11	2	8	157

539	854147	.11	3	2	41	
540	854148	.11	2	3	201	
541	854149	.13	3	6	36	
542	854150	.13	2	2	29	
543	854151	.11	2	11	44	
544	854152	.13	3	2	52	
545	854153	.09	3	6	35	1550
546	854154	.08	2	2	43	
547	854155	.11	5	2	47	
548	854156	.09	5	2	30	
549	854157	.09	2	4	48	
550	854158	.08	3	2	49	
551	854159	.06	2	3	67	8500
552	854160	.08	2	2	152	
553	854161	.08	2	2	76	
554	854162	.08	2	2	203	
555	854163	.06	2	2	82	500
556	854164	.08	2	2	83	
557	854165	.09	2	2	30	
558	854166	.08	2	2	51	
559	854167	.1	2	8	31	
560	854168	.1	2	2	36	
561	854169	.1	2	2	36	
562	854170	.07	2	2	65	
5[illegible]	[illegible]54171	.08	2	2	29	
564	854172	.09	4	2	38	
565	854173	.08	2	2	46	
566	854174	.08	4	2	28	
567	854175	.15	13	5	131	
568	854176	.1	19	8	20	2300
569	854177	.09	12	2	16	1400
570	854178	.06	2	2	51	
571	854179	.04	2	5	67	1550
572	854180	.04	3	2	116	
573	854181	.06	2	3	47	
574	854182	.02	4	2	97	3400
575	854183	.1	6	22	10	1450
576	854184	.12	5	5	24	2300
577	854185	.09	9	9	18	
578	854186	.09	4	2	48	
579	854187	.11	3	2	53	

TALUS FINES SAMPLES ANALYSES

SELECTION # 1

SAMPLE TYPE(S) 50/51/60/61
BEDROCK TYPE(S) ALL
SOIL HORIZON(S) ALL
SAMPLE TEXTURE(S) ALL
OVERBURDEN ORIGIN(S) ALL
LABORATORY-SIZE FRACTION-EXTRACTION(S) ALL
PAIR STATUS ALL

REC#		SMPL#	UTM-E UTM-N								MO	CU	PB	ZN	NI	U	MN	FE	AG
80	6084555	853001	6262616253304	94D08	1D2L	8B	410	10TFR222DBR		40A	36SW2	949	2	100	23	5	1069	6.67	.6
81	6084555	853002	6262436253297	94D08	3E2L	8P	410	15TFR222DBR		30A	36SW6	1045	8	35	61	5	1341	7.52	.6
82	5084555	853003	6262266253291	94D08	3E2L	8P	410	15BMB222MOLBR		10A	36SW12	998	5	28	46	5	1110	7.81	.6
83	6084555	853004	6262096253285	94D08	3E2L	8P	410	15TFR222MOLBR		60A	36SW17	1043	5	30	55	5	981	7.37	.5
84	6084555	853005	6261916253276	94D08	3E2L	8P	310	10TFR222MOLBR		50A	36SW9	812	4	37	49	5	1073	6.54	.4
85	5084555	853006	6261766253266	94D08	3E2L	8D	310	15BMB222MOLBR		40A	36SW8	340	4	37	25	5	638	5.22	.4
86	6084555	853007	6261566253252	94D08	3E3L	8D	210	20TFR222MOLBR		60A	37SW5	893	3	38	34	5	756	6.61	.6
87	5084555	853008	6261496253238	94D08	2E3L	8D	410	15BMB	MOLBR	20A	37SW9	1056	8	36	36	5	974	6.91	.7
88	5084555	853009	6261416253222	94D08	3E2L	8D	410	20BMB	MOLBR	30A	37S 13	1120	4	36	32	5	1018	7.38	1.1
89	5084555	853010	6261366253206	94D08	3E2L	8D	410	15BMB	MOLBR	30A	32S 8	734	9	48	47	5	1727	7.39	1.8
90	5084555	853011	6261296253187	94D08	3E2L	8B	410	15BMB22	MOLBR	20A	37S 5	731	9	43	65	5	1470	6.53	.7
91	5084555	853012	6261236253165	94D08	3E2L	8P	410	10TFR22	MOLBR	40A	37SW4	635	4	35	81	5	1248	6.11	.2
[illegible]	[illegible]084555	853013	6261256253145	94D08	3E2L	8B	410	10BMB	MOLBR	30A	34SW4	556	6	58	80	5	2160	6.3	1.2
93	[illegible]084555	853014	6261226253123	94D08	3E2L	8P	510	20BMB	MOLBR	20A	37W 8	737	8	34	51	5	1054	6.23	1.1
94	6084555	853015	6261156253106	94D08	3E2L	8P	210	10TFR	MOLBR	60A	37W 1	263	16	39	45	5	605	4.91	.6
95	6084555	853016	6261026253096	94D08	3E2L	8P	310	10TFR222MOLBR		40A	35W 4	634	9	37	60	5	1419	7.43	.2
96	6084555	853017	6260856253087	94D08	3E2L	8P	310	15TFR22	MOLBR	40A	35NW1	208	2	39	56	5	776	5.3	.1
97	5084555	853018	6260666253077	94D08	3E2L	8P	410	20BMB	MOLBR	20A	36W 5	472	6	36	61	5	1314	6.33	.1
98	5084555	853019	6260456253069	94D08	3E2L	8P	510	35BMB	MOLBR	25A	36W 4	425	8	57	48	5	1620	6.43	.2
99	6084555	853020	6260256253061	94D08	3E2L	8P	310	15TFR	MGYOLB	50A	36W 2	251	4	65	199	5	2091	6.13	.1
100	5084555	853021	6260056253051	94D08	3E2L	8P	410	30BMB	MOLBR	10A	38W 1	285	5	48	92	5	1197	5.11	.1
101	5084555	853022	6259846253045	94D08	3E2L	8P	410	15BMB	MOLBR	5A	38W 1	388	8	40	43	5	1120	4.55	.1
102	5084555	853023	6259646253038	94D08	3E2L	8P	410	15BMB	MOLBR	10A	38W 1	310	5	47	44	5	1141	5.04	.1
103	5084555	853024	6259456253031	94D08	3E2L	8P	410	15BMB	MBR	20A	38W 52	1702	5	37	58	5	778	8.43	.3
104	6084555	853025	6259256253023	94D08	3E2L	8P	310	20TFR	MOLBR	30A	38W 10	1034	4	48	51	5	1271	7.43	.2
105	6084555	853026	6259056253012	94D08	3E2L	8P	310	10TFR	MORBR	40A	35W 25	846	17	45	25	5	958	17.23.5	
106	6084555	853027	6258866253002	94D08	3E2L	8P	310	15TFR	MOLBR	50A	35W 8	407	7	48	46	5	2417	6.42	.8
107	5084555	853028	6258656252992	94D08	3E2L	8P	410	15BMB	MOLBR	10A	35W 7	639	6	49	49	5	1864	6.32	.3
108	6084555	853029	6258486252981	94D08	3E2L	8P	410	10TFR	MRB	60A	35W 13	912	12	35	25	5	987	15.94.8	
109	6084555	853030	6258486252981	94D08	3E2L	8P	410	10TFR	MRB	60A	35W 7	1483	16	27	12	5	743	19.39.5	
110	6084555	853031	6258326252971	94D08	3E2L	8B	410	10TFR	MORBR	25A	35W 19	856	10	38	32	5	1168	10.1	.2
111	5084555	853032	6258116252967	94D08	3E2L	8D	410	10TFR	MBR	40A	35W 11	611	11	42	33	5	949	8.35	.4
112	6084555	853033	6258006252956	94D08	3E2L	8B	410	10TFR	MBR	40A	35W 14	1166	9	40	46	5	1741	8.27	.4
113	6084555	853034	6257816252954	94D08	3E2L	8B	310	15TFR	DBR	50A	35W 22	1809	9	36	32	5	1134	11.73.4	
114	6084555	853035	6257646252944	94D08	3E2L	8B	910	15TFR	MORBR	90A	35W 5	662	7	36	30	5	464	7.68	.1
115	5084555	853036	6257466252938	94D08	3E2L	8P	410	15BMB	MOLBR	15A	35W 8	862	9	37	28	5	1114	8.22	.1
116	5084555	853037	~~6257276252935~~	~~94D08~~	~~3E2L~~	~~8P~~	~~410~~	~~25BMB~~	~~MOLBR~~	~~25M~~	35W 2	266	5	42	29	5	865	6.02	.2
11[illegible]	[illegible]084555	853038	6257086252928	94D08	3E2L	8P	415	35BMB	DBR	10M	35W 2	189	7	44	29	5	702	5.5	.2
11[illegible]	[illegible]084555	853039	6256916252922	94D08	3E2L	8P	510	20CIR	MGYGN	25M	35W 3	885	5	46	56	5	1265	7.67	.4

119	5084555	853040	6256736252918	94D08	3E2L	8P	410	25BMB	LBR	30M	35W 5	722	1	46	55	5	1303	6.65	.5
120	5084555	853041	6256526252912	94D08	3E2L	8P	510	30BMB223MOLBR		30A	35W 4	570	5	41	47	5	1059	6.65	.3
121	6084555	853042	6256346252906	94D08	3E2L	8P	310	15TFR	MOLBR	50A	35W 6	592	1	42	52	5	1117	6.77	.7
122	6084555	853043	6256126252903	94D08	3E2L	8P	310	20TFR	MOLBR	40A	35W 6	407	1	43	40	5	1077	6.38	.2
123	5084555	853044	6255916252899	94D08	3E2L	8D	410	30BMB	DBR	10A	35W 4	316	3	42	36	5	1338	5.94	.4
124	5084555	853045	6255726252890	94D08	3E2L	8B	410	20BMB	MBR	25A	35W 8	565	3	40	50	5	1404	7.09	.3
125	5084555	853046	6255526252886	94D08	3E2L	8D	410	20BMB	MBR	20A	40NW6	637	6	50	50	5	1868	6.84	.9
126	6084555	853047	6255236252884	94D08	3E2L	8B	410	10TFR	MRB	50A	38S 3	197	4	52	21	5	1281	5.74	.1
127	6084555	853048	6255106252875	94D08	3E2L	8B	4 5	5TFR	MRB	50A	38S 4	159	20	65	15	5	2199	6.93	.1
128	6084555	853049	6254946252867	94D08	3E2L	8B	4 5	5TFR	MRB	40A	38S 2	213	1	110	21	5	4151	5.74	.1
129	5084555	853050	6254786252857	94D08	3E2L	8D	410	20BFP	MRB	30A	40S 3	240	9	80	27	5	2585	5.66	.1
130	5084555	853051	6254656252847	94D08	3E2L	8P	410	15BMB	MBR	30M	37S 4	343	6	67	43	5	3706	5.94	.1
131	5084555	853052	6254486252837	94D08	3E2L	8D	410	30BMB	DBR	10M	37S 1	112	10	57	18	5	1525	4.32	.1
132	6084555	853053	6254316252829	94D08	3E2L	8B	410	15TFR	MBR	70A	37S 6	288	1	88	54	5	2607	5.17	.1
133	5084555	853054	6254116252818	94D08	3E2L	8D	410	25BMB	MOLBR	20A	37S 2	233	18	75	85	5	2275	5.62	.2
134	5084555	853055	6254236252799	94D08	3E2L	8B	410	15BFP	MBR	40A	42NW10	142	14	42	20	5	897	10.07.1	
135	6084555	853056	6253966252810	94D08	3E2L	8B	4 5	30TFR	MBR	40A	38S 3	307	7	68	39	5	2281	6.49	.1
136	5084555	853057	6253796252800	94D08	3E2L	8B	410	35BMB	MROLBR	35A	38S 8	265	34	113	98	5	4754	8.33	.1
137	6084555	853058	6253646252791	94D08	3E2L	8P	410	30TFR	MOLGY	50A	38S 1	145	14	145	16	5	4540	5.56	.1
138	5084555	1853059	6253496252782	94D08	3E2L	8P	410	25BMB	DOLBR	10A	36S 1	183	10	138	22	5	1955	4.58	.1
139	5084555	2853060	6253496252782	94D08	3E2L	8P	410	25BMB	DBR	30A	36S 1	130	8	82	18	5	1288	4.79	.1
140	5084555	853061	6253356252774	94D08	3E2L	8D	4 5	15BMB	MOLGY	30A	32S 1	190	1	126	56	5	1056	2.92	.2
141	5084555	853062	6253226252764	94D08	3E2L	8B	4 5	15BMB	MBR	30A	32S 1	136	7	90	18	5	1561	3.37	.1
142	5084555	853063	6253086252754	94D08	3E2L	8D	410	20BMB	MOLBR	20A	32SW3	570	10	93	42	5	1593	5.65	.2
14[illegible]	[illegible]84555	853064	6252916252744	94D08	3E2L	8B	9 5	5TFR	MBR	80A	32S 1	56	2	60	14	5	1073	3.58	.1
1[illegible]	[illegible]084555	853065	6252766252731	94D08	3E2L	8B	9 5	5TFR	LBR	60A	32S 1	212	1	65	24	5	1313	3.69	.1
145	5084555	853066	6252616252719	94D08	372L	8B	410	15BMB	MBR	10A	32S 3	310	7	80	35	5	1786	5.79	.2
146	5084555	853067	6252456252708	94D08	372L	8B	410	20BMB	MBR	25A	32S 2	237	3	69	31	5	1936	4.92	.1
147	6084555	853068	6263316252964	94D08	1E1L	8P	210	15TFR	LGYBR	40A	11	506	6	40	32	5	657	5.22	.3
148	6084555	853069	6263176252962	94D08	3E2L	8P	210	15TFR	MGYOLB	20A	36SW14	988	5	61	32	5	1692	6.5	.7
149	6084555	853070	6263026252956	94D08	3E2L	8P	210	20TFR	MGYOLB	20A	36SW5	2295	8	66	44	5	1410	7.41	1.1
150	6084555	853071	6262896252952	94D08	3E2L	8P	210	30TFR	MGYBR	60A	36SW6	799	3	57	56	5	1050	5.92	.7
151	6084555	853072	6262696252943	94D08	3E2L	8P	210	15TFR	MGYOLB	30A	36SW22	1172	6	55	56	5	1693	6.75	3.5
152	6084555	853073	6262436252937	94D08	3E2L	8P	210	15TFR	MOLBR	40A	36SW15	831	4	47	66	5	907	6.41	.4
153	6084555	853074	6262206252922	94D08	3E2L	8P	210	10TFR	MGYBR	60A	36SWZ	164	1	62	33	5	1156	5.68	.1
154	6084555	853075	6262016252913	94D08	3E2L	8B	4 5	5TFR	MRB	10A	43SW263	2709	15	49	39	5	1929	10.756.2	
155	6084555	853076	6261866252901	94D08	3E2L	8P	410	15TFR	MOLDR	20A	43SW71	1236	8	49	33	5	1302	10.952.6	
156	6084555	853077	6261746252879	94D08	3E2L	8P	410	25TFR	MRB	15S	39SW16	2470	8	45	23	5	1154	11.963.9	
157	6084555	853078	6261616252859	94D08	3E2L	8P	410	10TFR	MRB	5S	39SW55	3593	4	35	42	5	945	8.78	.4
158	6084555	853079	6261466252845	94D08	3E2L	8P	410	25TFR	MBR	20A	39SW24	2708	5	56	28	5	1070	6.14	.1
159	6084555	853080	6261296252831	94D08	3E2L	8P	210	20TFR	MOLBR	30A	41SW13	919	1	38	47	5	1404	6.58	.1
160	6084555	853081	6261096252815	94D08	3E2L	8P	410	20TFR	MBR	15A	46SW10	893	5	48	43	5	1536	6.24	.2
161	6084555	853082	6260896252800	94D08	3E2L	8P	210	15TFR	MOLBR	25A	46SW10	3576	4	51	60	5	2510	6.98	.2
162	6084555	853083	6260726252789	94D08	3E2L	8B	410	10TFR	DOLBR	50A	40SW18	8358	3	65	87	5	1581	5.85	.1
163	5084555	853084	6260486252773	94D08	3E2L	8B	410	20BMB	MBR	5A	40SW10	1984	5	53	57	5	1076	6.04	.1
164	5084555	853085	6260296252760	94D08	3E2L	8P	410	15BMB	MOLBR	10A	41SW7	1715	4	48	40	5	803	4.76	.1
165	6084555	853086	6260096252747	94D08	3E2L	8P	410	10TFR	MBR	20A	41SW50	824	8	41	35	5	836	5.55	1.4
166	6084555	853087	6259866252732	94D08	3E2L	8B	4 5	5TFR	MRB	40A	42SW11	768	4	50	25	5	779	6.37	.4
167	6084555	853088	6259686252714	94D08	3E2L	8P	410	15TFR	MBR	35A	42SW6	491	3	50	35	5	1391	5.21	.2
16[illegible]	[illegible]84555	853089	6259486252706	94D08	3E2L	8P	4 5	10TFR	MRB	35A	38SW6	580	4	45	27	5	791	5.06	.1
1[illegible]	[illegible]84555	853090	6259496252706	94D08	3E2L	8P	410	30TFR	MRB	40A	38SW6	470	2	50	27	5	837	4.92	.1

170	5084555	853091	6259246252696	94D08	3E2L	8P	4 5	10BFP	MOB	5B	38SW10	1058	3	29	10	5	642	6.58 .1
171	6084555	853092	6259046252688	94D08	3E2L	8P	4 5	10TFR	MOLBR	10A	38SW8	763	6	41	32	5	1375	6.48 .1
172	6084555	853093	6258826252675	94D08	3E1L	8P	4 5	5TFR	MBR	30M	33SW5	860	4	41	51	5	1956	5.3 .2
173	6084555	853094	6265176252775	94D08	1E2L	8B	4 5	10TFR	MGY	60A	3	371	7	64	56	5	1828	6.1 .2
174	6084555	853095	6264956252763	94D08	3E2L	8D	2 5	10TFR	DRB	80A	36SW2	265	5	40	30	5	567	4.86 .1
175	6084555	853096	6264756252751	94D08	3E2L	8D	910	20TFR	MRB	90A	36SW3	216	1	38	29	5	499	4.68 .1
176	6084555	853097	6264546252738	94D08	3E2L	8P	910	20TFR	MBR	75A	36SW2	590	4	31	52	5	403	4.83 .1
177	6084555	853098	6264396252724	94D08	3E2L	8P	2 5	10TFR	MBR	40A	36SW6	594	6	54	48	5	968	6.53 .6
178	6084555	853099	6264196252716	94D08	3E2L	8P	410	10TFR	MOLBR	15A	41SW4	545	5	80	100	5	2135	6.74 .1
179	6084555	853100	6263986252701	94D08	3E2L	8P	4 5	10TFR	MBR	30A	41SW39	421	7	76	28	5	2195	7.61 1.2
180	6084555	853101	6264006252677	94D08	3E2L	8P	4 5	10TFR	MRB	20A	41SW21	292	14	34	5	5	764	8.72 3.8
181	6084555	853102	6263746252667	94D08	3E2L	8P	410	15TFR	MOLBR	25A	41SW1	219	11	50	27	5	2206	3.8 .1
182	5084555	853103	6263566252651	94D08	3E2L	8B	4 5	10BMB	DOLBR	5A	41SW1	861	7	96	35	5	2122	6.19 .2
183	5084555	853104	6263366252643	94D08	3E2L	8B	4 5	15BMB	MBR	35A	38SW5	519	12	65	63	5	1458	6.52 .7
184	6084555	853105	6263186252616	94D08	3E2L	8B	4 5	10TFR	MOLBR	30A	38SW3	574	11	61	45	5	1286	5.69 .2
185	6084555	853106	6262976252600	94D08	3E2L	8B	410	15TFR	MOLBR	10A	38SW2	493	8	64	76	5	1440	5.58 .2
186	6084555	853107	6262726252593	94D08	3E2L	8B	4 5	5TFR	MOLBR	10A	37SW1	498	9	72	57	5	1974	6.26 .4
187	6084555	853108	6262516252578	94D08	3E2L	8B	4 5	10TFR	MOLBR	60A	36SW1	551	11	52	56	5	1369	5.58 .1
188	6084555	853109	6262296252570	94D08	3E2L	8P	410	20TFR	MOLBR	30A	36SW1	402	11	60	61	5	1513	5.83 .2
189	6084555	853110	6262076252563	94D08	3E2L	8P	410	15TFR	MOLBR	10A	36SW1	3401	20	42	90	5	1596	6.31 .1
190	6084555	853111	6261896252561	94D08	3E2L	8P	4 5	10TFR	MOLBR	20A	35SW8	4843	18	48	75	5	1450	9.76 .9
191	5084555	853112	6261706252545	94D08	3E2L	8P	510	20BTL	MOLBR	5A	35S 1	900	9	47	94	5	1160	6.16 .1
192	5084555	853113	6261496252528	94D08	3E2L	8P	410	20BMB	MOLBR	25A	35S 1	1188	14	40	60	5	1100	5.38 .1
193	6084555	853114	6261306252512	94D08	3E2L	8P	4 5	10TFR	MOLBR	40A	35S 1	795	13	42	50	5	1212	5.6 .1
19[illegible]	[illegible]084555	853115	6261086252495	94D08	3E2L	8P	4 5	15BMB	MOLBR	10A	35S 1	770	29	42	52	5	1142	6.1 .1
19[illegible]	[illegible]084555	853116	6260856252480	94D08	3E2L	8P	410	20BMB	MOLBR	5A	36S 1	883	13	42	53	5	966	5.42 .1
196	5084555	853117	6260646252466	94D08	3E2L	8P	410	15BMB	MOLBR	20A	38SW1	2663	15	60	58	5	1636	5.85 .1
197	5084555	853118	6260476252453	94D08	3E1L	8P	410	15BMB	LOLBR	40A	38SW1	572	10	54	49	5	1210	5.34 .1
198	5084555	853119	6260256252441	94D08	3E2L	8P	410	30BMB	MOLBR	35A	38SW1	378	1	48	42	5	1233	4.83 .1
199	5084555	853120	6260256252441	94D08	3E2L	8P	410	30BMB	MOLBR	40A	38SW1	412	22	54	37	5	1257	4.9 .1
200	5084555	853121	6273736251903	94D08	1E2L	8B	510	20BTL	MRB	10A	2	275	220	255	29	5	2830	5.75 .7
201	6084555	853122	6273636251877	94D08	3E2L	8B	410	20TFR	MGYBR	15A	26SW3	594	23	115	39	5	925	6.31 .2
202	5084555	853123	6273606251856	94D08	3E2L	8P	510	15BTL	MGYBR	10A	28SW1	532	9	94	30	5	1438	5.57 .1
203	6084555	853124	6273396251846	94D08	3E2L	8P	410	15TFR	MOLBR	30M	36SW1	370	15	120	27	5	1956	6.79 .1
204	6084555	853125	6273156251835	94D08	3E2L	8P	410	15TFR	MOLBR	30M	37SW5	430	34	170	37	5	1053	8.61 1.3
205	6084555	853126	6273016251810	94D08	3E2L	8P	3 5	10TFR	MOLBR	30A	38SW3	406	40	166	35	5	1203	6.49 .6
206	6084555	853127	6272886251790	94D08	3E2L	8B	310	15TFR	DGYOLB	50A	40SW1	296	11	155	92	5	1344	6.89 .1
207	6084555	853128	6272656251776	94D08	3E2L	8P	410	20TFR	DOLBR	40A	40SW19	2967	68	714	81	5	2006	8.26 1.3
208	6084555	853129	6272476251752	94D08	3E2L	8P	4 5	10TFR	MOLBR	15A	40SW4	843	52	175	76	5	1685	5.62 .5
209	6084555	853130	6272386251725	94D08	3E2L	8P	4 5	15TFR	MOLBR	40A	40S 2	1230	15	91	73	5	1478	4.96 .1
210	6084555	853131	6272206251703	94D08	3E2L	8P	4 5	10TFR	MOLBR	35A	40SW3	841	26	94	95	5	2113	6.41 .2
211	6084555	853132	6272036251690	94D08	3E2L	8P	4 5	5TFR	MOLBR	35A	40SW1	789	23	91	80	5	1565	6.06 .3
212	6084555	853133	6271846251677	94D08	3E2L	8B	410	15TFR	MOLBR	30A	40SW1	303	13	52	76	5	945	3.99 .1
213	6084555	853134	6271846251652	94D08	3E2L	8B	4 5	10TFR	MBR	20A	40S 1	1028	9	66	83	5	1135	5.34 .1
214	6084555	853135	6271716251628	94D08	3E2L	8B	2 5	5TFR	DGY	75A	40SW2	816	11	72	57	5	1648	6.03 .3
215	6084555	853136	6271556251606	94D08	3E2L	8B	4 5	5TFR	MRB	10A	50SW11	2693	19	59	87	5	1149	16.752.5
216	5084555	853137	6271346251589	94D08	3E2L	8B	410	20BMB	MOLORB	5A	38SW3	1037	10	80	33	5	1063	6.61 .1
217	5084555	853138	6271166251570	94D08	3E2L	8B	4 5	15BMB	MOLORB	15A	38SW2	780	14	47	26	5	924	3.89 .1
218	6084555	853139	6270976251563	94D08	3E2L	8B	4 5	5TFR	MOLBR	25A	38SW2	862	5	64	36	5	733	4.38 .2
21[illegible]	[illegible]084555	853140	6270766251557	94D08	3E2L	8P	4 5	10TFR	MOLBR	30A	42S 2	1111	6	48	45	5	661	3.29 .4
22[illegible]	[illegible]084555	853141	6270476251543	94D08	3E2L	8B	5 5	10TFR	MOLBR	10A	40SW1	541	11	85	32	5	1714	4.17 .6

221	6084555	853142	6270326251524	94D08	3E2L	8B	4 5	5TFR	MRB	45A	40SW1	361	278	155	32	5	3630	4.49	.9
222	6084555	853143	6270096251511	94D08	3E2L	8B	4 5	5TFR	NRB	5A	40SW9	452	55	84	25	5	1527	8.04	1.4
223	6084555	853144	6269936251495	94D08	3E2L	8B	4 5	10TFR	MBR	10A	41S 1	209	28	106	38	5	3124	5.04	.4
224	6084555	853145	6269726251473	94D08	3E2L	8B	4 5	10TFR	MBROL	40A	42S 1	615	19	104	36	5	2326	4.88	.7
225	6084555	853146	6269496251463	94D08	3E2L	8D	410	15TFR	MOLBR	20A	45S 1	262	40	85	28	5	1409	4.14	.4
226	6084555	853147	6269236251451	94D08	3E2L	8P	4 5	10TFR	MOLBR	60A	40S 7	191	12	98	27	5	2607	4.33	.5
227	6084555	853148	6268986251442	94D08	3E2L	8P	4 5	10TFR	MOLBR	30A	40S 2	175	21	119	24	5	2327	4.54	.5
228	6084555	853149	6268786251419	94D08	3E2L	8B	4 5	10TFR	DBR	10A	40S 6	188	20	186	23	5	2009	3.82	.3
229	6084555	853150	6268786251418	94D08	3E2L	8B	4 5	10TFR	MRB	5A	40S 2	157	10	223	16	5	995	2.38	.5
230	6084555	853151	6268646251393	94D08	3E2L	8B	4 5	10TFR	MBR	15A	41S 3	254	21	205	27	5	2092	4.43	.5
231	6084555	853152	6268586251370	94D08	3E2L	8B	4 5	15TFR	MOLBR	20A	41S 4	236	28	295	38	5	1663	4.63	1.5
232	6084555	853153	6268466251344	94D08	3E2L	8B	4 5	5TFR	MBR	15A	41S 3	524	19	137	29	5	1403	3.98	.4
233	6084555	853154	6268326251329	94D08	3E2L	8B	410	20TFR	MBR	30A	39S 1	313	11	119	20	5	2039	3.86	.3
234	6084555	853155	6268136251317	94D08	3E2L	8B	4 5	5TFR	MBR	15A	42S 2	395	17	134	41	5	1399	4.89	.3
235	6084555	853156	6268076251297	94D08	3E2L	8B	4 5	5TFR	MBR	10A	42S 3	343	21	176	50	5	2497	5.96	.5
236	6084555	853157	6268046251271	94D08	3E2L	8B	410	15TFR	DBR	30A	40S 4	248	56	185	41	5	1814	4.95	1
237	6084555	853158	6267886251247	94D08	3E2L	8P	410	20TFR	MBR	20A	40W 4	236	11	95	32	5	1182	5.36	.1
238	6084555	853159	6269746251880	94D08	3E2L	8P	2 5	15TFR	MBR	70A	30NW1	130	6	92	16	8	1161	5.38	.2
239	6084555	853160	6269466251879	94D08	3E2L	8P	4 5	15TFR	MOLBR	25A	42W 6	937	13	77	41	5	2117	6.55	.5
240	6084555	853161	6269196251879	94D08	3E2L	8P	4 5	15TFR	MOLBR	25A	42SW3	680	9	77	32	5	1424	5.96	.4
241	6084555	853162	6268976251875	94D08	3E2L	8B	410	15TFR	MOLBR	10A	42W 4	540	15	63	45	5	1616	6.5	1.4
242	6084555	853163	6268746251867	94D08	3E2L	8B	4 5	15TFR	MOLB	40A	42W 2	365	6	77	34	5	1283	5.53	.3
243	6084555	853164	6268456251868	94D08	3E2L	8P	410	20TFR	MOLBR	5A	42W 1	500	11	64	52	5	1332	5.17	.2
244	6084555	853165	6268196251867	94D08	3E2L	8P	410	25TFR	MOLBR	15A	42W 1	474	11	58	32	5	1197	4.63	.6
24[illegible]	[illegible]84555	853166	6267956251863	94D08	3E2L	8B	410	15TFR	MOLBR	10A	42W 1	405	11	57	40	5	1213	4.86	.5
24[illegible]	[illegible]084555	853167	6267696251861	94D08	3E2L	8B	5 5	15TFR	MBR	35A	46SW1	477	10	56	35	11	1433	4.69	.4
247	6084555	853168	6267456251857	94D08	3E2L	8B	4 5	10TFR	DBR	35A	41SW1	329	9	55	23	26	1178	4.31	.2
248	6084555	853169	6267226251851	94D08	3E2L	8B	4 5	10TFR	MOLBR	20A	42SW1	385	13	56	32	11	1027	4.36	.3
249	6084555	853170	6267026251843	94D08	3E2L	8P	4 5	10TFR	MOLBR	15A	37SW1	311	10	55	33	5	1213	4.52	.2
250	6084555	853171	6266806251835	94D08	3E2L	8B	4 5	10TFR	MOLBR	15A	37SW1	781	8	65	47	5	1512	4.99	.3
251	6084555	853172	6266576251829	94D08	3E2L	8B	410	20TFR	MBR	20A	36SW1	657	10	58	48	5	1547	5.87	.9
252	6084555	853173	6266326251813	94D08	3E2L	8P	4 5	15TFR	MOLBR	40A	36SW1	188	5	97	34	5	1515	5.61	.1
253	6084555	853174	6266146251801	94D08	3E2L	8P	4 5	5TFR	MOLBR	30A	41SW1	877	6	64	67	5	1600	5.42	.6
254	5084555	853175	6265876251787	94D08	3E2L	8P	5 5	10BFP	MOB	10A	41SW1	905	9	61	44	5	841	6.26	.8
255	6084555	853176	6265666251771	94D08	3E2L	8D	410	15TFR	MBR	35A	39SW1	1119	11	75	51	5	1640	7.75	.4
256	6084555	853177	6265446251760	94D08	3E2L	8B	410	15TFR	MBR	20A	40SW1	573	8	79	21	5	1807	5.75	.5
257	5084555	853178	6265196251746	94D08	3E2L	8P	510	25BFP	MOB	10A	40SW1	318	36	66	24	5	790	5.29	.8
258	5084555	853179	6265006251735	94D08	3E2L	8P	410	20BMB	MOB	25A	40SW1	189	7	78	32	5	2158	4.64	.4
259	5084555	853180	6265006251735	94D08	3E2L	8P	410	30BMB	MOB	20A	40SW2	191	8	83	27	9	2125	4.96	.4
260	6084555	853181	6275366251337	94D08	1E2L	8D	410	20TFR	MOLGN	25H	27SW1	210	3	51	26	13	658	3.87	.2
261	6084555	853182	6275136251334	94D08	3E2L	8P	4 5	5TFR	MOLBR	15A	40SW2	251	3	66	43	11	853	5.08	.1
262	6084555	853183	6274916251325	94D08	3E2L	8B	4 5	10TFR	MOLGY	15A	40SW1	383	11	75	64	11	1302	5.09	.3
263	6084555	853184	6274676251311	94D08	3E2L	8P	3 5	10TFR	MBR	40A	40SW2	314	9	91	61	19	1901	5.86	.3
264	6084555	853185	6274466251296	94D08	3E2L	8B	4 5	10TFR	DOLBR	35A	40SW1	527	4	53	27	5	1320	3.91	.2
265	6084555	853186	6274306251277	94D08	3E2L	8B	4 5	10TFR	DBR	10A	40SW2	423	10	68	30	6	1585	4.7	.2
266	6084555	853187	6274146251260	94D08	3E2L	8B	4 5	5TFR	DOLBR	25A	40SW1	468	10	72	35	6	1491	4.91	.3
267	6084555	853188	6273946251245	94D08	3E2L	8B	4 5	10TFR	DOLBR	15A	40SW2	619	19	83	53	11	1246	5.7	.9
268	6084555	853189	6273756251231	94D08	3E2L	8B	4 5	10TFR	DOLBR	5A	40SW40	5168	71	119	107	8	2967	10.555.5	
269	6084555	853190	6273586251216	94D08	3E2L	8P	4 5	10TFR	DOLBR	20A	40SW11	1220	59	91	74	11	1561	7.57	2
27[illegible]	[illegible]84555	853191	6273426251207	94D08	3E2L	8B	4 5	15TFR	MOLBR	15A	40SW2	216	22	91	40	10	1782	5.87	.5
27[illegible]	[illegible]84555	853192	6273226251194	94D08	3E2L	8B	5 5	10TFR	MBR	5A	52SW24	146	18	104	18	14	1944	7.09	1.5

272	6084555	853193	6273036251173	94D08	3E2L	8P	310	20TFR	MRORBR	10A	35SW22	62	17	171	8	25	3951	8.76	.1
273	6084555	853194	6272906251155	94D08	2E2L	8B	2 5	15TFR	MRB	50A	18SW1	41	5	51	3	5	639	1.96	.2
274	6084555	853195	6272686251151	94D08	3E2L	8B	4 5	10TFR	MRB	20A	31SW6	213	22	141	34	5	3072	6.03	.4
275	6084555	853196	6272406251142	94D08	3E2L	8B	4 5	10TFR	DBR	30A	43SW11	217	18	110	12	5	2175	5.41	.6
276	6084555	853197	6272196251143	94D08	3E2L	8B	4 5	10TFR	DBR	20A	43S 12	183	15	148	16	5	2438	5.45	.6
277	6084555	853198	6272086251124	94D08	3E2L	8B	4 5	10TFR	DBR	15A	43S 98	290	11	116	31	5	4156	7.9	3
278	6084555	853199	6271996251102	94D08	3E2L	8B	4 2	5TFR	DBR	40A	43S 41	309	14	205	26	5	4475	7.88	.9
358	6084555	853900		94D08	321L	P	310	10BTL2	DBR	90A	25S 4	755	9	45	24	5	1200	4.08	.3
359	6084555	853901		94D08	321L	P	310	15BTL2	MBR	80A	25S 5	463	8	41	14	5	931	5.01	.4
360	6084555	853902		94D08	321L	P	310	10BFP	MOB	70A	25S 5	334	12	42	10	5	612	6.42	.4
361	6084555	853903		94D08	321L	P	311	10BFP	MOB	60A	25S 5	512	13	49	11	5	497	8.73	.6
362	6084555	853904		94D08	321L	P	310	10BFP	MOB	60A	25S 6	349	10	43	7	5	497	6.85	.5
363	6084555	853905		94D08	3 1L	1P	310	10TFP	MOB	60A	25S 5	296	11	46	6	5	462	6.98	.6
364	6084555	853906		94D08	- 1L	1P	310	10TFP	MOB	50A	25S 6	430	16	65	7	5	1237	6.85	.5
365	6084555	853907		94D08	- 1L	1P	310	10TFP	MOB	50A	25S 6	370	12	61	7	5	918	6.53	.6
366	6084555	853908		94D08	- 1L	1P	310	10TFP	MOB	60A	25S 7	148	22	49	19	5	659	8.64	.4
367	6084555	853909		94D08	- 1L	1P	310	10TFP	MOB	50A	25S 14	286	16	66	21	5	4426	6.36	.5
368	6084555	853910		94D08	3 1L	P	310	10TFP	MOB	60A	25S 6	231	30	50	16	5	1319	8.35	.5
369	6084555	853911		94D08	3 1L	P	310	10TFP	MOB	60A	25S 8	121	12	26	9	5	348	8.6	.2
370	6084555	853912		94D08	3 1L	P	310	10TFP	MOB	80A	25S 5	73	6	23	3	5	287	6.76	.1
371	6084555	853913		94D08	3 1L	P	310	10TFL	MGYBR	80A	25S 6	335	6	33	7	5	640	5.78	.3
372	6084555	853914		94D08	3 1L	P	310	10TFL	MGYBR	70A	25S 4	307	9	55	19	5	1187	4.63	.5
373	6084555	853915		94D08	3 1L	1P	310	10TFL	MBR	90A	25S 20	621	9	64	11	5	2429	6.12	.6
374	6084555	853916		94D08	3 1L	1P	310	10TFP	MORBR	60A	25S 7	202	12	44	11	5	544	7.55	.3
37[illegible]	[illegible]84555	853917		94D08	3 1L	1P	310	10TFP	DOB	40A	25S 9	130	13	41	18	5	781	6.11	.5
37[illegible]	[illegible]084555	853918		94D08	3 1L	1P	310	10TFP	MGYBR	70A	25S 5	229	13	44	19	5	822	6.54	.4
377	6084555	853919		94D08	3 1L	1P	310	10TFL	MBR	80A	25S 10	307	8	50	16	5	1638	4.34	.7
378	6084555	853920		94D08	321L	1P	310	10TFP	MBR	70A	25S 6	400	5	39	36	5	697	4.23	.2
379	6084555	853921		94D08	321L	1P	310	10TFL	DBR	95A	20S 4	280	7	59	34	5	922	5.05	.2
380	6084555	853922		94D08	321L	1P	310	10TFL	DBR	95A	25S 5	340	7	215	22	5	1262	4.99	.3
381	6084555	853923		94D08	321L	1P	310	15TFP	MOB	90A	25S 8	962	5	54	68	5	1248	6.44	.4
382	6084555	853924		94D08	321L	1P	310	10TFP	MOB	70	35S 2	267	4	84	29	5	1415	5.12	.3
383	6084555	853925		94D08	321L	1B	310	10TFL	DBR	70A	35S 3	313	4	71	25	5	1245	5.12	.4
384	6084555	853926		94D08	321L	1B	310	10TFL	MBR	75A	35S 4	208	7	54	14	5	1263	5.6	.2
385	6084555	853927		94D08	321L	1P	310	10TFP	MOB	60A	35S 5	114	8	49	10	5	845	5.39	.3
386	6084555	853928		94D08	321L	1P	310	10TFP	MOB	80A	35S 8	271	13	54	15	5	1585	6.65	.7
387	6084555	853929		94D08	321L	1P	310	10TFP	MOB	80A	35S 6	169	17	54	21	5	802	8.73	.3
388	6084555	853930		94D08	3312	1D	310	10TFP	MOB	40A	35S 4	142	19	56	11	5	523	6.58	.4

REC#	SMPL#	CO	AU	AU?	AS	HG	SB	SN	W	F	TH	CD	BI	V	BA	SR	SI	AL	CA	MG	NA	K	ZR?	CE?	TI
80	853001	131	80	1	4		7	2	3		2	2	2	94	112	79	.02	2.79	.51	1.54	.03	.21	2	2	.1
81	853002	168	155	1	6		3	2	3		2	1	2	119	105	192	.04	2.91	.88	1.93	.02	.16	2	2	.06
82	853003	182	120	1	7		6	2	2		2	1	2	94	99	198	.03	2.37	.8	1.37	.03	.16	2	2	.06
83	853004	148	145	1	6		5	2	2		2	1	2	119	125	228	.02	2.61	.76	1.88	.02	.2	2	2	.09
84	853005	91	150	1	4		4	2	2		2	1	2	114	116	179	.02	3.02	.83	2.23	.02	.21	2	2	.07
85	853006	39	45	1	4		5	2	2		2	1	2	93	53	60	.02	2.02	.53	1.85	.02	.13	2	2	.08
86	853007	75	240	1	4		3	2	2		2	1	2	116	165	142	.02	2.79	.67	2.16	.02	.28	2	2	.11
87	853008	117	265	1	2		6	2	2		2	1	2	103	175	146	.02	2.28	.65	1.65	.02	.26	2	2	.09
88	853009	122	960	1	9		6	2	2		2	1	2	99	133	124	.02	2.21	.54	1.55	.02	.18	2	2	.08
89	853010	118	740	1	4		5	2	2		2	1	2	124	143	103	.03	2.88	.65	2.13	.02	.23	2	2	.09
9[illegible]	[illegible]53011	125	250	1	3		5	2	2		2	1	2	118	127	105	.03	2.71	.68	2.34	.01	.21	2	2	.08
9[illegible]	[illegible]53012	125	270	1	5		4	2	2		2	1	2	90	91	152	.04	2.64	.75	1.94	.02	.14	2	2	.08

92	853013	85	210	1	4	2	2	2	2	1	2	118	186	100	.02	2.93	.72	2.95	.01	.23	3	2	.07
93	853014	118	275	1	2	5	2	2	2	1	2	113	118	60	.02	2.15	.48	2.05	.01	.23	2	2	.08
94	853015	27	40	1	2	2	2	2	2	1	2	115	61	27	.02	2.25	.47	2.5	.02	.16	2	2	.09
95	853016	180	85	1	4	3	2	2	2	1	2	98	92	128	.04	2.45	.59	1.69	.02	.18	2	2	.09
96	853017	38	70	1	2	4	2	2	2	1	2	102	53	28	.02	2.31	.37	2.5	.02	.11	2	2	.08
97	853018	114	80	1	2	3	2	2	2	1	2	99	128	69	.02	2.01	.46	1.66	.01	.2	2	2	.07
98	853019	82	175	1	3	2	2	2	2	1	2	111	160	63	.02	2.7	.62	2.08	.01	.34	2	2	.1
99	853020	60	50	1	11	2	2	2	2	1	2	130	148	30	.02	3.62	.61	4.17	.01	.28	2	2	.08
100	853021	43	35	1	8	4	2	2	2	1	2	116	163	43	.04	3.23	.39	2.64	.01	.18	2	2	.11
101	853022	61	40	1	8	3	2	2	2	1	2	95	147	74	.05	3.08	.68	1.82	.03	.16	2	2	.09
102	853023	35	35	1	6	4	2	2	2	1	2	109	139	50	.05	3.12	.53	2.19	.02	.1	2	2	.09
103	853024	93	160	1	9	2	2	2	3	1	5	63	76	31	.02	2.22	.5	1.27	.01	.14	2	2	.08
104	853025	73	170	1	8	2	2	2	2	2	2	123	169	37	.03	3	.73	2.38	.01	.58	2	2	.11
105	853026	47	660	1	12	2	2	2	5	1	17	90	374	29	.03	2.09	.37	1.6	.01	.63	4	2	.11
106	853027	77	550	1	2	2	2	2	2	2	2	144	156	42	.03	2.94	.66	2.54	.01	.21	2	2	.08
107	853028	89	160	1	6	3	2	2	2	1	2	110	147	35	.01	2.54	.31	2.06	.01	.13	2	2	.08
108	853029	74	175	1	22	2	2	2	4	1	29	89	188	56	.02	1.87	.13	.96	.02	.25	2	2	.15
109	853030	77	125	1	13	8	2	2	5	1	10	81	126	33	.02	1.31	.1	.46	.01	.15	2	2	.15
110	853031	84	165	1	10	2	2	2	2	1	15	88	140	61	.03	2.2	.42	1.15	.01	.18	2	2	.13
111	853032	54	110	1	6	3	2	2	3	1	4	103	123	55	.02	2.45	.26	1.45	.01	.08	2	2	.11
112	853033	155	220	1	7	2	2	2	2	1	7	92	158	67	.03	2.58	.29	1.56	.01	.1	2	2	.1
113	853034	109	225	1	14	2	2	2	4	2	22	87	126	53	.02	2	.21	1.1	.01	.11	2	2	.1
114	853035	25	90	1	2	4	2	2	2	1	8	75	63	25	.02	1.85	.24	1.55	.02	.14	2	2	.1
115	853036	82	170	1	7	3	2	2	4	1	5	80	117	58	.02	2.07	.32	1.27	.02	.1	2	2	.09
1[illegible]	[illegible]53037	33	90	1	5	5	2	2	2	1	4	91	98	44	.02	2.43	.32	1.66	.01	.09	2	2	.08
11[illegible]	853038	25	100	1	2	5	2	2	2	1	2	93	96	44	.02	2.35	.25	1.45	.01	.06	2	2	.09
118	853039	71	145	1	5	4	2	2	2	1	2	94	104	32	.02	2.09	.5	2.13	.01	.25	2	2	.06
119	853040	65	130	1	3	2	2	2	2	1	2	113	132	48	.02	2.66	.44	2.31	.01	.27	2	2	.09
120	853041	54	175	1	3	3	2	2	2	1	4	81	120	41	.02	1.99	.39	1.73	.01	.17	2	2	.06
121	853042	75	170	1	3	2	2	2	2	1	4	107	130	61	.02	2.49	.43	2.13	.01	.22	2	2	.09
122	853043	59	150	1	4	2	2	2	2	1	2	84	142	113	.03	2.36	.49	1.72	.02	.16	2	2	.08
123	853044	48	120	1	2	2	2	2	2	1	2	94	137	56	.02	2.35	.31	1.63	.02	.09	2	2	.06
124	853045	79	170	1	3	2	2	2	2	1	2	92	147	67	.03	2.47	.37	1.8	.02	.17	2	2	.08
125	853046	84	195	1	5	2	2	2	2	1	4	104	173	64	.02	2.61	.44	2.1	.01	.19	2	2	.08
126	853047	66	95	1	3	3	2	2	2	1	2	77	910	525	.02	3.16	.81	1.15	.05	.19	2	2	.1
127	853048	59	85	1	3	2	2	2	2	1	6	69	227	174	.05	2.67	.55	1.02	.02	.15	2	2	.13
128	853049	132	75	1	7	2	2	2	2	1	4	71	292	136	.05	2.93	.75	1.39	.03	.28	2	2	.12
129	853050	86	105	1	3	2	2	2	2	1	4	72	179	100	.03	2.4	.55	1.58	.02	.16	2	2	.07
130	853051	63	70	1	2	3	2	2	2	1	3	92	175	65	.02	2.67	.35	1.83	.02	.11	2	2	.07
131	853052	32	45	1	2	5	2	2	2	1	2	65	121	53	.02	2.23	.3	1.23	.01	.14	2	2	.05
132	853053	87	170	1	17	2	2	2	2	1	2	63	183	113	.05	2.03	.52	1.33	.01	.15	2	2	.06
133	853054	65	35	1	43	2	2	2	2	1	2	84	121	51	.03	2.98	.55	2.61	.01	.1	2	2	.06
134	853055	36	60	1	19	2	2	2	3	1	20	76	112	130	.02	2.33	.23	1.37	.01	.14	2	2	.21
135	853056	59	80	1	11	2	2	2	2	1	3	75	293	52	.02	2.42	.42	1.84	.01	.16	2	2	.08
136	853057	62	180	1	11	2	2	2	2	3	12	77	116	30	.03	3	.27	2.5	.01	.08	2	2	.03
137	853058	26	55	1	4	2	2	2	2	1	2	50	235	24	.02	2.73	.36	2.17	.01	.09	2	2	.01
138	853059	22	60	1	4	2	2	2	2	1	2	75	183	83	.05	4.06	.79	1.71	.02	.16	2	2	.08
139	853060	18	35	1	3	2	2	2	2	1	2	68	164	50	.05	2.84	.34	1.23	.01	.11	2	2	.06
140	853061	14	65	1	2	2	2	2	2	1	2	57	203	21	.01	2.11	.67	2.68	.01	.22	2	2	.07
1[illegible]	[illegible]53062	16	65	1	3	2	2	2	2	1	2	43	115	66	.04	2.08	.48	1.04	.01	.12	2	2	.04
14[illegible]	[illegible]53063	48	265	1	3	2	2	2	2	1	2	96	157	100	.04	3.27	.69	2.14	.03	.17	2	2	.08

143	853064	3	25	1	2	3	2	2	2	1	2	36	60	17	.01	1.86	.34	1.53	.02	.09	2	2	.04
144	853065	25	80	1	3	3	2	2	2	1	2	55	138	94	.05	3.65	1.4	1.38	.01	.24	2	2	.05
145	853066	44	110	1	3	3	2	2	2	1	2	84	180	91	.06	2.97	.63	1.85	.01	.19	2	2	.08
146	853067	30	90	1	4	2	2	2	2	1	2	75	159	66	.06	2.9	.56	1.71	.01	.16	2	2	.07
147	853068	97	395	1	3	2	2	2	2	1	4	118	93	7	.01	1.87	.26	2.19	.02	.25	2	2	.07
148	853069	43	260	1	2	2	2	2	2	1	2	113	107	34	.01	2.58	.72	2.14	.01	.09	2	2	.04
149	853070	93	445	1	6	2	2	2	2	1	2	181	180	44	.01	3.15	.62	3.2	.01	.21	2	2	.09
150	853071	70	130	1	4	2	2	2	2	1	2	154	116	25	.02	2.75	1.13	3.12	.01	.22	2	2	.07
151	853072	134	2025	2	2	2	2	2	2	1	5	143	262	39	.01	2.67	.6	2.61	.01	.25	2	2	.06
152	853073	117	125	1	2	2	2	2	2	1	2	118	112	27	.03	2.41	.42	2.65	.02	.2	2	2	.08
153	853074	22	35	1	2	2	2	2	2	1	2	140	52	18	.02	2.68	.47	2.92	.02	.12	2	2	.07
154	853075	197	1770	28	5	2	2	2	2	1	22	115	234	85	.02	4.38	.85	1.45	.03	.26	2	2	.09
155	853076	70	1055516		3	2	2	2	2	1	21	129	193	74	.03	2.67	.52	1.92	.01	.57	2	2	.13
156	853077	65	1186026		7	2	2	2	4	1	32	100	168	45	.02	2.46	.42	1.46	.01	.41	3	2	.14
157	853078	134	2265	1	5	2	2	2	2	1	10	119	438	154	.02	3.06	.57	1.8	.02	.72	2	2	.13
158	853079	68	295	1	5	2	2	2	2	1	2	136	363	65	.05	3.69	.57	2.59	.01	.76	2	2	.15
159	853080	124	140	1	5	2	2	3	2	1	2	105	144	111	.06	2.72	.69	1.89	.01	.3	2	2	.08
160	853081	95	175	1	6	2	2	2	2	1	2	123	121	215	.09	4.3	1.16	2.2	.02	.22	2	2	.08
161	853082	202	320	1	5	2	2	4	2	1	5	114	131	133	.07	3.4	.68	2.01	.02	.1	2	2	.07
162	853083	174	120	1	3	6	2	2	2	1	2	103	91	64	.09	3.81	1	2.26	.01	.08	2	2	.05
163	853084	77	90	1	3	2	2	2	2	1	2	100	140	68	.06	3.62	.89	2.24	.02	.07	2	2	.07
164	853085	38	120	1	2	2	2	2	2	1	2	84	151	92	.06	3.56	1.11	1.88	.01	.19	2	2	.08
165	853086	29	360	3	4	2	2	2	2	1	2	85	142	76	.05	2.73	.65	1.75	.01	.12	2	2	.07
166	853087	49	145	1	5	2	2	2	2	1	2	102	258	52	.02	2.81	.33	1.82	.01	.25	2	2	.14
16[illegible]	[illegible]3088	32	75	1	5	2	2	2	2	1	2	100	198	58	.04	3.1	.56	1.96	.01	.09	2	2	.08
168	[illegible]53089	37	440	1	2	2	2	2	2	1	2	77	163	54	.04	2.63	.55	1.45	.01	.09	2	2	.06
169	853090	31	230	1	3	2	2	2	2	1	2	82	157	53	.03	2.64	.55	1.48	.01	.08	2	2	.06
170	853091	45	70	1	4	3	2	2	3	1	2	100	79	51	.02	1.26	.23	.56	.02	.03	2	2	.08
171	853092	70	155	1	6	2	2	2	2	1	2	70	127	70	.02	2.19	.47	1.55	.02	.12	2	2	.08
172	853093	78	350	1	2	2	2	4	2	1	2	61	194	119	.01	2.82	.76	1.96	.03	.1	2	2	.04
173	853094	50	45	1	2	2	2	2	2	1	2	144	79	49	.01	4.57	1.09	3.31	.03	.07	2	2	.05
174	853095	26	20	1	2	2	2	2	2	1	2	78	35	30	.02	1.98	.45	1.72	.03	.06	2	2	.14
175	853096	26	50	1	2	2	2	2	2	1	2	79	38	30	.02	2.1	.51	1.79	.03	.08	2	2	.14
176	853097	31	50	1	2	2	2	2	2	1	2	73	25	74	.02	1.89	.46	1.85	.04	.05	2	2	.13
177	853098	38	235	1	4	2	2	2	2	1	2	135	55	32	.02	2.71	.37	3	.03	.07	2	2	.1
178	853099	76	50	1	3	2	2	2	2	1	2	200	263	58	.02	3.71	.78	3.81	.01	.31	2	2	.11
179	853100	59	15	2	4	2	2	2	2	1	8	115	80	59	.04	3.27	.68	2.08	.03	.06	2	2	.08
180	853101	16	8555	7	3	4	2	2	6	1	5	71	112	41	.01	1.29	.22	.79	.1	.12	2	2	.07
181	853102	26	160	1	5	5	2	2	2	1	2	56	150	127	.02	2.46	.61	1.29	.02	.06	2	2	.04
182	853103	39	80	1	2	2	2	2	3	1	2	163	131	76	.02	3.38	.72	2.81	.01	.11	2	2	.1
183	853104	51	620	1	3	2	2	2	2	1	2	111	96	143	.05	3.56	.74	2.03	.02	.08	2	2	.08
184	853105	61	120	1	7	5	2	2	2	1	2	95	112	161	.03	3.56	.99	1.78	.04	.06	2	2	.06
185	853106	44	230	1	6	2	2	2	2	1	2	119	74	128	.05	3.49	.89	2.65	.02	.07	2	2	.06
186	853107	48	150	1	4	2	2	2	3	1	2	142	134	100	.06	4.09	1.11	2.91	.02	.12	2	2	.07
187	853108	63	165	1	5	5	2	2	3	1	2	103	96	106	.04	3.19	.65	1.96	.02	.07	2	2	.08
188	853109	48	105	1	3	2	2	2	2	1	2	121	117	74	.04	3.29	.7	2.48	.02	.05	2	2	.08
189	853110	112	810	1	6	3	2	2	2	1	9	114	64	58	.05	3.01	.92	2.74	.01	.08	2	2	.07
190	853111	141	720	2	7	2	2	2	2	1	18	92	49	44	.04	2.3	.8	2.06	.01	.06	5	2	.07
191	853112	69	50	1	7	2	2	2	2	1	2	142	48	44	.04	3.78	1.39	4.1	.01	.15	3	2	.09
19[illegible]	[illegible]3113	62	65	1	6	3	2	2	2	1	6	104	79	74	.05	3.14	.79	2.43	.01	.13	2	2	.12
19[illegible]	[illegible]3114	57	175	1	5	3	2	2	2	1	2	112	104	60	.04	3.31	.67	2.49	.01	.16	2	2	.12

194	853115	68	295	1	5	2	2	2	2	1	2	113	111	53	.02	3.09	.56	2.31	.01	.1	2	2	.11
195	853116	91	165	1	4	3	2	2	2	1	2	109	145	43	.02	3.02	.63	2.58	.01	.29	2	2	.12
196	853117	100	60	1	2	2	2	2	2	1	2	112	294	46	.04	3.67	.85	2.79	.01	.53	2	2	.12
197	853118	50	50	1	2	2	2	2	2	1	2	122	387	50	.06	3.96	.98	3.14	.01	.78	2	2	.16
198	853119	41	40	1	2	2	2	2	2	1	4	93	199	53	.06	3.29	.81	2.24	.02	.18	2	2	.07
199	853120	44	65	1	2	3	2	2	2	1	4	90	184	66	.05	3.53	.9	2.31	.02	.19	2	2	.08
200	853121	33	175	1	12	2	2	2	2	3	2	46	809	19	.01	1.64	.56	.83	.01	.07	2	2	.01
201	853122	25	275	1	6	3	2	2	3	1	4	126	103	38	.01	2.57	.51	2.09	.01	.05	2	2	.07
202	853123	20	90	1	2	2	2	2	2	1	2	116	84	41	.01	2.96	.75	2.59	.01	.03	2	2	.05
203	853124	19	110	1	2	2	2	2	3	1	9	145	60	28	.01	3.13	.57	2.97	.01	.03	2	2	.05
204	853125	29	340	1	6	2	2	2	3	1	18	175	97	21	.01	1.7	.39	1.67	.01	.03	2	2	.06
205	853126	24	425	1	2	2	2	3	3	2	11	131	154	21	.01	1.82	.39	1.81	.01	.04	2	2	.05
206	853127	25	2220	1	5	2	2	2	2	1	9	182	51	27	.03	3.77	1.05	4.64	.01	.07	2	2	.14
207	853128	65	20	1	10	2	2	2	2	3	15	182	87	16	.02	3.44	.47	4.13	.01	.09	3	2	.11
208	853129	35	150	1	5	2	2	2	2	1	6	134	74	37	.01	2.84	.66	3.6	.01	.1	2	2	.09
209	853130	71	395	1	6	3	2	2	2	1	2	99	66	69	.03	2.09	.92	1.87	.01	.11	2	2	.09
210	853131	94	100	1	11	2	2	2	2	1	3	146	76	46	.02	2.87	.8	3.01	.01	.18	2	2	.11
211	853132	57	240	1	7	2	2	2	2	1	5	134	102	78	.08	3.6	1.05	2.98	.01	.13	2	2	.1
212	853133	26	50	1	2	2	2	2	2	1	2	92	73	46	.04	2.55	.85	2.62	.01	.23	2	2	.11
213	853134	76	210	1	13	2	2	2	2	1	4	106	138	93	.05	3.2	1.04	2.51	.02	.23	2	2	.14
214	853135	60	45	1	5	2	2	2	2	1	11	131	103	54	.02	3.35	2.77	3	.02	.07	2	2	.1
215	853136	215	2355	1	20	2	2	2	4	1	43	138	58	19	.04	3.47	.25	2.15	.01	.06	8	2	.14
216	853137	60	60	1	2	2	2	2	2	1	8	84	289	27	.03	3.57	.67	2.83	.01	.61	2	2	.23
217	853138	111	75	1	7	6	2	2	2	1	2	76	106	81	.03	3.27	1.27	1.4	.01	.2	2	2	.07
2[illegible]	[illegible]53139	34	150	1	4	2	2	2	2	1	2	75	92	72	.08	3.7	1.19	1.94	.02	.18	2	2	.08
21[illegible]	[illegible]53140	36	290	1	6	2	2	2	2	1	2	50	60	46	.08	2.59	.89	1.56	.01	.15	2	2	.05
220	853141	22	185	1	2	2	2	2	2	1	2	63	154	91	.08	4.01	1.24	2.47	.02	.13	2	2	.09
221	853142	17	235	1	2	2	2	3	2	3	2	39	211	23	.02	2.27	.83	1.55	.01	.07	2	2	.01
222	853143	76	235	1	208	3	2	2	4	1	8	82	155	62	.03	3.28	.43	1.7	.02	.05	2	2	.1
223	853144	31	185	1	3	2	2	2	3	2	2	65	288	31	.01	3.43	.69	2.73	.01	.07	2	2	.02
224	853145	25	95	1	2	2	2	2	2	1	2	78	187	79	.05	4.06	.85	2.56	.01	.09	2	2	.06
225	853146	20	30	1	3	2	2	3	2	1	2	63	157	62	.05	3.28	.9	2.22	.01	.16	2	2	.1
226	853147	27	30	1	3	3	2	6	2	1	2	56	323	179	.09	4.09	1.14	1.89	.03	.1	3	2	.07
227	853148	20	35	1	2	3	2	2	2	1	2	64	262	134	.06	3.89	.98	1.99	.03	.09	2	2	.06
228	853149	25	25	1	2	3	2	7	2	2	2	58	177	169	.05	4.1	.99	1.23	.03	.08	2	2	.05
229	853150	15	20	1	3	3	2	3	2	1	2	35	89	119	.02	5.37	2.09	.76	.03	.09	2	2	.04
230	853151	23	80	1	3	2	2	14	3	1	2	64	196	189	.11	4.15	.98	1.67	.02	.13	2	2	.07
231	853152	16	20	8	2	2	2	5	2	2	3	75	154	105	.07	3.71	.86	2.22	.03	.11	2	2	.08
232	853153	23	70	1	2	2	2	9	3	1	3	63	135	107	.03	3.98	.94	1.5	.01	.12	2	2	.08
233	853154	21	30	1	3	2	2	8	2	1	2	62	130	148	.02	4.57	1.35	1.54	.01	.14	2	2	.11
234	853155	27	40	1	2	2	2	8	3	1	6	89	121	111	.1	3.97	.72	1.95	.01	.13	2	2	.12
235	853156	40	25	1	2	2	2	16	3	1	2	92	162	142	.1	3.57	.92	2.14	.03	.28	2	2	.12
236	853157	33	20	1	8	2	2	28	3	3	3	86	152	141	.11	3.65	.9	1.69	.04	.07	2	2	.07
237	853158	30	25	1	3	2	2	10	3	1	8	83	160	96	.05	3.19	.48	1.41	.03	.11	2	2	.11
238	853159	22	15	1	3	5	2	2	2	1	2	114	33	43	.02	2.82	.73	2.45	.02	.05	2	2	.14
239	853160	77	380	1	6	5	2	2	2	1	2	124	168	55	.01	3.46	.81	2.95	.01	.1	3	2	.07
240	853161	53	55	1	2	7	2	2	2	1	2	113	90	52	.01	2.99	.72	2.55	.01	.09	2	2	.1
241	853162	55	230	4	2	8	2	2	2	1	2	119	169	46	.01	3.07	.69	2.51	.01	.06	2	2	.07
242	853163	40	50	1	2	5	2	2	2	1	2	114	76	56	.03	3.18	.84	2.53	.02	.06	2	2	.11
2[illegible]	[illegible]53164	56	95	1	2	5	2	2	2	1	2	107	103	82	.05	3.67	1.03	2.39	.03	.08	2	2	.1
2[illegible]	[illegible]53165	54	95	1	4	6	2	2	2	1	2	93	125	215	.07	4.31	1.33	1.77	.05	.09	2	2	.09

245	853166	61	110	1	5	5	2	2	2	1	2	97	93	202	.08	4.32	1.35	1.92	.05	.09	2	2	.09
246	853167	71	20	1	8	4	2	2	2	1	2	94	146	356	.09	4.5	1.25	1.72	.05	.11	2	2	.12
247	853168	45	35	1	2	5	2	2	2	1	2	88	215	555	.1	4.64	1.45	1.39	.07	.11	2	2	.13
248	853169	51	45	1	8	6	2	2	2	1	2	87	174	382	.07	4.69	1.49	1.73	.03	.16	2	2	.12
249	853170	37	45	1	5	7	2	2	2	1	2	94	143	128	.04	4.05	1.07	1.93	.03	.11	2	2	.14
250	853171	85	40	1	6	7	2	2	2	1	2	88	114	71	.05	3.88	.99	2.21	.01	.13	2	2	.11
251	853172	92	120	1	4	8	2	2	3	1	2	96	150	67	.03	4.49	.81	2.71	.04	.07	2	2	.1
252	853173	38	15	1	2	6	2	2	2	1	2	113	92	60	.04	3.54	.71	2.87	.01	.09	2	2	.15
253	853174	98	55	1	12	5	2	2	2	1	2	98	165	102	.05	4.19	.66	2.67	.02	.07	2	2	.13
254	853175	43	170	1	10	7	2	2	2	1	2	94	113	72	.03	3.64	.52	2.27	.01	.07	2	2	.13
255	853176	60	130	1	3	6	2	2	2	1	2	102	162	50	.02	3.79	.44	2.63	.01	.1	2	2	.1
256	853177	73	5	1	4	7	2	2	2	1	2	85	174	76	.01	3.46	.47	2.18	.01	.35	2	2	.16
257	853178	19	30	1	3	8	2	2	2	1	2	91	103	60	.01	3.47	.39	2.16	.02	.09	2	2	.15
258	853179	31	20	1	7	7	2	2	2	1	2	82	230	49	.01	3.36	.47	1.97	.01	.12	2	2	.1
259	853180	34	25	2	2	6	2	2	2	1	2	83	229	50	.02	3.44	.44	2.03	.01	.12	2	2	.1
260	853181	17	15	1	2	4	2	2	2	1	2	89	41	42	.01	2.34	.99	1.36	.02	.12	2	2	.12
261	853182	25	40	1	2	4	2	2	3	1	3	110	64	41	.02	2.53	.55	1.76	.01	.09	2	2	.15
262	853183	36	15	1	6	5	2	2	3	1	2	113	65	61	.03	3.24	.76	2.39	.01	.09	2	2	.12
263	853184	44	30	1	3	7	2	2	2	1	2	129	122	40	.01	3.16	.77	3.48	.02	.07	2	2	.12
264	853185	55	15	1	8	7	2	2	2	1	2	71	94	110	.02	4.84	2.01	1.23	.08	.18	2	2	.07
265	853186	42	10	1	7	5	2	2	2	1	2	101	122	92	.06	3.72	1.01	1.88	.02	.2	2	2	.11
266	853187	37	15	1	8	7	2	2	2	1	2	111	113	92	.07	4.29	1.26	2.21	.02	.2	2	2	.11
267	853188	52	80	1	8	6	2	2	2	1	2	130	81	56	.06	3.45	1.01	2.88	.01	.22	2	2	.12
268	853189	548	435	2	29	4	2	2	3	1	2	129	221	35	.04	3.81	.52	4.17	.01	.06	2	2	.05
2[illegible]	[illegible]53190	158	175	1	15	8	2	2	2	1	2	133	162	42	.02	3.56	.6	3.68	.01	.07	2	2	.08
27[illegible]	[illegible]53191	33	65	1	4	5	2	2	2	1	2	98	244	94	.08	3.79	.82	2.99	.02	.13	2	2	.12
271	853192	25	595	2	5	4	2	5	2	1	2	134	259	115	.05	3.06	.71	2.45	.02	.29	2	2	.18
272	853193	25	30	1	11	2	2	16	5	1	4	60	110	84	.06	1.76	.15	1.13	.01	.04	11	2	.39
273	853194	3	0	1	3	7	2	2	2	1	2	6	81	7	.03	.96	.17	.88	.02	.14	7	2	.04
274	853195	31	45	1	12	7	2	8	4	1	2	55	238	158	.07	3.57	.7	2.13	.02	.1	3	2	.09
275	853196	33	385	2	13	8	2	18	2	1	2	37	195	258	.07	3.75	.94	1.31	.02	.13	5	2	.07
276	853197	30	90	1	9	7	2	9	2	1	2	47	202	252	.08	3.42	.79	1.59	.02	.13	2	2	.05
277	853198	30	160	1	19	2	2	18	4	1	2	88	237	139	.05	3.05	.86	2.22	.02	.09	8	2	.08
278	853199	46	165	1	8	2	2	14	4	1	2	58	323	215	.04	3.11	.82	2.05	.01	.08	9	2	.05
358	853900	55	20	1	2	2	2	2	2	1	2	62	165	248	.03	2.39	.53	.93	.04	.08	2	6	.05
359	853901	40	30	1	5	2	2	2	2	1	2	85	176	143	.05	2.46	.5	1.2	.02	.21	2	8	.12
360	853902	12	25	1	2	2	2	2	2	1	2	105	155	90	.04	2.55	.32	1.32	.03	.28	2	7	.17
361	853903	7	60	1	3	2	2	2	2	1	2	99	116	63	.04	2.66	.23	1.13	.02	.13	2	7	.15
362	853904	6	55	1	4	2	2	4	2	1	2	107	216	69	.03	2.52	.27	1.27	.03	.47	2	6	.18
363	853905	4	50	1	3	2	2	2	2	1	2	103	207	58	.03	2.31	.2	1.29	.04	.42	2	5	.17
364	853906	39	60	1	6	2	2	2	2	1	2	92	188	83	.09	2.66	.35	1.21	.03	.34	2	6	.16
365	853907	21	45	1	4	2	2	2	2	1	2	92	190	84	.1	2.68	.35	1.19	.03	.32	2	6	.15
366	853908	22	40	1	6	2	2	2	2	1	2	95	205	72	.08	2.9	.16	1.1	.04	.13	2	6	.14
367	853909	268	70	1	11	2	2	8	2	1	2	69	261	149	.11	3.68	.8	.8	.09	.1	2	12	.11
368	853910	57	50	1	6	2	2	2	2	1	2	100	307	88	.05	2.87	.22	1.02	.02	.09	2	8	.12
369	853911	7	50	1	2	2	2	2	2	1	2	97	166	69	.03	2.46	.12	.99	.03	.19	2	5	.13
370	853912	2	25	1	2	2	2	2	2	1	2	110	167	91	.02	2.34	.13	1.23	.03	.3	2	4	.13
371	853913	24	55	1	3	2	2	2	2	1	2	74	107	146	.05	2.71	.37	.97	.02	.08	2	9	.15
372	853914	48	10	1	2	2	2	2	2	1	2	89	209	218	.02	3.24	.59	1.53	.02	.26	2	7	.1
37[illegible]	[illegible]53915	109	30	1	7	2	2	2	2	1	2	114	78	82	.03	2.49	.73	2.04	.01	.14	2	8	.04
37[illegible]	[illegible]53916	12	65	1	6	2	2	2	2	1	2	81	151	77	.05	3.33	.13	1	.01	.1	2	7	.16

375	853917	24	150	1	6	2	2	2	2	1	2	99	127	81	.03	2.68	.23	1.27	.01	.14	2	8	.14
376	853918	36	80	1	4	2	2	2	2	1	2	97	90	98	.03	2.22	.33	1.22	.02	.07	2	8	.12
377	853919	53	380	1	6	2	2	5	2	1	2	75	243	183	.03	2.74	.68	1.24	.02	.2	2	6	.08
378	853920	29	20	1	2	2	2	2	2	1	2	77	93	64	.02	1.93	.33	1.34	.02	.15	2	6	.12
379	853921	35	80	1	6	2	2	2	2	1	2	112	149	43	.03	2.62	.36	1.67	.02	.29	2	7	.14
380	853922	31	55	1	4	2	2	2	2	1	2	88	78	51	.02	2	.44	1.34	.02	.08	2	6	.07
381	853923	63	75	1	4	2	2	2	2	1	2	48	69	45	.03	1.33	.21	.91	.02	.05	2	5	.08
382	853924	24	40	1	3	2	2	2	2	1	2	116	133	42	.02	2.41	.6	2.07	.01	.34	2	7	.1
383	853925	27	40	1	3	2	2	2	2	1	2	96	126	55	.02	2.33	.53	1.6	.01	.18	2	7	.09
384	853926	53	60	1	7	2	2	2	2	1	2	75	160	76	.05	2.85	.27	1.37	.02	.16	2	6	.13
385	853927	31	65	1	7	2	2	2	2	1	2	62	102	85	.03	2.02	.32	1.07	.02	.13	2	6	.11
386	853928	80	90	1	12	2	2	2	2	1	2	69	177	96	.08	2.67	.4	.89	.02	.09	2	8	.11
387	853929	21	45	1	7	2	2	2	2	1	2	81	132	57	.03	2.08	.16	1.16	.02	.1	2	5	.12
388	853930	7	40	1	10	2	2	2	2	1	2	91	180	52	.05	2.8	.15	1.2	.02	.18	2	6	.18

REC#	SMPL#	P	LA	PH	B	CR	AUA	GRIDE	GRIDN
80	853001	.22	12		2	22			
81	853002	.14	10		7	63			
82	853003	.13	9		10	38			
83	853004	.13	11		7	71			
84	853005	.14	11		2	87			
85	853006	.13	11		8	64			
86	853007	.13	11		6	60			
87	853008	.16	13		7	40			
88	853009	.16	13		9	38			
8[illegible]	[illegible]53010	.14	10		7	56			
9[illegible]	[illegible]53011	.13	11		5	112			
91	853012	.14	12		6	103			
92	853013	.15	12		7	173			
93	853014	.14	13		8	90			
94	853015	.12	11		6	97			
95	853016	.17	10		4	59			
96	853017	.11	12		8	111			
97	853018	.16	12		6	67			
98	853019	.18	12		6	71			
99	853020	.14	10		2	324			
100	853021	.09	13		5	131			
101	853022	.11	12		5	60			
102	853023	.1	12		7	100			
103	853024	.17	8		5	88			
104	853025	.11	7		4	99			
105	853026	.1	2		8	43			
106	853027	.14	10		4	85			
107	853028	.12	12		5	98			
108	853029	.2	2		4	51			
109	853030	.17	2		23	35			
110	853031	.16	6		2	60			
111	853032	.14	8		3	80			
112	853033	.15	8		2	118			
113	853034	.17	2		2	71			
1[illegible]	[illegible]53035	.1	12		4	101			
11[illegible]	[illegible]53036	.13	11		4	65			

116	853037	.13	13	5	71
117	853038	.09	11	6	64
118	853039	.13	9	2	108
119	853040	.12	8	8	99
120	853041	.11	7	8	79
121	853042	.11	8	6	91
122	853043	.11	8	2	68
123	853044	.09	8	3	77
124	853045	.1	8	7	84
125	853046	.1	6	2	85
126	853047	.13	8	4	34
127	853048	.16	7	2	24
128	853049	.12	8	2	25
129	853050	.12	9	7	42
130	853051	.09	10	7	64
131	853052	.11	10	6	34
132	853053	.08	8	5	60
133	853054	.11	9	2	123
134	853055	.14	2	2	29
135	853056	.14	8	2	58
136	853057	.2	7	5	81
137	853058	.1	11	2	23
138	853059	.08	9	5	40
139	853060	.12	10	4	32
1[illegible]	[illegible]53061	.07	7	6	75
1[illegible]	[illegible]53062	.07	9	3	31
142	853063	.07	9	4	81
143	853064	.08	10	4	52
144	853065	.09	8	8	50
145	853066	.12	8	2	65
146	853067	.09	9	3	57
147	853068	.12	9	2	62
148	853069	.18	8	4	86
149	853070	.13	5	4	127
150	853071	.1	6	6	129
151	853072	.13	5	6	112
152	853073	.09	7	3	136
153	853074	.12	9	3	109
154	853075	.13	2	2	52
155	853076	.08	2	4	82
156	853077	.12	2	3	48
157	853078	.16	2	3	51
158	853079	.11	2	8	55
159	853080	.13	2	6	77
160	853081	.11	3	9	84
161	853082	.11	4	2	87
162	853083	.12	10	6	81
163	853084	.14	7	2	109
164	853085	.13	10	4	78
1[illegible]	[illegible]53086	.1	10	9	86
1[illegible]	[illegible]53087	.1	6	3	43

167	853088	.1	8	2	70
168	853089	.08	9	3	54
169	853090	.1	10	5	55
170	853091	.06	8	2	12
171	853092	.09	6	2	41
172	853093	.09	7	2	92
173	853094	.06	5	4	133
174	853095	.1	12	3	77
175	853096	.09	11	3	76
176	853097	.09	11	2	114
177	853098	.1	6	2	149
178	853099	.12	5	3	172
179	853100	.13	4	2	39
180	853101	.13	12	6	10
181	853102	.14	15	5	43
182	853103	.1	14	14	47
183	853104	.15	14	9	102
184	853105	.13	14	11	80
185	853106	.13	14	14	171
186	853107	.14	10	2	108
187	853108	.11	15	8	87
188	853109	.13	12	8	120
189	853110	.19	10	4	160
190	853111	.17	3	5	125
19[illegible]	[illegible]3112	.13	10	5	284
1[illegible]2	[illegible]53113	.13	12	7	120
193	853114	.12	12	3	102
194	853115	.13	12	4	110
195	853116	.18	13	5	111
196	853117	.21	13	2	90
197	853118	.17	15	4	114
198	853119	.16	15	5	93
199	853120	.16	17	7	90
200	853121	.14	20	4	38
201	853122	.15	19	3	106
202	853123	.13	14	5	72
203	853124	.18	14	2	71
204	853125	.13	10	4	161
205	853126	.13	16	3	122
206	853127	.06	8	3	271
207	853128	.08	7	2	234
208	853129	.1	12	2	260
209	853130	.09	12	6	157
210	853131	.09	11	7	216
211	853132	.09	11	2	211
212	853133	.11	11	7	246
213	853134	.15	13	2	197
214	853135	.07	8	2	158
215	853136	.15	2	2	96
21[illegible]	[illegible]53137	.05	8	8	34
21[illegible]	[illegible]3138	.08	10	5	46

218	853139	.08	4	2	74
219	853140	.05	3	2	80
220	853141	.06	3	7	73
221	853142	.12	5	2	39
222	853143	.14	5	2	41
223	853144	.09	2	2	90
224	853145	.1	3	2	88
225	853146	.09	3	3	65
226	853147	.08	3	2	47
227	853148	.08	2	7	40
228	853149	.12	4	2	39
229	853150	.08	3	8	22
230	853151	.12	4	7	46
231	853152	.1	4	5	81
232	853153	.11	3	2	52
233	853154	.12	5	2	37
234	853155	.1	3	2	87
235	853156	.13	7	5	74
236	853157	.1	7	5	83
237	853158	.09	9	2	52
238	853159	.1	6	2	33
239	853160	.12	7	8	94
240	853161	.11	5	6	67
241	853162	.11	5	2	101
242	853163	.11	4	3	74
243	853164	.11	5	2	112
244	853165	.11	5	3	55
245	853166	.1	4	9	72
246	853167	.11	5	6	65
247	853168	.12	4	2	43
248	853169	.12	4	3	61
249	853170	.14	3	6	74
250	853171	.09	3	8	90
251	853172	.09	3	4	93
252	853173	.11	4	2	84
253	853174	.1	2	2	145
254	853175	.05	4	7	98
255	853176	.08	3	2	113
256	853177	.08	2	2	39
257	853178	.06	2	3	48
258	853179	.08	2	7	61
259	853180	.09	4	6	50
260	853181	.17	6	2	58
261	853182	.08	6	8	120
262	853183	.1	5	2	143
263	853184	.11	6	2	129
264	853185	.11	4	5	43
265	853186	.13	4	3	76
266	853187	.12	3	2	92
267	853188	.1	5	11	142
268	853189	.02	2	2	249

269	853190	.09	3	2	220
270	853191	.1	2	6	106
271	853192	.09	2	2	42
272	853193	.26	2	2	5
273	853194	.05	2	5	39
274	853195	.14	3	5	53
275	853196	.2	2	3	20
276	853197	.15	3	11	25
277	853198	.12	2	2	57
278	853199	.1	2	8	46
358	853900	.19	11	3	34
359	853901	.18	10	4	16
360	853902	.19	11	5	16
361	853903	.22	13	5	17
362	853904	.15	12	3	8
363	853905	.15	11	6	6
364	853906	.17	10	5	6
365	853907	.16	8	4	7
366	853908	.23	14	6	28
367	853909	.19	7	4	8
368	853910	.25	10	7	23
369	853911	.2	8	4	11
370	853912	.16	10	3	6
371	853913	.2	11	2	11
3[illegible]	[illegible]53914	.15	9	3	24
37[illegible]	[illegible]53915	.16	11	5	7
374	853916	.23	10	2	16
375	853917	.17	11	2	25
376	853918	.21	9	2	27
377	853919	.16	7	2	25
378	853920	.14	7	3	51
379	853921	.12	5	2	53
380	853922	.16	7	3	22
381	853923	.15	8	5	64
382	853924	.19	2	3	61
383	853925	.16	6	5	45
384	853926	.19	4	4	21
385	853927	.14	5	4	14
386	853928	.18	3	6	13
387	853929	.19	2	7	55
388	853930	.17	2	7	25

APPENDIX 3

STATEMENT OF COSTS

SOUP 8-84 CLAIM GROUP
1984 EXPLORATION PROGRAM

STATEMENT OF COSTS

ANALYTICAL COSTS:		
200 soil samples @ $12.13 (Au geochem, +ICP)	$2,426.00	
345 Rock samples @ $15.77 (Au geochem, +ICP)	5,440.65	
545 Samples	7,866.65	
Shipping Charges	200.00	
Computer processing @ $2.00/sample X 545	1,090.00	
Interpretaion - 1 day - Dr. S.J Hoffman @ $300.00	300.00	
TOTAL ANALYTICAL COSTS		$ 9,456.65
FIELD LABOUR COSTS:		
Project Geologist - 15 days @$141.13/day	$2,116.95	
Geologist - 20 days @$89.24	1,784.80	
Geological Assistant - 15 days @ $68.78	1,031.70	
Geological Assistant - 24 days @ $55.00	1,320.00	
Field Assistant - 24 days @ $55.17	1,324.08	
Field Assistant - 20 days @ $65.63	1,312.60	
Supervisory visits - 2 days @$300	600.00	
TOTAL FIELD LABOUR		$9,490.13

CAMP COSTS:

5 men, 10 days @ $50/day	$2,500.00	
6 men, 6 days @ $50/day	1,800.00	
TOTAL (All inclusive of equipment, room & board, pilot)		$4,300.00

AIR CHARTERS:

Helicopter - 5 hours @ $450/hr.	$2,250.00	
-24 hours @ $486/hr.	11,664.00	
	$13,914.00	
Fixed Wing (Total)	1,000.00	
TOTAL AIR CHARGES		$14,914.00

TRAVEL EXPENSES:

Hotel, meals - 2 men, 2 nights @$50/night		200.00
TRUCK RENTAL		500.00

MAPS AND REPORT PREPARATION:

Project Geologist - 5 days @ $141.13	$ 705.65	
Drafting - 20 hours @ $17.00/hr.	340.00	
Materials	100.00	
Orthophoto preparation (McElhanney Ltd.)	5,820.00	
TOTAL		$ 6,965.65
TOTAL COSTS		$45,826.43

APPENDIX 4

STATEMENT OF QUALIFICATIONS

H.Q. SMIT
R.E. MEYERS

STATEMENT OF QUALIFICATIONS - H.Q. SMIT

B.Sc. (Hons.) Geology, 1984 - University of British Columbia, Vancouver

H.Q. Smit was employed as an exploration geologist with BP Resources Canada Limited from May to November, 1984. Prior to this he was employed for two field seasons with the Geological Survey of Canada and has held field assistant positions with various mining and exploration companies in Western Canada.

STATEMENT OF QUALIFICATIONS - R.E. MEYERS

B.Sc. (Hons.) Geology 1974 - Carleton University, Ottawa

M.Sc. Economic Geology 1980 - McGill University, Montreal

Associate Member of the Geological Association of Canada (1974)

Member of the Canadain Institute of Mining and Metallurgy

I have practised my profession continuously since graduation in 1974, as a Mine Geologist (1974-1977); in Economic Geology research (1977-1979); and in mineral exploration (1979-present).

LOCATION MAP
DORTATELLE CREEK
KLIYUL CK.
SOUP CLAIMS
1:100,000
KM
126°00'E
Legend:
SKARN - Concordant massive and dissemenated magnetite bands and discordant shear zone
Py PYRITIC ALTERATION ZONE
5 MONZONITE
4 FELDSPAR PORPHYRY - (Fp) Dykes
3 DIORITE - (mD) Microdiorite Sills, Dykes
2 AUGITE PORPHYRY - (AP) Flows, Dykes, Sills. Minor Tuffaceous Horizons
1 ANDESITE - (XT) Crystal Tuff, (XLT) Crystal Lapilli Tuff, (XAT) Crystal Ash Tuff (ANp) Porphyritic Flows
Symbols:
Geological Contacts
Strike & Dip
Foliation
Joint sets with dip
Shear Zones, Pyritic
ABBREVIATIONS
Py Pyrite
Cp Chalcopyrite
Mal Malachite
Sil Silicified
Mgt Magnetite
QCv Quartz - Carbonate veins
SOUP 1
SOUP 2
SOUP 3
SOUP 4
SOUP 5
SOUP 6
SOUP 7
SOUP 8
SOUP 9
SOUP 10
SOUP 11 FR
SOUP 12
SOUP 13
SOUP 14
SOUP FR
LCP
CP
Pyritic Band
Mgt Zone (SADDLE GULLY ZONE)
CROSS SECTION CK
Ap, minor tuff
Mgt Zone
SADDLE GULLY
Pyritic Silicified Zone
CROSS SECTION CREEK
CONTACT FROM McTAGGERT, 1965
ROCK GLACIER
Sil, Py Zone
XAT(py)
AP XLT
Pyritic Zone
Mgt Zone
(minor QCv)
py mal
MONZONITE
GEOLOGICAL BRANCH
ASSESSMENT REPORT
13,315
Metres
SELCO DIVISION -
BP RESOURCES CANADA LIMITED
SOUP 8-84 CLAIM GROUP
GEOLOGY
SCALE 1:2000
DATE SEPT 1984
GEOLOGY BY: H.S, R.E.M.
DRAFTED BY: E.B.W.
FIG. 3
N.T.S. 94 D/9
PROJ. 10107
REPORT BPVR 84-15

SAMPLE NO.	LITHOLOGY	AU PPB	CU PPM	AG PPM	SAMPLE WIDTH(m)
852001	Ap	60	6753	1.3	0.4
852002	Qvn	2350	87	1.4	0.4
852003	Fs	20	51	0.5	1.0
852004	Ap Sk	4700	9978	5.2	0.2
852005	Qvn	220	4497	1.9	0.1
852006	Fp flt(sk)	3600	559	1.1	3.0
852007	Fp Sk	270	2028	0.5	3.0
852008	Fp Sk	130	1995	0.7	4.0
852009	Fp Sk	1050	2187	2.0	2.0
852010	Fp Sk	7340	742	6.4	1.5
852011	Fp Sk	410	620	0.7	1.3
852012	Fp Sk	105	216	0.4	5.0
852501	ANp	660	905	1.2	3.0
852502	ANp	10	175	0.5	5.0
852503	ANp	30	168	0.6	5.0
852504	ANp	70	148	0.5	5.0
852505	Ap Sk	3250	2007	7.7	2.0
852506	Ap Sk	5	108	0.2	5.0
852507	Ap Sk	4100	566	1.4	5.0
852508	Ap Sk	495	364	0.8	5.0
852509	Ap Sk	20	539	0.2	5.0
852510	Ap Sk	80	608	0.5	5.0
852511	Ap	830	406	0.5	5.0
852512	Fp	20	308	0.2	5.0
852513	Ap	15	240	0.4	8.0
852514	ANt	10	96	0.1	10.0
852515	Ap Sk	1360	693	0.4	5.0
852516	Ap Sk	15560	959	1.3	3.5
852517	Ap Sk	20640	749	7.8	1.0
852518	Ap Sk	210	271	0.1	5.0
852519	mD	160	505	0.1	5.0
852520	mD	90	267	0.2	3.0
852521	mD	85	276	0.1	3.0
852522	mD	80	228	0.2	3.0
852523	Ap	50	206	0.3	3.0
852524	Ap	105	214	0.3	3.0
852525	Ap	20	70	0.1	10.0
852526	ANt	25	107	0.1	10.0
852527	Ap	20	7	0.1	10.0
852528	ANt	35	85	0.1	10.0
852529	mD Sk	930	503	1.2	3.0
852530	mD	40	1039	0.1	3.0
852531	mD	130	668	0.1	3.0
852532	mD	150	319	0.2	3.0
852533	Fp	45	217	0.1	5.0
852534	ANt	40	45	0.5	5.0
852535	ANt	20	198	0.3	5.0
852536	Fp	30	322	0.1	3.0
852537	Fp	30	220	0.1	3.0
852538	Fp	95	320	0.3	3.0
852539	Fp	50	271	0.1	3.0
852540	Sk	560	714	1.7	3.0
852541	Sk	285	646	1.5	3.0
852542	Sk	2025	1579	2.1	3.0
852543	Sk	1750	1887	1.8	3.0
852544	Sk	1700	15428	1.7	3.0
852545	AN Sk	395	4483	1.1	3.0
852546	ANt Sk	70	625	0.1	3.0
852547	ANt	5	290	0.1	3.0
852548	ANt	ND	89	0.1	3.0
852549	ANt	ND	101	0.1	3.0
852550	ANt	5	97	0.1	3.0
852551	ANt	ND	104	0.1	10.0
852552	Ap	5	87	0.1	10.0
852553	ANt	ND	33	0.2	3.0
852554	ANt	ND	49	0.3	3.0
852555	ANt	5	62	0.2	3.0
852556	ANt	10	69	0.3	3.0
852557	Sk	10	182	0.8	3.0
852558	Sk	15	973	6.7	3.0
852559	Sk	5	656	1.1	3.0
852560	ANp Sk	580	5133	2.5	3.0
852561	ANp Sk	650	6337	1.1	3.0
852562	ANp Sk	230	2146	1.4	3.0
852563	ANp	15	128	0.1	10.0
852564	ANp	20	22	0.1	10.0
852565	Sk	520	3857	2.9	3.0
852566	Sk	220	3755	1.0	3.0
852567	Sk	115	355	0.6	3.0
853501	ANp	60	260	0.6	10.0
853502	ANp	15	140	0.4	10.0
853503	ANp	10	294	0.5	10.0
853504	ANp	60	258	0.7	10.0
853505	ANp	30	114	0.5	10.0
853506	ANp	150	128	0.5	10.0
853507	ANp	20	114	0.5	10.0
853508	ANp	25	102	0.3	10.0
853509	ANp	5	82	0.5	10.0
853510	ANp	120	470	0.7	2.0
853511	ANp	15	227	0.4	6.0
853512	ANp	5	414	0.9	3.0
853513	ANp	140	146	0.5	5.0
853514	ANp	10	188	0.2	5.0
853515	ANp	5	423	0.1	5.0
853516	ANp	20	131	0.1	5.0
853517	ANp	3750	473	0.9	4.0
853518	ANp	140	364	0.2	5.0
853519	ANp	20	74	0.1	5.0
853520	SAMPLE LOST				
853521	ANp	70	351	0.1	5.0
853522	Fp	5	335	0.1	5.0
853523	ANp	ND	158	0.1	7.0
853524	ANp Sk	2750	579	0.3	3.0
853525	ANp Sk	1750	690	0.3	5.0
853526	ANp Sk	3450	1257	0.5	5.0
853527	ANp Sk	50	561	0.1	5.0
853528	ANp Sk	290	699	0.2	5.0
853529	ANp Sk	1675	1098	1.3	5.0
853530	ANp Sk	60850	2274	5.5	1.5
853531	ANp	55	176	0.1	10.0
853532	ANp	10	26	0.1	10.0
853533	ANt	110	79	0.1	10.0
853534	ANt	5	41	0.1	10.0
853535	ANp	5	112	0.1	10.0
853536	ANt	10	15	0.1	10.0
853537	ANt	100	570	0.3	10.0
853538	ANt	10	23	0.3	10.0
853539	Fp Sk(flt)	2950	3780	3.4	2.5
853540	Fp	20	90	0.1	10.0
853541	ANt	20	301	0.5	3.0
853542	Fp	30	184	0.4	3.0
853543	Fp	25	87	0.3	3.0
853544	Fp	5	41	0.2	3.0
853545	Fp	100	1268	0.2	3.0
853546	Fp Sk?	790	2605	0.7	3.0
853547	Di Sk	3515	1807	5.0	3.0
853548	Di Sk	680	4337	1.4	3.0
853549	Di Sk	1975	979	3.1	3.0

SAMPLE NO.	LITHOLOGY	AU PPB	CU PPM	AG PPM	SAMPLE WIDTH(m)
854011	ANt	5	30	0.1	10.0
854012	ANt	ND	43	0.1	10.0
854013	ANt	ND	32	0.3	10.0
854014	ANt	15	32	0.1	10.0
854015	ANt	10	33	0.1	10.0
854016	ANt	ND	51	0.1	10.0
854017	ANt	5	56	0.1	10.0
854018	ANt	ND	42	0.1	10.0
854019	ANt	ND	35	0.1	10.0
854020	ANt	10	23	0.1	10.0
854021	ANt	15	24	0.1	10.0
854022	ANt	10	51	0.1	10.0
854023	ANt	10	35	0.1	10.0
854024	ANt	10	37	0.1	10.0
854025	ANt	20	39	0.1	10.0
854026	ANt	20	56	0.1	10.0
854027	ANt	25	57	0.1	10.0
854028	ANt	55	25	0.1	10.0
854029	ANt	40	55	0.2	10.0
854030	ANt	70	52	0.1	10.0
854031	ANt	120	70	0.3	10.0
854032	ANt	35	33	0.1	10.0
854033	ANt	30	62	0.2	10.0
854034	ANt	5	47	0.1	10.0
854035	ANt	20	41	0.1	10.0
854036	ANt	90	36	0.2	10.0
854037	ANt	40	39	0.1	10.0
854038	ANt	30	35	0.1	10.0
854039	ANt	80	35	0.1	10.0
854040	ANt	35	41	0.1	10.0
854041	ANt	25	35	0.1	10.0
854042	ANt	10	27	0.1	10.0
854043	ANt	20	33	0.1	10.0
854044	ANt	25	26	0.2	10.0
854045	ANt	ND	41	0.1	10.0
854046	ANt	5	52	0.1	10.0
854047	ANt	15	49	0.1	10.0
854048	ANt	60	43	0.1	10.0
854049	ANt	15	42	0.1	10.0
854050	ANt	30	49	0.1	10.0
854051	ANt	10	49	0.1	10.0
854052	ANt	5	36	0.1	10.0
854053	ANt	15	36	0.1	10.0
854054	ANt	5	20	0.1	10.0
854055	ANt	25	40	0.1	10.0
854056	Ap	60	30	0.6	10.0
854057	ANt	10	5	0.1	10.0
854058	ANt	15	10	0.1	10.0
854059	ANt	20	10	0.1	10.0
854060	ANt	10	41	0.1	10.0
854061	ANt	10	27	0.1	10.0
854062	ANt	25	49	0.1	10.0
854063	ANt	10	116	0.1	10.0
854064	ANt	30	39	0.1	10.0
854065	ANt	5	17	0.1	10.0
854066	ANt	ND	14	0.1	10.0
854067	ANt	10	27	0.1	10.0
854068	ANt	5	33	0.1	10.0
854069	ANt	30	22	0.1	10.0
854070	ANt	15	103	0.1	10.0
854071	ANt	5	113	0.1	10.0
854072	ANt	10	108	0.1	10.0
854073	ANt	ND	79	0.1	10.0
854074	ANt	5	87	0.1	10.0
854075	ANt	10	211	0.1	10.0
854076	ANt	5	79	0.1	10.0
854077	ANt	25	109	0.1	10.0
854078	ANt	20	230	0.1	10.0
854079	ANt	60	361	0.7	10.0
854080	Ap	30	127	0.1	10.0
854081	Ap	10	129	0.2	10.0
854082	Ap	50	116	0.3	10.0
854083	Ap	15	66	0.1	10.0
854084	Ap	5	69	0.1	10.0
854085	Ap	10	129	0.1	10.0
854086	Ap	5	154	0.1	10.0
854087	Ap	15	217	0.2	10.0
854098	Ap	10	220	0.5	10.0
854089	Ap	200	466	0.9	10.0
854090	Ap	ND	157	0.1	10.0
854091	Ap	10	137	0.4	10.0
854292	Ap	15	113	0.5	10.0
854093	Ap	15	118	0.5	10.0
854094	Ap	20	129	0.6	10.0
854095	Ap	10	102	0.4	10.0
854096	Ap	5	116	0.6	10.0
854097	Ap	5	69	0.4	10.0
854098	Ap	20	100	0.4	10.0
854099	Ap	15	130	0.5	10.0
854100	Ap	10	89	0.4	10.0
854101	Ap	10	94	0.4	10.0
854102	Ap	105	42	0.3	10.0
854103	Ap	5	53	0.4	10.0
854104	Ap	860	26	0.6	10.0
854105	Ap	10	93	0.6	10.0
854106	Ap	5	83	0.5	10.0
854107	Ap	5	104	0.6	10.0
854108	Ap	5	85	0.4	10.0
854109	Ap	30	82	0.5	10.0
854110	Ap	20	200	0.4	10.0
854111	Ap	5	88	0.4	10.0
854112	Ap	ND	65	0.3	10.0
854113	Ap	70	81	0.5	10.0
854114	Ap	15	88	0.3	10.0
854115	Ap	20	159	0.4	10.0
854116	Ap	10	107	0.4	10.0
854117	Ap	ND	174	0.4	10.0
854118	Ap	5	154	0.5	10.0
854119	Ap	15	106	0.4	10.0
854120	Ap	10	75	0.4	10.0
854121	Ap	5	98	0.6	10.0
854122	Ap	5	79	0.4	10.0
854123	Ap	20	72	0.5	10.0
854124	Ap	ND	79	0.4	10.0
854125	Ap	20	75	0.4	10.0
854126	mD	60	336	0.7	3.0
854127	mD Sk	80	167	1.0	3.0
854128	mD Sk	100	916	1.2	3.0
854129	mD Sk	20	330	0.6	3.0
854130	mD	40	507	0.7	3.0
854131	mD	30	474	0.5	3.0
854132	mD	10	213	0.4	3.0
854133	mD	ND	56	0.3	3.0
854134	mD	5	56	0.4	3.0
854135	mD	10	149	0.5	3.0
854136	mD	ND	36	0.3	3.0
854137	mD	15	13	0.4	3.0
854138	Ap Sk	350	602	0.8	5.0

[illegible]

Abbreviations on table:

ANt - Andesite tuff
ANp - Porphyritic andesite
Ap - Augite porphyry
Fp - Feldspar porphyry
Di - Diorite
mD - Microdiorite
Sk - Skarn
Flt - Fault
Qvn - Quartz vein
Fs - Felsite

[852001] Sample location number

GEOLOGICAL BRANCH ASSESSMENT REPORT

13,315

Metres

SELCO DIVISION - BP RESOURCES CANADA LIMITED

SOUP CLAIMS

ROCK CHIP SAMPLE LOCATIONS

Au, Cu, Ag GEOCHEMISTRY

SCALE 1:2000	DRAWN BY: R.E.M., H.S.	FIG. 4B
DATE SEPT 1984	DRAFTED BY: E.B.W.	
N.T.S. 94 D/8	PROJ. 10107	REPORT SPVR 84-15

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,315

SAMPLE NO.	AU PPB	CU PPM	AG PPM	SAMPLE NO.	AU PPB	CU PPM	AG PPM
853001	80	949	0.6	853101	8555	292	1.8
853002	135	1045	0.6	853102	160	219	0.1
853003	120	998	0.6	853103	80	361	0.2
853004	145	1043	0.5	853104	420	519	0.7
853005	150	812	0.4	853105	120	574	0.2
853006	45	340	0.4	853106	230	893	0.2
853007	240	893	0.6	853107	150	498	0.4
853008	265	1056	0.7	853108	165	351	0.1
853009	960	1326	1.1	853109	105	403	0.1
853010	740	734	1.8	853110	810	1401	0.1
853011	250	731	0.7	853111	720	4943	0.9
853012	270	635	0.2	853112	50	909	0.1
853013	210	536	0.1	853113	45	1188	0.1
853014	275	727	0.1	853114	175	795	0.1
853015	40	263	0.4	853115	295	779	0.1
853016	85	631	0.3	853116	165	383	0.1
853017	70	208	0.1	853117	50	2663	0.1
853018	80	472	0.1	853118	50	372	0.1
853019	175	425	0.2	853119	40	278	0.1
853020	50	251	0.1	853120	45	412	0.1
853021	35	285	0.1	853121	175	275	0.7
853022	40	388	0.1	853122	275	594	0.2
853023	35	310	0.1	853123	60	543	0.1
853024	160	1702	0.3	853124	110	370	0.1
853025	170	1034	0.3	853125	340	435	0.1
853026	660	846	0.5	853126	425	406	0.6
853027	500	407	0.3	853127	2220	296	0.1
853028	140	679	0.3	853128	30	2969	1.3
853029	175	913	0.8	853129	150	843	0.5
853030	125	1483	0.5	853130	395	1235	0.5
853031	165	856	0.3	853131	100	661	0.2
853032	110	611	0.4	853132	240	789	0.3
853033	220	1166	0.4	853133	50	351	0.1
853034	225	1609	0.4	853134	310	1028	0.1
853035	90	662	0.1	853135	45	816	0.3
853036	170	862	0.1	853136	2355	2693	2.5
853037	90	266	0.2	853137	60	1037	0.1
853038	100	189	0.2	853138	75	780	0.1
853039	145	885	0.4	853139	150	862	0.2
853040	130	722	0.5	853140	290	1111	0.4
853041	175	570	0.3	853141	185	541	0.6
853042	170	592	0.7	853142	235	361	0.9
853043	150	407	0.2	853143	235	452	1.4
853044	120	316	0.4	854144	185	209	0.4
853045	170	565	0.3	853145	95	615	0.7
853046	195	637	0.9	853146	30	262	0.4
853047	95	197	0.1	853147	30	191	0.5
853048	85	159	0.1	853148	35	175	0.5
853049	75	213	0.1	853149	25	188	0.3
853050	105	240	0.1	853150	20	157	0.5
853051	70	343	0.1	853151	80	254	0.5
853052	45	112	0.1	853152	20	236	1.5
853053	170	288	0.1	853153	70	524	0.4
853054	35	233	0.2	853154	30	313	0.3
853055	60	142	0.1	853155	40	395	0.3
853056	80	307	0.1	853156	25	343	0.5
853057	180	265	0.1	853157	20	248	1.0
853058	55	145	0.1	853158	25	236	0.4
853059	60	183	0.1	853159	15	130	0.2
853060	35	130	0.1	853160	380	937	0.5
853061	65	190	0.2	853161	55	680	0.4
853062	65	136	0.1	853162	230	540	1.4
853063	265	570	0.2	853163	50	365	0.3
853064	25	56	0.1	853164	95	500	0.2
853065	80	212	0.1	853165	95	474	0.6
853066	110	310	0.2	853166	110	405	0.5
853067	90	237	0.1	853167	20	477	0.4
853068	395	506	0.3	853168	35	329	0.2
853069	260	988	0.7	853169	45	385	0.3
853070	445	2295	1.1	853170	45	311	0.2
853071	130	799	0.7	853171	40	781	0.3
853072	2025	1172	3.5	853172	120	657	0.9
853073	125	831	0.4	853173	15	188	0.1
853074	35	164	0.1	853174	55	877	0.6
853075	1770	2709	6.2	853175	170	905	0.8
853076	10555	1236	2.6	853176	130	1119	0.4
853077	11860	2470	3.9	853177	5	573	0.5
853078	2265	3593	0.4	853178	30	318	0.8
853079	295	2708	0.1	853179	20	189	0.4
853080	140	919	0.1	853180	25	191	0.4
853081	175	893	0.2	853181	15	210	0.2
853082	320	3576	0.2	853182	40	251	0.1
853083	120	8358	0.1	853183	15	383	0.3
853084	90	1984	0.1	853184	30	314	0.3
853085	120	1715	0.1	853185	15	527	0.2
853086	360	834	1.4	853186	10	423	0.2
853087	145	768	0.4	853187	15	468	0.3
853088	75	491	0.2	853188	80	619	0.9
853089	440	580	0.1	853189	435	5168	5.5
853090	230	470	0.1	853190	175	1220	2.0
853091	70	1058	0.1	853191	65	216	0.5
853092	155	763	0.1	853192	595	146	1.5
853093	350	860	0.2	853193	30	62	0.1
853094	45	371	0.2	853194	ND	41	0.2
853095	20	265	0.1	853195	45	213	0.4
853096	50	216	0.1	853196	385	217	0.6
853097	50	590	0.1	853197	90	183	0.6
853098	235	594	0.6	853198	160	290	3.0
853099	50	545	0.1	853199	165	309	0.9
853100	15	421	1.2				

340 ● 853125
Au ● SAMPLE LOCATION

NOTE: ICP ANALYSES FOR OTHER ELEMENTS LISTED IN THE REPORT

SELCO DIVISION - BP RESOURCES CANADA LIMITED

SOUP CLAIMS

TALUS FINES

SAMPLE LOCATIONS & Au,Cu,Ag GEOCHEMISTRY

SCALE 1:2,000	DRAWN BY: R.E.M., H.S.	FIG. 4A
DATE SEPT. 1984	DRAFTED BY: E.B.W.	
N.T.S. 94 D/8	PROJ. 10107	REPORT BPVR 84-15

SAMPLE NO.	LITHOLOGY	AU PPB	CU PPM	AG PPM	SAMPLE WIDTH(m)
852001	Ap	60	6753	1.3	0.4
852002	Qvn	2350	87	1.4	0.4
852003	Fs	20	51	0.5	1.0
852004	Ap Sk	4700	9978	5.2	0.2
852005	Qvn	220	4497	1.9	0.1
852006	Fp flt(sk)	3600	559	1.1	3.0
852007	Fp Sk	270	2038	0.5	3.0
852008	Fp Sk	130	1995	0.7	4.0
852009	Fp Sk	1050	2187	2.0	2.0
852010	Fp Sk	7340	742	6.4	1.5
852011	Fp Sk	410	620	0.7	1.3
852012	Fp Sk	105	216	0.4	5.0
852501	ANp	660	905	1.2	3.0
852502	ANp	10	175	0.5	5.0
852503	ANp	30	168	0.6	5.0
852504	ANp	70	148	0.5	5.0
852505	Ap Sk	3250	2007	7.7	2.0
852506	Ap Sk	5	108	0.2	5.0
852507	Ap Sk	4100	566	1.4	5.0
852508	Ap Sk	495	364	0.8	5.0
852509	Ap Sk	20	539	0.2	5.0
852510	Ap Sk	80	608	0.5	5.0
852511	Ap	830	406	0.5	5.0
852512	Fp	20	308	0.2	5.0
852513	Ap	15	240	0.4	8.0
852514	ANt	10	96	0.1	10.0
852515	Ap Sk	1360	693	0.4	5.0
852516	Ap Sk	15560	959	1.3	3.5
852517	Ap Sk	20640	749	7.8	1.0
852518	Ap Sk	210	271	0.1	5.0
852519	mD	160	505	0.1	5.0
852520	mD	90	267	0.2	3.0
852521	mD	85	276	0.1	3.0
852522	mD	80	228	0.2	3.0
852523	Ap	50	206	0.3	3.0
852524	Ap	105	214	0.3	3.0
852525	Ap	20	70	0.1	10.0
852526	ANt	25	107	0.1	10.0
852527	Ap	20	7	0.1	10.0
852528	ANt	35	85	0.1	10.0
852529	mD Sk	930	503	1.2	3.0
852530	mD	40	1039	0.1	3.0
852531	mD	130	668	0.1	3.0
852532	mD	150	319	0.2	3.0
852533	Fp	45	217	0.1	5.0
852534	ANt	40	45	0.5	5.0
852535	ANt	20	198	0.3	5.0
852536	Fp	30	322	0.1	3.0
852537	Fp	30	220	0.1	3.0
852538	Fp	95	320	0.3	3.0
852539	Fp	50	271	0.1	3.0
852540	Sk	560	714	1.7	3.0
852541	Sk	285	646	1.5	3.0
852542	Sk	2025	1579	2.1	3.0
852543	Sk	1750	1887	1.8	3.0
852544	Sk	1700	15428	1.7	3.0
852545	AN Sk	395	4483	1.1	3.0
852546	ANt Sk	70	625	0.1	3.0
852547	ANt	5	290	0.1	3.0
852548	ANt	ND	89	0.1	3.0
852549	ANt	ND	101	0.1	3.0
852550	ANt	5	97	0.1	3.0
852551	ANt	ND	104	0.1	10.0
852552	Ap	5	87	0.1	10.0
852553	ANt	ND	33	0.2	3.0
852554	ANt	ND	49	0.3	3.0
852555	ANt	5	62	0.2	3.0
852556	ANt	10	69	0.3	3.0
852557	Sk	10	182	0.8	3.0
852558	Sk	15	973	6.7	3.0
852559	Sk	5	656	1.1	3.0
852560	ANp Sk	580	5133	2.5	3.0
852561	ANp Sk	650	6337	1.1	3.0
852562	ANp Sk	230	2146	1.4	3.0
852563	ANp	15	128	0.1	10.0
852564	ANp	20	22	0.1	10.0
852565	Sk	520	3857	2.9	3.0
852566	Sk	220	3755	1.0	3.0
852567	Sk	115	355	0.6	3.0
853501	ANp	60	260	0.6	10.0
853502	ANp	15	140	0.4	10.0
853503	ANp	10	294	0.5	10.0
853504	ANp	60	258	0.7	10.0
853505	ANp	30	114	0.5	10.0
853506	ANp	150	128	0.5	10.0
853507	ANp	20	114	0.5	10.0
853508	ANp	25	102	0.3	10.0
853509	ANp	5	82	0.5	10.0
853510	ANp	120	470	0.7	2.0
853511	ANp	15	227	0.4	6.0
853512	ANp	5	414	0.9	3.0
853513	ANp	140	146	0.5	5.0
853514	ANp	10	188	0.2	5.0
853515	ANp	5	423	0.1	5.0
853516	ANp	20	131	0.1	5.0
853517	ANp	3750	473	0.9	4.0
853518	ANp	140	364	0.2	5.0
853519	ANp	20	74	0.1	5.0
853520	SAMPLE LOST				
853521	ANp	70	351	0.1	5.0
853522	Fp	5	335	0.1	5.0
853523	ANp	ND	158	0.1	7.0
853524	ANp Sk	2750	579	0.3	3.0
853525	ANp Sk	1750	690	0.3	5.0
853526	ANp Sk	3450	1257	0.5	5.0
853527	ANp Sk	50	561	0.1	5.0
853528	ANp Sk	290	699	0.2	5.0
853529	ANp Sk	1675	1098	1.3	5.0
853530	ANp Sk	60850	2274	5.5	1.5
853531	ANp	55	176	0.1	10.0
853532	ANp	10	26	0.1	10.0
853533	ANt	110	79	0.1	10.0
853534	ANt	5	41	0.1	10.0
853535	ANp	5	112	0.1	10.0
853536	ANt	10	15	0.1	10.0
853537	ANt	100	570	0.3	10.0
853538	ANt	10	23	0.3	10.0
853539	Fp Sk(flt)	2950	3780	3.4	2.5
853540	Fp	20	90	0.1	10.0
853541	ANt	20	301	0.5	3.0
853542	Fp	30	184	0.4	3.0
853543	Fp	25	87	0.3	3.0
853544	Fp	5	41	0.2	3.0
853545	Fp	100	1268	0.2	3.0
853546	Fp Sk?	790	2605	0.7	3.0
853547	Di Sk	3515	1807	5.0	3.0
853548	Di Sk	680	4337	1.4	3.0
853549	Di Sk	1975	979	3.1	3.0
853550	ANt	10	50	0.2	5.0
853551	ANt	20	88	0.4	5.0
853552	ANt	5	78	0.6	5.0
853553	ANt	40	82	1.4	5.0
853554	ANt	10	22	0.1	5.0
853555	Ap	15	504	0.1	5.0
853556	Ap	10	367	0.2	5.0
853557	Ap	10	324	0.2	5.0
853558	Ap	10	498	0.2	5.0
853559	Ap	ND	638	0.2	5.0
853560	ANt	5	449	0.4	5.0
853561	ANt	40	645	0.6	5.0
853562	ANt	ND	79	0.3	10.0
853563	Sk	570	909	1.4	3.0
853564	Sk	1900	1346	3.5	3.0
853565	Sk	1400	589	3.5	3.0
853566	Sk	240	513	1.0	3.0
853567	Sk	135	596	0.5	3.0
853568	Sk	420	2436	1.3	3.0
853569	Sk	100	5111	0.3	3.0
853570	ANt Sk	220	2320	0.8	3.0
853571	ANt	5	2620	0.1	3.0
853572	ANt	35	1763	0.1	3.0
853573	ANt	10	152	0.2	3.0
853574	ANt	ND	110	0.2	10.0
853575	ANt	20	24	0.2	10.0
853576	ANt	5	30	0.1	10.0
853577	Ap	5	8	0.2	10.0
853578	ANt	ND	43	0.2	10.0
853579	ANt	ND	50	0.1	10.0
854001	ANp	5	27	0.1	10.0
854002	ANp	20	24	0.1	10.0
854003	ANp	10	17	0.1	10.0
854004	ANt	ND	19	0.1	10.0
854005	ANt	10	37	0.1	10.0
854006	ANt	5	20	0.1	10.0
854007	ANt	5	36	0.1	10.0
854008	ANt	5	75	0.1	10.0
854009	ANt	10	38	0.1	10.0
854010	ANt	5	43	0.1	10.0

SAMPLE NO.	LITHOLOGY	AU PPB	CU PPM	AG PPM	SAMPLE WIDTH(m)
854011	ANt	5	30	0.1	10.0
854012	ANt	ND	43	0.1	10.0
854013	ANt	ND	32	0.3	10.0
854014	ANt	15	32	0.1	10.0
854015	ANt	10	33	0.1	10.0
854016	ANt	ND	51	0.1	10.0
854017	ANt	5	56	0.1	10.0
854018	ANt	ND	42	0.1	10.0
854019	ANt	ND	35	0.1	10.0
854020	ANt	10	23	0.1	10.0
854021	ANt	15	24	0.1	10.0
854022	ANt	10	51	0.1	10.0
854023	ANt	10	35	0.1	10.0
854024	ANt	10	37	0.1	10.0
854025	ANt	20	39	0.1	10.0
854026	ANt	20	56	0.1	10.0
854027	ANt	25	57	0.1	10.0
854028	ANt	55	25	0.1	10.0
854029	ANt	40	55	0.2	10.0
854030	ANt	70	52	0.1	10.0
854031	ANt	120	70	0.3	10.0
854032	ANt	35	33	0.1	10.0
854033	ANt	30	62	0.2	10.0
854034	ANt	5	47	0.1	10.0
854035	ANt	20	41	0.1	10.0
854036	ANt	90	36	0.2	10.0
854037	ANt	40	39	0.1	10.0
854038	ANt	30	35	0.1	10.0
854039	ANt	80	35	0.1	10.0
854040	ANt	35	41	0.1	10.0
854041	ANt	25	35	0.1	10.0
854042	ANt	10	27	0.1	10.0
854043	ANt	20	33	0.1	10.0
854044	ANt	25	26	0.2	10.0
854045	ANt	ND	41	0.1	10.0
854046	ANt	5	52	0.1	10.0
854047	ANt	15	49	0.1	10.0
854048	ANt	60	43	0.1	10.0
854049	ANt	15	42	0.1	10.0
854050	ANt	30	49	0.1	10.0
854051	ANt	10	49	0.1	10.0
854052	ANt	5	36	0.1	10.0
854053	ANt	15	36	0.1	10.0
854054	ANt	5	20	0.1	10.0
854055	ANt	25	40	0.1	10.0
854056	Ap	60	30	0.6	10.0
854057	ANt	10	5	0.1	10.0
854058	ANt	15	10	0.1	10.0
854059	ANt	20	10	0.1	10.0
854060	ANt	10	41	0.1	10.0
854061	ANt	10	27	0.1	10.0
854062	ANt	25	49	0.1	10.0
854063	ANt	10	116	0.1	10.0
854064	ANt	30	39	0.1	10.0
854065	ANt	5	17	0.1	10.0
854066	ANt	ND	14	0.1	10.0
854067	ANt	10	27	0.1	10.0
854068	ANt	5	33	0.1	10.0
854069	ANt	30	22	0.1	10.0
854070	ANt	15	103	0.1	10.0
854071	ANt	5	113	0.1	10.0
854072	ANt	10	108	0.1	10.0
854073	ANt	ND	79	0.1	10.0
854074	ANt	5	87	0.1	10.0
854075	ANt	10	211	0.1	10.0
854076	ANt	5	79	0.1	10.0
854077	ANt	25	109	0.1	10.0
854078	ANt	20	230	0.1	10.0
854079	ANt	60	361	0.7	10.0
854080	Ap	30	127	0.1	10.0
854081	Ap	10	129	0.2	10.0
854082	Ap	50	116	0.3	10.0
854083	Ap	15	66	0.1	10.0
854084	Ap	5	69	0.1	10.0
854085	Ap	10	129	0.1	10.0
854086	Ap	5	154	0.1	10.0
854087	Ap	15	217	0.2	10.0
854088	Ap	10	220	0.5	10.0
854089	Ap	200	466	0.9	10.0
854090	Ap	ND	157	0.1	10.0
854091	Ap	10	137	0.4	10.0
854092	Ap	15	113	0.5	10.0
854093	Ap	15	118	0.5	10.0
854094	Ap	20	129	0.6	10.0
854095	Ap	10	102	0.4	10.0
854096	Ap	5	116	0.6	10.0
854097	Ap	5	69	0.4	10.0
854098	Ap	20	100	0.4	10.0
854099	Ap	15	130	0.5	10.0
854100	Ap	10	89	0.4	10.0
854101	Ap	10	94	0.4	10.0
854102	Ap	105	42	0.3	10.0
854103	Ap	5	53	0.4	10.0
854104	Ap	860	26	0.6	10.0
854105	Ap	10	93	0.6	10.0
854106	Ap	5	83	0.5	10.0
854107	Ap	5	104	0.6	10.0
854108	Ap	5	85	0.4	10.0
854109	Ap	30	82	0.5	10.0
854110	Ap	20	200	0.4	10.0
854111	Ap	5	88	0.4	10.0
854112	Ap	ND	65	0.3	10.0
854113	Ap	70	81	0.5	10.0
854114	Ap	15	88	0.3	10.0
854115	Ap	20	159	0.4	10.0
854116	Ap	10	107	0.4	10.0
854117	Ap	ND	174	0.4	10.0
854118	Ap	5	154	0.5	10.0
854119	Ap	15	106	0.4	10.0
854120	Ap	10	75	0.4	10.0
854121	Ap	5	98	0.6	10.0
854122	Ap	5	79	0.4	10.0
854123	Ap	20	72	0.5	10.0
854124	Ap	ND	79	0.4	10.0
854125	Ap	20	75	0.4	10.0
854126	mD	60	336	0.7	3.0
854127	mD Sk	80	167	1.0	3.0
854128	mD Sk	100	916	1.2	3.0
854129	mD Sk	20	330	0.6	3.0
854130	mD	40	507	0.7	3.0
854131	mD	30	474	0.5	3.0
854132	mD	10	213	0.4	3.0
854133	mD	ND	56	0.3	3.0
854134	mD	5	56	0.4	3.0
854135	mD	10	149	0.5	3.0
854136	mD	ND	36	0.3	3.0
854137	mD	15	13	0.4	3.0
854138	Ap Sk	360	602	0.8	5.0
854139	Ap Sk	425	620	1.5	5.0
854140	Ap Sk	40	326	0.3	5.0
854141	mD	80	352	0.9	5.0
854142	mD	70	246	0.5	5.0
854143	mD	50	78	0.3	5.0
854144	mD	20	101	0.4	5.0
854145	ANt	100	127	0.5	5.0
854146	ANt	30	64	0.6	5.0
854147	ANt	10	121	0.5	5.0
854148	mD	15	56	0.5	5.0
854149	mD	35	201	0.2	5.0
854150	mD	30	117	0.5	5.0
854151	mD	65	228	0.8	5.0
854152	mD Sk	180	226	0.9	5.0
854153	mD Sk	1500	312	1.3	5.0
854154	mD Sk	120	2009	0.2	5.0
854155	mD Sk	90	495	0.5	5.0
854156	mD Sk	160	471	0.7	5.0
854157	mD	10	123	0.5	5.0
854158	mD	30	153	0.6	5.0
854159	ANp Sk	7800	1382	4.8	2.5
854160	ANt Sk	20	115	0.1	5.0
854161	ANt Sk	20	1283	0.1	5.0
854162	ANt Sk	165	121	0.1	5.0
854163	ANt Sk	1270	2515	1.2	5.0
854164	Ap Sk	140	433	0.4	5.0
854165	AN Sk	20	267	0.1	5.0
854166	Ap	10	124	0.1	5.0
854167	ANt	ND	124	0.2	10.0
854168	ANt	ND	87	0.1	10.0
854169	ANt	5	90	0.1	10.0
854170	ANt	ND	64	0.2	10.0
854171	ANt	5	109	0.1	10.0
854172	ANt	10	83	0.1	10.0
854173	ANt	10	58	0.2	3.0
854174	ANt	20	126	0.2	3.0
854175	ANt Sk	140	376	0.7	3.0
854176	Sk	2400	542	1.9	3.0
854177	ANt Flt Sk	1450	982	1.4	3.0
854178	Di Sk	280	79	0.4	3.0
854179	ANt Flt Sk	1500	41	2.3	3.0
854180	ANt Flt Sk	900	69	0.9	3.0
854181	ANt Flt Sk	430	31	0.4	3.0
854182	ANt Flt Sk	3475	24	3.1	3.0
854183	ANt Flt Sk	1220	908	1.5	3.0
854184	ANt Flt Sk	2325	4353	3.0	3.0
854185	ANt Flt Sk	230	611	0.2	3.0
854186	ANt Flt Sk	30	161	0.2	3.0
854187	ANt Flt Sk	60	232	0.2	3.0

Abbreviations on table:

ANt - Andesite tuff
ANp - Porphyritic andesite
Ap - Augite porphyry
Fp - Feldspar porphyry
Di - Diorite
mD - Microdiorite
Sk - Skarn
Flt - Fault
Qvn - Quartz vein
Fs - Felsite

Gold values (ppb)
[650 / 3m
Width in metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,315

0 50 100 150
Metres

SELCO DIVISION -
BP RESOURCES CANADA LIMITED

SOUP CLAIMS

ROCK CHIP SAMPLES
GOLD GEOCHEMISTRY

SCALE	1:2000	DRAWN BY: R.E.M, H.S.		FIG. 4 C
DATE	SEPT 1984	DRAFTED BY: E.B.W.		
N.T.S. 94 D/9		PROJ. 10107	REPORT BPVR 84-15	