

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

**ASSESSMENT REPORT
TITLE PAGE AND SUMMARY**

TYPE OF REPORT (type of survey(s))	TOTAL COST	\$160,425.41
Mapping, Geochemical Sampling		

AUTHOR(S) _____ SIGNATURE(S) _____
R.Tim Henneberry, P.Geo. "signed and sealed"

NOTICE OF WORK NUMBER(S) / DATE(S) _____ YEAR OF WORK 2006

STATEMENT OF WORK – CASH PAYMENT EVENT NUMBERS / DATE(S)

PROPERTY NAME Nicoamen River Property

CLAIM NAME(S) (on which work was done) _____
506513, 508830, 511667, 511671, 528761

COMMODITIES SOUGHT Epithermal Precious Metals

MINERAL INVENTORY MINFILE NUMBERS, IF KNOWN _____

MINING DIVISION Kamloops NTS 092I/03 TRIM 092I014
LATITUDE _____ LONGITUDE _____ (at centre of work)
NORTHING 5559000 EASTING 619000 UTM ZONE 10 MAP DATUM NAD 83

OWNER 1 Almaden Minerals Ltd. OWNER 2 _____

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OPERATORS (who paid for work) _____
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MAILING ADDRESS _____
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PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size, attitude)
The claims are largely underlain by Cretaceous Spences Bridge Group volcanics and volcanics and Permian to Triassic granodiorite of the Mt. Lytton Complex. Two showings have been located: the West Zone within the complex and the Discovery Zone within the Spences Bridge volcanics. A detailed fillin 2006 soil survey was successful in locating 5 gold in soil anomaly clusters: two in the Mt. Lytton Complex and three in the Spences Bridge volcanics. Grid prospecting and mapping, trenching and diamond drilling is recommended

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS
28146

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (In Metric Units)	On Which Claims	Project Costs Apportioned
GEOLOGICAL (scale, area)			
Ground, mapping	1:50,000	506513, 508830, 511667, 511671, 528761	
Photo Interpretation			
GEOPHYSICAL (line kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Siesmic			
Other			
Airborne			
GEOCHEMICAL			
(number of samples analyzed for)			
Soil	1975	506513, 511667, 511671	
Silt			
Rock	4	511667, 511671	
Other			
DRILLING			
(total metres, number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / assaying			
Petrographic			
Mineralogical			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATION / PHYSICAL			
Line/grid (kilometres)			
Topographic / Photogrammatic (scale, area)			
Legal Surveys (scale, area)			
Road, local access (kilometres)			
Trench (metres)			
Underground dev. (metres)			
Other			
TOTAL COST			\$160,425.41

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GEOLOGICAL REPORT

NICOAMEN PROJECT

Kamloops Mining Division
TRIM Sheet 092I014
UTM (NAD 83) ZONE 10 619000 5559000

FOR

TANQUERAY RESOURCES LTD.
Suite 310 - 505 - 8th Avenue S.W.
Calgary, Alberta T2P 1G2

By; R. Tim Henneberry, P. Geo.
January 25, 2007

-2-
SUMMARY

The Nicoamen property is being explored for its epithermal precious metal potential. The Nicoamen property lies 17 kilometres southeast of Lytton or 34 kilometres northeast of Boston Bar. Road access from the Trans Canada Highway is via the Nicoamen Forest Service Road 15 kilometres south of Lytton or from the Ainslie North - Mowhokam Forest Service Road 10 kilometres north of Boston Bar.

The Nicoamen property lies within the Lower Cretaceous Spences Bridge Group, a belt of andesitic volcanic arc rocks stretching from the north of Princeton to the west of Cache Creek. The Spences Bridge Gold Belt is emerging as a new epithermal exploration target.

The on-going exploration programs on the Nicoamen property have continued to meet with some success. Detailed soil geochemistry over sections of the previous soil grid has identified five large gold in soil anomaly clusters that will required ground truthing, by prospecting, mapping and excavator trenching. Ground geophysics were also completed, though results have yet to be submitted by the contractor.

The results of the 2006 exploration program make the Nicoamen property worthy of further exploration to adequately assess its potential to host epithermal precious metal deposits.

A two-phase, success contingent program of prospecting and excavator trenching, followed by diamond drilling is recommended to continue with the exploration of the Nicoamen property.

A total of 150 hours of excavator trenching has been budgeted to test the five anomaly clusters and the previously known Discovery Zone. Prior to the trenching, prospecting of the clusters is required to direct the location of the trenches. The cost of the trenching program is estimated at \$50,000.

A successful conclusion to Phase I will initiate Phase II. Phase II will consist of 1500 metres of diamond drilling at an estimated cost of \$280,000.

Phase I 2007 - trenching	30 days	\$ 50,000
Phase II 2007 - diamond drilling	30 days	\$ 280,000
Total 2007 Budget		\$ 330,000

The cost of the 2006 exploration program is \$160,425.41.

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INTRODUCTION

The purpose of this report is to compile the data for the 2006 exploration program undertaken by Tanqueray Resources Ltd. on the Nicoamen property. This report will also meet the assessment requirements for the claims of the Nicoamen Project.

This report was commissioned by Ms. Linda Falkenberg, the CFO of Tanqueray Resources Ltd.

In April 2005, Tanqueray Resources Ltd. entered into a joint venture agreement on the Nicoamen project with Almaden Minerals Ltd., the property owner. Almaden acquired the claims by staking as part of its larger Spences Bridge Gold Belt property holdings. Almaden was attracted to the area by reports of placer gold in Thompson River and a Regional Geochemical Survey anomaly in the Nicoamen River itself.

Despite its relative close proximity to Vancouver, the epithermal gold potential of this belt of Cretaceous Spences Bridge volcanics was largely ignored until the pioneering efforts of Ed Balon and the Almaden Minerals Ltd. crew in the early 2000's. Almaden first came to the area in 2000, puzzled by a number of unexplained Regional Geochemical Survey precious metal anomalies in a Cretaceous volcanic island arc setting, a prime setting for epithermal style precious metal mineralization. Prospecting of a number of these anomalies resulted in the discovery of epithermal gold mineralization on several of Almaden's properties, including Prospect Valley, Skoonka Creek and this property – the Nicoamen River project.

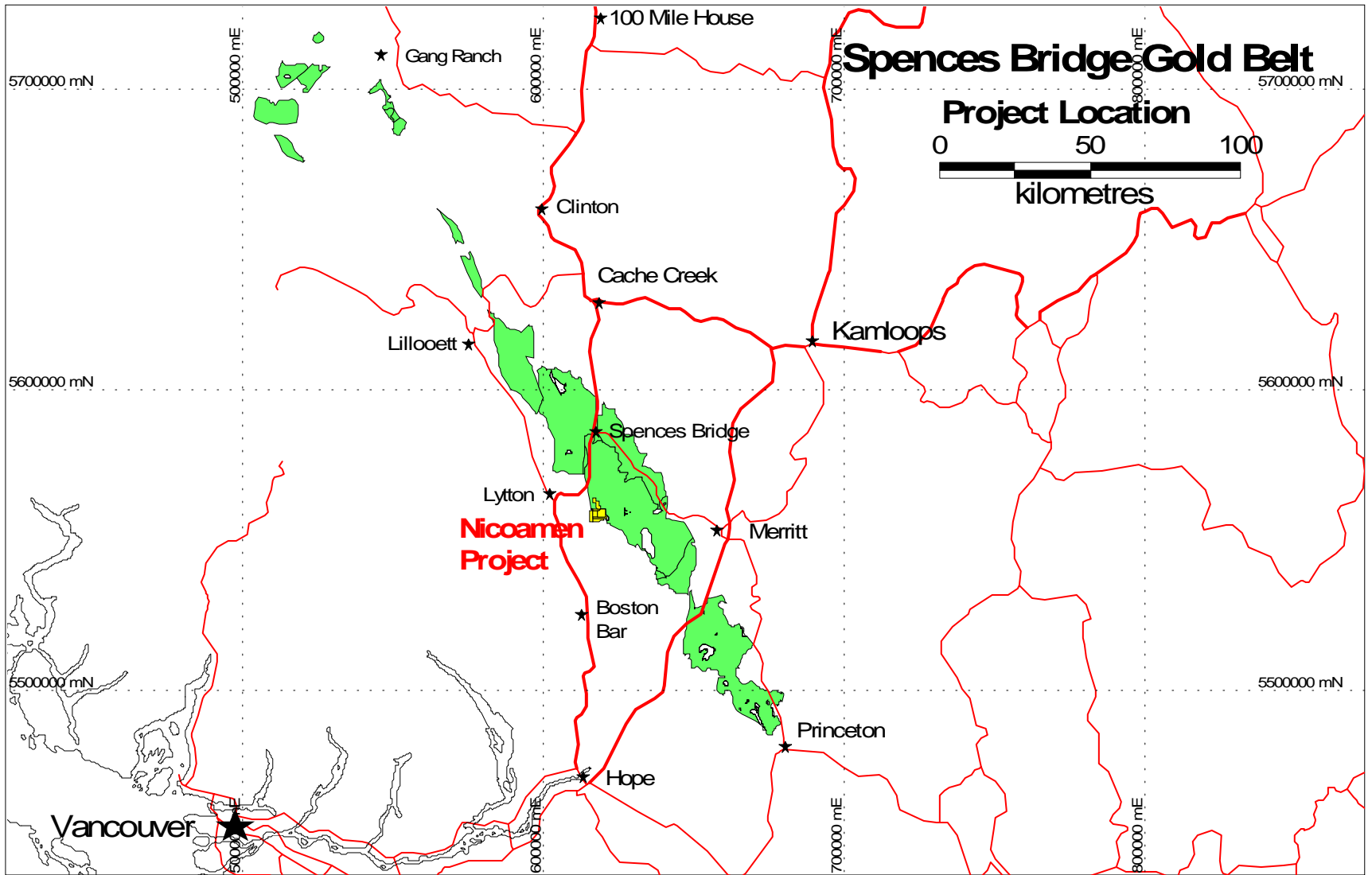
Tanqueray Resources Ltd. completed the phase I recommendations resulting from the 2005 Almaden exploration program. This consisted of tightening and expanding of the existing soil grids (48 line km at 25 metre sample spacings – 1975 samples). This was to be followed by ground geophysics. The geophysical survey was done, but the results have yet to be presented to Tanqueray.

The author directed the entire 2006 exploration program on the Nicoamen project.

All UTM coordinates throughout this technical report are in the datum of NAD 83 in Zone 10.

RELIANCE ON OTHER EXPERTS

The author is not relying on a report or opinion of any experts. The ownership of the claims comprising the property and the ownership of the surrounding claims has been taken from the Mineral Titles Online database maintained by the British Columbia Ministry of Energy and Mines. The data on this site is assumed to be correct.



**NICOAMEN PROJECT
LOCATION**
Figure 1

PROPERTY DESCRIPTION AND LOCATION

The Nicoamen project lies on TRIM claim sheet 092I014 in the Kamloops Mining Division. The property consists of six claims totaling 2,607.633 hectares. The geographic center of the property is approximately UTM ZONE 10 619000E 5559000N (NAD 83).

Tenure Number	Claim Name	Owner	Map Number	Good To Date	Area (ha)
506513	Zak 3	144134	092I	2011/DEC/31	517.419
508830	Zak 4	144134	092I	2009/DEC/31	496.391
511667		144134	092I	2011/DEC/31	413.932
511671		144134	092I	2011/DEC/31	517.418
528760	Zak 5	144134	092I	2009/DEC/31	331.282
528761	Zak 6	144134	092I	2009/DEC/31	331.191
Total Area					2607.633

The claims are registered in the name of Almaden Minerals Ltd. of Vancouver, B.C. Tanqueray Resources Ltd. has a right to earn a 51% interest in the claims by issuing 400,000 common shares of Tanqueray and incurring \$2,000,000 in exploration expenditures by December 31, 2010 as follows:

Date	Shares	Date	Work Commitments
30-Apr-2006	100,000	31-Dec-2006	\$75,000
30-Apr-2007	100,000	31-Dec-2007	\$200,000
30-Apr-2008	200,000	31-Dec-2008	\$225,000
		31-Dec-2009	\$500,000
		31-Dec-2010	\$1,000,000
Totals	400,000		\$2,000,000

ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The Nicoamen property lies 17 kilometres southeast of Lytton or 34 kilometres northeast of Boston Bar. Road access from the Trans Canada Highway is via the Nicoamen Forest Service Road 15 kilometres south of Lytton or from the Ainslie North - Mowhokam Forest Service Road 10 kilometres north of Boston Bar. These forestry roads join near the southwest corner of the property, 47km southeast from Lytton and 38km northeast of Boston Bar. From this point the main branch roads lead to networks of logging spurs which extend for several kilometres northeasterly into the central and southern claim areas.

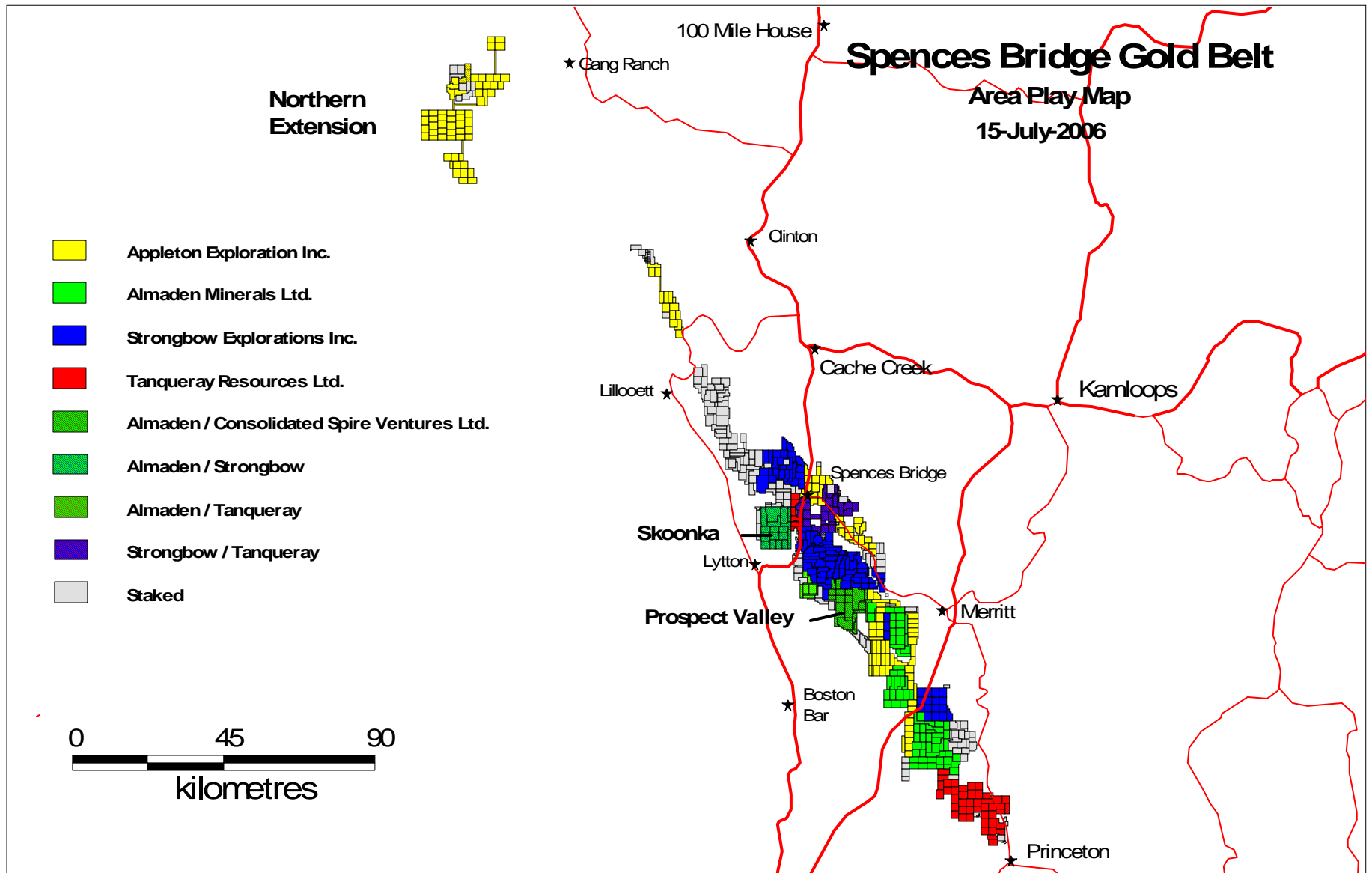
The topography is moderate to locally steep, with elevations ranging from 750 metres ASL in the north in the steep-walled canyon of the Nicoamen River, climbing steadily to 1750 metres ASL on the southern boundary of the claim group. The property covers part of the drainage of Nicoamen River, which flows northward to join the Thompson River 15km east of Lytton. Vegetation consists mainly of widely spaced lodgepole pine and Douglas fir changing to more dense balsam fir, spruce and cedar along creek valleys. Dense brush consisting of alder and willow is common along most of the stream gullies and road cuts, and in swales between topographic highs. Approximately 60% of the property area has been logged since 1990.

Soil and glacial till cover is extensive and generally shallow, but includes locally relatively deeper deposits. Overall bedrock exposure is moderate to locally abundant in road cuts and in some of the stream gullies, as well as on steep upper slopes, ridge crests and in the Nicoamen River canyon.

The climate of this part of the province is typical of the southern interior of British Columbia. The summer field season is generally warm and dry and runs from mid- to late- April through to late-October. Winters are cold with significant snow accumulations. Temperatures can dip to minus 20 Celsius for extended periods.

The logistics of working in this part of the province are excellent. Gravel road access will allow the movement of supplies and equipment by road. Heavy equipment should be available locally in Boston Bar or Merritt, as are supplies, fuel and lodging. Depending on the type of exploration program to be conducted, the field season generally runs from late-April to early-November.

A trenching permit is in place for the next phase of exploration on the Nicoamen River project (MX4-440). The \$2,500 performance bond has been posted with the provincial Ministry of Energy and Mines. Should further trenching and diamond drilling programs be contemplated, further permitting will be required. These permits are generally readily obtainable contingent on the posting of small (\$5,000 to \$10,000) reclamation bonds.



SPENCES BRIDGE GOLD BELT
Area Play Map at 15-July-2006
 Figure 3

The Nicoamen property lies within the Spences Bridge Gold Belt, a northwest trending belt of Cretaceous volcanics of island arc affinity. The Belt stretches from Princeton northwestward to Lillooet with smaller outliers continuing further northwestward to Gang Ranch.

The Nicoamen River property was discovered by Almaden Minerals Ltd. in 2003 as part of a regional exploration program evaluating the 1994 Regional Geochemical Survey results for gold for Sheet 092I. Prior to staking in 2004, Almaden re-visited the area twice, taking an additional 41 stream sediment, 15 reconnaissance soil and 16 rock grab samples. This program included detailed road cut and stream gully prospecting in conjunction with further geochemical sampling. The 2004 work resulted in the identification of numerous significant gold-bearing quartz float occurrences and of two local strongly altered subcrop exposures (Discovery and West Zones) carrying anomalous multi-element values. (Balon and Hylands, 2006).

A larger program was conducted in 2005, consisting of an initial grid soil geochemical sampling survey (771 samples), further prospecting and reconnaissance geochemical sampling (7 stream sediment, 56 soil, 5 rock samples), and limited hand trenching with related bedrock mapping/sampling of the Discovery and West Zones (15 trench rock samples). (Balon and Hylands, 2006).

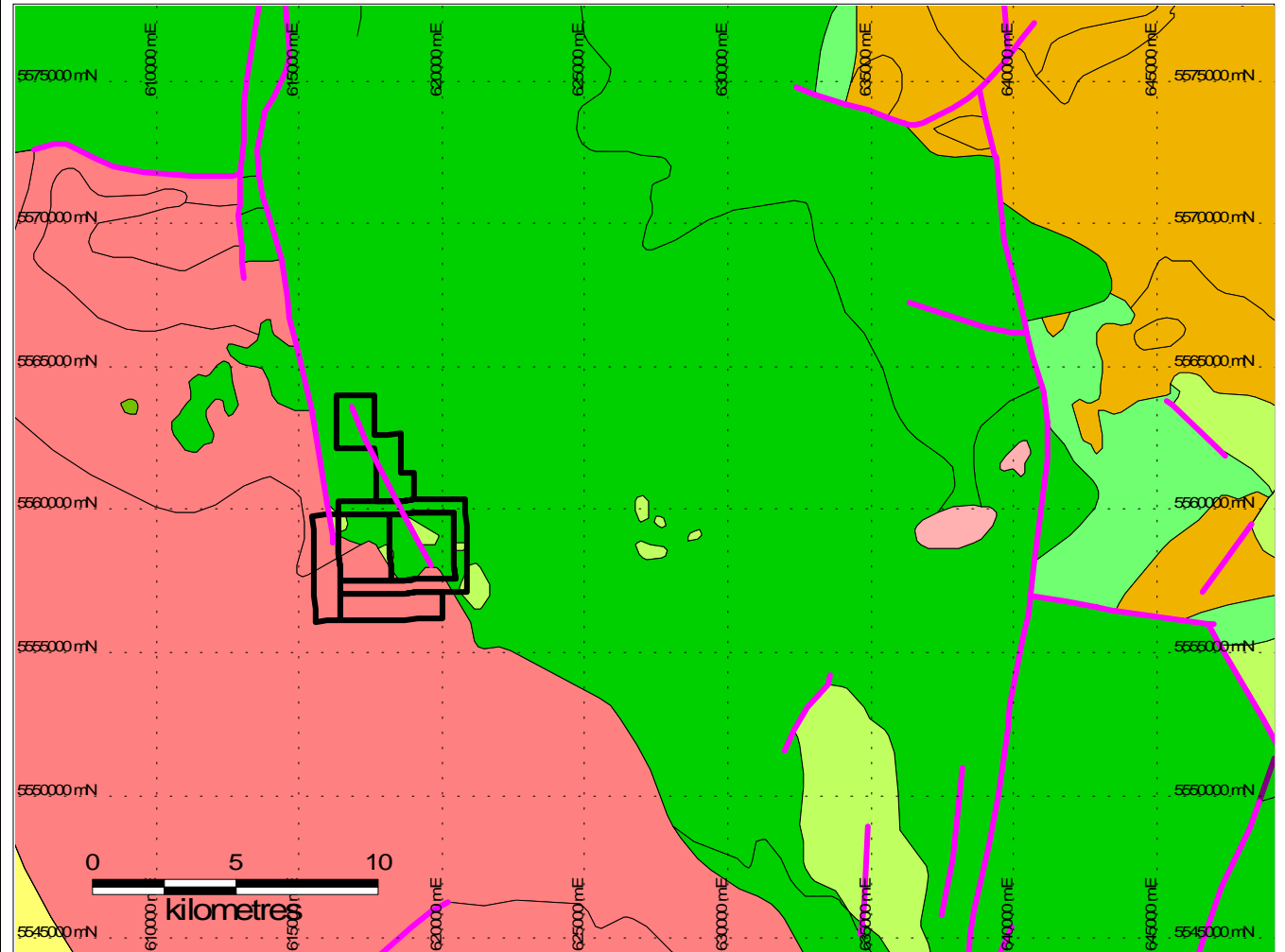
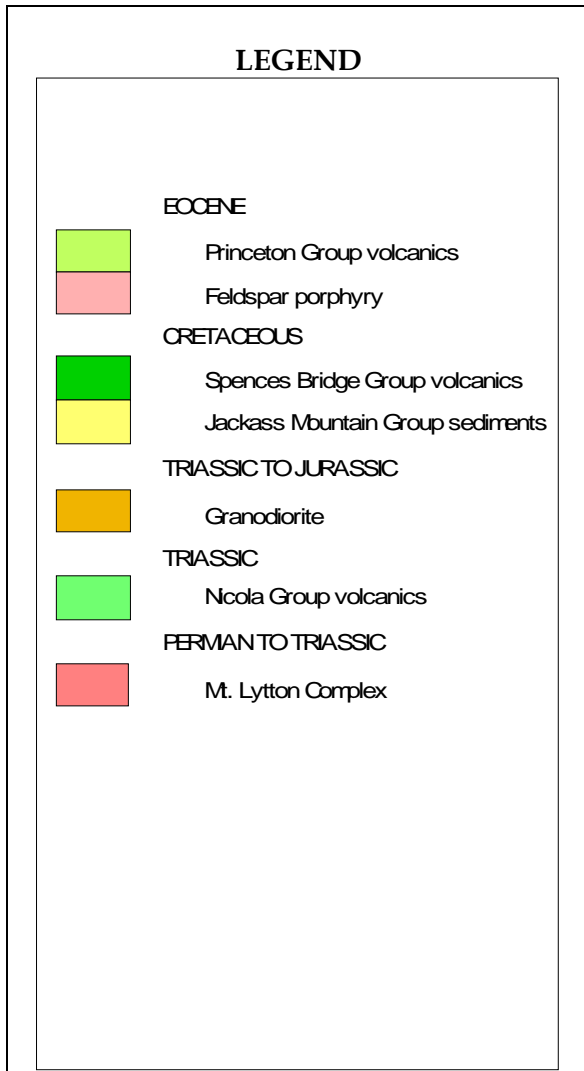
The Spences Bridge Gold Belt has seen an exponential growth in exploration activity since the initial discovery of the Nicoamen River in 2003. Almaden Minerals Ltd. have also discovered several additional epithermal occurrences including Skoonka Creek (now a joint venture with Strongbow Exploration Inc.) and Prospect Valley (now sold to Consolidated Spire Ventures Ltd.

The Spences Bridge Gold Belt Area Play Map dated 15-July-2006 shows the entire Spences Bridge Gold Belt is now staked. Approximately 85% to 90% of the Belt is controlled by five firms: Almaden Minerals Ltd. (AMM-TSX), Strongbow Exploration Inc. (SBW-TSX V), Consolidated Spire Ventures Ltd. (CZS-TSX V), Tanqueray Resources Ltd. (TQY - TSX V) and Appleton Exploration Inc. (actively pursuing a TSX Venture listing).

Spences Bridge Holdings of Key Players

Almaden Minerals Ltd	58,000 hectares	less various JV's
Strongbow Explorations Inc.	68,000 hectares	plus 10,800 hectares Almaden JV
Consolidated Spire Ventures Ltd.		10,700 hectares Almaden JV
Tanqueray Resources Ltd.	24,700 hectares	plus 11,500 hectares Strongbow JV
		plus 2,600 hectares Almaden JV
Appleton Exploration Inc.	71,000 hectares	

Almaden, Strongbow, Consolidated Spire, Tanqueray and Appleton all completed large scale (+\$100,000) exploration programs on their Spences Bridge properties. Exploration results are anticipated throughout the first quarter of 2007.



Geology from MapPlace

**NICOAMEN PROJECT
REGIONAL GEOLOGY**
Figure 4

GEOLOGICAL SETTING
(Summarized from MINFILE 092ISW)

The Nicoamen project area lies within the Intermontane Belt of the central interior of British Columbia. The regional geology is taken from MapPlace and is shown in Figure 4. The southwestern part of the map area is underlain by Permian to upper Triassic Mount Lytton Complex diorites and amphibolites as well as an unnamed Permian to Jurassic diorite. The eastern part of the map area is underlain by upper Triassic Nicola Group western volcanic facies rocks intruded by the late Triassic to early Jurassic intrusions. The centre of the map area is underlain by the lower Cretaceous Spences Bridge Group, the focus of the precious metal exploration.

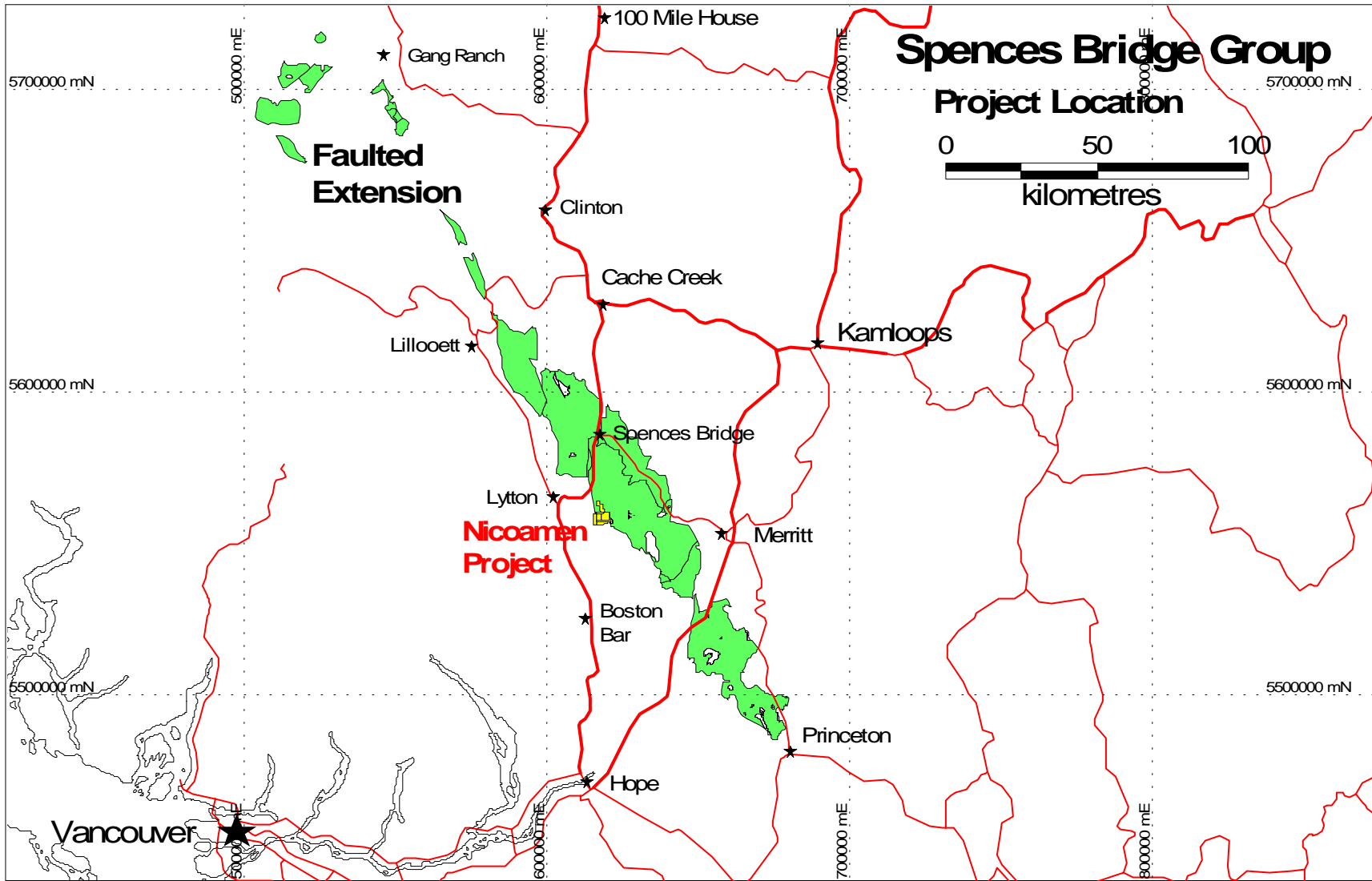
Volcanics and sediments of the Eocene Princeton and Kamloops groups occur as outliers within the Mount Lytton Complex and unconformably overlying the Spences Bridge Group. Quaternary sediments occur as thick drifts along the main rivers and some of the larger creeks. Related (?) Eocene feldspar porphyries locally intrude Nicola and Spences Bridge Group rocks.

The middle to upper Cretaceous Spences Bridge Group has recently been identified as a significant target for epithermal precious metal mineralization. This group forms a northwest trending volcanic belt consisting of a thick sequence of gently folded volcanics with lesser sediments, dipping shallowly to the northeast. Rocks of the Spences Bridge Group are believed to have formed as a chain of stratovolcanoes associated with subsiding, fault-bounded basins (Thorkelson, 1985).

Geology of the Spences Bridge Group

The Spences Bridge Group forms a northwest trending belt from 3 to 24 kilometres wide extending from north of Princeton through to east of Lillooett. (Duffel and McTaggart, 1952) A faulted extension of the belt occurs as a series of outliers in the Churn Creek / Empire Valley area west of 100 Mile House (Thorkelson, 2006). The group is estimated to be up to 3400 metres in thickness. (Thorkelson, 2006).

The Spences Bridge Group is thought to be the volcanic representation of the closure of the oceanic basin between Wrangellia to the west and the assemblage of intermontane terranes (the accreted part of ancestral North America) to the east. Spences Bridge rocks were deposited on two main basement types: west of the village of Spences Bridge, they overlie the mainly Paleozoic Cache Creek terrane; to the east, they overlie plutonic and volcanic rocks of the late Triassic Nicola Arc, part of the Quesnellia terrane. (Thorkelson 2006).



**SPENCES BRIDGE GROUP
LOCATION**
Figure 5

Shortly after eruption on the Spences Bridge Group began, tectonism led to the deposition of a near-basal conglomerate that contains clasts of Triassic granitoids and Nicola volcanic rocks. These rocks commonly show foliations and lower greenschist metamorphism which are not evident in the Spences Bridge Group, suggesting Spences Bridge rocks were deposited on the basement after deposition of the Nicola Group, deformation and metamorphism, and exhumation. (Thorkelson, 2006).

The Spences Bridge Group consists of two formations: the Pimainus Formation and the overlying Spius Formation. The Pimainus Formation is highly variable, containing lava, tephra, fanglomerate, lahar, sandstone, and coal. Volcanic compositions range from basalt to rhyolite. It is most reasonably thought of as a stratovolcano assemblage. The overlying Spius Formation consists almost entirely of amygdaloidal andesitic lava, ranging from pahoehoe to aa types. In some places, the contact is conformable and hard to identify, while in others, lacustrine beds separate the two formations. (Thorkelson, 2006).

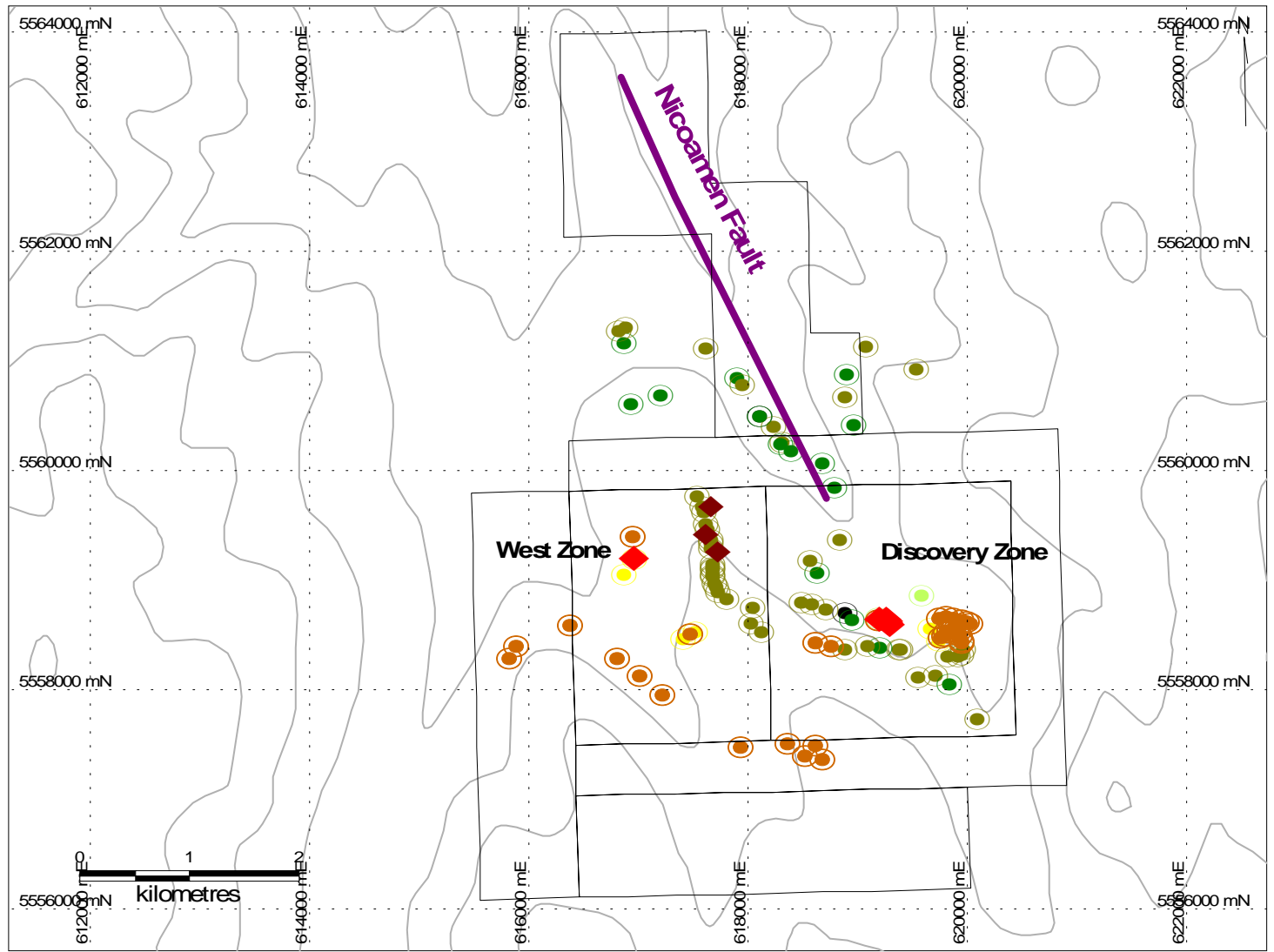
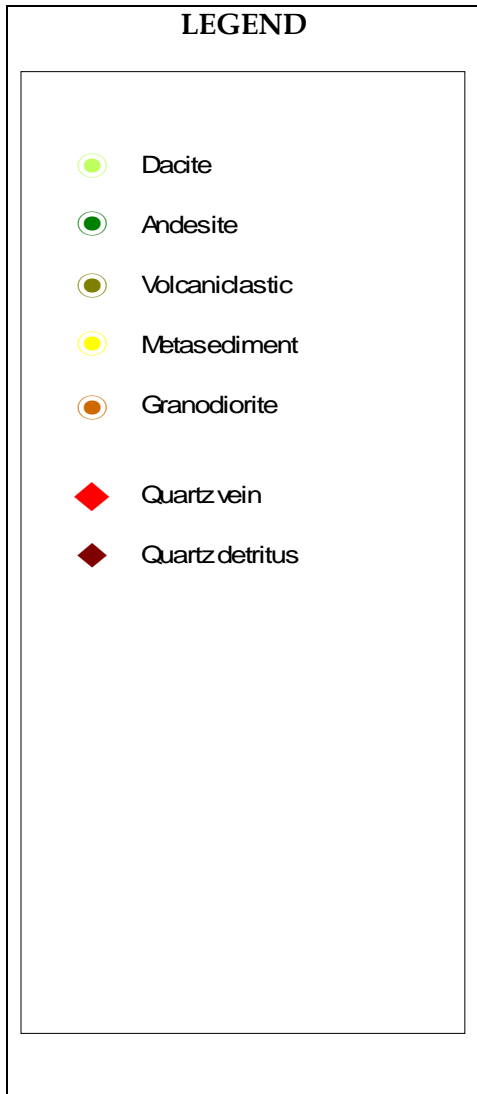
The Spences Bridge Group is preserved in the Nicoamen structural depression, a complex synclinorium crosscut by normal faults. It may have been forming at the same time as the Spences Bridge Group. Presently, the Spius Formation is largely confined to the centre of the structural depression but appears to be the relic of an extensive shield volcano with a few cinder cones. (Thorkelson, 2006).

Structurally, the Spences Bridge Group is generally gently folded, with dips from 10° to 40°. Individual flows and beds do not appear to be widespread. There appears to be some faulting within the group but the lack of marker horizons makes measurement of any displacement difficult. (Duffel and McTaggart, 1952).

Nicoamen Property Geology

The Nicoamen property lies at the western boundary of the Spences Bridge Group with the basement Mt. Lytton complex. The dominant lithology on the northeastern half of the property is Spius Formation andesite and Pimainus Formation volcanics. Outliers of Princeton Group dacite are shown on the regional geology map; one exposure was noted during the mapping. The southwestern half of the property is underlain by the Mt. Lytton Complex, predominantly granodiorite with local metasediment exposures.

Though the regional geology map shows most of the claim block as being underlain by Spius andesites, the mapping has shown there is a ± one kilometre wide strip of Pimainus Formation volcanics tight to the Mt. Lytton Complex. The volcanics are predominantly tuffs with or without plagioclase lapilli. On fresh surface the stone is grey green. These units generally consist of a dark green, aphanitic matrix with local white plagioclase lapilli. There is moderate to strong alteration in the volcanics consisting primarily of hematite. High level quartz is ubiquitous through a long ridge at the centre of the claim block. Agates, quartz shards and weathered amygdules were commonly noted in this section of the property.



**NICOAMEN PROJECT
PRELIMINARY PROPERTY GEOLOGY**

Figure 6

The Spius Formation andesite appears to underlie most of the remaining northeast half of the claim block, with some interbedded volcanoclastics near the Pimainus contact. The rock is usually dull grey weathering, but green to green-black on fresh surfaces. It ranges from porphyritic (with plagioclase laths to 1 cm in size) to aphanitic and is locally vesicular. Alteration consists primarily of patchy hematite, with local limonite and carbonate. Quartz is common within the volcanoclastic inter beds, but only seen locally in the andesites.

The dacite is a massive, fresh aphanitic light brown rock. No alteration was noted.

Metasediments of the Mt. Lytton complex outcrop sporadically over the southwestern half of the property. These rocks range from slate through to quartzite and generally show chlorite and some bleaching in the coarser units. The rocks can contain rusty horizons indicating weathered sulfides.

The granodiorite underlies much of the southwest section of the claim block. It is highly weathered as much of the area is nothing more than crumbly granite regolith. The stone is comprised of plagioclase, K-feldspar and quartz. It is generally leucocratic with little mafic minerals. Alteration ranges from nothing to fracture controlled K-feldspar. Local sulfide horizons were noted, though there did not appear to be any continuity to these horizons.

The Nicoamen Fault is major lineal structure trending down the length of the Nicoamen River. The author was unable to examine the fault as this section of the property is inaccessible.

Two structures have been explored in the past (Balon and Hyland, 2006): the Discovery Zone and the West Zone. The Discovery Zone is a narrow, rhythmically banded, chalcedonic quartz vein in an altered granodiorite dyke. The West Zone is a series of quartz veins in brecciated quartzofeldspathic rock.

The Nicoamen property is being explored for low sulphidation epithermal precious metals deposits. The following summary is condensed from British Columbia Ore Deposit Models (Panteleyev, 1996).

Low sulphidation epithermal deposits are typically hosted in volcanic island and continent-margin arcs and continental volcanic fields with extensional structures. These deposits can form in most types of volcanic rocks, though calcalkaline andesitic compositions predominate. Low sulphidation deposits can be any age, though Tertiary deposits are the most abundant. Jurassic deposits are important in British Columbia (Toodoggone).

Ore zones are typically localized in structures, but may occur in permeable lithologies. Upward-flaring ore zones centred on structurally controlled hydrothermal conduits are typical. Large (> 1 m wide and hundreds of metres in strike length) to small veins and stockworks are common with lesser disseminations and replacements. Vein systems can be laterally extensive but ore shoots have relatively restricted vertical extent. High-grade ores are commonly found in dilational zones in faults at flexures, splays and in cymoid loops.

In some districts the epithermal mineralization is tied to a specific metallogenic event, either structural, magmatic, or both. The veins are emplaced within a restricted stratigraphic interval generally within 1 km of the paleosurface. Mineralization near surface takes place in hot spring systems, or the deeper underlying hydrothermal conduits. Normal faults, margins of grabens, coarse clastic caldera moat-fill units, radial and ring dike fracture sets and both hydrothermal and tectonic breccias are all ore fluid channeling structures. Through-going, branching, bifurcating, anastomosing and intersecting fracture systems are commonly mineralized. Hanging wall fractures in mineralized structures are particularly favourable for high-grade ore.

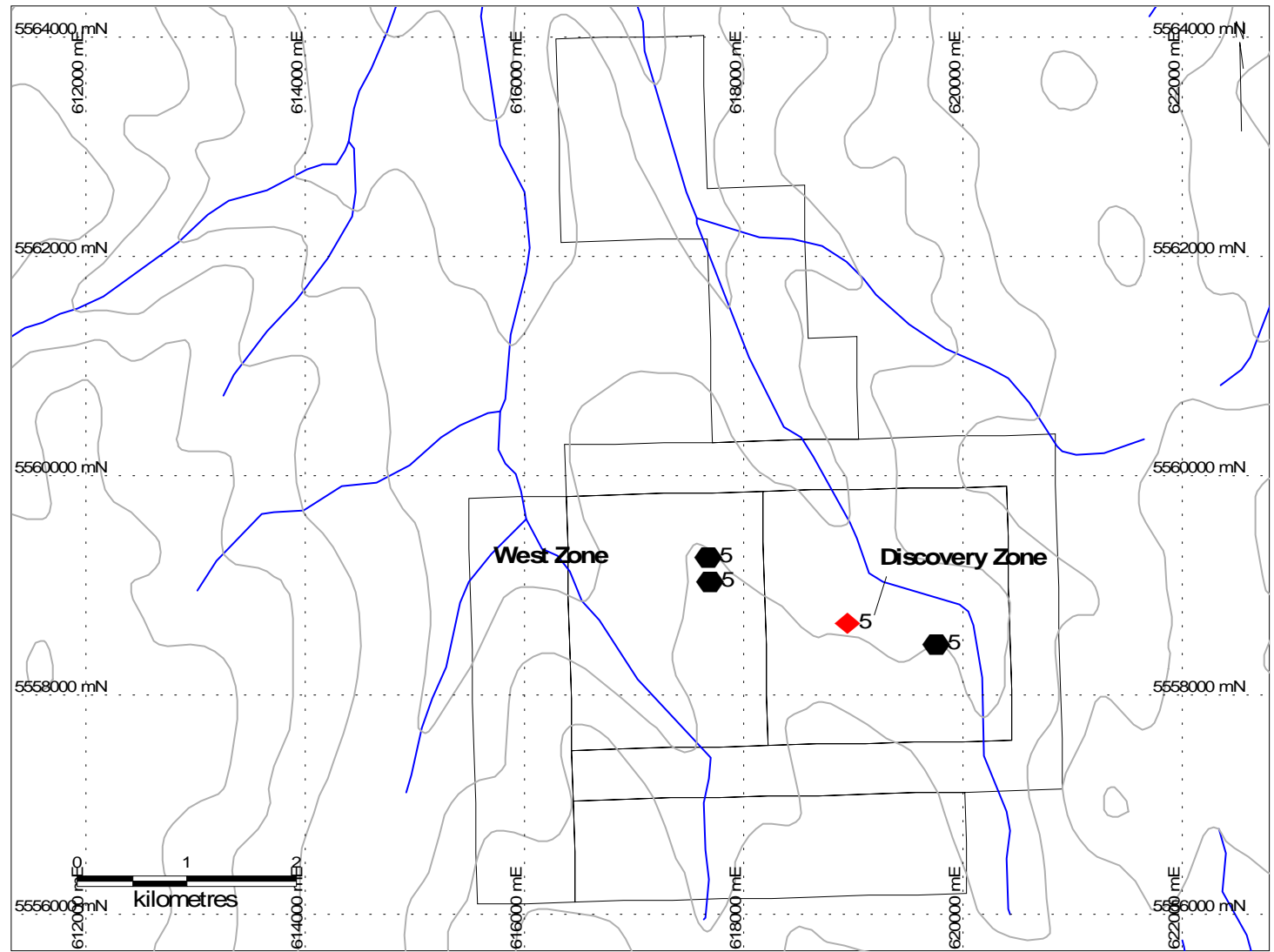
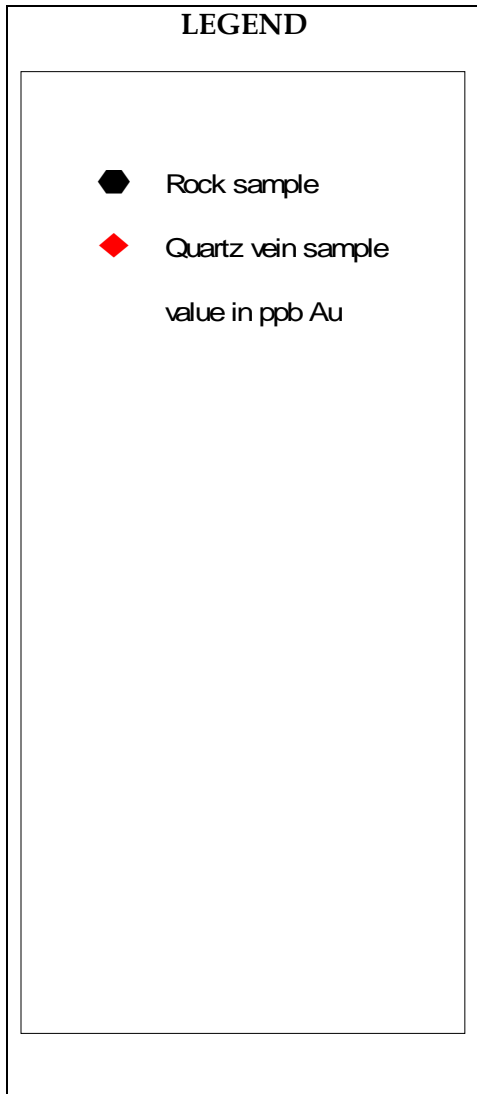
Veins are comprised of quartz, amethyst, chalcedony, quartz pseudomorphs after calcite, and calcite. They may contain lesser amounts of adularia, sericite, barite, fluorite, Ca- Mg-Mn-Fe carbonate minerals such as rhodochrosite, hematite and chlorite. Veins commonly exhibit open-space filling, symmetrical and other layering, crustification, comb structure, colloform banding and multiple brecciation.

Mineralization within the veins consists of pyrite, electrum, gold, silver and argentite, with lesser chalcopyrite, sphalerite, galena, tetrahedrite, silver sulphosalt and/or selenide minerals. Deposits can be strongly zoned along strike and vertically. Deposits are commonly zoned vertically over 250 to 350 m from a base metal poor, Au-Ag-rich top to a relatively Ag-rich base metal zone and an underlying base metal rich zone grading at depth into a sparse base metal, pyritic zone. From surface to depth, metal zones contain: Au-Ag-As-Sb-Hg, Au-Ag-Pb-Zn-Cu, Ag- Pb-Zn.

Alteration is an important in low sulphidation epithermal deposits. Silicification is extensive in ores as multiple generations of quartz and chalcedony are commonly accompanied by adularia and calcite. Pervasive silicification in vein envelopes is flanked by sericite-illite-kaolinite assemblages. Intermediate argillic alteration [kaolinite-illite- montmorillonite (smectite)] formed adjacent to some veins; advanced argillic alteration (kaolinite-alunite) may form along the tops of mineralized zones. Propylitic alteration dominates at depth and peripherally.

Prospecting for mineralized siliceous and silica-carbonate float or vein material with diagnostic open-space textures is an effective exploration method. VLF can be effective in tracing structure, while radiometric surveys may outline strong potassic alteration of wallrocks. Geochemical sampling is also an effective exploration method with elevated values in the ore metals: Au, Ag, Zn, Pb, Cu as well as elevated values for pathfinder elements: As, Sb, Ba, F, Mn and locally Te, Se and Hg. Finally, silver deposits generally have higher base metal contents than Au and Au-Ag deposits.

Other low sulphidation epithermal deposit examples include: Creede, Colorado USA; Toodoggone Camp, B.C.; Blackdome, B.C.; Premier, B.C.; Comstock Lode, Nevada USA and Pachuca, Mexico.



NICOAMEN PROJECT
Rock Sampling Results
 Figure 7

-20-
MINERALIZATION

The exploration target for the Nicoamen Project is a low sulphidation epithermal precious metal deposit. Bedrock mineralization has been found in two locations on the Nicoamen River property. Additional exploration was not completed on either of these occurrences during the 2006 exploration program.

The Discovery Zone consists of narrow rhythmically banded, chalcedonic quartz veins in parallel shear zones within a strongly altered granodiorite, thought to represent a small dyke in the volcanoclastics. Alteration consists of kaolinization, silicification, red oxides, limonite and ankerite. Sulphides were not observed in the Discovery Zone. Hand trenching traced the zone a distance of approximately 75 metres. The individual quartz veins range from 1 cm to 5 cm, with one vein continuous in excess of 10 metres.

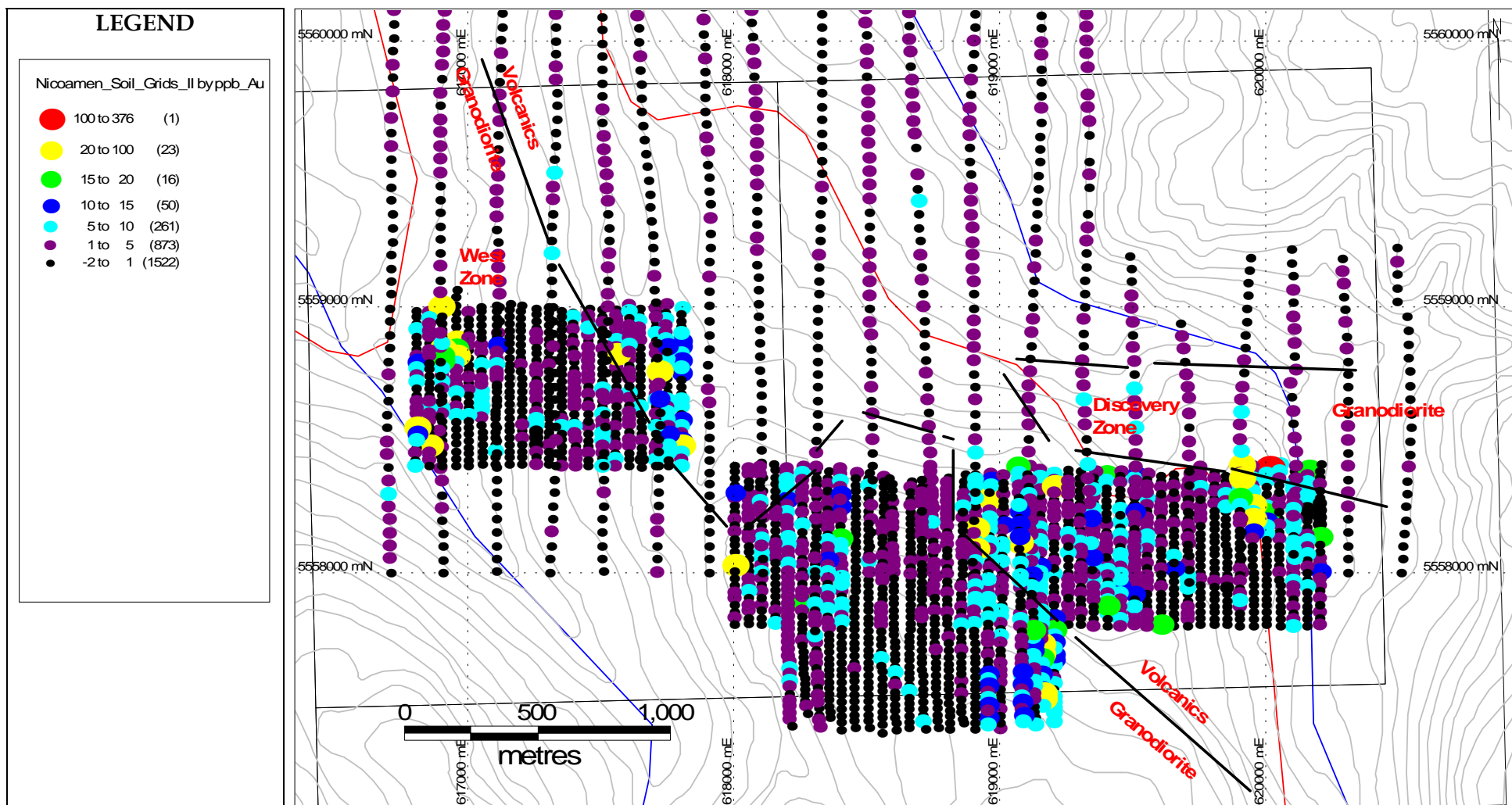
2005 Discovery Zone Sample Summary

trench	ppb Au	m width	trench	ppb Au	m width	trench	ppb Au	m width
1	1604	grab	3	48	grab	4	333	grab
1	94	grab	3	843	grab	4	497	1.00
1	1176	grab	3	728	0.30 by 0.30	4	1046	0.50
1	360	0.65	3	961	0.30 by 0.30	5	26	grab
1	544	0.06	3	1828	2.00	5	342	1.0
1	95	0.50	3	893	0.30 by 0.45			
2	498	1.10	3	909	0.30 by 0.45			

The West Zone is hosted in a quartzofeldspathic rock (QFR) of unknown origin. Alteration ranges throughout the exposed trench from silica with kaolinite or argillic alteration in the northern end to patchy argillic and silica alteration with increasing limonite to the south. Quartz occurs as clasts or sweets in the West Zone. Mineralization consists of pyrite up to 5% and arsenopyrite.

2005 West Zone Sample Summary

trench	ppb Au	ppm As	ppm Sb
1	19.3	108.7	3.5
1	414.9	440.8	7.5
1	7.5	28.4	1.8
1	22.3	102.0	4.7
1	63.2	240.9	6.4



NICOAMEN PROJECT
Soil Geochemistry
Figure 8

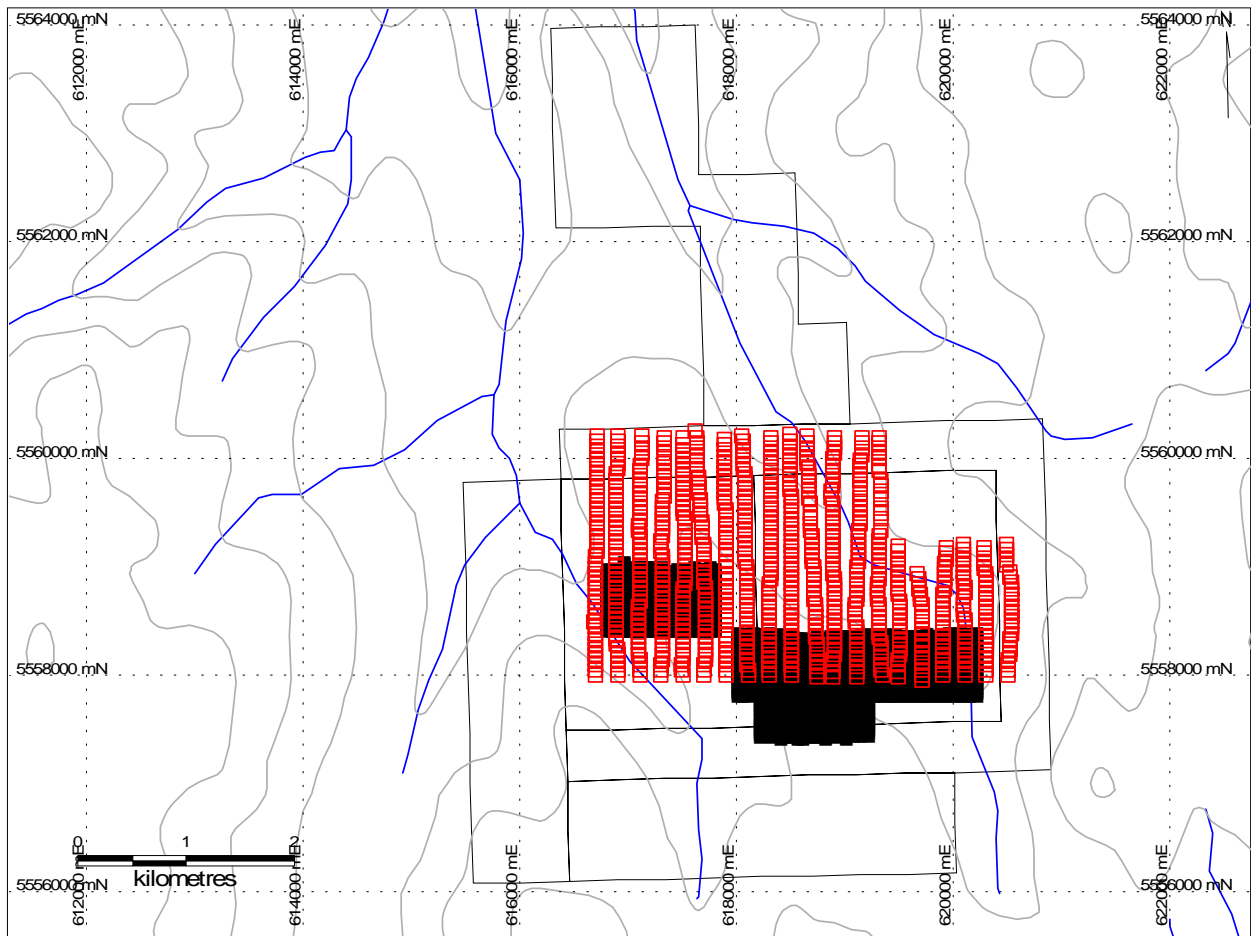
-22-
EXPLORATION

The 2006 exploration program consisted of property mapping, minimal rock sampling and soil grid geochemistry, broken down as follows:

Main Grid section from 18000E and 20200E between 7800N and 8400N
Established N-S lines at 50 metres intervals
Established sample stations at 25 metre spacings along N-S lines

Main Grid Extension section from 18200E and 19200E between 7400N and 7800N
Established N-S lines at 50 metres intervals
Established sample stations at 25 metre spacings along N-S lines

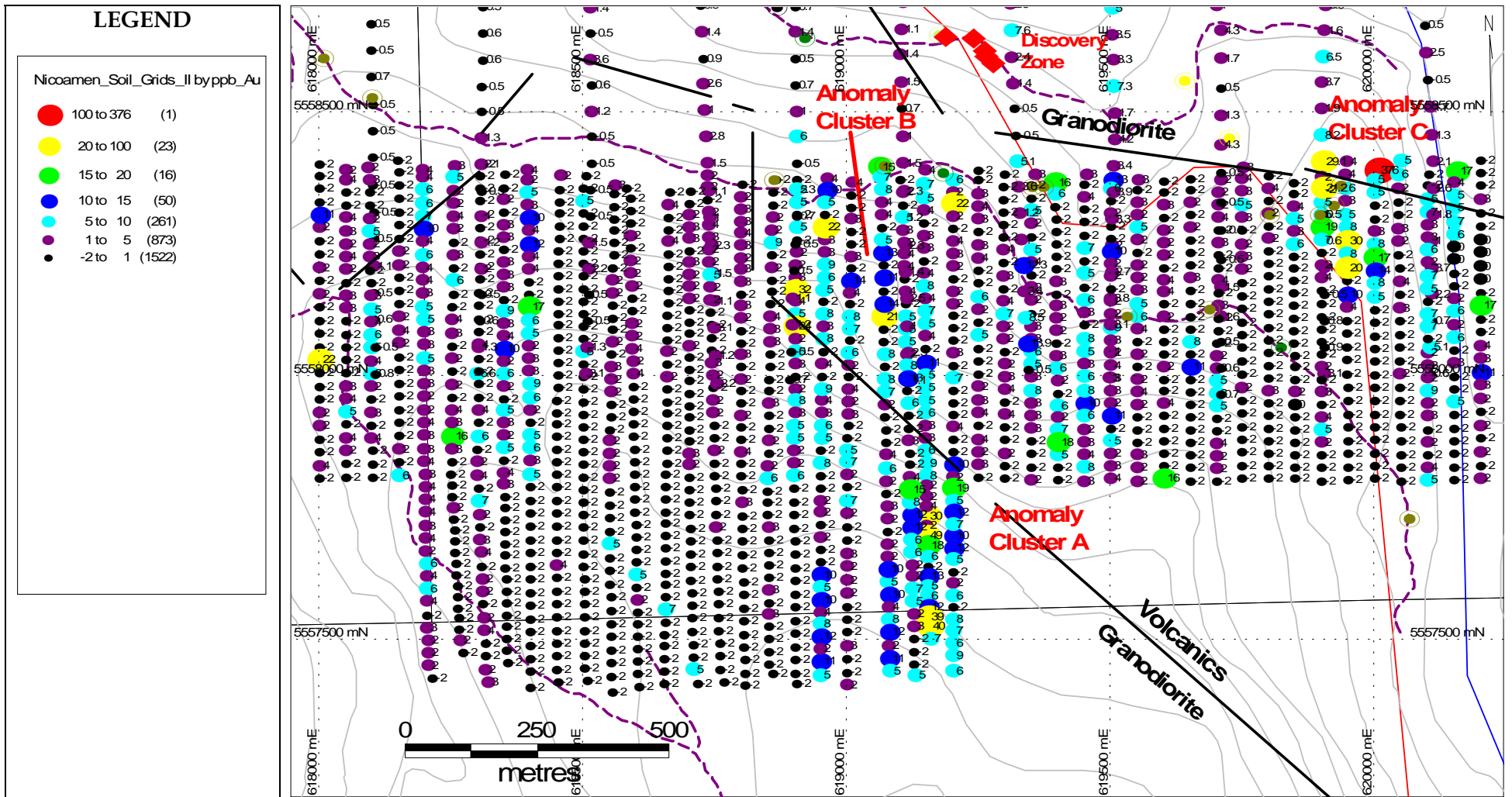
West Grid section from 16800E and 17800E between 8400N and 9000N
Established N-S lines at 50 metres intervals
Established sample stations at 25 metre spacings along N-S lines



NICOAMEN RIVER PROJECT

2005 Grid in Red
2006 Grid in Black

Soil Grid Locations
Figure 9



NICOAMEN PROJECT
Main Grid Soil Geochemistry
Figure 10

The soil sampling contract was completed by Rio Minerals Ltd. of Vancouver, between July and October 2006. All samples were sent to Acme Analytical Laboratories for 36 element ICP-MS analysis. Geological mapping was completed by author.

A total of 1,975 soil samples were taken during the 2006 program.

Figure 8 shows the anomalous gold in soil values and the locations of the grids with respect to the approximate lithologic contacts based on the October 2006 mapping. The first observation is a large percentage of the grids are outside the boundaries of the Spences Bridge Group volcanics. There appears to be anomalous zones within the Mt. Lytton Complex granodiorites, both on the West Grid and on the Main Grid. The second observation is neither the Discovery Zone nor the West Zone appear to be highlighted by the soil geochemistry.

The Main Grid (Figure 9) shows three distinct gold in soil anomaly clusters, as well as numerous lesser anomalies. Anomaly Cluster A, covering an area 150 metres wide by 400 metres long, appears to lie outside of the Spences Bridge Group, within the granodiorite of the Mt. Lytton Complex. The exact location of the Spences Bridge / Mt. Lytton Complex contact is open to interpretation as outcrop was not mapped in this area. Gold in soil values in Cluster A range from 5 ppb to 49 ppb in a continuous anomalous area.

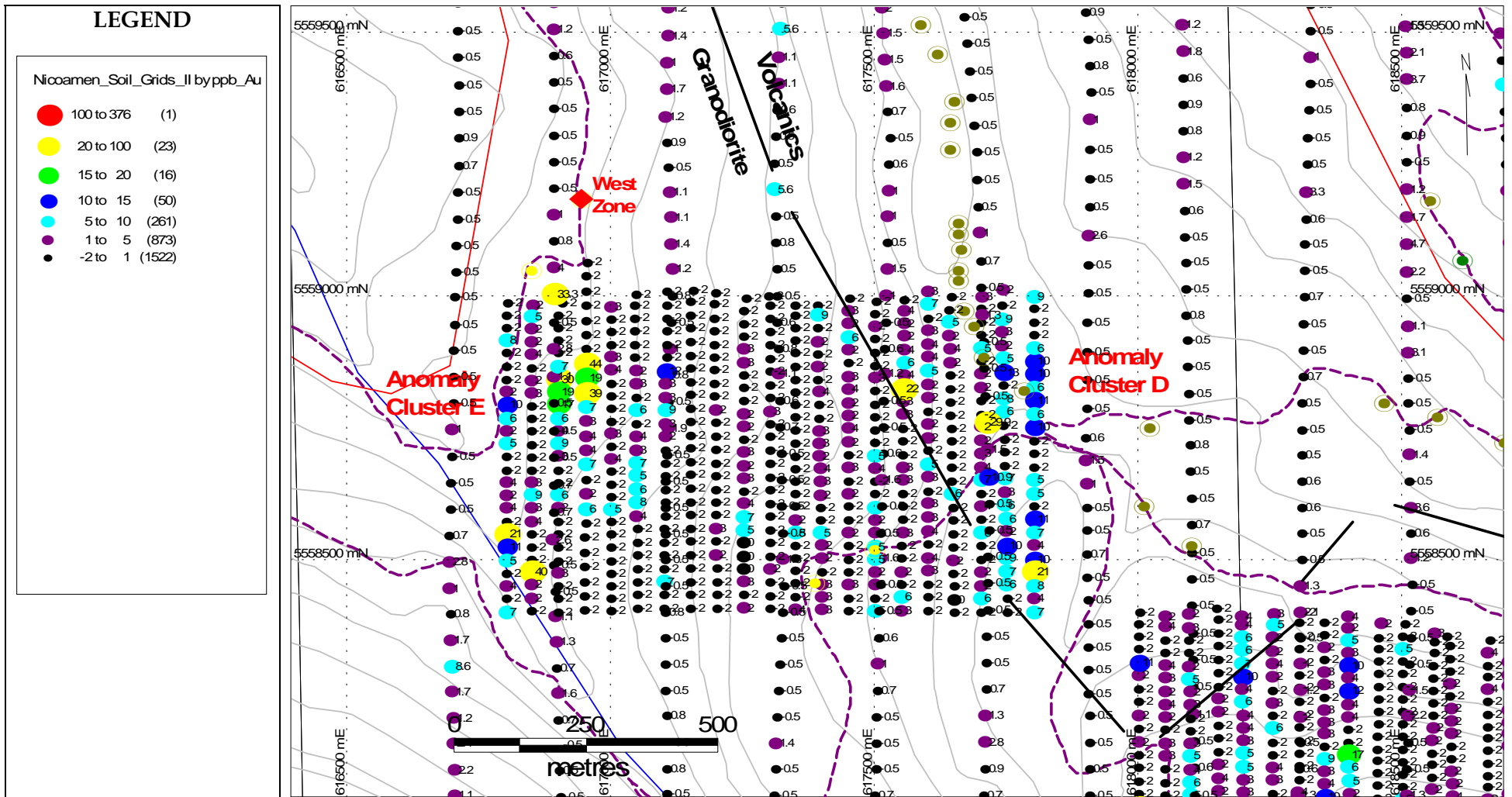
Anomaly Cluster A, along with Anomaly Cluster B, may be representing the strike projection of the Nicoamen River Fault through the southern half of the claim group. Further mapping and prospecting would be required to verify this theory.

Anomaly Cluster B covers a larger area, roughly 200 metres by 400 metres. Gold values in Cluster B range from 5 ppb to 32 ppb in a semi-continuous area. Cluster B lies well within the Spences Bridge volcanics. Mapping in the area located sparse outcroppings of weakly altered volcaniclastics with minor andesite. Alteration consists of hematite and limonite.

Anomaly Cluster C covers semi-continuous area 300 metres by 300 metres at the contact of a Mt. Lytton Complex granodiorite with Spences Bridge volcaniclastics. Gold values in Cluster C range from 5 ppb to 30 ppb, with one value of 376 ppb.

Aside from these clusters, there are several discontinuous and spot gold in soil values ranging between 5 ppb and 20 ppb throughout the grid. These values will also require some type of follow up.

The West Grid (Figure 10) shows two distinct gold in soil anomaly clusters. Though the immediate area of the West Zone is not anomalous in gold soil geochemistry, Anomaly Cluster E appears to be highlighting the strike projection of the zone to the south. This cluster is 50 metres wide by 100 metres long with gold values ranging from 6 ppb to 44 ppb. Anomaly Cluster E lies well within the granodiorites of the Mt. Lytton Complex. No outcrop mapping was completed in the area of Cluster E.



NICOAMEN PROJECT
 West Grid Soil Geochemistry
 Figure 11

Anomaly Cluster D is a semi-continuous area 100 metres wide by 150 metres long. Gold in soil values range from background to 29.9 ppb. This cluster is entirely within the Spences Bridge volcanics. Mapping identified strong hematite alteration with volcaniclastics. This is the area described in the geology section that exhibits abundant to ubiquitous quartz detritus: agates, clots, discontinuous veins and veinlets and blow outs.

Four rock samples were taken (Figure 7) during the geological mapping. These four samples were assayed at Eco Tech Labs in Kamloops. None of the samples exceed the lower detection limit of 5 ppb Au. Descriptions of the samples are appended.

DRILLING

There has not been any drilling completed on the Nicoamen property.

SAMPLING METHOD AND APPROACH

Two distinct sampling surveys were completed as part of the 2006 exploration program on the Nicoamen project: rock sampling and grid soil sampling.

Rio Minerals Ltd. incorporated the following methodology to undertake the grid soil sampling. This soil survey was directed at tightening sections of the existing grid and expanding the existing grid to the south. Each soil line was run by compass with distance along the line recorded by a hip chain. Each line was flagged and sampled at 25 metre intervals along the line. Soil bags and tyvex tags were pre-numbered the day before. At each sample location a 500 to 1000 gram sample of the soil from the "B" horizon was taken and placed in the corresponding soil bag. The starting point and the ending point of each line were marked as separate waypoints on either a Garmin 72 or Garmin 76 GPS unit. These line starting and ending points were then entered into the grid generating program of MapInfo Discover and the intervening sample locations were plotted and calculated with UTM coordinates assigned.

Rock samples were taken from areas of interest. 1-3 kilograms of rock were placed in a poly sample bag with a sequentially numbered assay certificate. The bag was then sealed with twist ties or flagging tape for transport to the lab. The sample location and sample data were recorded in a Trimble Recon unit, which was downloaded into a laptop computer on a nightly basis. Each sample location was flagged with the sample number, sampler and date.

All soil samples were taken by Rio Minerals Ltd. personnel under the supervision of the author. The four rock samples were taken by the author. The samples were delivered to the lab by the author or shipped by bus to the lab.

SAMPLE PREPARATION, ANALYSIS AND SECURITY

All soil and rock samples were taken and immediately placed in sealed sample bags. The sample location was written on the outside of the kraft soil bag for soil samples. A pre-numbered assay ticket was placed in each a ziplock back for silt samples or in a poly sample bag for rock samples, with the corresponding part of the ticket filled out with date, time and location. Flagging was used to mark the sample locations, with tyvex tags added for the soil samples. A fix of the position at the start and end of each soil line was obtained by a Garmin 72 or Garmin 76 Global Positioning System unit set to record NAD 83 coordinates. The UTM coordinates of the intervening sample stations were determined using the MapInfo Discover Grid Generation Facility. A fix of the position was obtained with a Trimble Recon for rock samples. Corresponding sample information was entered into the corresponding table within the Trimble unit.

All soil samples were sorted by number, boxed and delivered to Acme Analytical Laboratories Ltd. in Vancouver. Rock samples were delivered by the author to Eco Tech Laboratory Ltd. in Kamloops, British Columbia.

The sample preparation procedures for Acme Labs and Eco Tech labs are similar and are summarized below. Samples are first catalogued and dried. They are then prepared as follows:

Soils	Soils are prepared by sieving through an 80 mesh screen to obtain a minus 80 mesh fraction. Samples unable to produce adequate minus 80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh.
Silts	Stream silts are prepared by sieving through an 80 mesh screen to obtain a minus 80 mesh fraction. Samples unable to produce adequate minus 80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. The entire sample of the stream heavies is used for analysis.
Rocks	Rock samples are two stage crushed to minus 10 mesh and a 250 gram sub-sample is pulverized on a ring mill pulverizer to -140 mesh. The sub-sample is rolled, homogenized and bagged in a pre-numbered bag.

For Eco Tech gold geochemical analysis, samples are weighed to 30 grams and fused along with proper fluxing materials. The bead is digested in aqua regia and analyzed on an atomic absorption instrument. Over-range values for rocks are re-analyzed using gold assay methods.

For Eco-Tech multi element ICP analysis, a 0.5 gram sample is digested with 3 ml of a 3:1:2 (HCl:HN03:H20) which contains beryllium which acts as an internal standard for 90 minutes in a water bath at 95°C. The sample is then diluted to 10 ml with water. The sample is analyzed on a Jarrell Ash ICP unit.

For Acme Analytical multi-element ICP-MS analysis Group 1DX , a modified Aqua Regia solution of equal parts concentrated ACS grade HCl and HNO3 and de-mineralised H2O is added to each 0.5 g sample to leach for one hour in a hot water bath (>95°C). After cooling the solution is made up to final volume with 5% HCl. Sample weight to solution volume is 1 g per 20 ml. The solutions aspirated into a Perkin Elmer Elan 6000/9000 ICP mass spectrometer are analysed for 36 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Se, Tl, Sr, Th, Ti, U, V, W, Zn.

For Acme Analytical Precious Metals by Fire Geochem (3B), the sample aliquot is custom blended with fire assay fluxes, PbO litharge and a Ag in quart. Firing the charge at 1050°C liberates Au ±PGEs that report to the molten Pb-metal phase. Once cooled the Pb button is recovered then fired in a MnO cupel at 950°C to render a Ag ±Au ±PGE dore bead. The bead is weighed and parted (i.e. leached in 1 mL of hot HNO₃) to dissolve Ag then 10 mL of HCl is added to dissolve the Au ± PGEs. Solutions analysed by a Jarrel Ash Atom-Comp 975 ICP-ES determine Au only.

Appropriate reference materials accompany the samples through the process allowing for quality control assessment. Results are entered and printed along with quality control data (repeats and standards). The data is faxed and/or mailed to the client.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are printed on a laser printer and are faxed and/or mailed to the client.

DATA VERIFICATION

The quality control measures for the 2006 exploration program on the Nicoamen property consisted of resplits, rechecks and standards. Eco Tech runs three quality control measures. First, they insert standards in to the sample stream. Secondly, they complete a repeat analysis on every tenth sample. Thirdly, they complete a resplit and analysis on every 25th sample. The author feels this was a sufficient quality control measure for phase I.

Acme Analytical incorporates a similar in-lab quality control procedure. Acme runs standards and provides re-samples at varying intervals for each sample shipment analysed. A re-sample consists of analysing a second cut (subsample) from the same sample pulp (or occasionally reject portion), and is reported as a rerun (RE) or reject rerun (RRE) on the analysis certificate. In most cases there has been good reproducibility of results between the original subsamples and re-samples, with the exception of gold at the lower end of the detection range in some soil samples

The author feels confidence in the assay results from Acme Analytical Laboratories Ltd. and Eco Tech Laboratories Ltd. based on the labs in house resplits, rechecks and standards.

ADJACENT PROPERTIES

This technical report is not relying on data from adjacent properties.

MINERAL PROCESSING AND METALLURGICAL TESTING

There has been no mineral processing or metallurgical testing undertaken on the Nicoamen property.

MINERAL RESOURCES AND MINERAL RESERVE ESTIMATES

There are presently no mineral reserves or mineral resources on the Nicoamen property.

OTHER RELEVANT DATA AND INFORMATION

There is no additional relevant data or information known that is not disclosed on the Nicoamen property.

INTERPRETATION AND CONCLUSIONS

The Nicoamen property lies in an area of high geologic potential. The Spences Bridge Group volcanic belt is emerging as an important low sulphidation epithermal precious metal camp.

The on-going exploration programs on the Nicoamen property have continued to meet with success. Detailed soil geochemistry over sections of the previous soil grid has identified five large gold in soil anomaly clusters that will require ground truthing by prospecting, mapping and excavator trenching. Ground geophysics were also completed, though results have yet to be submitted by the contractor.

Preliminary geological mapping was completed over the claims showing the Nicoamen River property is underlain by both Spius Formation andesites and Pimainus Formation volcanoclastics.

The 2006 exploration programs completed by Strongbow Exploration Inc., Consolidated Spire Ventures Ltd. and Almaden Minerals Ltd., among others, have begun to zero in stratigraphically on favourable units. The results are suggesting the volcanoclastics in the Pimainus Formation are a much more favourable host for epithermal systems than the overlying Spius Formation andesites (D. Gale, Pers. comm.). The detailed mapping programs of Strongbow Exploration Inc. are showing that signs of epithermal alteration seem to rapidly dissipate stratigraphically above the Pimainus / Spius contact.

Informal discussions with Dave Gale, P.Geol. of Strongbow and Ed Balon, P.Geol. of Almaden suggest the present erosional level of the Spences Bridge Gold Belt may be significantly higher in the epithermal system than originally thought. Their exploration is suggesting the potential precious metal bearing horizons within these epithermal systems may be as much as 300 metres below the present erosional level. The scarcity of near surface precious metal enriched epithermal quartz veins, combined with the abundant extremely fine-grained detritus quartz (opaline veinlets, agates, clots, discontinuous blebs and pockets) appear to support this observation. This theory is further substantiated by Megaw (2006) in his summary description of low sulphidation epithermal precious metal systems where he documents similar fine-grained quartz detritus \pm 300 metres above the precious metal bearing horizons in Mexico and the U.S. southwest.

The 2006 mapping has shown the Pimainus Formation outcrops in the immediate contact area between the Spences Bridge Group and the Mt. Lytton complex. Further to the northeast from the contact area, the Spius Formation appears to be the dominant unit. Anomaly clusters B, C and D lie in areas underlain by volcanoclastics, near the contact with the Mt. Lytton complex. Anomaly clusters A and E are with the Mt. Lytton Complex itself.

These gold in soil anomaly clusters need to be evaluated, making the Tanqueray Resources Ltd. Nicoamen Project a **property of merit worthy** of further exploration.

A success contingent, staged, two-phase exploration program is required as to continue the exploration of the Nicoamen property. Phase I will consist of prospecting and excavator trenching of the five anomaly clusters. Phase II will consist of diamond drilling.

The five gold in soil anomaly clusters need to be prospected in detail. The objective is to identify or zero in on the best areas to put in a series of excavator trenches. Once the ground geophysical data is made available it should be reviewed and interpreted to help assist in the prospecting and directing of the location of the trenches.

Three to five trenches will need to be excavated on each of the anomaly clusters, directed by the results of the prospecting. The area around the Discovery Zone should also be trenched in an effort to extend the vein zones and search for parallel structures. A total of 150 hours of trenching is budgeted, 20 hours for each of the five clusters, 20 hours for the Discovery Zone and 30 hours for follow up.

Phase II will only commence on positive results from phase I. This phase will consist of 1500 metres of NQ wireline diamond drilling.

RECOMMENDATIONS

The on-going exploration programs on the Nicoamen property have continued to meet with some success. Detailed soil geochemistry over sections of the previous soil grid has identified five large gold in soil anomaly clusters that will required ground truthing, by prospecting, mapping and excavator trenching. Ground geophysics were also completed, though results have yet to be submitted by the contractor.

The results of the 2006 exploration program make the Nicoamen property worthy of further exploration to adequately assess its potential to host epithermal precious metal deposits.

A two-phase, success contingent program of prospecting and excavator trenching, followed by diamond drilling is recommended to continue with the exploration of the Nicoamen property.

A total of 150 hours of excavator trenching has been budgeted to test the five anomaly clusters and the previously known Discovery Zone. Prior to the trenching, prospecting of the clusters is required to direct the location of the trenches. The cost of the trenching program is estimated at \$50,000.

A successful conclusion to Phase I will initiate Phase II. Phase II will consist of 1500 metres of diamond drilling at an estimated cost of \$280,000.

Phase I 2007 - trenching	30 days	\$ 50,000
Phase II 2007 - diamond drilling	30 days	\$ 280,000
Total 2007 Budget		\$ 330,000

The cost of the 2006 exploration program is \$160,425.41.

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REFERENCES

www.almadenminerals.com/projects.html. The Almaden Minerals Ltd. website provides news releases and exploration summaries on their various projects in the Spences Bridge Group Epithermal Camp.

www.spireventures.com/pmt.php/index. The Consolidated Spire Ventures Ltd. website provides news releases and exploration summaries on the Prospect Valley project in the Spences Bridge Group Epithermal Camp.

Balon, E.A. and Hylands, J.J. (2006). 2005 Geochemical, Geological, Prospecting and Trenching Report, Nicoamen River Property. British Columbia Ministry of Energy and Mines Assessment Report 28146.

Duffell, S. and McTaggart, K. C. (1952). Ashcroft Map-Area, British Columbia (BC); Geological Survey of Canada Memoir 262

Megaw, P. (2006). Exploration of Low Sulphidation Epithermal Vein Systems. In. Silver Deposits - Geology, Genesis and Exploration Methods. Vancouver Mining Exploration Group Short Course December 14, 2006.

www.em.gov.bc.ca/Mining/Geosurv/Minfile/default.htm. The British Columbia Ministry of Energy and Mines Minfile website provided a geological summary on the 092HNE map sheet.

www.em.gov.bc.ca/Mining/Geosurv/MapPlace/default.htm. The British Columbia Ministry of Energy and Mines MapPlace website provided the regional geological map and legend.

Panteleyev, A. (1996). Epithermal Au-Ag: Low Sulphidation, in Selected British Columbia Mineral Deposit Profiles, Volume 2 - Metallic Deposits, Lefebure, D.V. and Höy, T, Editors, British Columbia Ministry of Employment and Investment, Open File 1996-13, pages 41-44.

Rice, H. M. A. (1947). Geology and Mineral Deposits of the Princeton Map-Area, British Columbia. Geological Survey of Canada Memoir 243

www.strongbowexploration.com. The Strongbow Explorations Inc. website provides news releases and exploration summaries on their various projects in the Spences Bridge Group Epithermal Camp.

Thorkelson, D. J. (1985). Geology of the Mid-Cretaceous Volcanic Units near Kingsvale, southwestern British Columbia. Geological Survey of Canada Paper 85-16, p. 333-339.

Thorkelson, D. J. (2006). Notes for Geological Field Trip - Spences Bridge - Merritt Area for Strongbow Exploration Inc. May 8-9, 2006.

CERTIFICATE OF QUALIFIED PERSON

I, R.Tim Henneberry, P.Geo. do hereby certify that:

I am the Qualified Person of:

Tanqueray Resources Ltd.

Suite 310 – 505-8th Avenue S.W.
Calgary, Alberta. T2P1G2

I earned a Bachelor of Science Degree majoring in geology from Dalhousie University, graduating in May 1980.

I am registered with the Association of Professional Engineers and Geoscientists in the Province of British Columbia as a Professional Geoscientist.

I have practiced my profession continuously for 27 years since graduation.

I have read the definition of “qualified person” set out in National Instrument 43-101 (“NI 43-101”) and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a “qualified person” for the purposes of NI 43-101. My relevant experience for the purpose of this Technical Report is:

- 27 years of exploration experience for base and precious metals in the Canadian Cordillera
- Three years of exploration in the Spences Bridge Gold Belt for private 665777 B.C. Ltd.

I am responsible for the preparation of the technical report titled “Geological Report Nicoamen Project” and dated January 25, 2007, relating to the Nicoamen property. I supervised the 2006 exploration programs completed on the Nicoamen property. I was on site on Jun 10; Jul 24; Sep 27,29,30; Oct 1.

I have not had prior involvement with the property that is the subject of the Technical Report.

As of the date of this certificate, to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

I am a principal of 665777 B.C. Ltd., a private company which has option agreements in place with Tanqueray Resources on their Otter and McCaffrey properties. Hence, I cannot be considered independent of the issuer after applying all of the tests in section 1.4 of NI 43-101.

I have read NI 43-101 and Form 43-101F, and the Technical Report has been prepared in compliance with that instrument and form.

I consent to the public filing of the Technical Report and extracts from, or a summary of, the Technical Report in support of the AIF and also consent to the filing of the Technical Report with the British Columbia Ministry of Energy and Mines in support of assessment work requirements.

Dated this 25th day of January, 2007.

“signed and sealed”

R.Tim Henneberry, P.Geo

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STATEMENT OF COSTS

NICOAMEN STATEMENT OF COSTS FOR 2006

Field Crew and Days		
Tim Henneberry	Jun 10; Jul 24; Sep 27,29,30; Oct 1	
Phil Mudry	Jul 24	
Rob Barinecutt	Sep 27,29,30; Oct 1	
Rio Minerals Crew		
Christopher Roe	Jul 24-31; Aug 1-15, 25-31; Sep 1-17	
Elliot Lemire	Jul 24-31; Aug 1-15, 25-31; Sep 1-18	
Mitchell Francis	Jul 24-31	
Jose Gutierrez	Aug 1-9, Sep 9-19, 6-30, Oct 1-10	
Andrew Molnar	Jul 24	
Antonio Nsugami	Aug 25-31, Sep 1-17	
Lyle Gregory	Sep 5-20, 26-30, Oct 1-10	
Personnel		\$7,480.29
Supplies		\$810.57
Room and Board		\$1,289.90
Vehicle		\$1,300.00
Analysis		\$35,254.11
Contractor		\$109,290.54
Documentation		\$5,000.00
Assessment Credit Subtotal		\$160,425.41

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COST ESTIMATES

Phase I 2007 - trenching	30 days			
Allow for 150 hours of excavator trenching = 20 days				
Allow for 300 rock samples				
Project Manager	5 days	@	\$ 400 /day	\$ 2,000
Contract geologist	30 days	@	\$ 400 /day	\$ 12,000
Prospector	30 days	@	\$ 400 /day	\$ 12,000
Room & Board	65 days	@	\$ 100 /day	\$ 6,500
Vehicle + Fuel	35 days	@	\$ 150 /day	\$ 5,250
Trenching Mob / Demob				\$ 2,500
Excavator (all in)	150 days	@	\$ 150 /day	\$ 22,500
Analysis - rock	300 sample	@	\$ 35 /sample	\$ 10,500
Travel				\$ -
Sundries				\$ 2,500
Contingency				\$ 6,750
Phase I 2007 - trenching				\$ 50,000

Phase II 2007 - diamond drilling	30 days			
Allow for 1500 metres of NQ wireline diamond drilling = 30 days				
Allow for 1500 core samples				
Project Manager	10 days	@	\$ 400 /day	\$ 4,000
Core Splitter	30 days	@	\$ 400 /day	\$ 12,000
Contract geologist	30 days	@	\$ 400 /day	\$ 12,000
Room & Board	70 days	@	\$ 100 /day	\$ 7,000
Vehicle + Fuel	40 days	@	\$ 150 /day	\$ 6,000
Drilling Mob / Demob				\$ 5,000
Drilling (all in)	1500 metres	@	\$ 125 /metre	\$ 187,500
Analysis - core	1500 sample	@	\$ 35 /sample	\$ 52,500
Travel				\$ -
Sundries				\$ 2,500
Contingency				\$ 26,500
Phase II 2007 - diamond drilling				\$ 280,000

Nicoamen Project Rock Sampling Summary

Number	Map_X	Map_Y	Host	Zone	Alteration Mineralogy	Minerals	Width	ppb Au	ppm Ag	ppm As	ppm Mo	ppm Sb	ppm Sr
290795	618924	5558650	and	quartz vein talus	fracture carb	NVM	grab	5	0.2	10	1	5	68
290155	617655	5559029	vol	quartz breccia or infill	patchy hem	NVM	grab	5	0.2	5	1	10	98
290156	617647	5559251	vol	angular epithermal vein float	fracture hem	NVM	grab	5	0.2	10	1	10	239
290157	619719	5558458	vol	altered volcanic sediment	pervasive hem	NVM	grab	5	0.2	10	1	5	9

adularia - adu
bleaching - ble
brown oxides - box
carbonate - carb
celondite - cel
chlorite - chl
epidote - ep
fuchsite - fuc
hematite - hem

Kspar - K feldspar
limonite - lim
manganese - mn
quartz - qtz
red oxides - rox
sericite - ser
serpentine - serp
silicification - sil

andesite - and
block and ash fall tuff - baf
diorite - dio
granite - grn
lapilli tuff - lap
monzonite - mon
rhyolite - rhy
volcaniclastic - vol

cpy - chalcopyrite
py - pyrite
mo - molybdenite
NVM - no visible mineralization
sph - sphalerite
w py - weathered sulfides

Nicoamen 2006 Soil Locations - NAD 83 Zone 10

Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
16800	9000	616805	5558985	16850	8650	616850	5558645	16950	8925	616953	5558980
16800	8975	616802	5558963	16850	8625	616850	5558620	16950	8900	616952	5558953
16800	8950	616802	5558939	16850	8600	616850	5558596	16950	8875	616952	5558926
16800	8925	616802	5558915	16850	8575	616850	5558572	16950	8850	616952	5558898
16800	8900	616802	5558890	16850	8550	616850	5558548	16950	8825	616952	5558871
16800	8875	616802	5558866	16850	8525	616850	5558523	16950	8800	616952	5558843
16800	8850	616802	5558841	16850	8500	616850	5558499	16950	8775	616952	5558816
16800	8825	616802	5558817	16850	8475	616850	5558475	16950	8750	616952	5558788
16800	8800	616802	5558792	16850	8450	616850	5558451	16950	8725	616952	5558761
16800	8775	616802	5558768	16850	8425	616850	5558426	16950	8700	616951	5558733
16800	8750	616802	5558743	16850	8400	616850	5558402	16950	8675	616951	5558706
16800	8725	616801	5558719	16900	9000	616907	5558986	16950	8650	616951	5558678
16800	8700	616801	5558694	16900	8975	616900	5558964	16950	8625	616951	5558651
16800	8675	616801	5558670	16900	8950	616900	5558939	16950	8600	616951	5558623
16800	8650	616801	5558645	16900	8925	616900	5558915	16950	8575	616951	5558596
16800	8625	616801	5558621	16900	8900	616900	5558890	16950	8550	616951	5558568
16800	8600	616801	5558596	16900	8875	616900	5558866	16950	8525	616951	5558541
16800	8575	616801	5558572	16900	8850	616900	5558841	16950	8500	616950	5558513
16800	8550	616801	5558547	16900	8825	616900	5558817	16950	8475	616950	5558486
16800	8525	616801	5558523	16900	8800	616900	5558792	16950	8450	616950	5558458
16800	8500	616800	5558498	16900	8775	616900	5558768	16950	8425	616950	5558431
16800	8475	616800	5558474	16900	8750	616900	5558743	16950	8400	616950	5558403
16800	8450	616800	5558449	16900	8725	616900	5558719	17000	9000	617000	5558977
16800	8425	616800	5558425	16900	8700	616900	5558694	17000	8975	617000	5558954
16800	8400	616800	5558400	16900	8675	616900	5558670	17000	8950	617000	5558930
16850	9000	616852	5558980	16900	8650	616900	5558645	17000	8925	617000	5558906
16850	8975	616850	5558960	16900	8625	616900	5558621	17000	8900	617000	5558882
16850	8950	616850	5558936	16900	8600	616900	5558596	17000	8875	617000	5558858
16850	8925	616850	5558911	16900	8575	616900	5558572	17000	8850	617000	5558834
16850	8900	616850	5558887	16900	8550	616900	5558547	17000	8825	617000	5558810
16850	8875	616850	5558863	16900	8525	616900	5558523	17000	8800	617000	5558786
16850	8850	616850	5558839	16900	8500	616900	5558498	17000	8775	617000	5558762
16850	8825	616850	5558814	16900	8475	616900	5558474	17000	8750	617000	5558738
16850	8800	616850	5558790	16900	8450	616900	5558449	17000	8725	617000	5558714
16850	8775	616850	5558766	16900	8425	616900	5558425	17000	8700	617000	5558690
16850	8750	616850	5558742	16900	8400	616900	5558400	17000	8675	617000	5558666
16850	8725	616850	5558717	16950	9000	616955	5559062	17000	8650	617000	5558642
16850	8700	616850	5558693	16950	8975	616953	5559035	17000	8625	617000	5558618
16850	8675	616850	5558669	16950	8950	616953	5559008	17000	8600	617000	5558594

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Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
17000	8575	617000	5558570	17100	8850	617104	5558857	17150	8500	617150	5558508
17000	8550	617000	5558546	17100	8825	617104	5558832	17150	8475	617150	5558483
17000	8525	617000	5558522	17100	8800	617103	5558807	17150	8450	617150	5558458
17000	8500	617000	5558498	17100	8775	617103	5558782	17150	8425	617150	5558432
17000	8475	617000	5558474	17100	8750	617103	5558757	17150	8400	617150	5558407
17000	8450	617000	5558450	17100	8725	617103	5558732	17200	9000	617199	5559005
17000	8425	617000	5558426	17100	8700	617103	5558707	17200	8975	617195	5558983
17000	8400	617000	5558402	17100	8675	617102	5558682	17200	8950	617195	5558958
17050	9000	617046	5559001	17100	8650	617102	5558657	17200	8925	617195	5558933
17050	8975	617045	5558982	17100	8625	617102	5558632	17200	8900	617196	5558908
17050	8950	617045	5558957	17100	8600	617102	5558607	17200	8875	617196	5558883
17050	8925	617045	5558932	17100	8575	617102	5558582	17200	8850	617196	5558858
17050	8900	617046	5558907	17100	8550	617101	5558557	17200	8825	617196	5558833
17050	8875	617046	5558882	17100	8525	617101	5558532	17200	8800	617197	5558808
17050	8850	617046	5558857	17100	8500	617101	5558507	17200	8775	617197	5558783
17050	8825	617046	5558832	17100	8475	617101	5558482	17200	8750	617197	5558758
17050	8800	617047	5558807	17100	8450	617100	5558457	17200	8725	617197	5558733
17050	8775	617047	5558782	17100	8425	617100	5558432	17200	8700	617197	5558708
17050	8750	617047	5558757	17100	8400	617100	5558407	17200	8675	617198	5558683
17050	8725	617047	5558732	17150	9000	617155	5559009	17200	8650	617198	5558658
17050	8700	617047	5558707	17150	8975	617150	5558988	17200	8625	617198	5558633
17050	8675	617048	5558682	17150	8950	617150	5558963	17200	8600	617198	5558608
17050	8650	617048	5558657	17150	8925	617150	5558937	17200	8575	617198	5558583
17050	8625	617048	5558632	17150	8900	617150	5558912	17200	8550	617199	5558558
17050	8600	617048	5558607	17150	8875	617150	5558887	17200	8525	617199	5558533
17050	8575	617048	5558582	17150	8850	617150	5558862	17200	8500	617199	5558508
17050	8550	617049	5558557	17150	8825	617150	5558836	17200	8475	617199	5558483
17050	8525	617049	5558532	17150	8800	617150	5558811	17200	8450	617200	5558458
17050	8500	617049	5558507	17150	8775	617150	5558786	17200	8425	617200	5558433
17050	8475	617049	5558482	17150	8750	617150	5558761	17200	8400	617200	5558408
17050	8450	617050	5558457	17150	8725	617150	5558735	17250	9000	617255	5558995
17050	8425	617050	5558432	17150	8700	617150	5558710	17250	8975	617250	5558972
17050	8400	617050	5558407	17150	8675	617150	5558685	17250	8950	617250	5558947
17100	9000	617105	5559007	17150	8650	617150	5558660	17250	8925	617250	5558923
17100	8975	617105	5558982	17150	8625	617150	5558634	17250	8900	617250	5558898
17100	8950	617105	5558957	17150	8600	617150	5558609	17250	8875	617250	5558874
17100	8925	617105	5558932	17150	8575	617150	5558584	17250	8850	617250	5558849
17100	8900	617104	5558907	17150	8550	617150	5558559	17250	8825	617250	5558825
17100	8875	617104	5558882	17150	8525	617150	5558533	17250	8800	617250	5558800

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Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
17250	8775	617250	5558776	17300	8425	617300	5558431	17400	8700	617395	5558695
17250	8750	617250	5558751	17300	8400	617300	5558406	17400	8675	617395	5558671
17250	8725	617250	5558727	17350	9000	617349	5558982	17400	8650	617396	5558646
17250	8700	617250	5558702	17350	8975	617350	5558963	17400	8625	617396	5558622
17250	8675	617250	5558678	17350	8950	617350	5558939	17400	8600	617397	5558598
17250	8650	617250	5558653	17350	8925	617350	5558914	17400	8575	617397	5558574
17250	8625	617250	5558629	17350	8900	617350	5558890	17400	8550	617397	5558549
17250	8600	617250	5558604	17350	8875	617350	5558866	17400	8525	617398	5558525
17250	8575	617250	5558580	17350	8850	617350	5558842	17400	8500	617398	5558501
17250	8550	617250	5558555	17350	8825	617350	5558817	17400	8475	617399	5558477
17250	8525	617250	5558531	17350	8800	617350	5558793	17400	8450	617399	5558452
17250	8500	617250	5558506	17350	8775	617350	5558769	17400	8425	617400	5558428
17250	8475	617250	5558482	17350	8750	617350	5558745	17400	8400	617400	5558404
17250	8450	617250	5558457	17350	8725	617350	5558720	17450	9000	617451	5558993
17250	8425	617250	5558433	17350	8700	617350	5558696	17450	8975	617450	5558970
17250	8400	617250	5558408	17350	8675	617350	5558672	17450	8950	617450	5558946
17300	9000	617299	5559000	17350	8650	617350	5558648	17450	8925	617450	5558921
17300	8975	617300	5558981	17350	8625	617350	5558623	17450	8900	617450	5558896
17300	8950	617300	5558956	17350	8600	617350	5558599	17450	8875	617450	5558871
17300	8925	617300	5558931	17350	8575	617350	5558575	17450	8850	617450	5558847
17300	8900	617300	5558906	17350	8550	617350	5558551	17450	8825	617450	5558822
17300	8875	617300	5558881	17350	8525	617350	5558526	17450	8800	617450	5558797
17300	8850	617300	5558856	17350	8500	617350	5558502	17450	8775	617450	5558772
17300	8825	617300	5558831	17350	8475	617350	5558478	17450	8750	617450	5558748
17300	8800	617300	5558806	17350	8450	617350	5558454	17450	8725	617450	5558723
17300	8775	617300	5558781	17350	8425	617350	5558429	17450	8700	617450	5558698
17300	8750	617300	5558756	17350	8400	617350	5558405	17450	8675	617450	5558673
17300	8725	617300	5558731	17400	9000	617390	5558980	17450	8650	617450	5558649
17300	8700	617300	5558706	17400	8975	617390	5558962	17450	8625	617450	5558624
17300	8675	617300	5558681	17400	8950	617391	5558937	17450	8600	617450	5558599
17300	8650	617300	5558656	17400	8925	617391	5558913	17450	8575	617450	5558574
17300	8625	617300	5558631	17400	8900	617392	5558889	17450	8550	617450	5558550
17300	8600	617300	5558606	17400	8875	617392	5558865	17450	8525	617450	5558525
17300	8575	617300	5558581	17400	8850	617392	5558840	17450	8500	617450	5558500
17300	8550	617300	5558556	17400	8825	617393	5558816	17450	8475	617450	5558475
17300	8525	617300	5558531	17400	8800	617393	5558792	17450	8450	617450	5558451
17300	8500	617300	5558506	17400	8775	617394	5558768	17450	8425	617450	5558426
17300	8475	617300	5558481	17400	8750	617394	5558743	17450	8400	617450	5558401
17300	8450	617300	5558456	17400	8725	617395	5558719	17500	9000	617502	5558989

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Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
17500	8975	617500	5558966	17550	8625	617552	5558625	17650	8900	617641	5558898
17500	8950	617500	5558941	17550	8600	617552	5558600	17650	8875	617642	5558873
17500	8925	617500	5558917	17550	8575	617552	5558575	17650	8850	617642	5558848
17500	8900	617500	5558892	17550	8550	617551	5558550	17650	8825	617643	5558823
17500	8875	617500	5558868	17550	8525	617551	5558526	17650	8800	617643	5558798
17500	8850	617500	5558843	17550	8500	617551	5558501	17650	8775	617643	5558773
17500	8825	617500	5558819	17550	8475	617551	5558476	17650	8750	617644	5558748
17500	8800	617500	5558794	17550	8450	617550	5558452	17650	8725	617644	5558723
17500	8775	617500	5558770	17550	8425	617550	5558427	17650	8700	617645	5558698
17500	8750	617500	5558745	17550	8400	617550	5558402	17650	8675	617645	5558673
17500	8725	617500	5558721	17600	9000	617601	5559008	17650	8650	617646	5558648
17500	8700	617500	5558696	17600	8975	617600	5558983	17650	8625	617646	5558623
17500	8675	617500	5558672	17600	8950	617600	5558958	17650	8600	617647	5558598
17500	8650	617500	5558647	17600	8925	617600	5558932	17650	8575	617647	5558573
17500	8625	617500	5558623	17600	8900	617600	5558907	17650	8550	617647	5558548
17500	8600	617500	5558598	17600	8875	617600	5558882	17650	8525	617648	5558523
17500	8575	617500	5558574	17600	8850	617600	5558857	17650	8500	617648	5558498
17500	8550	617500	5558549	17600	8825	617600	5558831	17650	8475	617649	5558473
17500	8525	617500	5558525	17600	8800	617600	5558806	17650	8450	617649	5558448
17500	8500	617500	5558500	17600	8775	617600	5558781	17650	8425	617650	5558423
17500	8475	617500	5558476	17600	8750	617600	5558756	17650	8400	617650	5558398
17500	8450	617500	5558451	17600	8725	617600	5558730	17700	9000	617703	5558996
17500	8425	617500	5558427	17600	8700	617600	5558705	17700	8975	617700	5558975
17500	8400	617500	5558402	17600	8675	617600	5558680	17700	8950	617700	5558950
17550	9000	617556	5558991	17600	8650	617600	5558655	17700	8925	617700	5558925
17550	8975	617555	5558971	17600	8625	617600	5558629	17700	8900	617700	5558900
17550	8950	617555	5558946	17600	8600	617600	5558604	17700	8875	617700	5558875
17550	8925	617555	5558922	17600	8575	617600	5558579	17700	8850	617700	5558850
17550	8900	617554	5558897	17600	8550	617600	5558554	17700	8825	617700	5558825
17550	8875	617554	5558872	17600	8525	617600	5558528	17700	8800	617700	5558800
17550	8850	617554	5558847	17600	8500	617600	5558503	17700	8775	617700	5558775
17550	8825	617554	5558823	17600	8475	617600	5558478	17700	8750	617700	5558750
17550	8800	617553	5558798	17600	8450	617600	5558453	17700	8725	617700	5558725
17550	8775	617553	5558773	17600	8425	617600	5558427	17700	8700	617700	5558700
17550	8750	617553	5558748	17600	8400	617600	5558402	17700	8675	617700	5558675
17550	8725	617553	5558724	17650	9000	617644	5558996	17700	8650	617700	5558650
17550	8700	617553	5558699	17650	8975	617640	5558973	17700	8625	617700	5558625
17550	8675	617552	5558674	17650	8950	617640	5558948	17700	8600	617700	5558600
17550	8650	617552	5558649	17650	8925	617641	5558923	17700	8575	617700	5558575

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Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
17700	8550	617700	5558550	17800	8825	617800	5558825	18000	7875	618000	5557879
17700	8525	617700	5558525	17800	8800	617800	5558800	18000	7850	618000	5557854
17700	8500	617700	5558500	17800	8775	617800	5558775	18000	7825	618000	5557829
17700	8475	617700	5558475	17800	8750	617800	5558750	18000	7800	618000	5557804
17700	8450	617700	5558450	17800	8725	617800	5558725	18050	8400	618051	5558390
17700	8425	617700	5558425	17800	8700	617800	5558700	18050	8375	618050	5558372
17700	8400	617700	5558400	17800	8675	617800	5558675	18050	8350	618050	5558347
17750	9000	617743	5559010	17800	8650	617800	5558650	18050	8325	618050	5558323
17750	8975	617740	5558981	17800	8625	617800	5558625	18050	8300	618050	5558298
17750	8950	617740	5558955	17800	8600	617800	5558600	18050	8275	618050	5558274
17750	8925	617741	5558930	17800	8575	617800	5558575	18050	8250	618050	5558249
17750	8900	617741	5558905	17800	8550	617800	5558550	18050	8225	618050	5558225
17750	8875	617742	5558880	17800	8525	617800	5558525	18050	8200	618050	5558200
17750	8850	617742	5558854	17800	8500	617800	5558500	18050	8175	618050	5558176
17750	8825	617743	5558829	17800	8475	617800	5558475	18050	8150	618050	5558151
17750	8800	617743	5558804	17800	8450	617800	5558450	18050	8125	618050	5558127
17750	8775	617743	5558779	17800	8425	617800	5558425	18050	8100	618050	5558102
17750	8750	617744	5558753	17800	8400	617800	5558400	18050	8075	618050	5558078
17750	8725	617744	5558728	18000	8400	618001	5558400	18050	8050	618050	5558053
17750	8700	617745	5558703	18000	8375	618000	5558379	18050	8025	618050	5558029
17750	8675	617745	5558678	18000	8350	618000	5558354	18050	8000	618050	5558004
17750	8650	617746	5558652	18000	8325	618000	5558329	18050	7975	618050	5557980
17750	8625	617746	5558627	18000	8300	618000	5558304	18050	7950	618050	5557955
17750	8600	617746	5558602	18000	8275	618000	5558279	18050	7925	618050	5557931
17750	8575	617747	5558577	18000	8250	618000	5558254	18050	7900	618050	5557906
17750	8550	617747	5558551	18000	8225	618000	5558229	18050	7875	618050	5557882
17750	8525	617748	5558526	18000	8200	618000	5558204	18050	7850	618050	5557857
17750	8500	617748	5558501	18000	8175	618000	5558179	18050	7825	618050	5557833
17750	8475	617749	5558476	18000	8150	618000	5558154	18050	7800	618050	5557808
17750	8450	617749	5558450	18000	8125	618000	5558129	18100	8400	618094	5558395
17750	8425	617750	5558425	18000	8100	618000	5558104	18100	8375	618095	5558370
17750	8400	617750	5558400	18000	8075	618000	5558079	18100	8350	618095	5558346
17800	9000	617802	5558997	18000	8050	618000	5558054	18100	8325	618096	5558321
17800	8975	617800	5558975	18000	8025	618000	5558029	18100	8300	618096	5558297
17800	8950	617800	5558950	18000	8000	618000	5558004	18100	8275	618096	5558272
17800	8925	617800	5558925	18000	7975	618000	5557979	18100	8250	618096	5558248
17800	8900	617800	5558900	18000	7950	618000	5557954	18100	8225	618096	5558223
17800	8875	617800	5558875	18000	7925	618000	5557929	18100	8200	618097	5558199
17800	8850	617800	5558850	18000	7900	618000	5557904	18100	8175	618097	5558174

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Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
18100	8150	618097	5558150	18150	7800	618150	5557810	18200	7450	618206	5557473
18100	8125	618097	5558125	18200	8400	618195	5558390	18200	7425	618206	5557449
18100	8100	618097	5558101	18200	8375	618195	5558375	18200	7400	618214	5557426
18100	8075	618098	5558076	18200	8350	618195	5558351	18250	8400	618256	5558396
18100	8050	618098	5558052	18200	8325	618196	5558326	18250	8375	618255	5558374
18100	8025	618098	5558027	18200	8300	618196	5558302	18250	8350	618255	5558350
18100	8000	618098	5558003	18200	8275	618196	5558277	18250	8325	618254	5558325
18100	7975	618099	5557978	18200	8250	618196	5558253	18250	8300	618254	5558301
18100	7950	618099	5557954	18200	8225	618196	5558228	18250	8275	618254	5558276
18100	7925	618099	5557930	18200	8200	618197	5558204	18250	8250	618254	5558252
18100	7900	618099	5557905	18200	8175	618197	5558179	18250	8225	618254	5558227
18100	7875	618099	5557881	18200	8150	618197	5558155	18250	8200	618253	5558203
18100	7850	618100	5557856	18200	8125	618197	5558130	18250	8175	618253	5558178
18100	7825	618100	5557832	18200	8100	618197	5558106	18250	8150	618253	5558154
18100	7800	618100	5557807	18200	8075	618198	5558081	18250	8125	618253	5558129
18150	8625	618150	5558335	18200	8050	618198	5558057	18250	8100	618253	5558105
18150	8400	618148	5558408	18200	8025	618198	5558032	18250	8075	618252	5558080
18150	8375	618150	5558385	18200	8000	618198	5558008	18250	8050	618252	5558056
18150	8350	618150	5558360	18200	7975	618199	5557983	18250	8025	618252	5558031
18150	8300	618150	5558310	18200	7950	618199	5557959	18250	8000	618252	5558007
18150	8275	618150	5558285	18200	7925	618199	5557935	18250	7975	618252	5557982
18150	8250	618150	5558260	18200	7900	618199	5557910	18250	7950	618251	5557958
18150	8225	618150	5558235	18200	7875	618199	5557886	18250	7925	618251	5557934
18150	8200	618150	5558210	18200	7850	618200	5557861	18250	7900	618251	5557909
18150	8175	618150	5558185	18200	7825	618200	5557837	18250	7875	618251	5557885
18150	8150	618150	5558160	18200	7800	618200	5557812	18250	7850	618250	5557860
18150	8125	618150	5558135	18200	7775	618200	5557788	18250	7825	618250	5557836
18150	8100	618150	5558110	18200	7750	618201	5557764	18250	7800	618250	5557811
18150	8075	618150	5558085	18200	7725	618201	5557739	18250	7775	618251	5557790
18150	8050	618150	5558060	18200	7700	618202	5557715	18250	7750	618252	5557769
18150	8025	618150	5558035	18200	7675	618202	5557691	18250	7725	618253	5557748
18150	8000	618150	5558010	18200	7650	618203	5557667	18250	7700	618254	5557727
18150	7975	618150	5557985	18200	7625	618203	5557643	18250	7675	618256	5557706
18150	7950	618150	5557960	18200	7600	618203	5557618	18250	7650	618257	5557685
18150	7925	618150	5557935	18200	7575	618204	5557594	18250	7625	618258	5557664
18150	7900	618150	5557910	18200	7550	618204	5557570	18250	7600	618259	5557643
18150	7875	618150	5557885	18200	7525	618205	5557546	18250	7575	618260	5557622
18150	7850	618150	5557860	18200	7500	618205	5557522	18250	7550	618261	5557601
18150	7825	618150	5557835	18200	7475	618205	5557497	18250	7525	618262	5557580

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Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
18250	7500	618263	5557559	18300	7550	618311	5557565	18350	7600	618353	5557635
18250	7475	618264	5557538	18300	7525	618312	5557541	18350	7575	618354	5557613
18250	7450	618265	5557517	18300	7500	618313	5557516	18350	7550	618354	5557590
18250	7425	618266	5557496	18300	7475	618314	5557492	18350	7525	618354	5557568
18250	7400	618272	5557474	18300	7450	618315	5557467	18350	7500	618355	5557545
18300	8400	618308	5558398	18300	7425	618316	5557443	18350	7475	618355	5557523
18300	8375	618305	5558379	18300	7400	618320	5557417	18350	7450	618356	5557500
18300	8350	618305	5558354	18350	8400	618352	5558380	18350	7425	618356	5557478
18300	8325	618305	5558330	18350	8375	618350	5558356	18350	7400	618357	5557455
18300	8300	618304	5558305	18350	8350	618350	5558332	18400	8400	618395	5558390
18300	8275	618304	5558280	18350	8325	618350	5558309	18400	8375	618395	5558371
18300	8250	618304	5558255	18350	8300	618350	5558285	18400	8350	618395	5558346
18300	8225	618304	5558231	18350	8275	618350	5558262	18400	8325	618396	5558322
18300	8200	618303	5558206	18350	8250	618350	5558238	18400	8300	618396	5558298
18300	8175	618303	5558181	18350	8225	618350	5558215	18400	8275	618396	5558274
18300	8150	618303	5558156	18350	8200	618350	5558191	18400	8250	618396	5558249
18300	8125	618303	5558132	18350	8175	618350	5558168	18400	8225	618396	5558225
18300	8100	618303	5558107	18350	8150	618350	5558144	18400	8200	618397	5558201
18300	8075	618302	5558082	18350	8125	618350	5558121	18400	8175	618397	5558177
18300	8050	618302	5558057	18350	8100	618350	5558097	18400	8150	618397	5558152
18300	8025	618302	5558033	18350	8075	618350	5558074	18400	8125	618397	5558128
18300	8000	618302	5558008	18350	8050	618350	5558050	18400	8100	618397	5558104
18300	7975	618302	5557983	18350	8025	618350	5558027	18400	8075	618398	5558080
18300	7950	618301	5557958	18350	8000	618350	5558003	18400	8050	618398	5558055
18300	7925	618301	5557934	18350	7975	618350	5557980	18400	8025	618398	5558031
18300	7900	618301	5557909	18350	7950	618350	5557956	18400	8000	618398	5558007
18300	7875	618301	5557884	18350	7925	618350	5557933	18400	7975	618399	5557983
18300	7850	618300	5557860	18350	7900	618350	5557909	18400	7950	618399	5557958
18300	7825	618300	5557835	18350	7875	618350	5557886	18400	7925	618399	5557934
18300	7800	618300	5557810	18350	7850	618350	5557862	18400	7900	618399	5557910
18300	7775	618301	5557786	18350	7825	618350	5557839	18400	7875	618399	5557886
18300	7750	618302	5557761	18350	7800	618350	5557815	18400	7850	618400	5557862
18300	7725	618303	5557737	18350	7775	618350	5557793	18400	7825	618400	5557837
18300	7700	618304	5557712	18350	7750	618351	5557770	18400	7800	618400	5557813
18300	7675	618305	5557688	18350	7725	618351	5557748	18400	7775	618400	5557788
18300	7650	618306	5557663	18350	7700	618352	5557725	18400	7750	618400	5557763
18300	7625	618307	5557639	18350	7675	618352	5557703	18400	7725	618400	5557738
18300	7600	618309	5557614	18350	7650	618352	5557680	18400	7700	618400	5557713
18300	7575	618310	5557590	18350	7625	618353	5557658	18400	7675	618400	5557688

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Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
18400	7650	618400	5557663	18450	7700	618450	5557714	18500	7750	618500	5557760
18400	7625	618400	5557638	18450	7675	618450	5557689	18500	7725	618501	5557735
18400	7600	618400	5557613	18450	7650	618450	5557664	18500	7700	618501	5557711
18400	7575	618400	5557588	18450	7625	618450	5557640	18500	7675	618501	5557687
18400	7550	618400	5557563	18450	7600	618450	5557615	18500	7650	618501	5557663
18400	7525	618400	5557538	18450	7575	618450	5557591	18500	7625	618501	5557638
18400	7500	618400	5557513	18450	7550	618450	5557566	18500	7600	618502	5557614
18400	7475	618400	5557488	18450	7525	618450	5557541	18500	7575	618502	5557590
18400	7450	618400	5557463	18450	7500	618450	5557517	18500	7550	618502	5557566
18400	7425	618400	5557438	18450	7475	618450	5557492	18500	7525	618502	5557541
18400	7400	618400	5557408	18450	7450	618450	5557468	18500	7500	618503	5557517
18450	8400	618459	5558377	18450	7425	618450	5557443	18500	7475	618503	5557493
18450	7800	618450	5557812	18450	7400	618453	5557417	18500	7450	618503	5557469
18450	7825	618450	5557836	18500	8400	618506	5558378	18500	7425	618503	5557444
18450	7850	618450	5557859	18500	8375	618500	5558354	18500	7400	618507	5557421
18450	7875	618451	5557883	18500	8350	618500	5558331	18550	8400	618560	5558360
18450	7900	618451	5557906	18500	8325	618500	5558307	18550	8375	618559	5558344
18450	7925	618451	5557930	18500	8300	618500	5558283	18550	8350	618559	5558321
18450	7950	618451	5557953	18500	8275	618500	5558259	18550	8325	618559	5558297
18450	7975	618451	5557976	18500	8250	618500	5558236	18550	8300	618558	5558274
18450	8000	618452	5558000	18500	8225	618500	5558212	18550	8275	618558	5558250
18450	8025	618452	5558023	18500	8200	618500	5558188	18550	8250	618557	5558227
18450	8050	618452	5558047	18500	8175	618500	5558164	18550	8225	618557	5558203
18450	8075	618452	5558070	18500	8150	618500	5558141	18550	8200	618557	5558180
18450	8100	618452	5558094	18500	8125	618500	5558117	18550	8175	618556	5558156
18450	8125	618453	5558117	18500	8100	618500	5558093	18550	8150	618556	5558133
18450	8150	618453	5558141	18500	8075	618500	5558069	18550	8125	618555	5558109
18450	8175	618453	5558164	18500	8050	618500	5558046	18550	8100	618555	5558086
18450	8200	618453	5558188	18500	8025	618500	5558022	18550	8075	618555	5558062
18450	8225	618453	5558211	18500	8000	618500	5557998	18550	8050	618554	5558039
18450	8250	618454	5558235	18500	7975	618500	5557974	18550	8025	618554	5558015
18450	8275	618454	5558258	18500	7950	618500	5557951	18550	8000	618553	5557992
18450	8300	618454	5558282	18500	7925	618500	5557927	18550	7975	618553	5557968
18450	8325	618454	5558305	18500	7900	618500	5557903	18550	7950	618552	5557945
18450	8350	618455	5558329	18500	7875	618500	5557879	18550	7925	618552	5557921
18450	8375	618455	5558352	18500	7850	618500	5557856	18550	7900	618552	5557898
18450	7775	618450	5557787	18500	7825	618500	5557832	18550	7875	618551	5557874
18450	7750	618450	5557763	18500	7800	618500	5557808	18550	7850	618551	5557851
18450	7725	618450	5557738	18500	7775	618500	5557784	18550	7825	618550	5557828

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Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
18550	7800	618550	5557804	18600	7850	618598	5557836	18650	7900	618658	5557881
18550	7775	618550	5557779	18600	7825	618598	5557813	18650	7875	618658	5557858
18550	7750	618550	5557754	18600	7800	618598	5557789	18650	7850	618658	5557834
18550	7725	618551	5557729	18600	7775	618599	5557765	18650	7825	618657	5557811
18550	7700	618551	5557704	18600	7750	618599	5557741	18650	7800	618657	5557788
18550	7675	618551	5557679	18600	7725	618600	5557718	18650	7775	618657	5557765
18550	7650	618551	5557654	18600	7700	618600	5557694	18650	7750	618657	5557741
18550	7625	618552	5557629	18600	7675	618600	5557670	18650	7725	618657	5557718
18550	7600	618552	5557604	18600	7650	618601	5557646	18650	7700	618656	5557695
18550	7575	618552	5557579	18600	7625	618601	5557623	18650	7675	618656	5557672
18550	7550	618552	5557554	18600	7600	618602	5557599	18650	7650	618656	5557648
18550	7525	618552	5557529	18600	7575	618602	5557575	18650	7625	618656	5557625
18550	7500	618553	5557504	18600	7550	618603	5557551	18650	7600	618656	5557602
18550	7475	618553	5557479	18600	7525	618603	5557528	18650	7575	618655	5557579
18550	7450	618553	5557454	18600	7500	618603	5557504	18650	7550	618655	5557555
18550	7425	618553	5557429	18600	7475	618604	5557480	18650	7525	618655	5557532
18550	7400	618555	5557400	18600	7450	618604	5557456	18650	7500	618655	5557509
18600	8400	618583	5558354	18600	7425	618605	5557433	18650	7475	618655	5557486
18600	8375	618589	5558335	18600	7400	618605	5557409	18650	7450	618654	5557463
18600	8350	618589	5558311	18650	8400	618665	5558346	18650	7425	618654	5557439
18600	8325	618590	5558288	18650	8375	618662	5558323	18650	7400	618654	5557416
18600	8300	618590	5558264	18650	8350	618662	5558299	18700	8400	618703	5558348
18600	8250	618591	5558216	18650	8325	618662	5558276	18700	8350	618700	5558326
18600	8225	618591	5558193	18650	8300	618661	5558253	18700	8325	618700	5558303
18600	8200	618592	5558169	18650	8275	618661	5558230	18700	8300	618700	5558281
18600	8175	618592	5558145	18650	8250	618661	5558206	18700	8275	618700	5558258
18600	8150	618593	5558121	18650	8225	618661	5558183	18700	8250	618700	5558213
18600	8125	618593	5558098	18650	8200	618660	5558160	18700	8250	618700	5558236
18600	8100	618593	5558074	18650	8175	618660	5558137	18700	8225	618700	5558191
18600	8075	618590	5558240	18650	8150	618660	5558113	18700	8200	618700	5558168
18600	8075	618594	5558050	18650	8125	618660	5558090	18700	8175	618700	5558146
18600	8050	618594	5558026	18650	8100	618660	5558067	18700	8150	618700	5558123
18600	8025	618595	5558003	18650	8075	618659	5558044	18700	8125	618700	5558101
18600	8000	618595	5557979	18650	8050	618659	5558020	18700	8100	618700	5558078
18600	7975	618595	5557955	18650	8025	618659	5557997	18700	8075	618700	5558056
18600	7950	618596	5557931	18650	8000	618659	5557974	18700	8050	618700	5558033
18600	7925	618596	5557908	18650	7975	618659	5557951	18700	8025	618700	5558011
18600	7900	618597	5557884	18650	7950	618658	5557927	18700	8000	618700	5557988
18600	7875	618597	5557860	18650	7925	618658	5557904	18700	7975	618700	5557966

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Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
18700	7950	618700	5557943	18750	8000	618745	5558000	18800	8050	618800	5558039
18700	7925	618700	5557921	18750	7975	618746	5557976	18800	8025	618800	5558016
18700	7900	618700	5557898	18750	7950	618746	5557952	18800	8000	618800	5557993
18700	7875	618700	5557876	18750	7925	618747	5557929	18800	7975	618800	5557970
18700	7850	618700	5557853	18750	7900	618748	5557905	18800	7950	618800	5557947
18700	7825	618700	5557831	18750	7875	618748	5557881	18800	7925	618800	5557924
18700	7800	618700	5557808	18750	7850	618749	5557857	18800	7900	618800	5557901
18700	7775	618701	5557784	18750	7825	618749	5557834	18800	7875	618800	5557878
18700	7750	618701	5557759	18750	7800	618750	5557810	18800	7850	618800	5557855
18700	7725	618702	5557735	18750	7775	618751	5557786	18800	7825	618800	5557832
18700	7700	618703	5557710	18750	7750	618751	5557761	18800	7800	618800	5557809
18700	7675	618703	5557686	18750	7725	618752	5557737	18800	7775	618800	5557784
18700	7650	618704	5557661	18750	7700	618753	5557712	18800	7750	618801	5557759
18700	7625	618704	5557637	18750	7675	618753	5557688	18800	7725	618801	5557734
18700	7600	618705	5557612	18750	7650	618754	5557663	18800	7700	618802	5557709
18700	7575	618706	5557588	18750	7625	618754	5557639	18800	7675	618802	5557684
18700	7550	618706	5557563	18750	7600	618755	5557614	18800	7650	618803	5557659
18700	7525	618707	5557539	18750	7575	618756	5557590	18800	7625	618803	5557634
18700	7500	618708	5557514	18750	7550	618756	5557565	18800	7600	618803	5557609
18700	7475	618708	5557490	18750	7525	618757	5557541	18800	7575	618804	5557584
18700	7450	618709	5557465	18750	7500	618758	5557516	18800	7550	618804	5557559
18700	7425	618710	5557441	18750	7475	618758	5557492	18800	7525	618805	5557534
18700	7400	618717	5557415	18750	7450	618759	5557467	18800	7500	618805	5557509
18750	8400	618736	5558379	18750	7425	618760	5557443	18800	7475	618806	5557484
18750	8375	618736	5558356	18750	7400	618768	5557417	18800	7450	618806	5557459
18750	8350	618736	5558332	18800	8400	618803	5558362	18800	7425	618807	5557434
18750	8325	618737	5558309	18800	8375	618800	5558338	18800	7400	618808	5557412
18750	8300	618738	5558285	18800	8350	618800	5558315	18850	8400	618865	5558371
18750	8275	618738	5558261	18800	8325	618800	5558292	18850	8375	618859	5558345
18750	8250	618739	5558237	18800	8300	618800	5558269	18850	8350	618859	5558322
18750	8225	618739	5558214	18800	8275	618800	5558246	18850	8325	618859	5558298
18750	8200	618740	5558190	18800	8250	618800	5558223	18850	8300	618858	5558275
18750	8175	618741	5558166	18800	8225	618800	5558200	18850	8275	618858	5558251
18750	8150	618741	5558142	18800	8200	618800	5558177	18850	8250	618857	5558228
18750	8125	618742	5558119	18800	8175	618800	5558154	18850	8225	618857	5558204
18750	8100	618743	5558095	18800	8150	618800	5558131	18850	8200	618857	5558181
18750	8075	618743	5558071	18800	8125	618800	5558108	18850	8175	618856	5558157
18750	8050	618744	5558047	18800	8100	618800	5558085	18850	8150	618856	5558134
18750	8025	618744	5558024	18800	8075	618800	5558062	18850	8125	618855	5558110

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Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
18850	8100	618855	5558087	18900	8150	618903	5558139	18950	8200	618957	5558186
18850	8075	618855	5558063	18900	8125	618903	5558115	18950	8175	618956	5558162
18850	8050	618854	5558040	18900	8100	618902	5558092	18950	8150	618956	5558139
18850	8025	618854	5558016	18900	8075	618902	5558068	18950	8125	618955	5558115
18850	8000	618853	5557993	18900	8050	618902	5558045	18950	8100	618955	5558092
18850	7975	618853	5557969	18900	8025	618902	5558021	18950	8075	618955	5558068
18850	7950	618852	5557946	18900	8000	618902	5557998	18950	8050	618954	5558045
18850	7925	618852	5557922	18900	7975	618901	5557974	18950	8025	618954	5558021
18850	7900	618852	5557899	18900	7950	618901	5557951	18950	8000	618953	5557998
18850	7875	618851	5557875	18900	7925	618901	5557928	18950	7975	618953	5557974
18850	7850	618851	5557852	18900	7900	618901	5557904	18950	7950	618952	5557951
18850	7825	618850	5557829	18900	7875	618901	5557881	18950	7925	618952	5557927
18850	7800	618850	5557805	18900	7850	618900	5557857	18950	7900	618952	5557904
18850	7775	618850	5557782	18900	7825	618900	5557834	18950	7875	618951	5557880
18850	7750	618850	5557758	18900	7800	618900	5557810	18950	7850	618951	5557857
18850	7725	618851	5557735	18900	7775	618900	5557785	18950	7825	618950	5557834
18850	7700	618851	5557711	18900	7750	618900	5557760	18950	7800	618950	5557810
18850	7675	618851	5557688	18900	7725	618901	5557735	18950	7775	618950	5557787
18850	7650	618851	5557664	18900	7700	618901	5557710	18950	7750	618950	5557763
18850	7625	618851	5557641	18900	7675	618901	5557685	18950	7725	618950	5557740
18850	7600	618852	5557617	18900	7650	618901	5557660	18950	7700	618950	5557716
18850	7575	618852	5557594	18900	7625	618902	5557635	18950	7675	618950	5557693
18850	7550	618852	5557570	18900	7600	618902	5557610	18950	7650	618950	5557669
18850	7525	618852	5557547	18900	7575	618902	5557585	18950	7625	618950	5557646
18850	7500	618852	5557523	18900	7550	618902	5557560	18950	7600	618950	5557622
18850	7475	618853	5557500	18900	7525	618902	5557535	18950	7575	618950	5557599
18850	7450	618853	5557476	18900	7500	618903	5557510	18950	7550	618950	5557575
18850	7425	618853	5557453	18900	7475	618903	5557485	18950	7525	618950	5557552
18850	7400	618860	5557433	18900	7450	618903	5557460	18950	7500	618950	5557528
18900	8400	618905	5558370	18900	7425	618903	5557435	18950	7475	618950	5557505
18900	8375	618905	5558350	18900	7400	618904	5557414	18950	7450	618950	5557481
18900	8350	618905	5558327	18950	8400	618962	5558373	18950	7425	618950	5557458
18900	8325	618904	5558303	18950	8375	618959	5558350	18950	7400	618950	5557430
18900	8300	618904	5558280	18950	8350	618959	5558327	19000	8400	619010	5558365
18900	8275	618904	5558256	18950	8325	618959	5558303	19000	8375	619009	5558341
18900	8250	618904	5558233	18950	8300	618958	5558280	19000	8350	619009	5558318
18900	8225	618903	5558209	18950	8275	618958	5558256	19000	8325	619008	5558295
18900	8200	618903	5558186	18950	8250	618957	5558233	19000	8300	619008	5558272
18900	8175	618903	5558162	18950	8225	618957	5558209	19000	8275	619008	5558249

Nicoamen 2006 Soil Locations - NAD 83 Zone 10

Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
19000	8250	619007	5558226	19050	8300	619066	5558304	19100	8350	619106	5558323
19000	8225	619007	5558203	19050	8275	619066	5558280	19100	8325	619106	5558299
19000	8200	619006	5558180	19050	8250	619067	5558256	19100	8300	619107	5558276
19000	8175	619006	5558157	19050	8225	619067	5558232	19100	8275	619107	5558252
19000	8150	619006	5558134	19050	8200	619068	5558208	19100	8250	619108	5558229
19000	8125	619005	5558111	19050	8175	619068	5558184	19100	8225	619109	5558205
19000	8100	619005	5558088	19050	8150	619068	5558160	19100	8200	619109	5558182
19000	8075	619004	5558065	19050	8125	619069	5558136	19100	8175	619110	5558158
19000	8052	619004	5558042	19050	8100	619069	5558112	19100	8150	619111	5558135
19000	8025	619004	5558019	19050	8075	619070	5558088	19100	8125	619111	5558111
19000	8000	619003	5557996	19050	8050	619070	5558064	19100	8100	619112	5558088
19000	7975	619003	5557973	19050	8025	619071	5558040	19100	8075	619112	5558064
19000	7950	619002	5557950	19050	8000	619071	5558016	19100	8050	619113	5558041
19000	7925	619002	5557927	19050	7975	619071	5557992	19100	8025	619114	5558017
19000	7900	619002	5557904	19050	7950	619072	5557968	19100	8000	619114	5557994
19000	7875	619001	5557881	19050	7925	619072	5557944	19100	7975	619115	5557970
19000	7850	619001	5557858	19050	7900	619073	5557920	19100	7950	619115	5557947
19000	7825	619000	5557835	19050	7875	619073	5557896	19100	7925	619116	5557923
19000	7800	619000	5557812	19050	7850	619073	5557872	19100	7900	619117	5557900
19000	7775	619000	5557787	19050	7825	619074	5557848	19100	7875	619117	5557876
19000	7750	619000	5557762	19050	7800	619074	5557824	19100	7850	619118	5557853
19000	7725	619000	5557737	19050	7775	619075	5557800	19100	7825	619119	5557829
19000	7700	619000	5557712	19050	7750	619075	5557776	19100	7800	619119	5557806
19000	7675	619000	5557687	19050	7725	619076	5557752	19100	7775	619120	5557782
19000	7650	619000	5557662	19050	7700	619076	5557728	19100	7750	619120	5557759
19000	7625	619000	5557637	19050	7675	619076	5557704	19100	7725	619121	5557735
19000	7600	619000	5557612	19050	7650	619077	5557680	19100	7700	619122	5557712
19000	7575	619000	5557587	19050	7625	619077	5557656	19100	7675	619122	5557688
19000	7550	619000	5557562	19050	7600	619078	5557632	19100	7650	619123	5557665
19000	7525	619000	5557537	19050	7575	619078	5557608	19100	7625	619123	5557641
19000	7500	619000	5557512	19050	7550	619078	5557584	19100	7600	619124	5557618
19000	7475	619000	5557487	19050	7525	619079	5557560	19100	7575	619125	5557594
19000	7450	619000	5557462	19050	7500	619079	5557536	19100	7550	619125	5557571
19000	7425	619000	5557437	19050	7475	619080	5557512	19100	7525	619126	5557547
19000	7400	619000	5557412	19050	7450	619080	5557488	19100	7500	619127	5557524
19050	8400	619060	5555395	19050	7425	619081	5557464	19100	7475	619127	5557500
19050	8375	619065	5558376	19050	7400	619081	5557440	19100	7450	619128	5557477
19050	8350	619065	5558352	19100	8400	619100	5558370	19100	7425	619128	5557453
19050	8325	619066	5558328	19100	8375	619105	5558346	19100	7400	619129	5557430

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Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
19150	8400	619148	5558388	19150	7425	619155	5557524	19200	7475	619200	5557515
19150	8375	619145	5558361	19150	7400	619158	5557499	19200	7450	619200	5557492
19150	8350	619145	5558337	19200	8400	619200	5558370	19200	7425	619200	5557470
19150	8325	619146	5558313	19200	8375	619200	5558348	19200	7400	619201	5557440
19150	8300	619146	5558289	19200	8350	619200	5558324	19250	8400	619250	5558388
19150	8275	619146	5558265	19200	8325	619200	5558301	19250	8375	619250	5558370
19150	8250	619146	5558241	19200	8300	619200	5558277	19250	8350	619250	5558345
19150	8225	619146	5558217	19200	8275	619200	5558254	19250	8325	619250	5558321
19150	8200	619147	5558193	19200	8250	619200	5558230	19250	8300	619250	5558296
19150	8175	619147	5558169	19200	8225	619200	5558207	19250	8275	619250	5558272
19150	8150	619147	5558145	19200	8200	619200	5558183	19250	8250	619250	5558247
19150	8125	619147	5558121	19200	8175	619200	5558160	19250	8225	619250	5558223
19150	8100	619147	5558097	19200	8150	619200	5558136	19250	8200	619250	5558198
19150	8075	619148	5558073	19200	8125	619200	5558113	19250	8175	619250	5558174
19150	8050	619148	5558049	19200	8100	619200	5558089	19250	8150	619250	5558149
19150	8025	619148	5558025	19200	8075	619200	5558066	19250	8125	619250	5558125
19150	8000	619148	5558001	19200	8050	619200	5558042	19250	8100	619250	5558100
19150	7975	619149	5557977	19200	8025	619200	5558019	19250	8075	619250	5558076
19150	7950	619149	5557953	19200	8000	619200	5557995	19250	8050	619250	5558051
19150	7925	619149	5557929	19200	7975	619200	5557972	19250	8025	619250	5558027
19150	7900	619149	5557905	19200	7950	619200	5557948	19250	8000	619250	5558002
19150	7875	619149	5557881	19200	7925	619200	5557925	19250	7975	619250	5557978
19150	7850	619150	5557857	19200	7900	619200	5557901	19250	7950	619250	5557953
19150	7825	619150	5557833	19200	7875	619200	5557878	19250	7925	619250	5557929
19150	7800	619150	5557809	19200	7850	619200	5557854	19250	7900	619250	5557904
19150	7775	619150	5557790	19200	7825	619200	5557831	19250	7875	619250	5557880
19150	7750	619151	5557771	19200	7800	619200	5557807	19250	7850	619250	5557855
19150	7725	619151	5557752	19200	7775	619200	5557785	19250	7825	619250	5557831
19150	7700	619151	5557733	19200	7750	619200	5557762	19250	7800	619250	5557806
19150	7675	619152	5557714	19200	7725	619200	5557740	19300	8400	619298	5558380
19150	7650	619152	5557695	19200	7700	619200	5557717	19300	8375	619295	5558357
19150	7625	619152	5557676	19200	7675	619200	5557695	19300	8350	619295	5558333
19150	7600	619153	5557657	19200	7650	619200	5557672	19300	8325	619296	5558309
19150	7575	619153	5557638	19200	7625	619200	5557650	19300	8300	619296	5558285
19150	7550	619153	5557619	19200	7600	619200	5557627	19300	8275	619296	5558261
19150	7525	619154	5557600	19200	7575	619200	5557605	19300	8250	619296	5558237
19150	7500	619154	5557581	19200	7550	619200	5557582	19300	8225	619296	5558213
19150	7475	619154	5557562	19200	7525	619200	5557560	19300	8200	619297	5558189
19150	7450	619155	5557543	19200	7500	619200	5557537	19300	8175	619297	5558165

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Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
19300	8150	619297	5558141	19350	7800	619350	5557802	19450	8075	619450	5558070
19300	8125	619297	5558117	19400	8400	619393	5558365	19450	8050	619450	5558045
19300	8100	619297	5558093	19400	8375	619395	5558342	19450	8025	619450	5558021
19300	8075	619298	5558069	19400	8350	619395	5558319	19450	8000	619450	5557996
19300	8050	619298	5558045	19400	8325	619396	5558295	19450	7975	619450	5557972
19300	8025	619298	5558021	19400	8300	619396	5558272	19450	7950	619450	5557947
19300	8000	619298	5557997	19400	8275	619396	5558248	19450	7925	619450	5557923
19300	7975	619299	5557973	19400	8250	619396	5558225	19450	7900	619450	5557898
19300	7950	619299	5557949	19400	8225	619397	5558201	19450	7875	619450	5557874
19300	7925	619299	5557925	19400	8200	619397	5558178	19450	7850	619450	5557849
19300	7900	619299	5557901	19400	8175	619397	5558154	19450	7825	619450	5557825
19300	7875	619299	5557877	19400	8150	619397	5558131	19450	7800	619450	5557800
19300	7850	619300	5557853	19400	8125	619397	5558107	19500	8400	619504	5558370
19300	7825	619300	5557829	19400	8100	619398	5558084	19500	8375	619500	5558355
19300	7800	619300	5557805	19400	8075	619398	5558060	19500	8350	619500	5558331
19350	8400	619356	5558382	19400	8050	619398	5558037	19500	8325	619500	5558307
19350	8375	619350	5558360	19400	8025	619398	5558013	19500	8300	619500	5558283
19350	8350	619350	5558336	19400	8000	619398	5557990	19500	8275	619500	5558259
19350	8325	619350	5558311	19400	7975	619399	5557966	19500	8250	619500	5558235
19350	8300	619350	5558287	19400	7950	619399	5557943	19500	8225	619500	5558211
19350	8275	619350	5558263	19400	7925	619399	5557920	19500	8200	619500	5558187
19350	8250	619350	5558239	19400	7900	619399	5557896	19500	8175	619500	5558163
19350	8225	619350	5558214	19400	7875	619399	5557873	19500	8150	619500	5558139
19350	8200	619350	5558190	19400	7850	619400	5557849	19500	8125	619500	5558115
19350	8175	619350	5558166	19400	7825	619400	5557826	19500	8100	619500	5558091
19350	8150	619350	5558142	19400	7800	619400	5557802	19500	8075	619500	5558067
19350	8125	619350	5558117	19450	8400	619454	5558382	19500	8050	619500	5558043
19350	8100	619350	5558093	19450	8375	619450	5558364	19500	8025	619500	5558019
19350	8075	619350	5558069	19450	8350	619450	5558339	19500	8000	619500	5557995
19350	8050	619350	5558045	19450	8325	619450	5558315	19500	7975	619500	5557971
19350	8025	619350	5558020	19450	8300	619450	5558290	19500	7950	619500	5557947
19350	8000	619350	5557996	19450	8275	619450	5558266	19500	7925	619500	5557923
19350	7975	619350	5557972	19450	8250	619450	5558241	19500	7900	619500	5557899
19350	7950	619350	5557948	19450	8225	619450	5558217	19500	7875	619500	5557875
19350	7925	619350	5557923	19450	8200	619450	5558192	19500	7850	619500	5557851
19350	7900	619350	5557899	19450	8175	619450	5558168	19500	7825	619500	5557827
19350	7875	619350	5557875	19450	8150	619450	5558143	19500	7800	619500	5557803
19350	7850	619350	5557851	19450	8125	619450	5558119	19550	8400	619553	5558370
19350	7825	619350	5557826	19450	8100	619450	5558094	19550	8375	619550	5558352

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Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
19550	8350	619550	5558328	19600	8000	619600	5557993	19700	8275	619704	5558251
19550	8325	619550	5558304	19600	7975	619600	5557970	19700	8250	619704	5558227
19550	8300	619550	5558280	19600	7950	619600	5557946	19700	8225	619704	5558204
19550	8275	619550	5558256	19600	7925	619600	5557923	19700	8200	619703	5558180
19550	8250	619550	5558232	19600	7900	619600	5557899	19700	8175	619703	5558156
19550	8225	619550	5558208	19600	7875	619600	5557876	19700	8150	619703	5558132
19550	8200	619550	5558184	19600	7850	619600	5557852	19700	8125	619703	5558109
19550	8175	619550	5558160	19600	7825	619600	5557829	19700	8100	619702	5558085
19550	8150	619550	5558136	19600	7800	619600	5557805	19700	8075	619702	5558061
19550	8125	619550	5558112	19650	8400	619651	5558372	19700	8050	619702	5558037
19550	8100	619550	5558088	19650	8375	619650	5558352	19700	8025	619702	5558014
19550	8075	619550	5558064	19650	8350	619650	5558328	19700	8000	619702	5557990
19550	8050	619550	5558040	19650	8325	619650	5558304	19700	7975	619701	5557966
19550	8025	619550	5558016	19650	8300	619650	5558280	19700	7950	619701	5557942
19550	8000	619550	5557992	19650	8275	619650	5558256	19700	7925	619701	5557919
19550	7975	619550	5557968	19650	8250	619650	5558232	19700	7900	619701	5557895
19550	7950	619550	5557944	19650	8225	619650	5558208	19700	7875	619701	5557871
19550	7925	619550	5557920	19650	8200	619650	5558184	19700	7850	619700	5557848
19550	7900	619550	5557896	19650	8175	619650	5558160	19700	7825	619700	5557824
19550	7875	619550	5557872	19650	8150	619650	5558136	19700	7800	619700	5557800
19550	7850	619550	5557848	19650	8125	619650	5558112	19750	8400	619751	5558395
19550	7825	619550	5557824	19650	8100	619650	5558088	19750	8375	619750	5558373
19550	7800	619550	5557800	19650	8075	619650	5558064	19750	8350	619750	5558349
19600	8400	619600	5558368	19650	8050	619650	5558040	19750	8325	619750	5558324
19600	8375	619600	5558346	19650	8025	619650	5558016	19750	8300	619750	5558299
19600	8350	619600	5558322	19650	8000	619650	5557992	19750	8275	619750	5558274
19600	8325	619600	5558299	19650	7975	619650	5557968	19750	8250	619750	5558250
19600	8300	619600	5558275	19650	7950	619650	5557944	19750	8225	619750	5558225
19600	8275	619600	5558252	19650	7925	619650	5557920	19750	8200	619750	5558200
19600	8250	619600	5558228	19650	7900	619650	5557896	19750	8175	619750	5558175
19600	8225	619600	5558205	19650	7875	619650	5557872	19750	8150	619750	5558151
19600	8200	619600	5558181	19650	7850	619650	5557848	19750	8125	619750	5558126
19600	8175	619600	5558158	19650	7825	619650	5557824	19750	8100	619750	5558101
19600	8150	619600	5558134	19650	7800	619650	5557800	19750	8075	619750	5558076
19600	8125	619600	5558111	19700	8400	619710	5558369	19750	8050	619750	5558052
19600	8100	619600	5558087	19700	8375	619705	5558346	19750	8025	619750	5558027
19600	8075	619600	5558064	19700	8350	619705	5558322	19750	8000	619750	5558002
19600	8050	619600	5558040	19700	8325	619704	5558299	19750	7975	619750	5557977
19600	8025	619600	5558017	19700	8300	619704	5558275	19750	7950	619750	5557953

Nicoamen 2006 Soil Locations - NAD 83 Zone 10

Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
19750	7925	619750	5557928	19850	8200	619847	5558179	19900	7850	619900	5557848
19750	7900	619750	5557903	19850	8175	619847	5558155	19900	7825	619900	5557824
19750	7875	619750	5557878	19850	8150	619847	5558132	19900	7800	619900	5557800
19750	7850	619750	5557854	19850	8125	619847	5558108	19950	8400	619946	5558404
19750	7825	619750	5557829	19850	8100	619848	5558085	19950	8375	619945	5558381
19750	7800	619750	5557804	19850	8075	619848	5558061	19950	8350	619945	5558355
19800	8400	619800	5558378	19850	8050	619848	5558038	19950	8325	619945	5558330
19800	8374	619800	5558355	19850	8025	619848	5558014	19950	8300	619946	5558305
19800	8350	619800	5558331	19850	8000	619848	5557991	19950	8275	619946	5558280
19800	8325	619800	5558307	19850	7975	619849	5557967	19950	8250	619946	5558255
19800	8300	619800	5558283	19850	7950	619849	5557944	19950	8225	619946	5558229
19800	8275	619800	5558259	19850	7925	619849	5557921	19950	8200	619946	5558204
19800	8250	619800	5558235	19850	7900	619849	5557897	19950	8175	619947	5558179
19800	8225	619800	5558211	19850	7875	619849	5557874	19950	8150	619947	5558154
19800	8200	619800	5558187	19850	7850	619850	5557850	19950	8125	619947	5558129
19800	8175	619800	5558163	19850	7825	619850	5557827	19950	8100	619947	5558103
19800	8150	619800	5558139	19850	7800	619850	5557803	19950	8075	619948	5558078
19800	8125	619800	5558115	19900	8400	619900	5558375	19950	8050	619948	5558053
19800	8100	619800	5558091	19900	8375	619900	5558352	19950	8025	619948	5558028
19800	8075	619800	5558067	19900	8350	619900	5558328	19950	8000	619948	5558003
19800	8050	619800	5558043	19900	8325	619900	5558304	19950	7975	619948	5557977
19800	8025	619800	5558019	19900	8300	619900	5558280	19950	7950	619949	5557952
19800	8000	619800	5557995	19900	8275	619900	5558256	19950	7925	619949	5557927
19800	7975	619800	5557971	19900	8250	619900	5558232	19950	7900	619949	5557902
19800	7950	619800	5557947	19900	8225	619900	5558208	19950	7875	619949	5557877
19800	7925	619800	5557923	19900	8200	619900	5558184	19950	7850	619950	5557851
19800	7900	619800	5557899	19900	8175	619900	5558160	19950	7825	619950	5557826
19800	7875	619800	5557875	19900	8150	619900	5558136	19950	7800	619950	5557801
19800	7850	619800	5557851	19900	8125	619900	5558112	20000	8400	620004	5558390
19800	7825	619800	5557827	19900	8100	619900	5558088	20000	8375	620000	5558371
19800	7800	619800	5557803	19900	8075	619900	5558064	20000	8350	620000	5558346
19850	8400	619846	5558366	19900	8050	619900	5558040	20000	8325	620000	5558322
19850	8375	619845	5558343	19900	8025	619900	5558016	20000	8300	620000	5558297
19850	8350	619845	5558320	19900	8000	619900	5557992	20000	8275	620000	5558272
19850	8325	619846	5558296	19900	7975	619900	5557968	20000	8250	620000	5558248
19850	8300	619846	5558273	19900	7950	619900	5557944	20000	8225	620000	5558223
19850	8275	619846	5558249	19900	7925	619900	5557920	20000	8200	620000	5558198
19850	8250	619846	5558226	19900	7900	619900	5557896	20000	8175	620000	5558174
19850	8225	619847	5558202	19900	7875	619900	5557872	20000	8150	620000	5558149

Nicoamen 2006 Soil Locations - NAD 83 Zone 10

Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y	Grid E	Grid N	Map X	Map Y
20000	8125	620000	5558124	20100	8400	620104	5558382	20150	8050	620150	5558047
20000	8100	620000	5558099	20100	8375	620100	5558359	20150	8025	620150	5558023
20000	8075	620000	5558075	20100	8350	620100	5558335	20150	8000	620150	5557998
20000	8050	620000	5558050	20100	8325	620100	5558310	20150	7975	620150	5557974
20000	8025	620000	5558025	20100	8300	620100	5558286	20150	7950	620150	5557949
20000	8000	620000	5558001	20100	8275	620100	5558262	20150	7925	620150	5557925
20000	7975	620000	5557976	20100	8250	620100	5558238	20150	7900	620150	5557900
20000	7950	620000	5557951	20100	8225	620100	5558213	20150	7875	620150	5557876
20000	7925	620000	5557927	20100	8200	620100	5558189	20150	7850	620150	5557851
20000	7900	620000	5557902	20100	8175	620100	5558165	20150	7825	620150	5557827
20000	7875	620000	5557877	20100	8150	620100	5558141	20150	7800	620150	5557802
20000	7850	620000	5557852	20100	8125	620100	5558116	20200	8400	620202	5558406
20000	7825	620000	5557828	20100	8100	620100	5558092	20200	8375	620200	5558384
20000	7800	620000	5557803	20100	8075	620100	5558068	20200	8350	620200	5558358
20050	8400	620050	5558407	20100	8050	620100	5558044	20200	8325	620200	5558333
20050	8375	620045	5558380	20100	8025	620100	5558019	20200	8300	620200	5558308
20050	8350	620045	5558354	20100	8000	620100	5557995	20200	8275	620200	5558283
20050	8325	620045	5558329	20100	7975	620100	5557971	20200	8250	620200	5558258
20050	8300	620046	5558304	20100	7950	620100	5557947	20200	8225	620200	5558232
20050	8275	620046	5558279	20100	7925	620100	5557922	20200	8200	620200	5558207
20050	8250	620046	5558254	20100	7900	620100	5557898	20200	8175	620200	5558182
20050	8225	620046	5558228	20100	7875	620100	5557874	20200	8150	620200	5558157
20050	8200	620046	5558203	20100	7850	620100	5557850	20200	8125	620200	5558132
20050	8175	620047	5558178	20100	7825	620100	5557825	20200	8100	620200	5558106
20050	8150	620047	5558153	20100	7800	620100	5557801	20200	8075	620200	5558081
20050	8125	620047	5558128	20150	8400	620155	5558385	20200	8050	620200	5558056
20050	8100	620047	5558102	20150	8375	620150	5558366	20200	8025	620200	5558031
20050	8075	620048	5558077	20150	8350	620150	5558341	20200	8000	620200	5558006
20050	8050	620048	5558052	20150	8325	620150	5558317	20200	7975	620200	5557980
20050	8025	620048	5558027	20150	8300	620150	5558292	20200	7950	620200	5557955
20050	8000	620048	5558002	20150	8275	620150	5558268	20200	7925	620200	5557930
20050	7975	620048	5557976	20150	8250	620150	5558243	20200	7900	620200	5557905
20050	7950	620049	5557951	20150	8225	620150	5558219	20200	7875	620200	5557880
20050	7925	620049	5557926	20150	8200	620150	5558194	20200	7850	620200	5557854
20050	7900	620049	5557901	20150	8175	620150	5558170	20200	7825	620200	5557829
20050	7875	620049	5557876	20150	8150	620150	5558145	20200	7800	620200	5557804
20050	7850	620050	5557850	20150	8125	620150	5558121				
20050	7825	620050	5557825	20150	8100	620150	5558096				
20050	7800	620050	5557800	20150	8075	620150	5558072				



GEOCHEMICAL ANALYSIS CERTIFICATE



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SAMPLE#	Mo	Ca	Pb	Zr	Ag	Ki	Ce	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Rl	V	Co	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	W	Ni	Se	Tl	S	Ga	Sn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
16000E 8300N	.1	2.0	3.3	47	<1	3.6	4.6	553	2.00	<5	2.9	.9	4.3	75	<1	<1	1	42	.61	.079	8	7	.59	238	.151	1	1.08	.120	.56	.1	.01	2.4	.4	<.05	5	<.5
16000E 8300N	.8	16.9	7.0	107	<1	27.3	11.1	459	2.45	4.5	3	1.2	.9	23	.1	.2	1	53	21	290	3	29	43	136	.090	2	2.56	.017	.06	<.1	.03	3.1	<.1	<.05	7	<.5
16000E 8375N	.8	29.3	8.8	61	.1	24.4	9.8	665	2.37	2.9	.5	1.4	.9	61	.2	.5	.1	51	1.27	.030	10	28	.57	142	.087	4	2.27	.034	.04	<.1	.04	4.9	.1	.07	5	<.6
16000E 8350N	.4	20.2	5.4	87	<.1	34.3	12.7	535	2.70	4.2	.4	<.5	.9	41	.1	.3	.1	63	.35	.140	4	33	.62	143	.111	2	2.71	.021	.09	<.1	.03	3.6	<.1	<.05	7	<.5
16000E 8325N	.5	44.2	6.3	262	.1	27.9	12.9	1572	3.15	7.1	.9	<.5	.9	35	.5	5.6	.2	55	.66	.243	4	30	.62	129	.097	3	3.97	.017	.06	.2	.04	4.4	.1	<.05	8	<.5
16000E 8300N	.4	23.7	5.6	87	<.1	32.2	12.7	520	3.43	4.9	.7	<.5	1.6	64	.1	1.6	.1	91	.53	.072	10	40	.77	188	.148	1	2.81	.033	.05	.1	.02	5.8	<.1	<.05	7	<.5
16000E 8375N	.4	29.8	6.3	136	<.1	26.5	11.2	565	2.47	4.1	4	<.5	.8	39	.2	2.4	.1	58	.36	.144	3	27	.56	126	.133	2	2.38	.021	.06	.1	.04	3.3	<.1	<.05	6	<.5
16000E 8350N	.4	18.0	5.2	136	<.1	27.4	11.5	352	2.71	3.7	3	.5	.7	37	.2	4	1	65	.77	.153	3	30	.51	124	.112	1	2.46	.019	.06	<.1	.02	2.6	<.1	<.05	7	<.5
16000E 8325N	.4	18.8	4.8	69	<.1	29.8	11.9	351	2.62	2.6	.4	<.5	1.0	47	.1	.3	.1	66	.32	.060	4	31	.59	126	.111	<.1	2.54	.021	.05	<.1	.02	3.4	<.1	<.05	7	<.5
16000E 8300N	.5	17.7	4.5	67	<.1	32.7	12.3	315	2.75	3.9	.3	<.5	.9	43	.1	.2	.1	60	.27	.120	3	32	.54	132	.112	2	3.95	.020	.05	<.1	.03	2.7	<.1	<.05	6	<.5
16000E 8375N	.5	17.7	4.4	70	<.1	21.3	10.2	270	2.59	3.1	.3	.8	.7	52	<.1	.4	1	73	.26	.058	3	30	.56	96	.130	1	1.77	.026	.04	<.1	.03	3.0	<.1	<.05	5	<.5
16000E 8350N	.4	21.8	5.4	62	<.1	33.0	11.0	296	2.47	3.0	.5	1.1	1.3	59	<.1	.2	.1	59	.39	.077	10	31	.63	126	.109	1	2.58	.022	.06	<.1	.02	5.2	<.1	<.05	7	<.5
16000E 8325N	.5	18.9	5.1	51	<.1	23.3	9.0	351	2.01	3.3	.5	1.0	.8	73	.1	.3	<.1	49	.60	.078	8	25	.54	105	.074	2	1.71	.022	.06	<.1	.06	4.5	<.1	<.05	5	<.5
16000E 8300N	.6	13.4	4.6	64	<.1	28.0	11.1	454	2.43	3.9	.4	<.5	1.1	32	.1	.2	.1	60	.25	.174	4	28	.40	102	.097	2	2.74	.018	.07	.1	.04	2.8	<.1	<.05	7	<.5
16000E 8375N	.4	22.1	3.6	37	<.1	27.0	10.6	239	2.57	5.8	.3	.7	1.0	67	<.1	.4	<.1	74	.30	.075	3	39	.55	137	.091	1	2.51	.021	.05	<.1	.02	2.9	<.1	<.05	6	<.5
16000E 8350N	.5	19.6	3.9	53	<.1	26.7	11.1	512	2.88	4.3	.2	.8	.9	52	<.1	.4	.1	68	.31	.109	4	31	.50	126	.095	2	2.20	.018	.12	<.1	.02	3.1	<.1	<.05	6	<.5
16000E 8325N	.6	21.1	4.1	57	<.1	28.6	14.4	451	2.92	4.1	.3	1.0	1.0	57	<.1	.4	.1	69	.40	.143	5	39	.70	108	.087	3	1.96	.024	.09	<.1	.02	5.1	<.1	<.05	6	<.5
16000E 8300N	.7	29.1	3.6	55	<.1	27.5	16.3	312	2.95	4.4	.5	<.5	.8	75	.1	.3	<.1	68	.53	.187	5	31	.06	203	.081	3	1.88	.033	.07	<.1	.04	4.8	<.1	<.05	6	<.5
16000E 8375N	.5	25.9	11.4	58	.1	28.0	15.1	617	2.99	4.8	.6	.5	1.4	104	.1	.3	.2	85	.71	.105	9	34	.92	202	.098	4	1.46	.044	.06	<.1	.01	4.6	<.1	<.05	5	<.5
16000E 8350N	.6	35.7	3.9	53	<.1	41.3	18.9	703	3.53	6.2	.5	2.1	1.8	90	<.1	.4	<.1	94	.59	.091	12	41	1.16	121	1.7	3	2.12	.046	.08	<.1	.02	8.3	.1	<.05	6	<.5
16000E 8325N	.8	37.4	3.0	60	<.1	40.9	17.7	655	3.42	5.9	.6	1.5	1.7	91	<.1	.5	.1	89	.52	.093	11	42	1.10	148	1.13	3	2.56	.038	.08	<.1	.02	7.5	.1	<.05	7	<.5
16000E 8300N	.5	23.6	3.8	60	<.1	23.8	14.3	492	2.94	4.0	.4	<.5	1.0	49	<.1	.4	.1	77	.25	.130	5	33	.63	116	1.09	1	2.48	.022	.05	<.1	.02	4.0	<.1	<.05	7	<.5
16000E 8475N	.4	24.8	3.6	52	<.1	39.1	12.5	338	2.86	4.4	.4	.7	1.0	46	.1	.4	.1	77	.25	.107	3	52	.59	139	.099	2	2.87	.025	.06	<.1	.02	3.2	<.1	<.05	7	<.5
16000E 8450N	.4	10.9	6.1	55	<.1	12.3	6.4	377	1.52	3.9	.3	1.0	1.1	16	<.1	.2	.1	32	.11	.289	3	15	.15	82	.060	2	2.06	.014	.04	<.1	.03	2.1	<.1	<.05	7	<.5
16000E 8425N	.4	14.7	4.9	57	<.1	25.2	10.1	455	2.24	4.5	.3	<.5	.8	37	<.1	.2	.1	53	.24	.284	2	25	.35	138	.084	1	2.51	.016	.05	<.1	.03	2.3	<.1	<.05	7	<.5
16000E 8400N	.6	26.5	5.1	72	<.1	43.0	16.1	481	3.28	3.6	.4	<.5	1.2	52	.1	.4	1	70	.30	.136	4	35	.77	208	1.07	3	3.65	.019	.07	<.1	.03	4.6	<.1	<.05	9	<.5
16000E 9000N	.4	18.4	5.2	71	<.1	32.3	11.8	755	2.82	3.8	.3	<.5	1.0	46	.1	.2	.1	67	.32	.166	5	35	.47	146	1.08	2	2.96	.020	.08	<.1	.03	4.3	<.1	<.05	8	<.5
RE 16000E 8575N	5	27.5	5.4	62	<.1	27.8	14.2	629	2.93	5.2	.6	1.5	1.2	105	.1	.3	.2	83	.74	.102	9	32	.94	205	.095	4	1.50	.045	.07	<.1	.02	4.9	<.1	<.05	5	<.5
16000E 8975N	.7	48.9	5.5	34	<.1	31.2	10.5	453	2.86	2.4	.3	1.0	1.1	00	.1	.3	.1	59	.61	.023	13	33	.61	127	.112	4	2.53	.047	.04	<.1	.04	6.6	<.1	<.05	6	<.5
16000E 8950N	1.0	42.1	4.3	173	.1	29.3	13.4	809	4.53	10.4	.7	.7	1.0	30	.1	2.0	1	99	.32	.131	5	25	.48	326	.085	3	2.79	.016	.03	.1	.02	9.7	.1	<.05	7	<.5
16000E 8525N	.6	29.7	3.9	63	<.1	27.7	13.6	485	3.46	4.4	.4	.5	.9	49	.1	1.0	.1	93	.34	.035	3	33	.82	137	1.13	1	2.47	.025	.07	<.1	.03	4.9	<.1	<.05	7	<.5
16000E 8900N	.9	55.1	4.0	163	<.1	28.9	15.7	680	3.55	8.3	.5	<.5	.9	63	.3	3.0	.1	87	.53	.051	5	33	.90	54	.095	2	2.55	.022	.05	.1	.03	5.3	<.1	<.05	8	<.5
16000E 8875N	.9	56.4	4.2	159	<.1	29.6	23.7	727	4.04	6.5	.5	.9	.9	50	.2	1.3	.1	94	.53	.092	5	29	1.22	104	.081	1	2.97	.017	.05	<.1	.03	6.3	.1	<.05	9	<.5
16000E 0850N	.7	36.4	5.7	213	<.1	29.2	18.6	901	3.65	7.4	.4	<.5	.9	49	.3	2.2	.1	88	.45	.110	4	31	1.31	118	.093	2	2.81	.016	.08	<.1	.03	5.0	.1	<.05	9	<.5
16000E 8625N	.6	26.0	4.4	152	<.1	26.7	14.4	530																												



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Ed	Sb	Bi	V	Cr	P	Ca	Cr	Mg	Ba	Li	B	Al	Na	K	W	Hg	Sc	U	S	Co	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
6-1	1	2.7	3.1	45	<1	3.8	4.4	552	2.07	<5	3.0	1.0	4.6	76	<1	<1	.1	43	.58	0.76	7	7	.62	233	148	<1	1.13	.124	.57	<1	<.01	2.3	.3	<.05	5	<.5
16850E 8800W	.5	26.6	4.3	129	<1	28.4	13.5	513	3.17	5.4	.3	.9	9	59	.3	1.4	.1	81	.33	.099	4	29	.77	140	109	1	2.37	.317	.39	<1	.02	3.9	.1	<.05	7	<.5
16850E 8770W	.3	39.5	4.9	91	<1	31.2	12.1	456	2.89	3.1	1.2	1.9	1.5	80	.1	.6	.1	67	.79	.022	16	32	.86	144	109	2	2.19	.339	.35	<1	.03	7.5	<.1	<.05	6	<.5
16850C 8750W	.3	39.2	5.3	56	<1	28.5	11.2	396	2.77	4.7	1.2	1.4	1.4	58	.1	.7	.1	73	.62	.020	17	53	.64	129	106	1	2.14	.335	.33	<1	.02	6.6	<.1	<.05	6	.5
16850E 8725W	.4	18.7	4.0	65	<1	27.9	11.8	317	2.55	3.0	.3	.6	.9	45	.1	.3	.1	66	.25	.108	3	29	.60	126	111	1	2.26	.321	.35	<1	.02	2.7	<.1	<.05	6	<.5
16850E 8700W	.3	21.6	4.0	72	<1	26.4	12.3	336	2.68	3.2	.3	.5	1.1	55	.1	.3	<.1	73	.29	.134	4	31	.57	115	115	1	2.05	.322	.07	<1	.02	3.8	<.1	<.05	6	<.5
16850F 8675W	.4	21.7	4.2	72	<1	26.9	12.5	380	2.79	3.1	.4	.8	1.1	53	<.1	.3	.1	76	.32	.124	4	29	.60	115	120	1	2.27	.321	.07	<1	.02	3.6	<.1	<.05	7	<.5
16850E 8650W	.4	22.7	4.0	41	<1	28.0	15.1	508	2.50	3.5	.5	.0	1.2	81	.1	.3	<.1	80	.47	.056	9	34	.80	126	118	1	1.89	.332	.04	<.1	.02	5.4	<.1	<.05	5	<.5
16850E 8625W	1.1	40.1	4.2	54	<1	30.3	17.2	698	3.32	9.7	5	8.8	1.5	78	1	1.1	<.1	93	.56	.093	11	34	.75	147	093	3	1.64	.330	.09	<.1	.04	8.5	.1	<.05	5	<.5
16850C 8600W	.5	27.6	4.2	32	<1	23.0	9.4	205	1.98	3.5	1.0	1.7	.9	67	.1	.4	<.1	63	.51	.055	9	29	.54	133	066	2	1.79	.323	.05	<.1	.03	6.3	<.1	<.05	5	<.5
16850E 8575W	.2	24.6	3.6	54	<1	27.3	17.4	365	2.83	2.3	.5	<.5	1.3	72	.1	.3	.1	69	.42	.065	7	34	.80	97	102	2	1.75	.330	.07	<.1	.01	6.2	<.1	<.05	5	<.5
16850E 8550W	.4	31.8	3.4	57	<1	35.8	17.1	444	3.34	4.4	.6	<.5	1.5	87	1	.3	<.1	79	.55	.093	7	36	1.07	115	093	2	2.00	.334	.03	<.1	.03	7.5	<.1	<.05	5	.5
16850C 8525W	.7	37.1	3.7	60	<1	38.2	15.8	781	3.20	6.4	.6	1.2	1.2	105	.1	.4	<.1	65	.71	.088	13	36	1.09	127	096	5	1.82	.339	.08	<.1	.03	7.4	<.1	<.05	5	<.5
16850F 8500W	.5	28.4	2.6	52	<1	30.7	15.4	545	3.34	4.8	.6	.7	1.1	96	.1	.4	<.1	83	.62	.101	9	30	.98	173	090	3	1.35	.335	.07	<.1	.02	4.9	<.1	<.05	4	<.5
16850E 8475W	.8	29.7	4.0	60	<1	23.4	16.6	436	3.01	4.5	.5	<.5	.9	61	.1	.3	.1	80	.39	.177	5	30	.86	177	086	2	1.87	.328	.06	<.1	.04	4.2	<.1	<.05	5	<.5
16850E 8450W	.5	27.7	3.6	56	<1	30.9	14.0	368	3.06	3.7	.4	.9	1.4	88	<.1	.4	<.1	77	.47	.071	8	34	.82	112	124	2	1.97	.336	.05	<.1	.02	6.3	<.1	<.05	5	<.5
16850F 8425W	.3	35.3	3.0	57	<1	44.8	17.2	515	3.48	5.5	.6	.7	1.7	98	.1	.6	<.1	87	.75	.088	17	39	1.22	117	099	4	1.79	.346	.09	<.1	.03	10.2	.1	<.05	5	<.5
16850E 8400W	.7	24.6	3.3	66	<1	30.6	15.4	370	3.17	4.5	.3	.5	.8	52	.1	.4	<.1	83	.40	.115	3	34	.72	115	113	2	2.14	.331	.05	<.1	.02	4.6	<.1	<.05	6	<.5
16900E 8300W	.5	33.3	7.3	96	<1	33.1	11.9	997	2.27	3.4	3	<.5	.4	57	.1	.9	1	65	.73	.030	3	22	.34	193	066	2	1.60	.317	.05	<.1	.09	3.3	.1	.05	5	<.5
16900E 8275W	.9	48.4	4.3	103	.2	29.6	18.8	1921	3.52	5.6	.3	<.5	.3	29	.2	.5	1	116	.35	.113	4	16	.16	155	042	1	1.27	.313	.05	<.1	.04	5.4	<.1	<.05	5	<.5
16900F 8250W	.7	27.5	6.7	365	<1	25.0	9.7	1432	2.05	7.1	.4	<.5	.7	20	.4	4.0	.2	66	.20	.185	3	24	.30	262	094	2	2.09	.314	.05	<.1	.03	4.0	.1	<.05	7	<.5
16900E 8225W	3.3	12.0	4.7	139	<1	16.3	18.0	1150	3.72	8.3	.3	<.5	.9	23	.2	1.4	.2	63	.31	.134	5	14	.19	177	047	1	1.41	.312	.04	<.1	.05	2.9	.7	<.05	6	<.5
16900E 8200W	1.1	19.9	5.7	90	<1	33.1	13.7	983	2.80	5.6	.3	<.5	.6	39	.1	.7	.1	73	.33	.117	3	30	.45	141	116	2	2.22	.319	.13	<.1	.04	3.6	.1	<.05	6	<.5
16900E 8175W	14.7	56.8	3.8	61	<1	25.2	18.0	428	4.18	39.5	.3	5.9	.9	63	.1	3.2	.1	135	.36	.035	3	36	.79	105	118	1	2.17	.321	.10	<.1	.03	6.9	.2	<.05	6	<.5
16900C 8350W	7.1	113.1	3.5	65	.1	17.0	28.9	1248	5.76	54.2	.5	34.5	1.7	22	.1	3.0	.1	139	.34	.114	13	12	.26	188	021	3	.75	.310	.07	<.1	.19	15.5	.1	.15	3	.9
16900E 8225W	6.2	83.6	2.5	52	<1	17.2	22.3	780	4.78	47.7	.6	16.3	2.0	33	.1	2.5	.1	122	.37	.107	14	17	.42	149	040	2	1.16	.314	.07	<.1	.07	15.8	.1	<.05	4	.8
16900E 8200W	4.9	83.3	3.5	63	<1	21.7	22.0	900	4.69	28.3	.6	13.5	2.0	41	<.1	2.1	.1	126	.42	.053	14	27	.54	103	059	7	1.40	.317	.08	<.1	.06	16.2	.1	<.05	5	<.5
16900C 8175W	1.3	51.3	4.0	75	<1	33.3	17.6	757	4.29	12.8	.6	3.6	1.8	63	.1	1.3	.1	121	.47	.058	16	37	.98	286	114	1	2.43	.320	.09	<.1	.04	14.2	.1	<.05	7	<.5
16900F 8150W	1.2	38.2	4.5	80	<1	33.1	17.3	637	3.59	5.6	.6	.8	1.5	45	1	1.1	.1	107	.37	.052	8	35	.59	307	121	<.1	2.61	.319	.09	<.1	.03	8.2	.1	<.05	7	<.5
16900E 8125W	1.3	50.6	4.6	58	<1	31.3	22.0	1352	4.66	16.5	.7	3.3	2.9	71	.1	1.5	.1	104	.64	.063	24	31	.92	245	092	3	1.90	.332	.11	<.1	.02	13.6	.1	<.05	6	<.5
16900C 8100W	.3	47.7	3.3	54	<1	35.5	18.3	637	3.59	11.1	.5	3.3	1.7	94	.1	1.1	<.1	103	.81	.085	11	36	1.06	150	113	4	1.31	.355	.06	<.1	.04	9.4	.1	<.05	5	<.5
16900E 8075W	.4	20.2	4.6	71	<1	31.4	17.1	370	2.48	3.6	.4	.7	.9	34	<.1	.3	.1	59	.21	.119	4	30	.51	160	095	1	2.88	.319	.06	<.1	.03	3.5	<.1	<.05	8	<.5
16900E 8050W	.4	14.3	5.0	63	<1	19.6	8.8	273	2.67	2.4	.3	<.5	.7	38	<.1	.3	.1	49	.24	.097	4	25	.42	91	102	<.1	2.03	.317	.05	<.1	.02	2.7	<.1	<.05	6	<.5
RE 16900E 8025W	.3	14.5	4.8	54	<1	20.4	9.1	262	2.14	2.1	.3	.5	.7	39	.1	.3	.1	50	.25	.095	4	20	.43	92	105	1	2.07	.317	.05	<.1	.02	2.8	<.1	<.05	6	<.5
16900E 8025W	1.3	38.5	3.7	55	<.1	32.8	17.4	683	3.25	10.1	.5	3.6	1.6	70	.1	.5	<.1	87	.62	.091	11	35	.91	124	104	3	1.84	.338	.07	<.1	.04	8.4	<.1	<.05	5	<.5
STANDARD 357	20.3	112.3	68.7	417	.8	58.3	9.8	644	2.42	47.9	4.7	54.8	4.4	71	6.2	5.6	4.7	86	.92	.078	12	195	1.04	372	121	41	.98	.079	46	3.8	.19	2.4	4.2	.21	5	3.5

Sample type: SOI, SS&O, FCC. Samples beginning "RE" are Reruns and "PRL" are Reject Reruns.



SAHPI #	Hg	Cu	Pb	Zn	Ag	NI	Co	Mn	Fe	As	U	Al	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	A	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
6-1	.1	2.3	2.0	46	<.1	3.8	4.4	544	2.09	<.5	2.9	<.5	4.3	72	<.1	<.1	1	41	.57	.072	9	7	.59	251	.146	2	1.1	.125	.55	<.1	<.01	2.3	.3	.06	5	<.5
L16900E 8600N	.5	16.7	4.5	49	<.1	23.1	8.9	236	2.20	2.4	.3	<.5	8	34	<.1	.2	1	56	22	.073	3	26	44	81	.096	2	2.10	.071	.05	<.1	.02	2.5	<.1	.06	5	<.5
L16900E 8575N	.6	21.5	4.7	73	<.1	27.8	14.0	513	3.20	3.5	.4	<.5	1.1	43	<.1	.3	.1	83	27	.087	4	36	.69	87	.126	3	2.24	.021	.05	<.1	.02	4.4	<.1	<.05	7	<.5
RE L16900E 8575N	.6	22.3	4.8	74	<.1	25.7	13.8	508	3.12	3.8	.3	<.5	1.1	42	.1	.2	.1	85	26	.085	4	36	.69	86	.121	3	2.12	.020	.05	<.1	.02	4.1	<.1	<.05	6	<.5
L16900F 8550N	.4	22.1	3.5	52	<.1	31.0	12.4	404	2.91	3.8	.5	<.5	1.1	64	.1	.4	.1	84	53	.051	9	33	.70	130	.102	3	2.02	.033	.05	.1	.02	5.3	<.1	<.05	5	<.5
L16900E 8525N	.7	23.7	4.4	52	<.1	24.6	11.5	560	2.66	6.0	.4	<.5	.7	50	<.1	.3	.1	76	26	.139	3	30	.49	169	.096	2	2.66	.019	.05	<.1	.04	2.9	<.1	.07	7	<.5
L16900E 8500N	.7	19.6	3.7	58	<.1	27.7	10.4	310	2.57	5.0	.3	<.5	.9	40	.1	.3	.1	71	29	.147	3	30	.43	115	.097	1	2.37	.028	.05	<.1	.02	2.9	.1	<.05	7	<.5
L16900F 8475N	.8	39.1	4.2	59	<.1	41.5	15.5	451	3.14	6.9	.5	<.5	1.3	79	.1	.4	.1	79	61	.067	13	39	1.13	96	.101	4	2.18	.030	.07	<.1	.03	7.9	<.1	<.05	5	<.5
L16900E 8450N	.5	30.4	4.1	73	<.1	38.4	16.7	443	3.41	2.6	.5	<.5	1.5	85	.1	.2	.1	73	63	.075	12	37	1.08	118	.032	4	2.06	.036	.09	<.1	.02	7.6	.1	<.05	6	<.5
L16900E 8425N	.6	39.0	4.3	56	<.1	38.6	14.8	369	2.91	3.3	.5	<.5	1.1	72	.1	.2	.1	77	50	.026	7	41	1.00	97	.127	4	1.79	.038	.06	<.1	.01	5.1	<.1	<.05	5	<.5
L16900F 8400N	.4	25.4	3.4	54	<.1	24.2	14.4	533	3.01	5.7	1.0	<.5	1.1	89	.1	.3	.1	87	65	.087	8	34	87	1.92	.097	3	1.44	.037	.06	.1	.03	4.5	<.1	<.05	4	<.5
L16950E 9600N	.3	22.7	5.5	92	<.1	39.4	12.9	607	2.77	2.9	.3	<.5	.9	47	.1	.2	.1	62	37	.126	2	35	55	162	.112	1	3.66	.021	.10	.1	.02	3.4	.1	<.05	8	<.5
L15950E 8975N	.7	15.5	5.8	78	<.1	25.0	9.0	773	1.91	2.5	.4	<.5	.9	36	.1	.1	.1	39	27	.185	3	21	.30	121	.092	1	2.49	.019	.07	<.1	.03	2.7	<.1	<.05	7	<.5
L15950E 8950N	.5	20.6	4.7	52	<.1	22.7	11.4	667	2.66	2.6	.3	<.5	.9	52	<.1	.3	.1	67	33	.126	3	31	.35	131	.123	1	2.19	.029	.05	<.1	.01	3.1	<.1	<.05	6	<.5
L16900F 8925N	.4	20.6	3.8	63	<.1	26.2	11.4	493	2.86	2.5	.4	<.5	1.2	64	<.1	.3	.1	72	39	.081	5	36	.52	152	.132	1	2.06	.035	.09	<.1	.01	5.5	<.1	<.05	5	<.5
L15950E 8900N	.5	23.9	3.8	56	<.1	26.0	13.0	442	2.80	4.3	.3	<.5	.8	71	.1	.5	.1	85	49	.044	4	34	.60	125	.123	2	1.73	.043	.04	<.1	.02	3.1	<.1	<.05	5	<.5
L15950E 8875N	.6	23.2	5.4	71	<.1	35.7	13.9	574	2.84	4.9	.3	<.5	.9	44	.1	.3	.1	65	37	.177	3	33	.55	177	.105	2	2.75	.021	.08	<.1	.05	3.5	.1	<.05	7	<.5
L16950F 8850N	.6	17.1	4.8	62	<.1	30.7	11.9	621	2.48	3.1	.3	<.5	.8	46	.1	.2	.1	63	29	.075	3	30	.49	160	.113	1	2.45	.021	.09	<.1	.03	2.7	.1	<.05	7	<.5
L16950E 8825N	2.4	63.9	5.1	97	<.1	26.1	18.9	310	5.10	27.4	5.48	1.4	29	1	3.2	.1	155	29	.084	9	26	35	343	.077	4	1.55	.012	.07	.1	.07	12.4	.1	<.05	5	<.5	
L16950E 8800N	3.9	117.9	2.1	59	<.1	12.1	32.5	1612	5.61	35.6	.7	16.8	4.1	13	.1	1.8	.1	137	.42	.122	19	8	20	180	.005	5	.67	.067	.07	.1	12	27.6	.1	.66	3	<.9
L16950E 8775N	3.4	37.3	2.9	63	<.1	11.1	6.9	708	7.17	47.4	.8	36.5	1.5	35	<.1	4.8	.1	105	.21	.016	3	10	30	702	.037	6	1.23	.007	.08	2.1	.05	19.2	.1	<.05	5	<.5
L16950F 8750N	1.6	23.9	2.5	94	<.1	8.1	22.7	1941	6.27	12.6	.6	4.2	2.9	23	<.1	3.2	.1	153	34	.033	13	7	.30	191	.033	2	1.46	.006	.16	<.1	.02	24.1	.2	<.05	5	<.5
L16950E 8725N	1.3	30.8	2.6	63	<.1	16.5	11.5	429	3.85	14.4	.5	<.5	1.0	40	<.1	1.1	.1	97	.33	.045	5	17	57	186	.105	1	1.69	.009	.10	<.1	.01	7.3	.1	<.05	6	<.5
L16950E 8700N	1.2	34.3	3.4	75	<.1	24.5	13.6	442	3.93	9.8	.5	1.4	1.4	44	.1	1.2	.1	118	.32	.031	4	30	.64	200	.145	2	1.55	.016	.12	<.1	.02	5.8	.1	<.05	6	<.5
L16950E 8675N	.7	19.8	3.7	81	<.1	21.1	10.6	471	2.84	5.8	.3	<.5	.9	32	.1	.9	.1	76	.25	.061	4	25	.40	161	.121	3	1.53	.015	.08	<.1	.02	4.0	.1	<.05	6	<.5
L16950E 8650N	.4	16.6	4.2	58	<.1	24.7	10.7	349	2.63	3.4	.3	<.5	.8	40	.1	.4	.1	79	.22	.053	2	27	.46	109	.125	2	2.09	.017	.09	.1	.02	2.8	<.1	<.05	6	<.5
L16950E 8625N	.4	18.4	4.0	62	<.1	23.3	11.0	439	2.57	4.6	.3	1.0	1.0	35	.1	.4	.1	63	.21	.097	4	24	.35	116	.108	1	2.15	.017	.06	<.1	.01	3.1	<.1	<.05	7	<.5
L16950E 8600N	.7	14.7	4.7	88	<.1	22.2	10.5	525	2.40	3.5	.2	<.5	.7	29	.1	.3	.1	57	.18	.117	3	26	.37	79	.102	1	1.98	.019	.05	<.1	.03	2.8	<.1	<.05	6	<.5
L16950E 8575N	2	19.9	4.0	51	<.1	27.4	10.7	230	2.51	3.0	.5	<.5	.9	57	<.1	.2	<.1	65	.44	.036	6	31	.67	113	.133	1	1.85	.031	.05	<.1	.01	4.2	.1	<.05	5	<.5
L16950E 8550N	4	18.3	4.0	61	<.1	31.4	11.9	356	2.55	3.0	.3	<.5	.9	41	.1	.2	.1	65	.26	.109	3	32	.47	102	.111	1	2.52	.019	.09	<.1	.02	3.3	<.1	<.05	7	<.5
L16950E 8525N	.5	19.0	3.6	49	<.1	23.7	10.9	533	2.57	3.9	.3	<.5	.7	53	.1	.3	.1	69	.27	.055	3	30	.58	87	.113	1	1.99	.019	.06	<.1	.02	3.0	<.1	<.05	5	<.5
L16950F 8500N	.6	23.0	3.6	49	<.1	24.9	11.7	290	2.65	4.3	.3	<.5	.6	62	<.1	.3	<.1	77	.38	.065	3	30	.67	91	.106	2	1.77	.027	.05	<.1	.02	3.5	<.1	<.05	5	<.5
L16950E 8475N	3	22.9	2.9	45	<.1	27.5	11.3	300	2.52	4.1	.4	<.5	1.0	76	<.1	.2	<.1	72	.40	.070	4	35	.71	131	.102	1	1.79	.030	.06	<.1	.01	3.8	<.1	<.05	5	<.5
L16950E 8450N	.8	21.6	4.9	83	<.1	28.7	12.6	356	2.97	3.0	.4	<.5	1.1	52	.1	.2	.1	75	.34	.112	5	30	.63	160	.105	2	2.21	.019	.09	<.1	.02	4.3	<.1	<.05	5	<.5
L16950E 8425N	.5	43.1	4.4	66	<.1	34.6	12.7	452	2.30	2.0	.0	.7	.9	61	.1	.1	.1	53	.58	.032	11	32	.70	86	.083	1	1.82	.027	.05	<.1	.02	5.4	<.1	<.05	5	<.5
STANDARD JS7	19.8	104.3	66.8	407	.8	54.7	9.5</																													



SAMPLE#	As	U	Au	Ag	Al	Ca	Co	Cu	Fe	Mn	Ni	Pb	P	S	Zn	Cr	Hg	Mo	Se	Te	V	W	Xf	Y	Zr	Bi	Br	B	C	Cl	F	I	K	Li	Mg	Na	Sc	Ti	V	Y	Zr		
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
G-1	2	2.3	3.4	45	<1	3.5	4.4	542	1.94	<5	2.8	<5	4.3	80	<1	<1	.1	43	.59	.076	9	7	62	226	151	<1	1.11	119	.59	.1	<.01	2.4	.4	<.05	5	<.5							
L17030E 8400N	5	43.7	4.4	70	<1	33.1	13.5	376	2.52	2.7	.4	<.5	.9	62	.1	.2	<.1	67	.51	.045	12	37	98	83	.085	2	1.86	.023	.06	.1	.01	4.7	<.1	<.05	6	<.5							
L17030E 8900N	1.0	28.1	5.4	51	<1	29.1	13.4	627	2.94	6.9	.5	3.9	1.1	107	.1	.5	.1	60	86	.032	11	32	50	151	101	4	1.09	.050	.12	.1	.05	7.9	.1	<.05	5	<.5							
L17030E 8975N	4	18.1	5.3	60	<1	26.8	10.7	331	2.51	2.9	.3	<.5	.8	94	<.1	.2	.1	64	26	.065	3	30	48	142	124	2	2.19	.030	.08	<.1	.02	2.9	<.1	<.05	6	<.5							
L17030E 8950N	3	19.0	5.0	39	<1	26.4	7.4	224	2.38	2.3	1.5	<.5	1.0	94	.1	.2	.1	54	.64	.026	10	32	60	117	107	5	1.98	.047	.05	<.1	.02	4.9	<.1	<.05	5	<.5							
L17030E 8025N	3	22.6	3.6	49	<1	25.9	11.1	365	2.79	3.1	.4	.6	1.3	77	<.1	.2	<.1	78	.39	.078	5	36	50	111	108	2	1.95	.034	.07	<.1	.01	5.6	<.1	<.05	6	<.5							
L17030E 8900N	3	37.6	3.8	91	<1	32.7	16.4	782	3.40	8.2	.7	3.2	1.3	80	.1	.8	<.1	89	.70	.073	11	34	32	150	.096	4	2.04	.044	.08	.1	.04	8.1	.1	<.05	6	<.5							
L17030E 8875N	5	19.5	4.5	66	<1	40.5	15.5	450	3.65	8.6	.6	6.9	1.8	81	.1	.5	.1	101	.62	.077	11	42	1.34	346	.129	2	2.83	.038	.10	<.1	.04	13.8	<.1	<.05	7	<.5							
L17030E 8850N	4	25.1	6.0	200	<1	32.7	12.6	1212	2.70	4.1	.4	<.5	1.0	30	?	4	1	60	.26	.165	4	28	.45	323	.107	2	2.91	.010	.08	<.1	.02	3.6	.1	<.05	8	<.5							
L17030E 8825N	5	16.6	6.0	141	<1	26.1	9.6	555	2.58	3.3	.3	<.5	.9	30	.1	.4	1	64	.24	.058	3	27	.46	330	.136	1	2.26	.018	.07	<.1	.02	2.7	<.1	<.05	7	<.5							
L17030E 8800N	6	7.4	4.5	106	<1	10.4	5.9	635	3.18	13.3	.4	.5	1.1	14	.1	1.8	.1	64	.14	.124	5	11	.18	223	.059	4	1.44	.012	.05	.1	.02	2.7	.1	<.05	6	<.5							
L17030E 8775N	5	23.7	4.9	119	<1	32.3	11.7	542	3.26	5.4	.5	<.5	1.3	41	.1	.5	1	84	.32	.075	5	33	.50	259	.130	<1	2.66	.015	.11	<.1	.02	4.4	.1	<.05	8	<.5							
L17030E 8750N	5	13.6	5.1	154	<1	19.0	9.2	1057	3.13	6.0	.4	<.5	.9	35	.1	.9	1	66	.35	.074	5	20	.37	210	.103	3	1.73	.013	.12	.1	.03	2.5	.1	<.05	7	<.5							
L17030E 8725N	4	20.0	5.1	71	<1	21.4	10.8	452	3.09	3.0	.3	<.5	.9	49	.1	.4	1	82	.28	.030	2	31	.51	139	.171	<1	1.70	.022	.09	<.1	.02	3.1	<.1	<.05	6	<.5							
L17030E 8700N	8	12.7	6.8	180	<1	15.0	10.1	2269	3.19	12.0	.3	3.9	1.4	17	.1	.2	.8	1	71	.18	.172	5	16	.24	195	.070	4	1.77	.010	.09	.1	.04	3.5	.1	<.05	8	<.5						
L17030E 8575N	5	25.3	4.5	74	<1	30.0	12.6	512	3.79	4.1	.4	<.5	1.2	55	<.1	.6	.1	101	.32	.035	4	35	.68	146	.165	<1	2.23	.019	.10	<.1	.01	3.8	.1	<.05	7	<.5							
L17030E 8550N	4	20.4	4.0	86	<1	23.1	12.1	551	2.83	3.8	.3	<.5	.9	42	.1	.9	.1	67	.27	.114	3	24	.61	152	.131	1	2.42	.013	.06	<.1	.02	3.2	<.1	<.05	8	<.5							
L17030E 8525N	7	17.5	5.8	81	<1	24.8	11.1	966	2.65	3.5	.3	1.1	.9	43	.1	.4	.1	64	.40	.111	4	25	.48	139	.138	1	2.26	.015	.10	<.1	.04	3.0	<.1	<.05	7	<.5							
L17030E 8500N	7	24.9	5.2	70	<1	33.1	14.5	407	3.37	3.7	3	<.5	.9	44	.1	.4	.1	06	74	.081	3	33	.64	125	.139	<1	2.76	.016	.08	<.1	.03	3.2	<.1	<.05	8	<.5							
L17030E 8475N	4	20.0	4.5	58	<1	23.0	11.9	381	3.63	3.1	.5	.5	1.0	57	<.1	.3	.1	83	.46	.030	6	36	.75	95	.162	<1	2.00	.030	.05	<.1	.01	4.3	<.1	<.05	6	<.5							
L17030E 8550N	3	16.1	3.8	38	<1	22.2	9.9	266	2.40	2.1	4	.5	1.0	59	<.1	.2	<.1	67	.38	.027	4	32	.65	117	.128	<1	1.77	.038	.04	<.1	.01	3.4	<.1	<.05	5	<.5							
L17030E 8525N	5	26.6	4.7	40	<1	33.0	12.0	751	2.45	3.7	7	.7	1.0	85	.1	.2	<.1	64	.65	.057	15	30	.72	115	.091	<1	1.97	.032	.06	<.1	.03	6.2	.1	<.05	5	<.5							
L17030E 8500N	5	17.9	4.2	55	<1	29.4	10.8	255	2.45	4.0	4	<.5	1.0	37	.1	.2	.1	60	.23	.108	4	29	.51	132	.100	<1	2.54	.020	.07	.1	.02	2.9	<.1	<.05	7	<.5							
L17030E 8475N	7	41.1	4.0	62	<1	41.4	20.6	952	3.11	7.9	5	1.6	1.2	91	.1	.3	<.1	82	.79	.096	12	39	1.15	115	.040	3	1.80	.035	.11	<.1	.04	7.3	<.1	<.05	6	<.5							
L17030E 8450N	7	38.8	4.0	64	<1	44.9	19.6	726	3.60	5.2	.6	1.0	1.6	92	.1	.3	<.1	92	.76	.089	12	41	1.26	121	.102	3	2.07	.041	.12	<.1	.02	3.3	.1	<.05	6	<.5							
L17030E 8425N	1.0	38.6	4.3	57	<1	43.3	24.3	812	3.33	4.4	7	.9	1.5	74	.1	.2	<.1	89	.55	.069	11	42	1.10	121	.121	2	2.27	.033	.07	<.1	.02	7.0	.1	<.05	6	<.5							
L17030E 8400N	7	44.8	4.9	63	<1	39.4	18.2	524	3.12	4.1	.6	.5	1.4	67	.1	.2	.1	77	.56	.052	9	41	.99	99	.116	1	2.16	.025	.07	<.1	.02	5.2	.1	<.05	6	<.5							
L17050E 9000N	4	19.6	4.7	81	<1	39.6	12.4	278	3.10	4.1	.4	<.5	1.1	53	.1	.3	.1	68	.41	.139	3	41	.63	139	.115	<1	3.29	.028	.13	<.1	.03	5.1	.1	<.05	6	<.5							
L17050E 8975N	8.0	25.1	5.0	90	.1	38.7	15.7	455	3.65	16.6	.4	.8	.9	45	.1	.6	.1	86	.30	.131	4	33	.45	305	.108	<1	3.20	.017	.12	<.1	.03	4.6	1.2	<.05	8	<.5							
RE L17050E 8975N	8.7	24.5	5.1	87	.1	38.1	15.0	468	3.53	16.0	.4	1.3	.9	45	.1	.6	.1	86	.29	.125	3	33	.45	299	.109	<1	2.94	.017	.12	<.1	.03	3.8	1.1	<.05	8	<.5							
L17050E 8950N	5	15.9	5.0	76	<1	25.5	10.3	674	2.40	5.5	.3	<.5	.8	59	.1	.6	.1	57	.45	.107	4	26	.42	236	.098	<1	2.21	.022	.09	<.1	.02	3.6	.1	<.05	6	<.5							
L17050E 8925N	4	17.4	4.0	51	<1	27.2	9.0	295	2.71	3.2	.9	<.5	1.0	89	.1	.3	.1	67	.58	.027	8	31	.55	94	.121	2	1.96	.045	.06	<.1	.03	4.8	<.1	<.05	5	<.5							
L17050E 8900N	4	19.3	4.6	66	<1	31.2	11.2	463	3.16	5.0	7	<.5	1.1	65	<.1	.2	.1	77	.55	.036	8	37	.65	107	.122	2	2.37	.040	.08	<.1	.02	5.9	<.1	<.05	6	<.5							
L17050E 8875N	6	21.8	4.4	86	<1	29.8	11.1	394	3.08	7.2	.5	1.1	1.2	55	.1	.9	.1	82	.37	.054	8	35	.46	246	.134	<1	2.11	.026	.11	<.1	.01	5.0	.1	<.05	6	<.5							
L17050E 8850N	8	26.0	4.1	59	<1	23.0	12.1	587	3.06	6.6	.5	2.3	1.0	101	.1	.5	<.1	82	.66	.089	11	53	.67	172	.117	2	1.85	.034	.10														



SAMPLE#	Mg	Ca	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	TP	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hq	Ba	Ti	B	A'	Na	K	W	Hg	Sc	Tl	S	Sa	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
G 1	2	2.0	4.5	51	<1	3.9	4.4	583	2.10	<5	2.9	8	4.5	85	<1	<1	1	44	68	076	9	7	60	236	158	1	1.18	133	.58	1	<.01	2.5	.4	<.05	5	<.5
L17050E 8825N	.4	22.9	4.4	78	<1	27.5	13.8	358	3.23	8.0	.5	2.1	1.3	49	1	.5	.1	69	.27	.067	7	32	.55	164	.097	2	2.55	.024	.10	<.1	.02	5.6	.1	<.05	7	<.5
L17050E 8800W	.4	24.1	5.0	117	<1	38.1	13.3	347	3.17	4.0	.4	.5	1.2	54	1	.3	.1	79	.43	.077	4	36	.57	252	.138	2	3.11	.027	.09	<.1	.02	3.9	<.1	<.05	9	<.5
L17050E 8775W	1.1	23.9	3.0	78	<1	5.4	13.1	1665	4.79	16.6	.5	7.2	4.8	11	1	1.3	<.1	06	.27	.096	25	5	.14	114	.015	1	.58	.009	.06	<.1	.03	14.2	.1	<.05	3	<.5
L17050E 8750W	.4	23.0	5.3	90	<1	27.5	13.1	535	3.20	3.3	.3	1.2	1.0	54	1	.4	1	85	.31	.070	4	35	.57	137	.157	1	2.43	.027	.07	<.1	.02	3.6	<.1	<.05	7	<.5
L17050E 8725W	.7	32.2	4.2	54	<1	34.3	15.8	824	3.37	7.4	.7	1.9	1.4	83	1	.4	<.1	83	.68	.064	14	39	.95	133	.108	4	2.21	.037	.08	<.1	.04	8.2	.1	<.05	7	<.5
L17050E 8700W	.8	35.5	3.6	60	<1	30.5	16.0	612	3.46	13.4	.5	3.1	1.4	75	<.1	.5	<.1	101	.53	.047	9	39	.97	119	.133	2	2.31	.034	.06	<.1	.03	7.4	.1	<.05	6	<.5
L17050E 8675W	1.1	50.7	4.2	65	<1	35.2	19.4	612	3.84	22.7	.7	6.8	1.3	76	<.1	.7	<.1	105	.56	.044	9	39	1.16	126	.132	2	2.67	.029	.06	<.1	.04	7.8	.1	<.05	8	<.5
L17050E 8650W	.8	50.0	4.2	52	<1	33.3	21.4	559	3.54	14.5	.7	4.6	1.2	72	<.1	.6	<.1	95	.58	.045	9	36	1.18	119	.126	1	2.60	.030	.05	<.1	.03	7.7	.1	<.05	7	<.5
L17050E 8625W	1.0	74.4	3.4	56	<1	40.2	20.2	555	4.25	19.9	.8	5.1	1.6	79	<.1	.6	<.1	110	.58	.035	10	38	1.29	144	.138	1	3.01	.027	.05	<.1	.03	9.5	.1	<.05	9	.5
L17050E 8600W	.8	70.2	2.8	54	<1	23.4	23.9	646	4.64	35.6	.6	7.7	1.6	73	<.1	.8	<.1	127	.62	.049	8	35	1.55	113	.135	1	3.01	.015	.06	.1	.02	9.1	.1	<.05	5	<.5
L17050E 8575W	.7	45.4	3.2	52	<1	31.3	15.2	494	3.83	12.5	.5	4.5	1.6	57	<.1	.6	1	99	.71	.061	12	38	1.12	148	.134	1	2.15	.037	.06	<.1	.02	8.2	.1	<.05	7	<.5
L17050E 8550W	.4	27.7	4.5	57	<1	27.4	15.3	533	3.06	4.7	.5	1.0	1.2	75	.1	.3	.1	89	.59	.042	8	36	.87	136	.154	2	1.98	.033	.06	<.1	.01	4.9	<.1	<.05	6	<.5
L17050E 8525W	.5	33.4	4.1	57	<1	38.0	15.5	455	3.65	5.1	.7	1.3	1.8	93	<.1	.3	<.1	91	.61	.068	11	44	1.12	124	.141	3	2.27	.043	.06	<.1	.01	7.5	.1	<.05	7	<.5
L17050E 8500W	.3	24.8	4.8	89	<1	26.2	12.4	347	3.05	3.7	.5	.6	1.3	64	<.1	.2	.1	79	.42	.086	8	37	.79	126	.146	2	2.38	.028	.06	<.1	.02	5.4	<.1	<.05	7	<.5
L17050E 8475W	.6	22.9	4.6	72	<1	35.5	15.2	475	3.05	2.7	.4	<.5	.9	40	<.1	.1	.1	72	.24	.132	5	35	.62	99	.119	1	3.04	.023	.07	<.1	.03	3.7	<.1	<.05	8	<.5
L17050E 8450W	.7	29.2	4.1	59	<1	34.5	16.0	493	3.31	3.1	.4	.7	1.2	75	.1	.2	.1	92	.42	.061	5	41	.84	113	.131	2	2.43	.029	.08	<.1	.03	4.6	<.1	<.05	6	<.5
L17050E 8425W	.5	34.7	3.8	59	<1	35.4	15.6	431	3.34	3.2	.6	.9	1.5	82	.1	.2	<.1	91	.57	.046	8	43	1.04	122	.133	3	2.07	.047	.08	<.1	.01	6.5	<.1	<.05	6	<.5
L17050E 8400W	.5	32.8	4.2	54	<1	34.2	13.9	359	2.95	2.7	.4	<.5	.9	66	<.1	.2	.1	76	.48	.056	6	40	.69	94	.116	2	2.03	.033	.07	<.1	.01	4.4	<.1	<.05	6	<.5
RF L17050E 8400W	.5	33.1	4.2	54	<1	34.8	14.2	361	2.96	2.4	.4	<.5	.9	65	.1	.2	<.1	77	.49	.049	6	40	.85	97	.121	3	2.02	.034	.07	<.1	.01	4.4	<.1	<.05	6	<.5
L17100E 9000W	.4	29.0	4.2	70	<1	44.1	16.2	567	5.78	4.9	.5	<.5	1.4	80	.1	.2	<.1	94	.61	.092	11	47	.96	122	.127	3	2.69	.047	.10	<.1	.02	3.9	.1	<.05	7	<.5
L17100E 8975W	1.0	20.8	5.7	126	<1	29.7	19.2	1365	5.33	27.5	.5	1.0	.9	40	.2	1.2	.1	140	.35	.064	11	19	.29	161	.053	5	1.32	.017	.12	<.1	.02	13.0	.2	<.05	5	<.5
L17100E 8950W	.5	31.8	5.6	80	<1	29.9	13.9	595	3.98	9.4	.5	.6	1.7	66	.1	.4	.1	114	.42	.040	9	43	.57	127	.169	3	2.32	.031	.09	<.1	.01	9.6	.1	<.05	6	<.5
L17100E 8925W	.4	23.3	5.0	74	<1	29.5	11.0	355	3.15	3.6	.4	<.5	1.2	69	.1	.3	.1	87	.47	.061	8	40	.62	112	.161	1	2.33	.040	.10	<.1	.01	5.6	<.1	<.05	6	<.5
L17100E 8900W	.6	30.5	4.6	60	<1	44.9	16.1	824	3.59	5.4	1.0	1.3	1.0	107	<.1	.3	.1	100	.70	.060	13	43	.97	133	.140	3	2.35	.060	.09	.1	.02	9.0	.1	<.05	6	<.5
L17100E 8875W	.4	25.5	4.2	66	<1	32.9	15.8	486	3.74	6.3	.5	9.6	1.5	91	.1	.7	.1	114	.48	.058	8	46	.74	156	.174	1	2.36	.040	.09	<.1	.02	7.5	.1	<.05	6	<.5
L17100E 8850W	1.0	55.3	3.8	85	<1	7.9	19.2	1364	6.92	35.3	.7	12.1	2.3	27	.1	2.9	.1	148	.45	.167	16	8	.45	148	.119	15	1.98	.010	.42	.1	.20	17.7	.4	<.05	9	.5
L17100E 8825W	.6	23.6	4.6	55	<1	26.8	15.5	606	4.31	14.2	.6	2.5	1.8	75	.1	6.4	.1	110	.50	.069	9	31	.61	147	.115	6	1.47	.042	.10	.1	.01	10.4	.1	<.05	5	<.5
L17100E 8800W	.8	31.2	5.4	95	<1	23.9	23.2	1332	5.97	36.2	.7	2.2	1.9	41	.1	3.6	.1	169	.43	.094	13	29	.42	153	.093	9	1.48	.016	.13	.1	.03	17.7	.1	<.05	6	<.5
L17100E 8775W	.8	35.1	5.0	89	<1	24.7	23.3	1161	5.75	33.8	.6	8.1	1.6	49	.1	3.3	<.1	167	.47	.087	13	26	.45	128	.093	9	1.34	.022	.12	.1	.03	16.7	.1	<.05	6	<.5
L17100E 8750W	.6	33.2	4.6	85	<1	27.2	23.5	1126	5.84	34.9	.6	2.3	1.8	55	.1	2.9	<.1	172	.45	.095	13	30	.52	147	.162	9	1.47	.025	.13	.1	.02	17.7	.1	<.05	6	<.5
L17100E 8725W	1.0	40.6	4.3	64	<1	58.7	17.4	570	3.88	8.7	.7	2.2	1.7	97	<.1	.5	.1	195	.61	.054	12	45	1.69	146	.150	4	2.54	.033	.99	<.1	.03	9.4	.1	<.05	7	<.5
L17100E 8700W	.4	22.4	4.3	69	<.1	34.5	13.2	446	3.13	3.0	.4	<.5	1.1	81	<.1	.1	.1	95	.42	.076	6	40	.74	150	.133	<.1	2.58	.030	.08	<.1	.02	4.6	<.1	<.05	7	<.5
L17100E 8675W	.5	24.3	5.8	103	<.1	34.3	15.8	774	3.35	7.5	.4	<.5	1.1	41	<.1	.2	.1	73	.30	.168	4	33	.71	175	.125	<.1	3.50	.016	.98	<.1	.03	3.8	.1	<.05	10	<.5
L17100E 8650W	.6	22.8	6.1	67	<.1	33.8	14.3	343	3.12	3.5	.4	<.5	.8	50	.1	.3	.1	73	.34	.059	5	33	.64	105	.133	<.1	2.85	.019	.06	<.1	.02	3.4	<.1	<.05	8	



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Mn	Co	Ni	Fe	As	U	Au	Th	Sr	Ca	Sb	Bi	V	Co	P	Lu	Cr	Mg	Ba	Li	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm		
17100E 8625N	2	2.4	3.5	45	<1	2.9	3.9	495	1.94	<5	3.0	5	4.3	77	<1	<1	.1	42	.62	.073	9	7	.52	199	144	<1	.99	.123	.49	<1	<.01	2.4	.3	<.05	4	<5	
17100E 8600N	5	26.8	5.5	78	<1	30.7	14.3	307	3.19	4.6	.3	5	.7	45	<1	3	.1	87	.31	.076	3	33	67	133	141	<1	2.56	.319	.37	<1	.02	2.4	.1	<.05	8	<5	
17100E 8575N	5	24.5	5.5	78	<1	32.2	15.4	487	3.64	4.7	.3	<5	.9	56	1	3	1	98	.35	.073	4	36	70	131	150	<1	2.55	.319	.35	<1	.02	3.5	.1	<.05	8	<5	
17100E 8550N	6	23.6	5.9	79	<1	30.0	15.5	542	3.25	5.3	.3	<5	.8	33	1	4	.1	85	.23	.102	3	32	65	101	138	<1	2.58	.315	.08	<1	.03	3.3	.1	<.05	8	<5	
RE 17100E 8550N	5	39.5	5.8	52	<1	25.4	10.8	402	2.66	2.6	.7	1.2	1.5	50	<1	3	.1	68	.38	.028	13	34	66	110	145	1	2.35	.024	.05	<1	.02	5.8	.1	<.05	7	<5	
17100E 8525N	7	36.4	4.2	68	<1	37.3	16.5	367	3.76	6.7	.4	.5	1.2	55	1	3	.1	107	.39	.070	4	39	91	165	147	<1	2.57	.017	.07	<1	.02	4.1	<1	<.05	0	<5	
17100E 8500N	5	21.2	5.0	74	<1	29.4	11.4	263	2.46	2.1	.3	.7	.8	42	<1	3	.1	62	.32	.078	4	27	50	91	115	<1	2.04	.022	.06	<1	.02	2.8	<1	<.05	6	<5	
17100E 8475N	4	25.5	5.1	66	<1	30.6	12.8	295	2.52	1.0	6	7	1.1	59	1	2	.1	69	.41	.066	13	32	68	79	134	<1	2.01	.033	.05	<1	.01	4.4	<1	<.05	6	<5	
17100E 8450N	6	23.5	4.5	71	<1	33.6	14.5	407	3.17	1.9	.5	.7	1.3	72	1	1	.1	62	.42	.069	6	38	88	99	148	1	2.21	.033	.07	<1	.02	4.0	.1	<.05	6	<5	
17100E 8425N	6	21.1	5.3	70	<1	29.4	11.1	413	2.47	1.8	.5	.7	1.0	63	1	3	.1	68	.53	.038	5	36	67	129	126	<1	2.01	.033	.06	<1	.02	4.0	<1	<.05	6	<5	
17100E 8400N	9	26.8	4.6	96	<1	40.1	17.1	453	3.24	3.2	4	6	1.1	43	1	2	.1	76	.28	.180	4	37	72	118	116	<1	2.72	.021	.09	<1	.02	3.8	<1	<.05	8	<5	
17150E 8000N	4	26.9	4.9	71	<1	40.3	14.4	498	3.31	1.1	.8	.9	1.6	99	1	1	<1	73	.63	.054	10	42	87	123	152	2	2.17	.051	.13	<1	.02	8.1	.1	<.05	6	<5	
17150E 8975N	3	31.8	5.1	57	<1	53.3	13.2	437	3.91	1.1	.9	.9	1.7	94	1	1	.1	83	.51	.058	12	51	1.47	111	185	3	2.43	.043	.13	<1	.01	8.9	.1	<.05	7	<5	
17150E 8950N	5	23.9	5.0	86	<1	32.3	13.0	550	3.31	5.7	.5	<5	1.3	68	1	2	.1	87	.42	.097	7	39	69	151	138	3	2.10	.030	.12	<1	.02	5.2	<1	<.05	6	<5	
17150E 8925N	6	24.2	5.2	69	<1	34.7	14.9	550	3.55	3.8	6	.6	1.6	77	1	2	.1	80	.52	.063	9	43	79	110	150	1	2.10	.037	.11	<1	.02	6.1	<1	<.05	6	<5	
17150E 8900N	5	18.3	4.9	78	<1	28.4	19.9	435	2.77	2.7	.3	.6	1.0	59	<1	2	.1	65	.37	.116	4	32	51	116	124	2	2.18	.027	.08	<1	.02	3.6	<1	<.05	6	<5	
17150E 8875N	4	23.4	5.4	62	<1	29.4	12.7	554	2.55	3.6	.6	.5	1.2	88	<1	3	1	70	.57	.037	11	35	62	104	123	2	2.05	.045	.07	<1	.01	6.3	.1	<.05	6	<5	
17150E 8850N	4	11.1	6.5	111	<1	14.5	8.6	737	2.52	4.7	4	<5	.6	55	1	1	.8	1	43	.31	.074	2	19	25	140	0.98	1	1.48	.020	.02	<1	.02	2.4	.1	<.05	5	<5
17150E 8825N	4	20.2	5.2	81	<1	33.3	19.5	294	2.75	3.8	.4	<5	.9	45	<1	3	1	66	.29	.147	3	37	45	174	126	1	2.79	.023	.11	<1	.01	3.5	<1	<.05	7	<5	
17150E 8800N	4	26.1	4.3	89	<1	25.9	11.2	208	3.59	5.2	.4	<5	1.4	35	<1	1.5	1	98	.26	.029	4	35	38	239	134	1	2.21	.019	.11	<1	.01	4.9	<1	<.05	0	<5	
17150E 8775N	5	28.6	6.2	79	<1	27.9	11.2	576	2.43	3.1	.3	<5	.7	55	1	3	1	54	.42	.055	11	27	42	139	130	2	2.33	.027	.09	<1	.03	3.3	.1	<.05	7	<5	
17150E 8750N	3	24.6	3.8	59	<1	26.0	12.5	381	3.26	3.5	.4	<5	1.3	84	<1	3	<1	102	.40	.020	5	39	73	152	151	2	2.16	.039	.07	<1	.02	5.0	.1	<.05	6	<5	
17150E 8725N	4	23.9	4.4	52	<1	31.8	14.0	425	3.44	2.3	.5	<5	1.4	72	<1	1	<1	96	.40	.040	5	44	76	151	143	2	2.55	.024	.08	<1	.01	4.5	<1	<.05	7	<5	
17150E 8700N	4	23.1	4.3	58	<1	25.8	14.0	453	3.05	2.8	.4	<5	1.1	75	<1	2	.1	79	.44	.072	6	34	76	106	136	3	1.00	.035	.06	<1	.02	5.3	.1	<.05	6	<5	
17150E 8675N	4	22.1	6.4	60	<1	22.2	9.7	447	2.20	2.1	.3	1.0	.5	35	1	2	.1	62	.27	.072	5	29	44	99	110	1	1.92	.020	.07	<1	.04	2.5	<1	<.05	6	<5	
17150E 8650N	5	22.0	4.7	59	<1	27.0	13.3	442	2.99	2.9	.3	.5	.7	43	1	3	.1	64	.23	.038	3	34	60	121	129	1	2.47	.021	.06	<1	.02	2.7	<1	<.05	7	<5	
17150E 8625N	7	27.8	5.5	51	<1	40.5	15.0	278	2.19	3.8	.4	.7	.9	27	1	2	.1	62	.19	.117	3	36	54	113	699	2	3.02	.018	.07	<1	.03	2.9	<1	<.05	8	<5	
17150E 8600N	7	26.2	5.4	76	<1	33.4	14.9	529	3.16	2.8	.5	<5	1.2	50	1	2	.1	78	.30	.075	6	38	61	150	141	2	3.11	.029	.07	<1	.02	4.1	.1	<.05	8	<5	
17150E 8575N	6	36.5	5.2	83	<1	38.8	17.1	575	3.76	3.8	.4	1.1	1.2	60	1	4	.1	98	.35	.053	6	45	80	160	163	2	3.97	.016	.07	<1	.01	4.7	<1	<.05	8	<5	
17150E 8550N	9	41.3	5.3	81	<1	48.2	18.0	535	3.34	3.2	.4	.5	.9	36	1	3	.1	81	.27	.079	3	37	71	129	149	3	3.90	.016	.08	<1	.02	3.5	<1	<.05	9	<5	
17150E 8525N	7	27.1	7.4	69	<1	27.6	12.5	755	2.61	2.3	.4	<5	.7	54	1	4	.1	65	.30	.054	5	31	64	139	134	2	1.97	.021	.07	<1	.03	3.4	<1	<.05	6	<5	
17150E 8500N	3	20.1	5.0	101	<1	25.9	11.0	533	2.40	1.1	.3	<5	.7	52	<1	1	.1	54	.31	.103	4	31	53	98	125	2	2.10	.025	.04	<1	.02	3.0	<1	<.05	7	<5	
17150E 8475N	8	27.4	6.0	89	<1	40.6	21.0	1739	2.77	3.4	.9	<5	1.1	81	2	2	1	71	.63	.055	9	43	97	135	0.95	2	2.56	.032	.37	<1	.05	6.9	.1	<.05	7	<5	
17150E 8450N	6	26.2	4.2	57	<1	35.7	14.5	416	3.45	2.6	.4	<5	1.0	63	1	1	.1	91	.39	.086	3	40	77	184	134	2	2.88	.027	.39	<1	.02	3.7	<1	<.05	7	<5	
STANDARD D57	20.6	105.7	68.5	409	.8	55.2	9.7	609	2.39	41.5	4.9	53.7	4.6	72	5.9	5.4	4.4	87	52	.075	13	181	1.93	369	124	38	.96	.077	.44	3.7	.20	2.5	4.2	.20	5	3.4	

Sample type: SOIL SSED GRC Samples beginning 'RE' are Rejects and 'RRE'



SAMPLE#	Mn	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	TH	Sr	Cd	Sb	Bi	V	Cu	P	Lu	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Mg	Sc	Tl	S	Ga	Se	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
G-1	.2	2.3	3.7	45	<.1	3.2	4.0	514	1.95	<.5	2.8	.5	4.4	79	<.1	<.1	1	42	.62	.076	10	8	.53	206	.143	<1	1.02	.130	.49	.1	<.01	2.3	.3	<.05	5	<.5	
L17150E 8425N	.9	21.3	8.1	49	<.1	25.8	11.6	643	2.15	2.1	3	.5	.5	83	.1	.2	1	59	.68	.068	7	25	.50	92	.074	3	1.62	.018	.08	<.1	.10	4.9	<.1	<.05	4	<.5	
L17150E 8430R	.8	19.7	5.9	59	<.1	26.4	11.0	207	2.52	3.4	3	<.5	8	33	.1	1	1	61	.21	.159	3	20	.43	90	.094	1	2.33	.015	.06	<.1	.02	2.9	<.1	<.05	7	<.5	
L17200E 8900N	.4	9.7	4.2	89	<.1	32.3	12.2	697	2.42	.6	2	.5	.5	43	<.1	<.1	<.1	51	.32	.104	2	40	.45	82	.132	1	2.17	.037	.04	<.1	.02	2.1	<.1	<.05	5	<.5	
L17200E 8975N	.6	17.2	4.3	67	<.1	31.6	27.0	439	4.75	7	.6	1.3	1.8	101	.1	.1	<.1	80	.75	.059	10	66	2.29	69	.117	2	2.14	.060	.04	<.1	.01	7.1	<.1	<.05	5	<.5	
L17200E 8950R	.4	21.2	3.3	54	<.1	46.3	15.2	362	3.56	9	3	<.5	.7	67	<.1	<.1	.1	74	.41	.091	3	50	.94	76	.151	3	2.45	.042	.06	<.1	.01	3.5	<.1	<.05	6	<.5	
L17200E 8975N	.3	19.2	5.0	46	<.1	16.8	7.4	627	1.87	.5	2	<.5	.6	35	.1	<.1	.1	38	.18	.073	2	22	.28	78	.124	1	1.41	.025	.06	<.1	.01	2.1	<.1	<.05	4	<.5	
L17200E 8900N	.7	26.5	3.5	48	<.1	66.0	17.4	265	3.48	1.6	.4	<.5	1.0	75	<.1	.1	<.1	81	.51	.131	8	75	.93	53	.116	1	2.39	.055	.06	.1	.01	2.5	<.1	<.05	6	<.5	
L17200E 8875N	.3	9.0	4.1	57	<.1	23.2	7.6	382	1.66	.6	2	<.5	.5	37	.1	<.1	<.1	37	.22	.096	2	28	.26	73	.084	1	1.69	.023	.04	<.1	.02	1.7	<.1	<.05	4	<.5	
L17200E 8850N	.3	28.5	5.2	59	<.1	39.0	14.2	389	2.56	1.2	.4	.6	1.4	85	.1	.1	.1	87	.48	.073	5	41	.80	96	.164	2	2.31	.034	.11	<.1	.01	5.9	<.1	<.05	5	<.5	
L17200E 8825W	.3	17.6	5.7	74	<.1	11.9	10.1	124	2.50	2.2	.3	<.5	.9	54	.1	.1	.1	60	.32	.130	4	31	.44	126	.115	2	2.41	.029	.09	<.1	.02	3.5	<.1	<.05	7	<.5	
L17200E 8820W	.4	19.7	6.0	68	<.1	30.1	10.7	224	2.66	2.5	.4	.6	.9	83	.1	.1	.1	67	.39	.062	7	31	.54	140	.123	2	2.42	.029	.06	<.1	.02	3.5	<.1	<.05	7	<.5	
L17200E 8775N	.2	22.7	4.9	87	<.1	31.2	12.1	369	2.82	1.8	.5	.7	1.5	60	.1	.1	.1	75	.38	.036	9	37	.70	129	.134	1	2.31	.025	.07	<.1	.01	5.7	.1	<.05	7	<.5	
L17200E 8750W	.3	17.9	6.3	59	<.1	23.1	10.9	359	2.88	1.4	.7	.6	1.4	82	.1	.1	.1	79	.42	.025	7	37	.73	122	.165	3	1.68	.040	.07	<.1	.01	4.9	<.1	<.05	5	<.5	
L17200E 8725W	.3	12.6	6.3	67	<.1	17.5	0.2	260	2.00	.9	.4	<.5	.9	46	<.1	<.1	.1	57	.30	.026	7	24	.45	96	.135	1	1.68	.021	.05	<.1	.01	3.4	<.1	<.05	6	<.5	
L17200E 8700W	.4	23.1	4.8	76	<.1	28.5	14.7	371	3.25	3.3	.5	<.5	1.3	56	.1	.1	.1	92	.37	.075	6	35	.60	142	.102	2	2.47	.017	.09	<.1	.01	5.0	.1	<.05	8	<.5	
L17200E 8675W	2	16.3	5.7	68	<.1	19.9	9.2	319	2.33	.7	.6	<.5	1.0	75	.1	.1	.1	61	.43	.049	8	30	.55	93	.135	2	1.63	.044	.05	<.1	.01	4.1	<.1	<.05	5	<.5	
L17200E 8650W	2	22.9	4.8	56	<.1	26.5	11.3	367	2.69	1.5	.8	<.5	1.3	85	.1	.1	.1	70	.50	.032	11	36	.81	108	.135	3	1.96	.046	.06	<.1	.01	6.2	<.1	<.05	5	<.5	
L17200E 8625N	.4	18.9	4.3	77	<.1	20.5	12.2	354	2.75	1.6	.4	<.5	.8	55	.1	.1	.1	71	.35	.121	5	32	.55	121	.107	2	2.29	.025	.08	<.1	.02	3.9	<.1	<.05	6	<.5	
L17200E 8600W	.4	23.0	4.6	67	<.1	28.0	13.5	424	3.10	1.9	.4	<.5	.9	61	<.1	.2	<.1	82	.39	.007	5	35	.63	110	.124	2	2.24	.026	.05	<.1	.01	4.5	<.1	<.05	7	<.5	
L17200E 8575N	.3	25.5	4.4	72	<.1	29.6	15.2	424	3.53	2.5	.4	<.5	1.2	68	.1	.1	.1	102	.38	.059	5	39	.81	123	.133	3	2.04	.026	.06	<.1	.01	5.2	<.1	<.05	6	<.5	
L17200E 8550N	.3	17.7	5.4	66	<.1	20.4	10.7	176	2.18	1.2	.4	.6	.8	46	.1	.1	.1	46	.22	.005	3	30	.40	114	.121	1	2.02	.025	.05	<.1	.01	3.1	<.1	<.05	6	<.5	
L17200E 8525N	.5	16.6	5.6	47	<.1	24.5	11.5	229	2.43	1.6	1.1	.7	.9	59	.1	.1	.1	58	.42	.037	6	33	.65	120	.138	1	1.80	.042	.05	<.1	.02	2.9	<.1	<.05	5	<.5	
L17200E 8500N	.4	20.2	5.7	74	<.1	20.9	10.7	254	1.94	1.2	.5	<.5	.8	36	.1	.1	.1	47	.26	.052	4	25	.46	94	.118	1	1.70	.023	.05	<.1	.01	2.6	<.1	<.05	6	<.5	
L17200E 8475N	.3	19.0	6.2	114	<.1	33.5	13.0	449	2.65	1.4	.4	<.5	.9	48	.1	.1	.1	53	.31	.196	5	29	.53	143	.113	3	2.63	.021	.00	<.1	.02	3.8	<.1	<.05	8	<.5	
L17200E 8450N	.4	22.2	5.3	100	<.1	39.0	14.5	480	3.01	2.6	.4	<.5	1.2	34	<.1	.1	.1	56	.22	.189	4	34	.61	128	.116	1	3.22	.017	.06	<.1	.03	4.0	<.1	<.05	10	<.5	
L17200E 8425N	.3	24.4	4.9	67	<.1	33.3	13.0	342	2.97	2.2	.6	.9	1.5	68	.1	.2	.1	74	.41	.064	7	37	.80	159	.148	2	2.33	.023	.08	<.1	.01	4.8	<.1	<.05	7	<.5	
L17200E 8400R	.6	22.7	5.4	78	<.1	34.4	13.4	255	3.12	2.7	.4	.6	1.2	44	.1	.1	.1	75	.28	.125	5	35	.59	121	.117	1	3.28	.019	.09	<.1	.04	3.0	<.1	<.05	9	<.5	
L17200E 8360N	3	40.5	5.5	68	<.1	53.3	19.8	619	4.17	1.2	8	.9	2.4	126	.1	.1	.1	109	.79	.077	16	48	1.16	175	.118	6	2.39	.063	.07	<.1	.03	10.7	.1	<.05	7	<.5	
L17250E 8975N	.4	17.8	4.1	84	<.1	52.5	14.4	499	3.20	.6	.4	.8	1.3	60	.1	.1	.1	65	.37	.163	5	31	.58	131	.116	2	2.91	.038	.07	<.1	.02	3.5	<.1	<.05	7	<.5	
L17250E 8950N	.4	20.5	6.1	61	<.1	32.4	14.0	544	3.47	1.3	.5	<.5	1.4	86	.1	.1	.1	82	.43	.070	5	41	.61	127	.136	4	2.28	.029	.03	<.1	.02	5.5	<.1	<.05	6	<.5	
L17250E 8925N	.5	15.3	5.5	76	<.1	21.7	10.1	529	2.38	.7	.3	<.5	.8	46	<.1	<.1	.1	55	.23	.032	3	29	.29	109	.117	2	1.92	.024	.06	<.1	.02	2.8	<.1	<.05	5	<.5	
L17250E 8900N	2	38.6	5.9	66	<.1	56.1	21.0	698	4.40	2.1	1.0	1.9	2.7	117	.1	.1	.1	104	.65	.053	19	53	1.16	242	.111	5	2.99	.044	.07	<.1	.02	12.1	.1	<.05	8	<.5	
L17250E 8875N	3	33.7	5.9	75	<.1	55.4	22.1	789	4.31	1.5	.6	.6	1.9	122	.1	.1	.1	55	.76	.133	13	50	1.19	140	.090	9	2.75	.029	.12	<.1	.01	9.7	.1	<.05	8	<.5	
RC L17200E 8625N	.4	20.8	4.5	81	<.1	28.7	12.5	532	2.89	1.7	.4	<.5	.9	50	.1	.1	.1	72	.36	.127	5	34	.58	124	.114	2	2.45	.027	.00	<.1	.02	4.1	<.1	<.05	7	<.5	
STANDARD 057	21	7	111.2	67.5	421	3	55.6	9.7	646	2.41	46.2	4.9	56.1	4.5	71	6.3	5.0	4.5	89	.92	.075	14	180	1.05	371	.120	39	.90	.077	.44	3.8	.20	2.6	4.2	20	5	3.5

Sample type: 3021 SS80 60C. Samples beginning 'RC' are Returns and 'RRE' are Reject Returns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Mn ppm	Co ppm	Ni ppm	Fe %	As ppm	U ppm	Au ppb	Hg ppm	Sr ppm	Cl ppm	Sb ppm	Bi ppm	V ppm	Cr %	P %	Ca ppm	Cr ppm	Mg %	Ba ppm	Ti %	B %	Al %	Na %	K %	W ppm	Mg ppm	Sc ppm	Tl ppm	S ppm	Ge ppm	Se ppm		
G-1	.2	2.2	5.9	49	<1	3.7	4.6	58/	2.45	<5	3.1	<5	4.8	86	<1	<1	.1	45	.67	.076	11	8	.62	248	164	1	1.16	.138	.58	.14	.31	2.6	4.05	6	<5			
L17250E 8850N	.3	38.2	12.3	102	.1	54.0	23.2	2202	4.52	1.8	.9	1.1	1.9	211	.3	1	2	102	1.65	.225	16	56	1.19	189	111	18	3.70	.055	.52	<1	<1	.31	10.6	2.05	9	<5		
L17250E 8825N	.5	31.2	4.5	63	<1	61.1	22.7	656	4.00	1.4	.5	1.5	1.3	112	.1	.1	.1	97	.75	.100	10	73	1.34	79	192	4	2.21	.055	.11	<1	.31	4.3	<1	<5	6	<5		
L17250E 8800N	.3	17.8	5.4	73	<1	20.2	10.3	334	2.48	2.1	.4	<5	7	67	.1	.1	.1	72	.35	.044	0	34	47	79	128	2	1.55	.029	.05	<1	.32	3.3	<1	<5	5	<5		
L17250E 8775N	.3	18.2	5.3	83	<1	21.3	12.0	367	2.93	2.6	.4	<5	.9	55	.1	.1	.1	83	.36	.057	6	33	.63	95	.095	2	2.01	.013	.08	<1	.32	4.1	<1	<5	7	<5		
L17250E 8750N	.4	26.8	4.5	66	<1	30.4	15.5	361	3.66	3.9	5	<5	1.3	85	.1	.1	1	110	.41	.056	7	44	.87	185	.112	1	2.53	.023	.06	<1	.02	5.5	<1	<5	8	<5		
L17250E 8725N	.2	17.4	8.0	57	<1	23.9	8.9	216	2.14	1.3	.9	<5	1.3	56	<1	<1	.1	53	.34	.022	8	31	.51	102	.140	1	1.96	.031	.05	<1	.01	4.9	<1	<5	5	<5		
L17250E 8700N	.4	16.5	6.4	75	<1	21.2	10.4	348	2.39	1.4	.4	1.0	.8	62	.1	.1	.1	62	.41	.054	5	32	.49	107	.122	2	1.80	.022	.07	<1	.02	3.2	<1	<5	6	<5		
L17250E 8675N	.4	21.9	6.9	76	<1	25.2	11.9	470	2.42	1.3	.9	.7	.9	83	.1	.1	.1	61	.59	.032	12	34	.63	105	.135	5	1.83	.044	.06	<1	.03	4.5	<1	<5	6	<5		
L17250E 8650N	.4	26.2	7.0	65	<1	29.1	8.6	348	2.37	2.2	1.1	5	1.2	83	.1	.1	1	57	.59	.030	20	34	.64	115	.113	2	2.30	.039	.06	<1	.02	6.4	<1	<5	7	<5		
L17250E 8625N	.5	19.7	5.5	84	<1	23.7	11.3	356	2.55	1.3	.6	.7	.7	82	.1	.1	.1	70	.54	.039	8	34	.61	89	.116	3	1.77	.029	.36	<1	.02	3.9	<1	<5	6	<5		
L17250E 8600N	.5	27.1	7.8	106	<1	29.9	13.7	1654	2.73	1.9	.6	<5	.7	103	.2	.1	.1	75	.90	.070	17	35	.83	147	.089	3	2.97	.025	.38	<1	.09	5.0	<1	<5	6	<5		
RE L17250E 8525N	1.1	20.9	3.2	43	<1	20.4	12.6	260	2.25	2.4	1.5	.9	1.1	79	<1	.1	<1	64	.91	.039	7	29	.71	180	.114	13	1.54	.025	.36	<1	.02	4.4	<1	<5	5	<5		
L17250E 8575N	.5	70.9	3.9	51	.1	46.6	16.4	1300	3.13	2.9	1.6	<5	.5	143	.2	.1	<1	62	1.32	.055	30	40	.93	168	.053	3	3.13	.021	.37	<1	.06	10	1	1.07	8	<5		
L17250E 8550N	.5	43.5	5.8	52	<1	32.4	13.4	554	2.59	1.3	1.4	.6	.9	94	.1	.1	.1	64	.77	.056	13	38	.85	115	.108	4	1.97	.049	.36	<1	.05	6.0	<1	<5	6	<5		
L17250E 8525N	3.8	20.2	2.5	11	.1	7.5	6.5	2168	.82	1.9	5.6	5	1.146	3	1	<1	15	3.30	.058	6	8	.40	305	.014	22	.46	.022	.02	.1	.09	.6	<1	.22	1	1.7			
L17250E 8500N	2.9	31.5	3.5	33	<1	33.3	16.8	574	1.84	3.4	6.7	<5	2	139	.2	.2	<1	42	2.85	.071	12	23	.72	237	.047	17	1.30	.035	.04	.1	.09	3.6	<1	.23	1	1.5		
L17250E 8475N	2.6	28.7	3.9	24	.2	12.6	8.0	557	2.14	5.9	12.9	<5	3	150	.2	.4	<1	48	3.23	.094	20	18	.40	344	.026	19	1.13	.025	.03	.1	.03	2.7	<1	.18	3	3.9		
L17250E 8450N	2.1	51.7	4.5	54	.2	33.1	16.3	821	3.28	4.1	4.1	1.0	1.0	97	.2	.2	.1	78	1.18	.054	12	38	.80	315	.097	3	2.82	.026	.06	<1	.05	5.4	<1	.07	9	7		
L17250E 8425N	1.1	21.7	3.3	44	<1	21.1	12.3	263	2.21	2.4	1.5	<5	1.1	79	.1	.1	<1	64	.91	.037	7	29	.68	183	.111	10	1.50	.026	.05	<1	.02	4.2	<1	.06	5	<5		
L17250E 8400N	1.9	23.9	4.7	20	<1	24.3	12.7	259	2.60	5.4	2.2	.8	1.4	66	.1	.1	.1	70	.76	.025	9	38	.65	123	.105	3	1.82	.047	.05	<1	.01	6.1	<1	<5	5	<5		
L17330E 9000N	4	20.3	4.7	91	<1	40.2	11.8	594	3.02	.8	.3	<5	1.0	66	.1	<1	.1	64	.42	.091	5	49	.67	136	.125	3	2.35	.038	.05	<1	.02	4.2	<1	<5	7	<5		
L17330E 8975N	3	22.4	3.8	54	<1	27.4	10.7	339	2.82	1.1	.3	3.8	1.1	88	.1	.1	<1	86	.50	.068	5	43	.56	99	.160	2	1.75	.054	.03	<1	.01	2.9	<1	<5	5	<5		
L17330E 8950N	4	19.3	5.2	83	<1	31.3	11.6	434	2.56	9	3	<5	.9	67	.1	.1	.1	67	.33	.114	3	39	.49	128	.148	1	2.36	.039	.05	<1	.02	3.5	<1	<5	7	<5		
L17330E 8925N	4	13.4	5.4	69	<1	18.3	7.7	430	2.17	.8	.3	<5	.8	67	.1	.1	.1	47	.30	.083	3	25	.33	131	.099	1	1.54	.022	.05	<1	.01	2.6	<1	<5	5	<5		
L17330E 8900N	3	22.9	4.3	56	<1	29.1	11.1	345	3.11	1.1	.3	<5	1.1	77	<1	.1	.1	86	.37	.064	4	44	.45	117	.168	1	2.18	.046	.07	<1	.01	4.0	<1	<5	6	<5		
L17330E 8875N	2	16.9	5.0	63	<1	22.6	9.9	383	2.78	7	.1	<5	1.0	63	<1	.1	.1	67	.32	.043	3	43	.39	111	.179	2	2.10	.045	.06	<1	.01	3.8	<1	<5	5	<5		
L17330E 8850N	3	10.5	4.6	75	<1	42.9	13.7	389	3.54	.7	.4	<5	1.1	75	.1	.1	.1	83	.41	.073	7	58	.59	103	.149	3	2.56	.049	.08	<1	.01	4.4	<1	<5	7	<5		
L17330E 8825N	4	20.5	4.2	70	<1	48.1	15.5	546	3.80	.9	.4	<5	1.2	79	.1	.1	<1	92	.45	.086	8	77	.73	89	.132	4	2.77	.047	.06	<1	.01	4.8	<1	<5	7	<5		
L17330E 8800N	2	33.5	5.3	63	<1	52.8	21.1	661	4.02	1.6	.6	.6	1.2	99	<1	.1	.1	85	.61	.093	10	54	1.50	88	.146	6	2.64	.036	.11	<1	.01	8.0	<1	<5	7	<5		
L17330E 8775N	2	36.2	4.5	65	<1	38.0	18.0	535	3.90	3.8	.7	2.1	1.7	119	.1	.1	<1	100	.72	.075	16	46	1.28	149	.103	5	2.37	.030	.12	<1	.02	10.0	<1	<5	8	<5		
L17330E 8750N	3	25.7	5.0	81	<1	31.4	15.3	540	3.54	2.2	.6	1.2	1.4	102	.1	.1	.1	93	.52	.072	11	46	.92	150	.133	5	2.35	.022	.11	<1	.02	6.9	<1	<5	7	<5		
L17330E 8725N	3	21.4	4.8	74	<1	38.3	19.1	672	3.76	2.4	.6	.8	1.6	111	.1	.1	<1	97	.64	.075	13	49	1.19	138	.146	4	2.28	.036	.10	<1	.02	8.4	<1	<5	7	<5		
L17330E 8700N	3	12.8	7.6	63	<1	16.5	7.2	254	1.86	5	3	<5	.7	46	<1	<1	.1	47	.26	.048	6	27	.34	85	.132	1	1.44	.019	.05	<1	.01	2.6	<1	<5	5	<5		
L17330E 8675N	3	15.3	6.5	85	<1	25.5	10.2	449	2.62	1.1	.4	.6	.8	55	.1	.1	.1	68	.31	.057	5	40	.48	109	.163	1	2.12	.025	.08	<1	.01	3.3	<1	<5				



GEOCHEM PRECIOUS METALS ANALYSIS



Tanqueray Resources Ltd. PROJECT Niccoaman File # A606787 Page 1
310 - 505 - 8th Ave S.W., Calgary AB T2P 1G2 Submitted by: Phillip Mudry

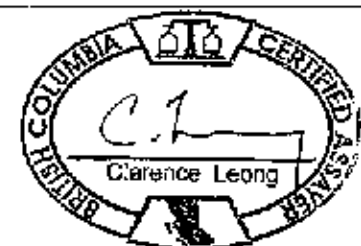
SAMPLE#	Au** ppb	Sample gm
G-1	<2	30.0
L16800E 9000N	<2	30.0
L16800E 8975N	<2	15.0
L16800E 8950N	<2	30.0
L16800E 8925N	8	30.0
L16800E 8900N	<2	30.0
L16800E 8875N	<2	30.0
L16800E 8850N	<2	30.0
L16800E 8825N	2	30.0
L16800E 8800N	10	30.0
L16800E 8775N	6	30.0
L16800E 8750N	2	15.0
L16800E 8725N	5	15.0
L16800E 8700N	<2	30.0
L16800E 8675N	<2	30.0
L16800E 8650N	4	30.0
L16800E 8625N	2	15.0
L16800E 8600N	4	30.0
L16800E 8575N	<2	30.0
L16800E 8550N	21	7.5
L16800E 8525N	11	15.0
L16800E 8500N	5	30.0
L16800E 8475N	<2	30.0
L16800E 8450N	4	15.0
L16800E 8425N	<2	15.0
L16800E 8400N	7	15.0
L16850E 9000N	2	15.0
RE L16800E 8575N	3	7.5
L16850E 8975N	5	15.0
L16850E 8950N	2	30.0
L16850E 8925N	2	30.0
L16850E 8900N	2	30.0
L16850E 8875N	<2	30.0
L16850E 8850N	2	30.0
L16850E 8825N	3	30.0
STANDARD OXF41	797	30.0

GROUP 38 - FIRE GROUND AU - 30 GM SAMPLE FUSION, DORE DISSOLVED IN Aqua - Regia, ICP ANALYSIS. UPPER LIMITS - 10 PPM.
HIGH GRADE GOLD ASSAY RECOMMENDED FOR 50 GM ANALYSIS > 10ppm and 50 GM > 5ppm.
SAMPLE TYPE: SOIL S880 60C Samples beginning 'RE' are Reruns and 'RR' are Reject Reruns.

10:21:06 P03:55 OUT

Data FA

DATE RECEIVED: SEP 18 2006 DATE REPORT MAILED:.....





SAMPLE#	Au** ppb	Sample gm
G-1	<2	15.0
L16850E 8800N	<2	15.0
L16850E 8770N	<2	15.0
L16850E 8750N	<2	15.0
L16850E 8725N	<2	15.0
L16850E 8700N	<2	15.0
L16850E 8675N	<2	15.0
L16850E 8650N	3	15.0
L16850E 8625N	9	15.0
L16850E 8600N	3	15.0
L16850E 8575N	4	15.0
L16850E 8550N	<2	15.0
L16850E 8525N	<2	7.5
L16850E 8500N	<2	15.0
L16850E 8475N	40	15.0
L16850E 8450N	2	15.0
L16850E 8425N	<2	7.5
L16850E 8400N	<2	15.0
L16900E 9000N	<2	15.0
L16900E 8975N	<2	15.0
L16900E 8950N	<2	15.0
L16900E 8925N	<2	15.0
L16900E 8900N	<2	15.0
L16900E 8875N	7	15.0
L16900E 8850N	30	15.0
L16900E 8825N	19	15.0
L16900E 8800N	17	15.0
L16900E 8775N	6	15.0
L16900E 8750N	4	15.0
L16900E 8725N	9	15.0
L16900E 8700N	3	15.0
L16900E 8675N	<2	15.0
L16900E 8650N	<2	15.0
RE L16900E 8650N	<2	15.0
L16900E 8625N	6	7.5
STANDARD OxF41	809	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G 1	<2	30.0
L16900E 8600N	2	30.0
L16900E 8575N	<2	15.0
RE L16950E 9000N	<2	7.5
L16900E 8550N	<2	30.0
L16900E 8525N	<2	15.0
L16900E 8500N	<2	15.0
L16900E 8475N	3	15.0
L16900E 8450N	<2	15.0
L16900E 8425N	<2	15.0
L16900E 8400N	<2	30.0
L16950E 9000N	<2	30.0
L16950E 8975N	<2	30.0
L16950E 8950N	<2	30.0
L16950E 8925N	<2	30.0
L16950E 8900N	<2	30.0
L16950E 8875N	<2	15.0
L16950E 8850N	<2	30.0
L16950E 8825N	44	30.0
L16950E 8800N	19	30.0
L16950E 8775N	39	30.0
L16950E 8750N	7	30.0
L16950E 8725N	3	30.0
L16950E 8700N	4	30.0
L16950E 8675N	4	15.0
L16950E 8650N	7	15.0
L16950E 8625N	<2	30.0
L16950E 8600N	2	15.0
L16950E 8575N	6	15.0
L16950E 8550N	<2	30.0
L16950E 8525N	<2	30.0
L16950E 8500N	<2	15.0
L16950E 8475N	<2	30.0
L16950E 8450N	<2	15.0
L16950E 8425N	<2	15.0
STANDARD Oxf41	797	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	<2	30
L16950E 8400N	<2	15
L17000E 9000N	3	15
L17000E 8975N	<2	30
L17000E 8950N	<2	30
L17000E 8925N	<2	30
L17000E 8900N	3	15
L17000E 8875N	4	30
L17000E 8850N	<2	30
L17000E 8825N	<2	30
L17000E 8800N	<2	30
L17000E 8775N	<2	30
L17000E 8750N	3	30
L17000E 8725N	<2	30
L17000E 8700N	4	15
L17000E 8675N	<2	30
L17000E 8650N	<2	30
L17000E 8625N	<2	30
L17000E 8600N	5	30
L17000E 8575N	<2	30
L17000E 8550N	<2	30
L17000E 8525N	<2	15
L17000E 8500N	<2	15
L17000E 8475N	<2	15
L17000E 8450N	<2	15
L17000E 8425N	<2	15
L17000E 8400N	<2	15
L17050E 9000N	<2	30
L17050E 8975N	<2	15
RE L17050E 8975N	2	15
L17050E 8950N	<2	30
L17050E 8925N	<2	30
L17050E 8900N	<2	30
L17050E 8875N	<2	30
L17050E 8850N	2	30
STANDARD OxF41	796	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au**	Sample
	ppb	gm
G 1	<2	30.0
L17050E 8825N	3	15.0
L17050E 8800N	<2	30.0
L17050E 8775N	6	30.0
L17050E 8750N	<2	30.0
L17050E 8725N	4	15.0
L17050E 8700N	3	30.0
L17050E 8675N	7	15.0
L17050E 8650N	5	30.0
L17050E 8625N	6	30.0
L17050E 8600N	8	30.0
L17050E 8575N	4	30.0
L17050E 8550N	<2	30.0
L17050E 8525N	<2	30.0
L17050E 8500N	<2	30.0
L17050E 8475N	<2	30.0
L17050E 8450N	<2	30.0
L17050E 8425N	<2	30.0
L17050E 8400N	<2	15.0
RE L17050E 8400N	<2	15.0
L17100E 9000N	<2	30.0
L17100E 8975N	<2	30.0
L17100E 8950N	<2	30.0
L17100E 8925N	<2	30.0
L17100E 8900N	<2	15.0
L17100E 8875N	<2	30.0
L17100E 8850N	12	30.0
L17100E 8825N	3	30.0
L17100E 8800N	3	30.0
L17100E 8775N	9	15.0
L17100E 8750N	3	30.0
L17100E 8725N	2	30.0
L17100E 8700N	<2	30.0
L17100E 8675N	<2	30.0
L17100E 8650N	<2	30.0
STANDARD OXF41	796	30.0

Sample type: SQU, SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	<2	30.0
L17100E 8625N	<2	30.0
L17100E 8600N	<2	30.0
L17100E 8575N	<2	30.0
L17100E 8550N	<2	30.0
RE L17100E 8550N	<2	15.0
L17100E 8525N	<2	30.0
L17100E 8500N	<2	30.0
L17100E 8475N	<2	30.0
L17100E 8450N	7	30.0
L17100E 8425N	<2	30.0
L17100E 8400N	<2	30.0
L17150E 9000N	<2	15.0
L17150E 8975N	<2	30.0
L17150E 8950N	<2	30.0
L17150E 8925N	<2	30.0
L17150E 8900N	<2	30.0
L17150E 8875N	<2	30.0
L17150E 8850N	<2	30.0
L17150E 8825N	<2	30.0
L17150E 8800N	<2	30.0
L17150E 8775N	<2	30.0
L17150E 8750N	<2	30.0
L17150E 8725N	<2	30.0
L17150E 8700N	<2	30.0
L17150E 8675N	<2	30.0
L17150E 8650N	<2	30.0
L17150E 8625N	<2	30.0
L17150E 8600N	<2	30.0
L17150E 8575N	<2	30.0
L17150E 8550N	<2	30.0
L17150E 8525N	<2	30.0
L17150E 8500N	<2	30.0
L17150E 8475N	<2	30.0
L17150E 8450N	<2	30.0
STANDARD OxF41	794	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	<2	30.0
L17150E 8425N	<2	30.0
L17150E 8400N	<2	30.0
L17200E 9000N	<2	30.0
L17200E 8975N	<2	30.0
L17200E 8950N	<2	30.0
L17200E 8925N	<2	30.0
L17200E 8900N	<2	30.0
L17200E 8875N	<2	30.0
L17200E 8850N	<2	30.0
L17200E 8825N	<2	30.0
L17200E 8800N	<2	30.0
L17200E 8775N	2	30.0
L17200E 8750N	<2	30.0
L17200E 8725N	<2	30.0
L17200E 8700N	<2	30.0
L17200E 8675N	<2	30.0
L17200E 8650N	<2	30.0
L17200E 8625N	<2	30.0
L17200E 8600N	<2	30.0
L17200E 8575N	<2	30.0
L17200E 8550N	3	15.0
L17200E 8525N	<2	30.0
L17200E 8500N	2	30.0
L17200E 8475N	<2	30.0
L17200E 8450N	<2	30.0
L17200E 8425N	<2	30.0
L17200E 8400N	<2	30.0
L17250E 9000N	<2	15.0
L17250E 8975N	<2	30.0
L17250E 8950N	<2	15.0
L17250E 8925N	<2	30.0
L17250E 8900N	3	7.5
L17250E 8875N	3	5.0
RE L17200E 8625N	5	5.0
STANDARD OxF41	795	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au**	Sample gm
	ppb	
G-1	<2	30.0
L17250E 8850N	<2	30.0
L17250E 8825N	<2	30.0
L17250E 8800N	<2	30.0
L17250E 8775N	2	30.0
L17250E 8750N	2	15.0
L17250E 8725N	<2	30.0
L17250E 8700N	3	15.0
L17250E 8675N	2	15.0
L17250E 8650N	3	15.0
L17250E 8625N	<2	15.0
L17250E 8600N	4	7.5
RE L17250E 8425N	6	5.0
L17250E 8575N	7	5.0
L17250E 8550N	5	7.5
L17250E 8525N T.S.	-	-
L17250E 8500N I.S.	-	-
L17250E 8475N I.S.	-	-
L17250E 8450N	3	15.0
L17250E 8425N	<2	30.0
L17250E 8400N	2	15.0
L17300E 9000N	<2	30.0
L17300E 8975N	<2	30.0
L17300E 8950N	<2	30.0
L17300E 8925N	<2	30.0
L17300E 8900N	<2	30.0
L17300E 8875N	<2	30.0
L17300E 8850N	<2	30.0
L17300E 8825N	<2	30.0
L17300E 8800N	<2	30.0
L17300E 8775N	3	15.0
L17300E 8750N	<2	30.0
L17300E 8725N	<2	30.0
L17300E 8700N	<2	30.0
L17300E 8675N	<2	30.0
STANDARD OxF41	800	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Tanqueray Resources Ltd. PROJECT Niccoaman File # A604681 Page 1

310 - 505 - 8th Ave. S.W., Calgary AB T2P 1G2 Submitted by: Phillip Wady

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Al	Hf	Sr	Cd	Sb	Bi	V	Ca	P	Lu	Cr	Yb	Ba	Ti	B	A	Nc	K	W	Hg	Sc	Li	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
G-1	1	1.0	2.7	40	<1	3.6	3.5	458	1.74	<5	2.0	<5	3.9	56	<1	<1	1	31	46	0.78	7	6	55	164	109	1	85	0.57	40	1	0.1	1.7	3	0.9	4	<5
L18000E 8403N	4	15.8	7.8	67	<1	30.2	11.4	396	2.44	7	4	1.4	9	59	1	1	1	69	34	0.41	5	29	63	117	152	<1	2.66	0.26	0.4	<1	0.4	3.3	1	<0.5	7	<5
L18000E 8375N	3	20.4	7.2	69	<1	33.8	13.7	396	2.88	1.2	6	2.2	1.3	86	1	2	1	71	39	0.51	6	31	57	161	176	<1	2.95	0.32	0.5	<1	0.1	4.0	<1	<0.5	7	<5
L18000E 8355N	4	22.4	6.3	65	<1	39.5	14.9	319	3.24	2.1	5	3.2	1.4	68	1	2	1	83	35	0.69	5	37	85	158	141	1	3.37	0.23	0.5	<1	0.1	4.9	<1	<0.5	9	<5
L18000E 8325N	7	17.9	6.6	54	<1	31.0	12.1	387	2.87	9	6	3.0	1.3	85	1	1	1	65	38	0.41	6	32	89	149	181	1	2.68	0.32	0.4	<1	0.2	4.3	<1	<0.5	7	<5
L18000E 8303N	2	22.6	5.5	48	<1	34.8	14.2	349	3.03	2.0	9	1.8	1.5	81	1	1	1	69	55	0.82	12	36	110	164	127	1	2.80	0.38	0.5	<1	0.2	6.2	<1	<0.5	8	<5
L18000E 8275N	3	28.2	5.1	63	<1	47.9	18.7	484	4.15	3.0	6	2.7	1.8	89	1	2	1	113	48	0.77	9	42	1.22	193	149	<1	3.62	0.27	0.5	<1	0.1	6.7	<1	<0.5	10	<5
L18000E 8250N	3	25.9	5.5	47	<1	42.0	15.6	302	3.52	2.5	1.1	2.3	2.0	130	1	1	1	88	53	0.55	9	40	1.75	137	160	1	3.03	0.36	0.5	<1	0.1	6.9	1	<0.5	8	<5
L18000E 8225N	3	21.4	5.8	62	<1	38.5	12.1	347	3.19	1.4	7	1.7	1.2	99	1	1	1	82	48	0.51	6	37	87	205	177	1	2.90	0.37	0.5	<1	0.2	4.5	<1	<0.5	7	<5
L18000E 8203N	3	19.0	7.0	49	<1	32.4	22.9	587	2.72	1.2	7	2.0	1.2	78	<1	1	1	67	45	0.43	11	31	82	121	140	2	2.68	0.30	0.4	<1	0.2	5.0	1	<0.5	8	<5
L18000E 8175N	5	23.7	6.0	65	<1	38.6	14.6	376	3.42	3.1	6	1.5	1.4	59	1	2	1	79	43	0.69	7	33	78	160	088	<1	3.88	0.16	0.6	<1	0.6	5.2	<1	<0.5	13	<5
L18000E 8150N	3	15.3	6.8	52	<1	27.5	9.8	260	2.38	1.2	6	5	9	53	1	1	1	55	36	0.45	7	25	67	90	132	<1	2.33	0.30	0.4	<1	0.1	3.8	<1	<0.5	7	<5
L18000E 8125N	3	18.9	6.6	45	<1	30.2	21.4	319	2.62	1.2	1.1	1.3	1.2	88	1	2	1	79	48	0.41	9	30	83	125	156	1	2.31	0.38	0.4	<1	0.1	5.2	<1	<0.5	7	<5
L18000E 8103N	3	25.2	5.3	61	<1	35.2	14.7	655	3.15	2.4	8	1.9	1.0	134	1	1	1	87	59	0.19	12	33	89	147	123	<1	2.90	0.69	0.7	<1	0.3	6.2	<1	<0.5	7	<5
L18000E 8075N	3	25.7	6.2	49	<1	33.3	13.1	478	2.68	2.4	1.8	<5	1.2	91	2	2	1	80	60	0.52	19	31	88	96	135	2	2.39	0.39	0.4	<1	0.2	6.5	<1	<0.5	7	<5
L18000E 8050N	4	27.8	5.5	69	<1	41.9	14.8	1068	3.37	2.3	1.4	1.4	1.0	118	1	3	1	79	76	0.74	21	35	1.08	160	091	<1	3.99	0.24	0.6	1	0.4	8.6	1	<0.5	6	<5
L18000E 8025N	4	10.4	6.2	71	<1	34.5	14.4	356	3.35	2.2	5	<5	1.0	53	1	2	1	79	34	0.29	6	22	69	114	119	1	3.51	0.19	0.5	<1	0.1	4.3	<1	<0.5	10	<5
L18000E 8000N	2	16.9	5.6	50	<1	26.6	10.7	392	2.61	1.9	6	1.2	1.9	81	1	2	1	65	43	0.34	7	20	72	120	145	1	2.30	0.28	0.4	<1	0.1	4.0	<1	<0.5	7	<5
L18000E 7975N	3	17.7	6.4	50	<1	28.7	10.9	316	2.78	1.9	3	1.9	1.1	86	1	3	1	68	42	0.38	7	23	86	136	144	<1	2.53	0.25	0.5	<1	0.2	4.2	<1	<0.5	7	<5
L18000E 7950N	2	18.9	5.8	52	<1	28.6	12.7	326	2.85	2.1	6	<5	1.1	76	<1	3	1	75	43	0.45	6	29	82	123	142	1	2.25	0.24	0.5	<1	0.3	4.0	<1	<0.5	6	<5
L18000E 7925N	2	13.7	6.1	55	<1	23.5	8.8	251	2.27	1.5	8	<5	1.0	69	<1	2	1	59	38	0.29	5	25	69	106	156	1	2.22	0.25	0.4	<1	0.1	3.3	<1	<0.5	6	<5
L18000E 7903N	3	19.5	6.6	53	<1	25.5	9.4	292	2.25	1.8	7	<5	1.2	72	1	2	1	59	42	0.37	8	26	77	108	151	<1	2.50	0.23	0.4	<1	0.2	4.6	<1	<0.5	7	<5
L18000E 7875N	2	27.8	4.9	63	1	34.1	12.8	718	2.93	3.0	9	<5	1.4	85	1	2	1	85	54	0.63	15	30	98	130	139	1	2.89	0.24	0.4	1	0.1	5.1	<1	<0.5	9	<5
L18000E 7853N	5	23.4	5.7	68	1	35.3	13.6	362	3.62	3.1	5	<5	1.5	59	1	3	1	73	27	1.25	5	28	76	145	136	<1	3.81	0.14	0.6	<1	0.5	4.2	<1	<0.5	12	<5
L18000E 7825N	4	21.5	4.4	75	<1	17.3	11.4	511	2.72	2.4	4	1.8	1.1	137	1	1	1	65	20	0.39	3	14	82	400	158	1	2.88	0.10	0.8	<1	0.2	2.6	1	<0.5	12	<5
L18000E 7803N	7	19.8	5.5	80	<1	24.7	14.1	367	3.61	4.0	6	<5	1.9	53	1	1	1	76	17	0.73	5	18	83	264	180	3	3.54	0.12	0.6	<1	0.4	3.7	1	<0.5	14	<5
L18000E 8403N	3	20.8	7.3	72	<1	35.7	11.4	412	2.74	1.4	5	<5	1.9	71	1	1	1	67	42	0.74	9	23	81	129	129	<1	3.09	0.23	0.8	<1	0.2	4.4	<1	<0.5	8	<5
L18000E 8375N	3	23.9	4.8	52	<1	38.9	14.5	412	3.13	1.6	5	<5	1.3	100	<1	2	1	82	54	0.72	9	37	114	144	153	2	3.91	0.40	0.6	<1	0.1	5.5	1	<0.5	7	<5
L18000E 8353N	3	30.2	5.1	117	<1	42.2	21.6	704	3.76	6.0	8	1.4	1.8	93	1	3	1	96	69	0.94	14	35	155	124	139	5	2.79	0.42	0.6	<1	0.2	8.4	1	<0.5	9	<5
L18000E 8325N	3	28.5	6.1	65	<1	45.0	20.6	955	3.42	2.2	6	1.4	1.6	104	1	2	1	86	71	0.15	12	37	131	136	136	3	2.90	0.47	1.0	<1	0.3	6.8	1	<0.5	7	<5
L18000E 8303N	5	29.6	5.7	64	<1	37.1	19.7	1515	3.36	2.4	1.7	<5	1.8	125	1	6	1	77	89	0.89	27	29	110	199	039	2	3.45	0.19	0.5	<1	0.7	9.1	1	<0.5	9	<5
RE L18000E 8303N	4	28.9	5.7	68	<1	37.1	20.7	1603	3.46	2.4	1.7	<5	1.7	113	1	5	1	81	90	0.91	27	28	113	202	041	2	3.55	0.19	0.5	<1	0.5	9.0	1	<0.5	10	<5
L18000E 8275N	3	25.4	5.2	86	<1	34.2	16.3	718	3.60	6.7	1.0	<5	1.9	95	1	5	1	71	74	0.11	16	20	113	169	056	3	2.91	0.25	0.6	<1	0.4	6.2	<1	<0.5	8	<5
L18000E 8250N	3	16.7	5.3	58	<1	25.6	13.7	602	2.88	4.6	5	2.0	1.1	75	1	4	1	76	49	0.63	8	24	76	167	105	2	2.27	0.2								



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Nu	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	Li	Hg	Se	Tl	S	Ce	Sc
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
G-1	2	1.7	2.8	40	<1	3.3	3.5	424	1.71	<5	1.7	2.1	3.3	50	<1	<1	1	29	43	0.74	7	6	51	150	106	2	.63	351	.41	.2	31	1.6	.3	.07	4	<5
L18050E 820DN	.4	23.3	5.5	66	<1	41.7	16.4	404	3.57	3.4	.6	1.0	1.2	92	.1	.5	.1	94	.47	.080	9	39	.98	134	125	2	2.98	.024	.06	<1	92	5.1	.1	<.05	8	<5
L18050L 8175N	.3	16.2	6.9	55	<1	29.0	13.4	485	2.86	1.9	.5	1.3	.9	77	<1	.3	.1	69	.41	.045	8	29	.72	103	125	2	2.45	.022	.04	<1	92	3.8	<.1	<.05	8	<5
L18050C 8150N	.2	14.1	6.5	47	<1	26.7	9.8	328	2.47	1.7	.4	1.2	.5	53	<1	.3	.1	61	.35	.042	6	27	.63	110	133	3	2.27	.023	.05	<1	92	3.1	<.1	<.05	7	<5
L18050F 8125N	.2	14.2	6.5	61	<1	23.9	8.9	304	2.35	1.1	.5	.9	1.3	50	<1	.2	.1	57	.31	.026	5	27	.66	172	154	2	2.16	.024	.03	<1	91	3.2	.1	<.05	7	<5
L18050E 8100N	.7	27.9	5.4	65	<1	55.0	18.5	290	3.97	3.9	.5	<.5	1.5	64	<1	.3	.1	91	.25	.137	6	42	.94	167	116	2	5.29	.016	.07	.1	94	6.0	<.1	<.05	12	<5
L18050F 8075N	.4	21.5	6.4	61	<1	32.6	20.1	1260	3.33	3.1	7	1.1	1.1	85	.1	2	.1	84	.53	.062	13	39	.87	175	113	2	3.14	.024	.04	<1	94	4.4	.1	<.05	9	<5
L18050E 8050N	.3	22.1	5.3	48	<1	24.9	13.6	467	2.15	2.1	1.0	<.5	1.3	79	.1	.3	.1	65	.45	.034	12	23	.77	175	122	<1	2.21	.026	.03	<1	94	4.5	<.1	<.05	7	<5
L18050L 8025N	.6	29.6	5.5	70	<1	45.1	17.4	345	3.96	3.2	.5	<.5	1.2	83	.1	.2	.1	102	.36	.083	6	45	.95	175	138	2	3.97	.022	.06	.1	94	4.8	<.1	<.05	9	<5
L18050C 8000N	.5	21.0	5.9	68	.1	30.2	14.9	361	3.80	2.5	.4	2.1	1.2	47	.1	.2	.1	91	.24	.094	5	35	.66	160	119	3	3.92	.016	.05	<1	94	4.2	.1	<.05	10	<5
L18050E 7975N	.3	19.7	6.8	52	<1	35.2	15.9	594	2.99	2.4	.6	.9	1.1	101	.1	.2	.1	74	.55	.063	9	32	.93	119	138	2	2.75	.026	.05	.1	94	4.5	.1	<.05	8	<5
L18050L 7950N	.5	25.6	6.4	78	<1	41.8	16.5	401	3.96	3.7	.5	.8	1.0	64	.1	.3	.1	94	.32	.104	6	39	.85	155	111	3	4.72	.015	.06	<1	96	4.7	<.1	<.05	11	<5
L18050C 7925N	.3	27.0	6.3	57	<1	29.6	13.4	471	2.93	3.2	.9	12.9	1.4	94	<1	.3	.1	74	.53	.057	12	28	.94	114	136	2	2.61	.029	.05	<1	92	5.5	.1	<.05	8	<5
L18050F 7900N	.4	22.6	4.8	64	<1	34.3	14.2	442	3.43	3.0	.7	.6	1.5	100	.1	.3	.1	95	.56	.088	10	37	.99	112	147	2	2.49	.029	.06	<1	91	5.6	<.1	<.05	7	<5
L18050E 7875N	.5	30.4	4.4	72	<1	46.5	17.8	574	3.89	3.0	.5	<.5	1.2	99	.1	.4	.1	106	.60	.099	9	44	1.23	167	157	2	2.98	.029	.07	<1	93	4.4	<.1	<.05	8	<5
L18050C 7850N	.4	25.5	6.0	82	<1	46.6	16.9	538	3.46	3.1	.6	.6	.5	71	.1	.2	.1	82	.44	.119	10	35	1.04	134	122	2	4.05	.017	.07	<1	94	4.3	<.1	<.05	11	<5
L18050F 7825N	.6	24.2	6.1	84	<1	43.4	16.2	320	3.59	2.8	7	2.0	1.6	38	<1	2	.1	83	.18	.106	8	34	.79	164	136	3	5.54	.014	.05	<1	96	5.3	.1	<.05	13	<5
L18050E 7800N	.6	21.6	5.6	72	<1	41.7	15.4	440	3.41	3.1	.4	<.5	1.2	49	.1	.3	.1	93	.29	.123	4	35	.74	147	134	3	4.35	.014	.08	<1	93	3.7	.1	<.05	10	<5
L18100E 8400N	.2	27.8	1.9	65	<1	76.9	32.5	606	4.80	1.1	.4	1.4	1.2	111	<1	<1	<1	82	1.03	.132	11	51	3.04	31	1071	3	2.88	.062	.05	.1	91	8.5	<.1	<.05	6	<5
L18100C 8375N	.2	45.3	3.7	70	<1	73.9	29.9	718	4.51	1.1	.4	1.8	1.2	127	.1	.1	<1	114	.95	.140	11	74	2.45	32	213	2	2.32	.072	.03	<1	<.01	5.3	<.1	<.05	6	<5
L18100E 8350N	.4	21.9	6.8	72	<1	43.4	15.6	306	3.38	1.1	.4	2.2	1.0	62	<1	.1	.1	86	.40	.102	5	41	.94	89	162	2	4.23	.021	.06	<1	94	3.5	<.1	<.05	11	<5
L18100E 8325N	.3	22.0	8.5	92	<1	34.2	12.9	917	2.83	1.6	.4	1.1	.9	92	.1	.1	.1	68	.59	.129	7	27	.77	134	131	3	3.22	.030	.15	<1	95	3.5	<.1	<.05	9	<5
L18100L 8300N	.5	24.9	6.9	84	<1	54.9	17.4	270	3.88	1.9	.6	1.1	1.4	63	.1	.2	.1	79	.30	.135	6	35	.79	200	108	1	5.97	.017	.05	.1	94	4.9	<.1	<.05	13	<5
L18100E 8275N	.3	29.9	6.7	91	<1	35.6	12.5	324	2.88	1.6	.6	<.5	1.1	50	.1	.1	.1	61	.30	.113	6	27	.57	165	102	1	3.78	.019	.04	<1	93	4.4	<.1	<.05	10	<5
L18100F 8250N	.3	29.6	5.5	78	<1	32.6	16.5	793	3.29	8.8	8	1.2	1.5	38	.1	6	.1	86	.64	.129	12	28	1.21	223	074	3	2.65	.019	.05	<1	92	5.5	<.1	<.05	9	<5
L18100L 8225N	.2	27.8	7.2	51	<1	30.7	12.5	347	2.88	2.7	1.1	1.3	1.4	95	.1	.2	.1	69	.53	.039	7	39	.87	375	140	6	2.81	.028	.04	.1	92	4.4	<.1	<.05	8	<5
L18100C 8200N	.3	19.5	4.8	92	<1	29.3	18.4	584	3.74	14.0	.9	.5	1.7	73	<1	1.4	<1	103	.68	.151	11	33	1.43	266	104	5	2.74	.015	.06	.1	91	5.6	<.1	<.05	10	<5
L18100F 8175N	.4	18.9	7.2	57	<1	30.6	12.9	336	2.77	8.7	1.0	<.5	1.1	58	<1	2	.1	75	.33	.048	9	24	.75	510	107	1	3.77	.018	.04	<1	93	4.3	<.1	<.05	10	<5
L18100E 8150N	.4	15.6	7.3	51	<1	25.0	12.7	385	2.59	3.9	.7	.5	.6	77	<1	.3	.1	70	.36	.053	7	25	.73	439	128	1	2.27	.019	.04	.1	92	3.3	<.1	<.05	8	<5
L18100L 8125N	.4	24.5	6.4	69	<1	18.2	14.2	430	2.49	5.5	.5	<.5	.7	57	.1	.3	.1	62	.37	.045	5	15	.76	349	108	3	1.79	.012	.05	<1	95	2.8	<.1	<.05	9	<5
RF L18100F 8125N	.4	23.1	5.8	66	<1	16.8	13.2	420	2.39	5.3	6	<.5	.8	56	<1	.3	.1	62	.37	.044	5	15	.74	337	110	4	1.85	.012	.04	.1	93	2.8	<.1	<.05	9	<5
L18100E 8100N	.7	29.5	5.5	78	<1	25.2	13.9	338	2.93	17.9	.8	1.3	1.9	31	<1	.5	.1	76	.23	.120	7	21	.60	181	101	2	3.45	.011	.04	.1	94	3.6	.1	<.05	9	<5
L18100L 8075N	.5	22.2	6.2	69	<1	27.2	15.1	308	2.96	11.3	.8	.8	1.3	32	<1	.4	.1	76	.20	.034	7	22	.70	347	103	2	3.64	.013	.05	.1	94	3.7	.1	<.05	11	<5
L18100E 8050N	.6	17.7	4.4	59	<1	17.6	10.2	271	2.55	6.8	.5	<.5	.7	32	<1	.3	.1	65	.25	.059	4	17	.55	162	093	2	2.69	.000	.05	.2	93	2.9	<.1	<.05	9	<5
L18100E 8025N	.4	20.4	5.1	67	<1	21.1	13.2	396	2.80	3.5	.4	1.8	.6	34	<1	.2	.1	67	.30	.119	3	19	.71	167	084	2	2.71	.009	.09	.1	93	3.7	<.1	<.05	9	<5
STANDARD DS/	20.6	11.0	70.3	411																																



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Hg	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Li	B	Al	Ru	K	W	Hf	Sc	Ti	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
G 1	.1	2.1	2.6	40	<1	3.0	4.0	437	1.70	.5	1.8	4.1	3.4	51	<1	<1	.1	29	.45	.073	7	6	.53	161	.292	1	.84	.052	.42	.1	<.01	1.5	.3	<.05	4	<.5
LB100E 8300N	.5	19.8	6.9	72	<1	30.6	14.2	356	2.94	3.8	.5	<.5	1.0	53	.2	.3	.1	84	.35	.089	6	32	.68	136	.228	<1	3.14	.019	.04	<1	.02	3.8	<1	<.05	10	<.5
RE 118100E 8900N	3	15.3	6.5	70	<1	26.0	13.9	334	2.84	3.6	.4	1.9	1.3	57	.1	.3	.1	81	.35	.075	5	33	.64	130	.293	<1	2.88	.018	.04	<1	.04	3.6	<1	<.05	9	<.5
LB100E 7975N	2	16.2	5.9	43	<1	20.6	9.1	452	2.05	2.3	.8	6	.9	70	<1	.2	.1	52	.39	.035	8	22	.57	102	.203	<1	2.13	.020	.04	<1	.01	3.5	.1	<.05	7	<.5
LB100E 7950N	3	14.8	5.6	58	<1	22.4	11.9	362	2.47	2.2	.5	5	.9	55	.1	.3	.1	63	.31	.045	6	27	.51	129	.216	<1	2.17	.015	.06	<1	.02	2.8	<1	<.05	7	<.5
LB100E 7925N	2	16.7	4.2	54	<1	27.3	11.3	353	2.63	2.5	6	1.9	1.2	87	.1	.3	<1	64	.47	.057	9	29	.92	143	.091	<1	2.25	.018	.07	<1	<.01	4.0	<1	<.05	6	<.5
LB100E 7900N	3	14.5	6.4	61	<1	26.4	9.6	332	2.47	1.9	.6	1.7	1.0	66	.1	.3	.1	69	.37	.029	5	31	.67	127	.258	<1	2.02	.021	.05	<1	.02	3.2	<1	<.05	7	<.5
LB100E 7875N	3	16.9	6.9	84	<1	37.9	12.9	287	2.82	2.5	.5	6	.7	57	.1	.1	.1	57	.42	.105	7	28	.65	142	.056	<1	4.15	.015	.05	<1	.03	3.6	<1	<.05	12	<.5
LB100E 7850N	4	16.1	6.1	61	<1	31.1	15.3	564	2.93	2.6	.5	<.5	.9	79	.1	.2	.1	75	.46	.053	8	30	.89	127	.222	<1	2.44	.019	.05	<1	.03	3.6	<1	<.05	7	<.5
LB100E 7825N	3	11.3	6.5	59	<1	18.1	7.2	238	1.90	1.1	.4	<.5	.8	52	.1	.7	.1	45	.27	.031	4	22	.51	84	.226	<1	1.64	.017	.04	<1	.02	2.4	<1	<.05	6	<.5
LB100E 7800N	3	14.5	5.6	42	<1	21.3	11.5	834	2.05	1.7	.7	<.5	1.1	68	<1	.2	.1	53	.36	.038	10	23	.61	91	.205	<1	2.08	.020	.03	<1	.02	3.8	<1	<.05	6	<.5
LB150E 8400N	3	22.7	4.0	50	<1	37.0	15.9	394	3.33	1.2	.4	2.6	1.0	86	<1	.1	.1	63	.40	.069	7	41	.86	93	.256	<1	2.76	.030	.06	<1	.02	4.3	<1	<.05	7	<.5
LB150E 8375N	3	19.5	6.3	62	<1	35.8	12.3	908	2.63	1.3	.6	1.0	1.0	73	.1	.1	.1	64	.46	.068	11	32	.76	102	.210	<1	3.09	.023	.06	<1	.03	5.6	.1	<.05	7	<.5
LB150E 8350N	4	38.5	2.8	62	<1	74.2	30.5	690	4.77	.8	.5	.7	1.1	122	<1	.1	<.1	91	1.03	.135	12	56	2.58	47	.243	1	2.32	.070	.06	<1	.01	7.7	<1	<.05	5	<.5
LB150E 8325N	4	19.5	5.8	75	<1	36.7	14.9	223	2.79	1.6	.4	1.3	.8	47	.2	.1	.1	58	.31	.119	4	36	.72	116	.235	<1	3.95	.021	.04	<1	.02	2.7	<1	<.05	10	<.5
LB150E 8300N	2	16.6	7.2	58	<1	27.7	9.9	331	2.36	1.0	.8	.8	1.1	70	.1	.2	.1	49	.56	.028	8	28	.73	180	.239	<1	2.47	.030	.03	<1	.02	4.4	<1	<.05	7	<.5
LB150E 8275N	3	23.0	6.4	57	<1	33.1	12.6	409	2.97	1.7	1.2	<.5	1.2	86	.1	.2	.1	79	.63	.045	13	38	.90	286	.252	<1	2.44	.035	.05	<1	.02	5.2	<1	<.05	5	<.5
LB150E 8250N	4	21.3	5.5	64	<1	31.6	12.4	336	2.85	1.9	.7	1.0	1.0	59	<1	.1	.1	73	.47	.043	12	34	.70	200	.227	<1	2.50	.026	.04	<1	.01	4.7	<1	<.05	7	<.5
LB150E 8225N	5	36.1	7.7	131	<1	42.0	17.9	2919	3.05	9.1	1.3	<.5	1.1	93	.1	.6	.1	65	.60	.103	48	30	.67	323	.073	<1	3.75	.017	.05	<1	.04	9.2	.1	<.05	19	<.5
LB150E 8200N	5	24.4	7.1	76	<1	36.5	13.5	389	4.98	35.4	.8	3.5	1.4	36	<1	0.5	.1	121	.36	.109	6	36	.61	143	.059	4	2.23	.011	.05	.1	.03	4.3	<1	<.05	7	<.5
LB150E 8175N	3	22.1	4.4	94	<1	29.9	20.1	736	3.62	14.2	.8	<.5	1.5	56	<1	1.5	.1	89	.64	.145	10	30	1.55	179	.047	3	2.63	.014	.06	.5	.02	5.2	<1	<.05	13	<.5
LB150E 8150N	4	23.5	4.7	70	<1	44.9	15.5	333	3.62	4.3	.6	<.5	1.2	35	<1	.3	.1	79	.22	.089	5	36	.81	412	.091	<1	4.45	.013	.06	<1	.03	4.3	<1	<.05	13	<.5
LB150E 8125N	5	20.9	5.4	85	<1	35.4	16.9	499	3.64	8.9	.7	<.5	1.2	33	<1	.3	.1	69	.21	.116	6	31	.81	284	.080	<1	4.37	.099	.05	.1	.03	4.4	.1	<.05	12	<.5
LB150E 8100N	7	15.0	6.2	93	<1	23.3	13.9	376	3.54	6.0	6	<.5	1.1	19	<1	.4	.1	71	.18	.165	3	22	.66	162	.290	1	3.15	.098	.04	.2	.03	3.5	<1	<.05	11	<.5
LB150E 8075N	7	19.4	5.0	72	<1	30.9	14.7	318	3.25	5.4	.5	1.2	1.0	29	<1	.4	.1	75	.23	.111	3	27	.61	165	.294	<1	2.82	.099	.05	.1	.04	3.4	.1	<.05	10	<.5
LB150E 8050N	6	23.0	5.1	71	<1	33.4	15.3	312	3.59	4.7	.5	<.5	1.1	24	<1	.3	.1	76	.10	.137	4	29	.59	144	.090	<1	3.47	.098	.06	.1	.03	3.6	<1	<.05	11	<.5
LB150E 8025N	7	27.1	5.6	70	<1	41.1	16.1	362	3.79	5.9	.5	1.1	1.4	35	.1	.4	.1	79	.24	.104	4	31	.86	220	.099	1	4.31	.012	.06	<1	.03	4.7	.1	<.05	11	<.5
LB150E 8000N	2	11.5	4.9	51	<1	9.9	6.7	298	1.92	1.9	.2	6	.8	27	<1	.1	.1	59	.24	.061	2	12	.41	160	.194	1	2.37	.009	.05	<1	.02	1.8	<1	<.05	7	<.5
LB150E 7975N	6	21.6	5.1	82	<1	42.8	16.8	344	3.97	4.5	.6	<.5	1.5	28	<1	.2	.1	83	.19	.147	6	33	.72	137	.195	<1	4.92	.011	.06	<1	.04	5.4	<1	<.05	11	<.5
LB150E 7950N	3	16.1	7.3	72	<1	24.9	11.4	350	2.45	1.2	.5	<.5	1.0	57	<1	.2	.1	61	.33	.038	5	27	.65	93	.261	<1	2.36	.019	.04	<1	.04	3.4	<1	<.05	8	<.5
LB150E 7925N	2	23.7	3.7	77	<1	29.4	18.5	797	3.62	5.2	.8	<.5	1.6	225	<1	.2	<.1	87	.83	.151	9	30	1.23	244	.130	1	2.68	.022	.11	<1	.01	5.2	.1	<.05	9	<.5
LB150E 7900N	3	16.4	5.3	46	<1	29.4	12.5	399	2.89	2.4	.9	.9	1.6	135	.1	.3	.1	64	.58	.068	7	30	.94	151	.110	2	2.56	.028	.06	<1	.03	5.1	<1	<.05	7	<.5
LB150E 7875N	4	26.1	5.2	72	<1	37.3	15.5	432	3.48	3.4	.7	<.5	1.2	80	<1	.3	.1	93	.51	.058	9	34	1.06	168	.135	1	2.86	.022	.04	<1	.02	5.5	.1	<.05	8	<.5
LB150E 7850N	4	16.7	6.0	66	<1	31.2	14.5	699	2.98	2.4	.7	<.5	1.1	88	<1	.3	.1	77	.48	.063	7	32	.90	135	.122	2	2.59	.025	.06	<1	.02	4.7	<1	<.05	7	<.5
LB150E 7825N	4	23.2	5.5	70	<1	34.7	16.9	796	3.32	3.5	.6	<.5	1.2	90	.1	.3	.1	84	.49	.085	8	34	.88	173	.113	<1	3.07	.020	.07	<1	.02	5.5	.1	<.05	9	<.5
STANDARD DS7	21	3106.5																																		



SAMPLE#	Mo	Cu	Pb	Zr	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Me	K	Hg	Sc	Tl	S	Ga	Se	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppm	ppm		
6-1	.1	2.0	2.9	42	<.1	3.6	4.1	496	1.82	<.5	1.9	<.5	3.7	55	<.1	<.1	1	30	46	.078	7	6	55	163	.113	1	.86	.058	.43	.1	.91	2.0	.3	<.05	5	<.5
18150E 7800N	1	24.8	2.0	76	<.1	18.5	25.1	519	3.03	5.1	.7	.9	3.1	139	.1	.2	<.1	88	1.07	.294	9	19	1.16	290	.061	1	2.91	.012	.25	<.1	.91	8.8	.1	<.05	9	<.5
18200E 8400N	2	11.1	3.9	68	<.1	13.8	7.5	164	1.88	1.0	.3	<.5	.6	71	<.1	.1	.1	45	1.46	.041	4	16	55	123	.022	1	1.69	.037	.65	<.1	.91	2.8	<.1	<.05	7	<.5
18200E 8375N	7	22.7	5.0	66	<.1	12.1	15.9	399	3.07	1.6	.4	1.0	.9	31	.2	.1	.1	63	1.21	.225	4	33	79	69	.177	<.1	4.04	.029	.65	<.1	.92	3.3	<.1	<.05	10	<.5
18200E 8365N	4	15.4	7.3	64	<.1	33.5	12.2	306	2.53	1.4	.3	<.5	.6	28	.1	.1	.1	49	.20	.223	3	30	.57	75	.135	<.1	3.08	.021	.65	<.1	.94	2.7	<.1	<.05	10	<.5
18200E 8075N	.6	28.8	4.9	72	<.1	57.0	19.7	476	4.06	1.3	.3	2.0	.8	53	.1	.1	.1	74	.32	.039	3	44	1.20	96	.170	<.1	5.07	.022	.65	.1	.95	3.1	<.1	<.05	12	<.5
18200E 8300N	.5	23.1	5.9	79	<.1	43.4	16.2	366	3.55	3.3	.4	<.5	1.0	39	.1	.1	.1	69	.22	.145	4	36	72	184	.115	1	4.39	.017	.69	<.1	.94	4.2	<.1	<.05	11	<.5
18200E 8275N	.4	12.3	5.7	55	<.1	30.7	12.2	405	2.89	9.9	1.7	2.1	1.1	75	.1	.5	.1	74	.76	.032	19	32	62	415	.113	1	2.87	.025	.65	<.1	.93	5.3	.1	<.05	8	<.5
RE 18200E 8275N	.3	19.3	6.9	53	<.1	31.9	12.5	508	2.91	10.3	1.8	.9	1.1	75	.1	.4	.1	75	.75	.030	19	32	61	425	.114	4	2.77	.025	.65	<.1	.92	5.2	.1	<.05	8	<.5
18200E 8200N	.4	21.6	6.4	96	<.1	41.5	16.0	593	3.51	4.1	.4	<.5	.8	58	.2	.3	.1	79	.46	.116	5	36	83	196	.119	1	3.48	.019	.67	<.1	.93	4.0	<.1	<.05	10	<.5
18200E 8225N	.7	13.4	8.9	131	<.1	20.7	10.4	393	3.42	14.7	.4	.7	1.0	17	.1	1.5	.1	73	.17	.138	4	25	.26	94	.079	4	2.39	.011	.64	<.1	.94	2.5	<.1	<.05	10	<.5
18200E 8200N	.5	23.5	3.5	69	<.1	39.1	15.5	307	3.28	5.8	.5	<.5	.9	33	.1	.2	<.1	71	.41	.156	4	31	.94	166	.045	1	4.46	.039	.10	.1	.94	5.7	<.1	<.05	11	<.5
18200E 8175N	2	23.6	3.2	86	<.1	17.7	16.6	819	3.23	12.1	.8	<.5	1.6	39	<.1	.4	<.1	73	.74	.229	11	16	1.42	125	.010	7	2.54	.035	.65	.2	.92	8.5	<.1	<.05	9	<.5
18200E 8150N	.5	10.1	5.7	99	<.1	17.7	17.4	526	3.98	10.2	.5	.6	1.4	21	.1	.4	.1	84	.14	.195	3	21	1.15	54	.032	4	2.30	.037	.64	.1	.91	4.0	.1	<.05	14	<.5
18200E 8125N	.4	13.9	4.3	85	<.1	20.8	13.5	513	2.96	4.8	.5	.6	1.1	34	<.1	.2	.1	69	.38	.147	4	21	.95	128	.081	2	2.94	.008	.66	.1	.93	4.1	<.1	<.05	11	<.5
18200E 8100N	.7	40.0	6.6	69	<.1	41.6	18.6	400	3.64	6.9	.6	.9	1.6	27	.1	.3	.5	78	.17	.111	5	31	.06	256	.039	2	4.95	.011	.65	<.1	.94	5.1	.1	<.05	13	<.5
18200E 8075N	.4	9.5	5.8	74	<.1	14.9	11.7	441	2.72	3.5	.3	<.5	.6	20	<.1	.3	.1	58	.18	.038	2	16	.65	62	.116	2	1.70	.007	.64	.1	.93	2.7	<.1	<.05	11	<.5
18200E 8050N	.4	15.0	7.1	78	<.1	25.3	13.2	507	2.73	2.7	.4	.6	1.2	48	.1	.3	.1	79	.28	.056	5	27	.56	101	.123	1	2.67	.014	.64	<.1	.93	3.5	<.1	<.05	9	<.5
18200E 8025N	.3	10.5	6.7	44	<.1	16.3	9.1	150	2.03	2.3	.3	1.2	1.4	27	.1	.2	.1	45	.17	.053	4	17	.38	73	.077	<.1	2.49	.012	.64	<.1	.93	2.5	<.1	<.05	9	<.5
18200E 8000N	.4	21.6	6.2	86	<.1	20.9	15.1	561	3.17	3.0	.4	2.9	.8	38	.1	.2	.1	67	.30	.125	7	27	.71	102	.093	3	3.05	.011	.65	<.1	.92	4.0	<.1	<.05	11	<.5
18200E 7975N	.5	20.5	5.4	75	<.1	36.1	15.4	436	3.39	2.8	.4	<.5	1.2	34	.1	.3	.1	79	.24	.122	4	32	.52	117	.111	1	3.48	.012	.66	.1	.93	3.7	<.1	<.05	11	<.5
18200E 7950N	.2	14.7	6.7	82	<.1	24.3	11.1	287	2.41	1.6	.3	1.7	.7	42	<.1	.2	.1	59	.29	.055	4	24	.55	92	.123	1	2.28	.013	.64	<.1	.92	2.7	<.1	<.05	9	<.5
18200E 7925N	.5	21.9	5.7	74	<.1	28.5	13.4	299	3.11	4.0	.6	.6	.9	49	.1	.3	.1	67	.34	.038	7	25	.78	118	.092	1	3.69	.012	.65	.1	.95	4.0	<.1	<.05	12	<.5
18200E 7900N	.2	15.3	5.3	65	<.1	21.1	12.7	331	2.22	2.4	.6	.6	1.0	70	<.1	.2	.1	58	.38	.032	5	27	.77	109	.150	2	1.94	.019	.64	.1	<.01	2.8	<.1	<.05	7	<.5
18200E 7875N	.4	15.6	4.4	66	<.1	26.3	12.9	315	2.79	3.9	.6	1.3	.6	70	<.1	.3	.1	71	.40	.075	4	27	.79	146	.132	2	2.29	.015	.65	<.1	.92	3.0	<.1	<.05	8	<.5
18200E 7850N	.6	21.6	5.3	75	<.1	26.9	13.7	448	3.13	4.2	.4	1.8	1.7	28	.1	.2	.1	77	.23	.119	3	25	.65	121	.117	3	2.84	.009	.67	<.1	.94	3.0	<.1	<.05	11	<.5
18200E 7825N	.3	17.5	6.9	61	<.1	27.7	18.5	880	2.76	3.2	.6	.7	1.0	77	.1	.3	.1	75	.41	.069	7	28	.92	117	.124	<.1	2.69	.015	.64	<.1	.92	3.2	<.1	<.05	8	<.5
18200E 7800N	.6	20.4	6.1	62	<.1	26.3	12.6	323	2.65	2.9	.8	3.0	1.3	45	.1	.2	.1	65	.22	.057	6	24	.58	156	.113	1	3.05	.013	.64	<.1	.94	3.2	.1	<.05	11	<.5
18200E 7775N	.6	24.6	5.5	71	<.1	30.9	13.5	365	3.29	4.2	.6	1.3	1.4	26	.1	.2	.1	76	.16	.103	5	26	.71	140	.124	1	4.13	.011	.65	<.1	.95	3.9	.1	<.05	11	<.5
18200E 7750N	.6	18.0	5.9	72	<.1	17.2	10.7	714	2.72	1.7	.4	2.5	.9	25	.1	.1	.1	62	.20	.100	3	19	.55	191	.123	1	2.23	.009	.65	<.1	.93	2.4	<.1	<.05	11	<.5
18200E 7725N	.6	17.6	6.2	68	<.1	32.4	14.0	427	3.29	3.4	.5	6.7	1.3	46	<.1	.2	.1	74	.26	.104	4	25	.64	156	.138	3	3.66	.012	.66	<.1	.93	3.5	.1	<.05	13	<.5
18200E 7700N	.3	22.4	4.7	68	<.1	30.3	13.8	481	2.95	3.3	.6	2.3	1.8	110	.1	.2	.1	74	.42	.124	7	28	.86	231	.038	1	3.42	.012	.14	<.1	.94	4.4	.1	<.05	10	<.5
18200E 7675N	.3	20.8	4.1	68	<.1	30.3	15.1	541	3.02	2.6	.7	<.5	1.4	101	<.1	.2	.1	77	.51	.123	7	28	.56	188	.112	1	2.98	.014	.14	<.1	.92	4.6	.1	<.05	9	<.5
18200E 7650N	2	6.3	3.4	42	<.1	9.0	5.4	233	1.64	.6	.3	1.5	.9	57	<.1	.1	<.1	43	.26	.053	2	10	.51	133	.057	2	1.50	.009	.66	<.1	.91	2.1	<.1	<.05	8	<.5
18200E 7625N	.6	17.4	4.7	69	<.1	22.1	12.8	346	2.58	2.4	.4	2.3	1.5	55	<.1	.2	.1	76	.20	.064	3	22	.65	144	.161	2	2.96	.011	.68	.1	.93	2.6	.1	<.05	16	<.5
STANDARD DS7	20.5	109.0	71.7	499	.9	56.3	9.5	640																												



SAMPLE#	As	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	S	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
5-1	1	2.0	2.7	41	<1	3.6	3.9	406	1.73	<5	1.8	<5	3.6	57	<1	<1	.1	32	.46	.074	8	6	53	163	.112	2	.84	.053	.41	.1	.01	1.8	.3	.05	4	<5
L1820DE 760DN	.3	34.0	3.1	111	<1	20.6	17.4	703	3.46	2.9	.7	<5	2.6	.54	<1	.2	.1	89	.33	.091	3	22	22	255	.209	6	2.48	.009	.07	<1	.02	4.4	.1	<.05	13	<5
L1920UL 7575N	.1	13.6	2.7	81	<1	15.6	13.4	458	3.44	1.7	.3	<5	1.5	.17	<1	.1	<1	95	.35	.126	3	24	39	261	.137	3	2.33	.008	.11	<1	.01	3.8	<1	<.05	11	<5
L1820DF 755DN	.3	16.9	4.4	78	<1	24.5	13.9	470	3.07	3.0	.4	1.1	1.1	.69	.1	.0	.1	85	.32	.137	4	27	72	164	.139	3	2.34	.014	.11	<1	.03	3.5	.1	<.05	8	<5
L1920DE 7525N	.6	19.7	5.5	101	<1	32.9	16.3	967	3.35	3.3	.4	<5	1.3	.49	.1	.2	.1	81	.25	.139	4	26	.68	155	.148	3	3.45	.012	.08	<1	.05	3.8	.1	<.05	12	<5
L1820DC 750DN	.5	19.9	4.4	67	<1	28.1	13.5	354	2.98	4.1	.5	<5	1.1	53	.1	.3	.1	79	.29	.137	4	23	.73	148	.106	2	3.49	.011	.09	<1	.03	3.5	<1	<.05	10	<5
L1920DF 7475N	4	20.3	4.1	75	<1	32.6	14.9	408	3.47	3.5	.4	.9	1.3	.48	<1	.3	.1	93	.25	.111	4	32	.77	112	.131	2	3.56	.009	.08	<1	.04	4.1	.1	<.05	11	<5
L1820DE 745DN	.3	14.0	4.2	81	<1	21.8	16.1	510	3.28	2.2	.4	<5	1.0	.56	<1	.3	.1	85	.34	.037	3	25	86	115	.149	3	2.22	.010	.05	<1	.02	4.1	<1	<.05	9	<5
L1920UL 7425N	.5	21.2	6.3	57	<1	27.5	17.4	582	3.34	3.0	.4	<5	1.2	.48	<1	.3	.1	83	.32	.135	4	25	.89	132	.162	5	2.67	.010	.06	<1	.02	3.6	<1	<.05	12	<5
L1820DC 740DN	.6	25.4	4.3	115	<1	24.7	16.4	949	3.21	2.2	.5	2.0	3.5	.63	.1	.3	.1	68	.31	.036	3	25	93	175	.195	3	2.42	.009	.07	.1	.02	3.4	.1	<.05	11	<5
L1925DE 940DN	.3	17.4	5.6	108	.3	33.1	13.9	345	3.02	2.1	.5	<5	1.2	.37	.3	.1	.1	68	.25	.127	5	29	.53	171	.091	3	3.83	.014	.07	<1	.04	4.5	.1	<.05	10	<5
L1825UL 8375N	.5	14.1	5.5	74	.2	14.3	7.1	200	2.38	.9	.4	1.2	.5	.50	.1	.1	.1	49	.33	.051	6	19	44	136	.037	2	2.71	.000	.09	<1	.02	3.3	<1	<.05	9	<5
L1825DC 835DN	.1	13.5	5.7	87	.1	21.2	10.2	304	2.50	2.0	.4	<5	.5	1.31	<1	.1	.1	92	.41	.156	5	19	56	263	.047	2	3.30	.011	.13	<1	.03	3.6	<1	<.05	9	<5
L1825DE 8325N	5	26.4	5.0	95	<1	39.6	18.2	617	3.50	6.1	.5	<5	.7	.53	.2	.2	.1	87	.49	.072	4	38	87	285	.107	3	3.42	.016	.07	<1	.03	4.9	<1	<.05	10	<5
L1825DE 830DN	.2	22.9	4.7	69	<1	18.8	12.5	556	2.67	11.9	.7	1.0	1.2	1.38	.1	1.1	<1	62	.82	.034	13	18	.90	235	.021	5	1.95	.012	.19	<1	.03	6.3	.1	.06	7	<5
L1825DC 8275N	.4	10.5	4.2	83	<1	12.3	11.4	374	2.34	8.5	.4	<5	1.0	.19	.1	.3	<1	53	.17	.090	4	17	43	91	.020	3	1.65	.006	.06	<1	.01	2.7	<1	<.05	8	<5
L1825DF 825DN	2	22.3	6.0	102	<1	39.7	16.1	878	3.22	3.3	4	2.4	1.1	.45	.2	.2	.1	71	.35	.177	5	33	.72	147	.106	3	3.51	.015	.13	<1	.04	5.9	.1	<.05	10	<5
L1825DE 8225N	4	22.1	5.8	114	.1	44.5	17.6	475	3.80	5.2	.5	1.3	1.0	.54	.1	.2	.1	89	.38	.137	5	37	.84	157	.115	3	4.74	.017	.06	<1	.04	5.2	<1	<.05	12	<5
L1825UL 820DN	.5	20.8	6.5	156	<1	42.4	14.5	310	3.50	5.8	.5	2.3	1.2	.34	.1	.3	.1	75	.26	.114	6	32	.67	152	.109	2	4.07	.015	.05	<1	.03	4.5	<1	<.05	11	<5
L1825DC 8175N	.3	10.9	7.2	89	<1	18.2	10.3	265	2.78	7.8	.6	2.3	1.1	.32	.1	.3	.1	67	.21	.100	5	24	40	122	.076	3	2.14	.012	.04	<1	.02	3.2	<1	<.05	8	<5
RE L1825DE 8175N	.5	11.9	7.4	89	<1	19.4	11.9	266	2.93	7.9	.5	1.6	1.0	.32	.1	.3	.1	65	.21	.099	5	23	.42	125	.075	3	2.27	.012	.04	<1	.03	3.2	<1	<.05	9	<5
L1825DE 815DN	.4	18.9	8.0	109	<1	35.3	12.8	221	2.80	2.9	.4	<5	.9	.37	.1	.1	.1	57	.25	.114	5	28	.60	127	.094	2	4.35	.013	.06	<1	.03	4.0	<1	<.05	12	<5
L1825UL 8125N	.3	20.0	6.4	74	<1	32.3	13.8	376	3.07	2.1	.5	.9	1.3	.77	.2	.3	.1	83	.39	.058	6	41	.81	125	.170	3	2.48	.020	.04	<1	.02	4.0	<1	<.05	7	<5
L1825DC 810DN	.4	15.6	6.1	69	<1	25.2	11.5	501	2.45	1.2	.4	5.6	.5	.41	.1	.1	.1	56	.24	.091	7	26	.56	82	.106	1	2.83	.018	.04	<1	.01	3.5	<1	<.05	9	<5
L1825DF 8075N	.3	22.5	5.2	64	<1	32.6	14.7	504	3.17	2.8	.6	1.2	1.2	1.05	.1	.2	.1	63	.55	.034	10	33	93	112	.109	3	2.39	.026	.08	<1	.02	5.7	<1	<.05	7	<5
L1825UL 805DN	.4	26.1	5.0	62	<1	38.1	18.1	588	3.49	4.8	.8	<5	1.4	1.65	.1	.3	.1	99	.65	.085	11	35	1.15	213	.116	3	2.95	.026	.09	<1	.02	7.1	<1	.06	9	<5
L1825DC 8025N	4	27.0	6.2	53	<1	30.6	21.6	1450	3.28	4.9	2.9	1.0	1.4	.81	.1	.2	.1	99	.47	.044	16	26	.86	305	.082	2	3.52	.021	.05	<1	.02	6.2	.1	<.05	10	<5
L1825DF 800DN	5	20.3	4.0	105	<1	21.6	16.2	549	3.66	5.4	.6	<5	1.3	.20	.1	.2	.1	77	.22	.154	3	19	.94	63	.094	6	3.35	.008	.06	.1	.02	4.7	.1	<.05	13	<5
L1825DE 7975N	.1	10.0	3.2	65	<1	14.1	10.1	372	2.28	2.9	.5	<5	.7	.42	.1	.1	.1	54	.48	.128	4	13	.81	107	.046	4	2.67	.009	.11	<1	<.01	4.2	.1	<.05	8	<5
L1825UL 795DN	.4	19.5	5.3	72	<1	27.9	15.9	413	3.24	5.7	.7	<5	1.2	.39	<1	.2	.1	78	.36	.038	6	24	.86	205	.003	3	3.13	.010	.09	<1	.03	4.9	.1	<.05	11	<5
L1825DE 7925N	5	23.1	5.2	97	<1	34.9	16.2	424	3.73	8.2	.6	<5	1.6	.34	.1	.3	.1	85	.27	.140	5	29	.84	163	.106	3	3.77	.009	.06	<1	.02	4.9	<1	<.05	12	<5
L1825DE 790DN	4	19.1	4.5	42	<1	5.8	7.9	297	1.93	2.0	.4	<5	1.2	.26	<1	.2	.1	45	.20	.017	2	11	47	35	.055	3	.99	.009	.03	<1	<.01	2.2	<1	.06	8	<5
L1825UL 7875N	.6	17.8	4.7	82	<1	23.6	14.2	465	3.51	4.9	.7	<5	1.5	.30	.1	.2	.1	83	.29	.048	4	21	.82	192	.145	3	2.41	.009	.07	<1	.03	4.3	<1	.07	12	<5
L1825DF 785DN	.5	41.9	6.0	79	<1	21.0	12.5	392	3.20	5.7	.6	<5	1.3	.30	.1	.2	.1	71	.23	.150	5	23	.56	122	.052	3	2.83	.009	.05	<1	.02	3.4	<1	<.05	11	<5
L1825DE 7825N	.5	33.4	6.0	82	<1	23.7	13.7	416	3.27	4.5	.5	<5	1.2	.32	.1	.2	.1	76	.22	.097	4	24	.67	127	.122	2	2.65	.010	.05	.1	.03	3.5	<1	<.05	11	<5
STANDARD US/	21.3	108.1	69.9	417	.3	55.8	9.6	533	2.41	47.5	4.9																									



SAMPLE#	Kc	Co	Pb	Zn	Ag	Mn	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	S	Al	Na	K	W	Hg	Se	Li	B	Ga	Be
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm		
G-1	.1	1.7	2.9	41	<1	3.5	3.8	456	1.79	<5	1.9	1.1	3.4	56	<1	<1	.1	30	.47	.072	7	7	54	152	.112	3	.85	.060	.44	.1	<.01	2.3	3	<.05	4	<.5
L18250E 7800K	.5	22.4	5.5	72	<1	22.1	16.5	791	2.88	3.7	.8	<.5	1.4	57	<1	.2	.1	81	.35	.053	5	28	76	142	.113	1	2.67	.013	.05	<.1	.02	4.8	.1	<.05	9	<.5
L18250E 7775A	.9	18.5	5.6	92	.2	22.3	11.5	359	3.73	6.3	.5	1.6	1.5	22	.1	.3	.1	84	.17	.157	3	29	64	115	.131	2	3.26	.008	.06	.1	.07	4.2	<.1	<.05	13	<.5
L18250E 7750K	6	34.5	4.7	109	<1	26.3	14.1	459	3.58	4.4	5	2.3	1.8	30	.1	2	.1	74	.23	.164	3	29	79	103	.164	2	3.24	.007	.04	<.1	.04	4.6	<.1	<.05	12	<.5
L18250E 7725A	.2	13.4	3.9	55	<1	16.3	9.9	382	2.01	2.4	.6	<.5	.8	68	<1	.3	<.1	50	.40	.050	4	21	68	159	.089	<1	1.84	.013	.05	<.1	.02	3.6	<.1	<.05	7	<.5
L18250E 7700K	.3	18.7	5.4	47	<1	21.4	11.4	355	2.41	2.9	1.0	1.2	1.3	67	<1	.2	.1	63	.35	.052	3	26	65	159	.168	2	2.74	.015	.06	.1	.04	4.7	.1	<.05	9	<.5
L18250E 7675A	.4	31.2	4.1	133	<1	23.6	20.2	882	3.69	5.7	.5	.8	1.3	33	<1	.2	.1	67	.30	.103	2	31	119	55	.182	6	1.93	.005	.03	<.1	.04	4.2	<.1	<.05	12	<.5
RE L18250E 7675M	.4	30.4	4.2	135	<1	23.3	20.7	857	3.72	6.1	.5	.6	1.6	34	.1	.3	.1	59	.29	.102	2	31	117	55	.187	6	1.86	.005	.03	<.1	.02	4.1	<.1	<.05	12	<.5
L18250E 7650K	.3	15.7	4.9	68	<1	20.3	11.4	389	2.69	2.5	.5	1.2	1.0	54	<1	.4	.1	52	.35	.115	4	25	70	128	.098	1	2.37	.011	.06	<.1	.01	4.1	<.1	<.05	10	<.5
L18250E 7625A	.5	21.6	4.2	71	<1	25.3	14.5	490	2.93	4.2	.9	1.0	1.6	79	<1	.2	.1	74	.45	.108	5	29	84	229	.119	2	3.02	.010	.11	.1	.03	5.7	.1	<.05	10	<.5
L18250E 7600K	.4	39.5	3.7	108	<1	25.8	21.0	668	3.55	4.0	.6	1.4	1.2	45	<1	.2	.1	74	.49	.139	5	27	111	118	.153	7	2.70	.008	.06	.1	.03	6.2	<.1	<.05	11	<.5
L18250E 7575A	.4	21.4	4.1	80	<1	27.9	16.9	555	3.12	4.5	.8	<.5	2.1	63	<1	.2	.1	74	.53	.197	6	31	100	179	.135	3	3.17	.010	.10	.1	.03	5.6	.1	<.05	10	<.5
L18250E 7550K	.2	21.6	3.9	71	<1	25.9	14.5	595	2.92	4.4	.7	1.7	1.5	101	<1	.3	<.1	76	.59	.117	7	31	94	253	.169	2	2.65	.010	.14	.1	.04	5.6	.1	<.05	8	<.5
L18250E 7525A	.4	14.5	6.4	56	<1	18.5	11.2	568	2.85	2.9	.4	1.2	1.9	31	.1	.2	.1	68	.21	.101	4	24	66	112	.144	2	2.41	.009	.05	.1	.02	3.4	.1	<.05	12	<.5
L18250E 7500K	.5	11.5	4.8	57	<1	18.2	10.7	267	2.86	2.5	.4	2.7	.9	42	<1	.3	.1	73	.22	.089	4	26	49	99	.133	1	2.33	.009	.06	.1	.03	2.8	<.1	<.05	10	<.5
L18250E 7475A	.3	13.6	3.7	67	<1	17.5	12.8	387	3.04	2.9	.3	1.3	1.9	167	.1	.3	.1	81	.24	.098	3	26	64	272	.126	1	2.23	.009	.03	.1	.03	3.2	<.1	<.05	10	<.5
L18250E 7450K	.3	17.9	5.2	72	<1	22.5	14.2	806	2.90	3.3	.4	.6	1.2	86	<1	.4	.1	80	.44	.087	4	28	77	143	.117	2	2.03	.010	.12	<.1	.02	4.7	.1	<.05	7	<.5
L18250E 7425A	.2	19.8	3.8	54	<1	17.7	9.8	364	2.09	5.3	.8	2.2	1.0	113	<1	.7	.1	58	.57	.038	13	23	67	163	.082	2	1.56	.020	.06	.1	.01	5.7	.1	<.05	6	<.5
L18250E 7400K	.3	23.0	5.6	60	<1	22.2	15.4	542	2.89	10.7	.6	3.3	1.6	94	<1	1.4	.1	33	.53	.071	8	28	95	155	.085	1	2.01	.013	.12	<.1	.02	7.5	.1	<.05	7	<.5
L18300E 8400K	.6	26.3	5.4	81	.2	40.6	16.0	539	3.47	3.0	.7	<.5	.7	80	.1	.2	.1	80	.67	.076	7	41	77	219	.082	1	3.12	.015	.10	<.1	.03	5.5	<.1	<.05	9	<.5
L18300E 8375A	.5	23.4	5.6	86	.2	41.4	15.9	385	3.35	4.9	.8	2.1	.9	75	.1	.3	.1	74	.59	.167	5	42	37	249	.082	1	3.21	.014	.14	<.1	.03	5.3	<.1	<.05	9	<.5
L18300E 8350K	.5	22.6	5.4	98	.1	34.2	14.1	405	3.14	2.2	.4	.9	.8	70	.2	.1	.1	54	.49	.159	5	39	78	169	.069	1	3.03	.015	.03	<.1	.04	5.4	<.1	<.05	8	<.5
L18300E 8325A	.7	25.3	4.6	70	.2	38.3	15.2	467	3.00	3.3	.4	.6	.7	91	.2	.4	.1	55	.54	.091	7	34	80	133	.069	1	3.09	.021	.06	.1	.05	5.5	<.1	<.05	9	<.5
L18300E 8300K	.4	24.4	4.9	71	<1	37.5	17.9	807	3.10	6.0	.6	2.9	1.2	103	.1	.5	.1	77	.70	.122	11	38	106	172	.077	2	2.45	.024	.14	<.1	.02	8.4	.1	<.05	7	<.5
L18300E 8275A	.4	19.9	5.3	90	.1	38.9	15.0	367	3.23	4.1	.5	.6	1.1	65	.1	.2	.1	66	.41	.163	7	38	69	165	.072	1	3.64	.014	.10	<.1	.05	6.0	<.1	<.05	9	<.5
L18300E 8250K	.3	21.9	6.0	80	<1	28.9	14.6	691	3.14	16.5	1.8	<.5	.9	104	.2	.4	.1	70	.81	.101	19	31	74	277	.035	2	2.65	.013	.05	<.1	.06	7.5	<.1	<.05	3	<.5
L18300E 8225A	.5	16.3	5.5	88	<1	31.7	12.1	772	2.76	4.4	.4	.5	.0	29	.1	.3	.1	50	.18	.116	5	32	50	151	.074	1	3.55	.012	.07	<.1	.04	4.2	<.1	<.05	10	<.5
L18300E 8200K	.5	13.1	6.5	141	<1	25.7	13.5	563	3.29	19.7	.6	<.5	.9	21	.1	.3	.1	75	.17	.136	5	28	43	163	.042	2	3.11	.009	.09	<.1	.04	4.4	.1	<.05	10	<.5
L18300E 8175A	.3	14.2	6.3	63	<1	16.7	9.3	214	2.81	16.4	.7	.8	.7	40	.1	.3	.1	51	.30	.095	9	22	48	185	.025	1	2.07	.006	.05	<.1	.02	3.5	<.1	<.05	9	<.5
L18300E 8150K	.4	11.7	5.6	56	<1	17.4	8.8	209	2.74	5.8	.4	.3	1.2	17	<1	.2	.1	51	.15	.150	3	24	50	111	.058	<1	2.78	.007	.05	<.1	.02	3.5	<.1	<.05	11	<.5
L18300E 8125A	.5	11.1	6.1	72	<1	17.2	9.2	492	2.67	4.3	.4	<.5	.9	17	<1	.2	.1	62	.14	.140	3	24	40	114	.167	<1	2.27	.008	.07	<.1	.03	3.0	<.1	<.05	11	<.5
L18300E 8100K	.5	10.9	3.5	63	<1	15.2	11.3	264	2.73	6.9	.4	1.0	.7	20	<1	2.2	.1	57	.18	.086	3	26	59	64	.050	<1	2.31	.007	.04	.1	.04	4.5	<.1	<.05	10	<.5
L18300E 8075A	.5	17.5	6.3	65	<1	21.9	14.3	851	2.66	6.3	.8	2.1	1.3	69	<1	1.0	.1	74	.45	.054	9	29	77	129	.091	2	2.08	.015	.06	<.1	.02	5.6	.1	<.05	8	<.5
L18300E 8050K	.3	33.3	4.2	61	<1	35.5	15.5	494	3.49	9.0	.7	<.5	1.9	186	.1	.7	<.1	88	.65	.091	14	42	120	152	.052	2	2.25	.033	.08	<.1	.03	12.4	.1	<.05	7	<.5
L18300E 8025A	.7	22.7	5.1	95	.1	16.9	13.9	665	3.26	5.1	.6	.5	1.2	31	<1	.3	.1	85	.29	.091	3	24	98	92	.159	2	2.16	.007	.07	.1	.03	5.9	.1	<.05	14	<.5
STANDARD DS7	20.8	109.5	71.4	41.8	.9	57.6	9.9	635																												



SAMPLE#	Mn	Cu	Pb	Zn	Ag	Nr	Co	Mn	Fe	As	H	Al	Th	Sr	Cr	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	N	Hg	Sc	Tl	S	Sa	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
2-1	.2	1.8	2.8	37	<.1	3.4	3.7	431	1.65	<.5	1.6	.5	3.3	51	<.1	<.1	.1	20	13	.074	7	6	.53	1.63	103	2	33	.053	41	.1	<.01	1.7	.3	.11	4	<.5
1B3C0F 8000#	7	21.0	5.3	74	<.1	30.4	15.4	531	3.32	6.7	5	1.5	1.4	27	<.1	4	.1	76	.20	.094	4	25	.64	1.42	.094	2	3.60	.009	.06	<.1	.03	4.7	<.1	<.05	11	<.5
1B3C0E 7975#	4	14.7	5.1	62	<.1	16.1	9.8	411	2.53	4.2	4	1.1	.9	24	<.1	2	.1	61	.22	.092	2	17	.65	.98	.095	2	2.18	.007	.06	<.1	.03	3.6	<.1	<.05	10	<.5
1B3C0E 7950#	2	9.6	4.0	35	<.1	8.9	5.5	156	1.88	1.2	3	<.5	.6	16	<.1	2	.1	47	.12	.048	2	13	.35	.79	.059	1	1.55	.007	.05	<.1	.02	1.9	<.1	<.05	7	<.5
1B3C0E 7925#	5	26.0	6.1	61	<.1	25.9	14.3	395	3.37	11.6	5	<.5	1.0	24	.1	8	.1	78	.14	.068	5	24	.71	1.28	.049	1	3.23	.009	.05	.1	.02	4.0	<.1	<.05	12	<.5
1B3C0E 7900#	5	48.0	5.4	69	<.1	14.1	10.8	367	2.88	35.0	6	<.5	2.3	16	<.1	8	.1	63	.13	.104	6	16	.60	.54	.019	1	2.38	.005	.05	<.1	.02	3.9	<.1	<.05	11	<.5
1B3C0E 7875#	4	15.0	5.5	41	<.1	15.2	7.8	222	2.64	2.6	6	<.5	.7	53	<.1	2	.1	54	.20	.035	6	19	.53	1.31	.067	1	1.83	.014	.04	<.1	.03	2.9	<.1	<.05	7	<.5
1B3C0F 7850#	5	16.1	6.7	62	<.1	27.4	11.9	309	2.87	4.7	5	<.5	1.1	27	.1	3	.1	61	.21	.128	4	23	.55	1.00	.069	1	3.47	.010	.05	.1	.05	3.7	<.1	<.05	11	<.5
1B3C0E 7825#	3	20.5	5.2	45	<.1	22.2	19.6	326	2.19	3.0	6	.9	1.0	66	.1	3	.1	55	.35	.043	7	21	.74	1.08	.088	1	2.48	.015	.03	.1	.03	3.7	<.1	<.05	8	<.5
1B3C0E 7800#	4	14.6	7.3	46	<.1	18.5	9.4	211	2.32	3.2	4	<.5	.8	31	<.1	2	.1	53	.19	.097	5	19	.43	1.25	.074	<.1	2.43	.010	.04	<.1	.03	2.7	<.1	<.05	10	<.5
1B3C0F 7775#	5	24.0	4.2	62	<.1	20.5	12.5	500	2.66	5.3	7	.6	1.9	55	<.1	3	.1	69	.43	.103	6	21	.66	1.69	.068	2	2.44	.003	.10	.1	.03	4.3	<.1	<.05	9	<.5
1B3C0E 7750#	8	21.4	4.9	44	.1	18.3	9.6	254	2.74	4.8	8	<.5	1.6	25	.1	3	.1	71	.14	.044	5	20	.52	1.29	.119	1	3.01	.019	.05	.1	.08	3.6	<.1	<.05	10	<.5
RE 1B3C0E 7750#	7	27.5	5.3	45	.1	17.2	9.6	253	2.65	4.7	7	<.5	1.4	25	.1	4	.1	70	.13	.045	5	20	.49	1.34	.114	1	3.04	.019	.05	.1	.05	3.5	<.1	<.05	9	<.5
1B3C0E 7725#	3	14.3	5.2	42	<.1	8.3	5.9	257	1.89	2.7	5	<.5	1.4	37	.1	3	.1	59	.17	.035	4	11	.43	1.13	.092	1	1.56	.009	.04	<.1	.03	2.2	<.1	<.05	9	<.5
1B3C0F 7700#	4	14.7	5.7	46	<.1	11.4	7.2	208	2.14	3.7	4	<.5	1.1	24	<.1	1	.1	53	.15	.058	3	14	.42	1.10	.125	1	2.01	.010	.04	<.1	.03	2.2	<.1	<.05	10	<.5
1B3C0E 7675#	4	16.1	4.3	45	<.1	14.0	8.7	235	2.52	2.8	4	6.6	1.8	25	<.1	2	.1	58	.16	.154	2	16	.48	1.00	.080	1	2.66	.007	.05	.1	.04	2.5	.1	<.05	9	<.5
1B3C0E 7650#	3	5.2	4.5	46	<.1	9.9	5.6	252	1.98	1.5	3	<.5	1.0	34	<.1	1	.1	48	.15	.063	2	11	.43	.92	.082	<.1	1.76	.003	.04	<.1	.02	1.9	<.1	<.05	9	<.5
1B3C0F 7625#	6	14.9	4.9	76	<.1	20.0	12.0	449	2.65	3.9	4	1.0	1.0	30	.1	4	.1	67	.19	.109	3	19	.63	1.33	.119	1	2.65	.008	.06	.1	.03	2.6	<.1	<.05	10	<.5
1B3C0E 7600#	4	13.5	5.3	54	<.1	13.5	8.5	337	2.07	4.1	5	<.5	.7	52	.1	6	.1	55	.30	.042	4	14	.53	1.71	.109	1	1.84	.011	.04	<.1	.02	2.5	<.1	<.05	9	<.5
1B3C0E 7575#	5	22.7	4.2	107	<.1	28.9	15.0	820	3.27	5.6	7	.8	4.0	34	.1	4	.1	79	.29	.146	3	23	.98	1.41	.128	2	3.34	.007	.06	.1	.04	4.0	.1	<.05	12	<.5
1B3C0E 7550#	5	14.4	5.0	58	<.1	18.1	10.4	404	2.63	3.4	5	<.5	1.2	30	.1	4	.1	68	.17	.072	3	19	.57	1.16	.126	<.1	2.92	.010	.05	.1	.05	2.5	<.1	<.05	10	<.5
1B3C0F 7525#	6	17.7	5.4	72	<.1	27.0	12.1	423	3.66	5.3	6	<.5	1.3	30	<.1	4	.1	80	.19	.150	4	26	.74	1.12	.133	1	3.63	.009	.06	.1	.05	3.3	.1	<.05	11	<.5
1B3C0E 7500#	3	12.0	5.1	64	<.1	17.9	10.5	295	2.80	5.5	4	.5	1.3	55	<.1	4	.1	72	.36	.141	2	19	.65	1.23	.097	<.1	2.77	.009	.07	.1	.03	2.7	<.1	<.05	11	<.5
1B3C0E 7475#	2	10.6	4.2	59	<.1	13.2	19.2	241	2.49	2.4	4	<.5	2.0	50	<.1	4	.1	71	.24	.062	2	18	.70	1.28	.135	<.1	1.55	.008	.05	.1	.02	2.2	<.1	<.05	9	<.5
1B3C0E 7450#	3	11.7	4.5	64	<.1	14.3	9.7	343	2.30	2.8	3	<.5	.9	75	<.1	6	<.1	69	.32	.057	3	19	.63	1.22	.143	1	1.50	.011	.04	.1	.02	2.2	<.1	<.05	6	<.5
1B3C0E 7425#	3	9.4	4.3	53	<.1	10.3	9.3	530	1.85	2.2	4	4.9	.8	42	.1	3	.1	55	.20	.044	4	15	.49	1.22	.118	<.1	1.45	.012	.03	<.1	.02	2.1	<.1	<.05	6	<.5
1B3C0E 7400#	4	17.7	4.1	71	<.1	20.3	12.3	436	3.15	7.3	5	1.1	1.4	85	<.1	1.1	<.1	95	.39	.079	4	26	.79	1.66	.113	2	2.38	.011	.08	<.1	.01	3.7	<.1	<.05	8	<.5
1B3C0E 8400#	4	15.7	3.8	117	<.1	16.7	11.6	706	2.69	2.3	3	<.5	.6	71	.2	2	.1	59	.53	.202	4	16	.72	1.47	.008	1	2.31	.008	.09	<.1	.05	3.0	<.1	<.05	5	<.5
1B3C0F 8375#	7	20.9	5.4	79	.3	33.2	14.5	642	3.29	5.2	4	.5	1.0	199	.2	5	.1	83	.46	.064	4	31	.85	2.92	.075	<.1	2.87	.018	.13	<.1	.04	4.0	<.1	<.05	6	<.5
1B3C0E 8350#	5	19.7	6.4	82	.1	39.9	14.6	242	3.16	8.9	7	.6	1.2	53	.1	3	.1	65	.33	.167	5	27	.67	2.03	.069	1	3.77	.013	.12	<.1	.03	4.1	<.1	<.05	10	<.5
1B3C0E 8325#	4	11.0	5.9	70	<.1	19.9	11.6	402	3.42	21.1	0	<.5	1.0	65	.1	4	.1	65	.56	.071	5	23	.54	2.51	.029	2	2.15	.011	.04	.1	.01	4.2	<.1	<.05	7	<.5
1B3C0F 8300#	4	24.8	6.3	77	<.1	38.5	15.5	626	3.63	5.7	6	1.2	1.2	101	.2	4	.1	89	.77	.165	6	36	1.04	2.52	.067	2	2.87	.019	.16	<.1	.04	5.1	<.1	<.05	8	<.5
1B3C0E 8275#	5	15.8	4.4	57	<.1	34.9	17.3	581	3.15	12.4	2.7	2.1	2.4	135	.1	3	<.1	82	.94	.065	13	34	1.09	3.80	.075	6	2.90	.042	.06	<.1	.02	7.0	<.1	<.05	6	<.5
1B3C0E 8250#	6	15.8	6.4	77	<.1	21.1	13.9	586	3.11	23.4	1.5	4.3	1.5	52	.1	3	.1	85	.63	.046	7	25	.65	4.34	.067	2	2.18	.015	.06	.1	.04	4.5	<.1	<.05	8	<.5
1B3C0E 8225#	5	20.5	5.4	126	<.1	24.9	13.9	1742	3.65	9.5	5	1.3	.7	37	.1	3	.1	69	.38	.133	5	22	.70	3.44	.039	2	2.50	.069	.10	<.1	.04	3.9	<.1	<.05	9	<.5
STANDARD DS7	20.8	167.7	70.1																																	



SAMPLE#	Mn	Cu	Pb	Zn	Ag	W	Co	Mg	Fe	As	U	Au	Hg	Sr	CU	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sr	Tl	S	Ga	Se									
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm										
E 1	.1	1.8	2.7	40	<.1	3.2	2.9	453	1.76	<.5	1.6	1.7	2.2	50	<.1	<.1	.	30	.43	.073	6	6	.52	162	.196	<.1	.85	.049	.41	.1	<.01	1.6	.3	<.05	4	<.5									
18350E 8200N	.7	8.5	8.4	111	<.1	12.7	10.8	912	4.22	43.3	.8	<.5	1.2	22	.2	.4	.	102	.73	155	7	19	.75	117	.031	6	1.70	.005	.06	.1	.05	3.3	<.1	<.05	5	<.5									
10350F 0175N	4	16.1	5.1	70	<.1	29.2	11.9	559	2.84	4.0	6	1.5	9	70	<.1	2	.	73	.40	.064	6	29	.75	156	.092	2	2.24	.017	.05	<.1	.02	3.7	<.1	<.05	9	<.5									
18350E 8150N	.3	14.4	5.4	60	<.1	26.2	12.2	342	2.85	4.4	.8	2.7	1.1	88	<.1	.3	.	75	.40	.040	6	28	.79	168	.123	2	2.06	.024	.04	<.1	.02	3.9	<.1	<.05	7	<.5									
18350E 8125N	.3	13.6	5.8	50	<.1	20.7	11.2	645	2.38	5.6	1.1	.5	.8	70	<.1	.2	.	59	.42	.039	13	21	.64	155	.056	<.1	1.89	.016	.04	.1	.03	3.7	<.1	<.05	7	<.5									
18350E 8100N	.3	15.2	5.3	63	<.1	24.6	12.6	653	2.69	5.5	.8	2.5	1.1	79	.1	.3	.	70	.45	.049	6	26	.93	128	.099	2	2.32	.023	.04	<.1	.01	3.6	.1	<.05	7	<.5									
18350E 8075N	.2	16.4	6.2	73	<.1	20.5	10.9	488	2.32	2.3	1.0	<.5	1.4	61	.1	.2	.	59	.27	.041	7	23	.74	140	.198	<.1	2.32	.018	.04	.1	.02	3.4	<.1	<.05	7	<.5									
18350E 8050N	.3	26.0	6.0	64	<.1	20.2	10.8	1016	2.44	4.4	2.3	.7	.8	84	.1	.5	.	68	.51	.042	13	23	.68	203	.033	<.1	2.95	.017	.04	.1	.04	4.7	<.1	<.05	7	<.5									
10350F 0075N	.5	24.6	6.1	80	<.1	27.9	13.0	1567	2.03	5.2	1.1	.8	.7	76	.1	.4	.	71	.44	.068	11	26	.71	224	.035	2	2.42	.016	.05	<.1	.03	4.2	.1	<.05	6	<.5									
18350E 8000N	.3	21.5	6.2	77	<.1	25.6	11.9	628	2.69	8.7	.8	<.5	1.2	56	.1	.4	.	72	.32	.051	7	23	.71	137	.097	<.1	2.71	.014	.04	<.1	.04	4.0	.1	<.05	9	<.5									
18350E 7975N	.4	16.0	6.4	77	<.1	29.5	12.8	739	2.67	3.3	.4	.5	1.0	51	<.1	.3	.	62	.31	.116	6	23	.60	108	.033	1	3.13	.015	.05	<.1	.01	3.6	.1	<.05	10	<.5									
10350F 7950N	.4	19.6	4.7	77	<.1	33.3	14.1	547	3.13	4.4	.4	<.5	1.2	61	.1	.3	.	78	.35	.113	5	29	.79	188	.099	<.1	3.12	.013	.07	<.1	.01	3.9	<.1	<.05	9	<.5									
18350E 7925N	.4	13.7	6.3	56	<.1	19.1	8.9	242	2.50	3.5	.5	<.5	1.2	43	<.1	.2	.	61	.26	.057	6	20	.53	142	.039	<.1	2.41	.011	.05	.1	.03	3.1	<.1	<.05	10	<.5									
18350E 7900N	.6	16.4	6.2	67	<.1	24.2	11.7	282	3.00	4.2	.4	<.5	1.1	27	<.1	.4	.	68	.18	.112	4	24	.55	102	.032	<.1	3.49	.019	.05	<.1	.05	3.3	<.1	<.05	10	<.5									
18350E 7875N	.4	12.0	8.0	55	<.1	20.1	8.8	313	2.25	2.4	.4	1.2	.7	54	.1	.3	.	58	.37	.062	5	19	.51	142	.036	<.1	1.94	.012	.04	<.1	.04	2.8	<.1	<.05	8	<.5									
18350E 7850N	.7	22.4	5.1	77	<.1	32.5	15.4	447	3.59	4.9	.6	1.5	1.6	36	<.1	.3	.	85	.20	.103	6	28	.82	245	.190	<.1	3.83	.011	.05	<.1	.02	4.5	<.1	<.05	11	<.5									
18350E 7825N	.6	13.2	4.1	53	<.1	12.9	7.6	232	2.58	2.7	.4	<.5	1.0	17	.1	.2	.	56	.16	.161	2	14	.47	74	.043	<.1	2.56	.008	.04	.1	.02	2.9	<.1	<.05	10	<.5									
18350E 7800N	.4	16.4	5.9	58	<.1	22.9	13.2	573	2.79	5.2	.6	.5	.7	84	.1	.4	.	77	.42	.061	6	21	.92	165	.080	1	2.40	.012	.06	.1	.02	3.6	<.1	<.05	8	<.5									
10430F 0400N	.7	16.1	5.4	81	<.1	18.3	11.6	450	3.01	3.3	.4	1.7	.7	111	.1	.5	.	71	.54	.079	4	21	.61	318	.040	2	2.00	.010	.09	<.1	.05	3.3	<.1	<.05	8	<.5									
18430E 8375N	.5	16.7	4.7	63	.1	24.6	11.2	313	2.91	5.6	.4	.5	.8	106	.1	.2	.	74	.40	.077	4	25	.62	190	.050	1	2.45	.012	.07	<.1	.02	3.3	<.1	<.05	8	<.5									
18430E 8350N	.5	14.8	6.8	64	.2	15.5	5.4	277	2.65	3.7	.5	2.5	.6	41	.1	.2	.	66	.29	.155	4	15	.49	156	.047	<.1	3.24	.011	.05	<.1	.05	3.4	<.1	<.05	16	<.5									
RE 118400E 8350N	.6	13.9	7.6	62	.2	14.9	9.1	273	2.62	4.1	.5	<.5	.7	45	.1	.2	.	59	.29	.160	4	15	.47	156	.049	2	3.21	.011	.05	<.1	.04	3.2	<.1	<.05	9	<.5									
10430F 0375N	.4	15.1	6.5	75	.1	26.8	9.7	235	2.01	4.1	.4	1.0	1.0	41	.1	.2	.	60	.24	.157	5	24	.42	182	.036	2	2.95	.013	.06	<.1	.02	3.0	<.1	<.05	16	<.5									
18430E 8300N	.2	17.4	5.5	49	.1	23.5	6.5	269	2.22	5.9	1.2	<.5	.9	79	.1	.2	.	54	.71	.034	16	22	.57	284	.076	1	2.11	.024	.04	.1	.02	5.4	<.1	<.05	6	<.5									
18430E 8275N	.2	28.2	5.4	86	.2	23.1	11.0	619	2.96	16.5	2.0	.6	1.1	78	.2	.3	.	69	.88	.081	30	19	.66	359	.022	2	2.42	.010	.05	<.1	.04	8.1	<.1	<.05	8	<.5									
10430F 0250N	.4	33.5	5.5	64	.1	29.5	12.5	1289	3.25	25.7	3.9	<.5	1.1	79	.2	.1	.	81	.78	.075	52	23	.60	312	.032	1	2.33	.012	.06	<.1	.03	12.6	<.1	<.05	7	<.5									
18430E 8225N	.4	21.0	5.1	81	<.1	22.4	13.0	713	3.11	27.7	1.9	.6	1.1	59	.1	.2	.	76	.62	.152	21	17	.52	195	.018	4	2.07	.007	.07	.1	.04	5.7	<.1	<.05	7	<.5									
18430E 8200N	.6	17.5	6.1	95	<.1	33.6	17.2	461	4.17	20.8	.7	<.5	1.5	40	.1	.3	.	103	.30	.115	8	24	.66	233	.054	2	2.83	.010	.06	<.1	.03	5.3	.1	<.05	9	<.5									
18430E 8175N	.4	11.5	7.1	87	<.1	23.2	11.1	503	3.31	8.7	.5	1.7	1.0	25	.1	.3	.	75	.21	.119	5	19	.48	161	.052	2	2.71	.005	.06	.1	.03	2.8	<.1	<.05	10	<.5									
10430F 0150N	.6	16.3	6.4	73	<.1	20.1	10.4	443	2.01	6.1	.4	<.5	1.0	22	.1	.2	.	67	.23	.078	4	17	.55	132	.058	1	2.88	.006	.05	.1	.04	2.7	<.1	<.05	11	<.5									
18430E 8125N	.3	13.6	5.3	60	<.1	17.2	10.4	383	2.72	8.4	.5	1.8	.9	34	<.1	.6	.	72	.19	.042	4	20	.66	95	.050	1	2.08	.010	.04	.1	.02	3.1	.1	<.05	9	<.5									
18430E 8100N	.3	11.2	6.9	52	<.1	18.1	8.8	443	2.35	4.9	.3	<.5	.8	39	<.1	.7	.	57	.32	.065	4	17	.46	121	.039	1	1.57	.011	.05	.1	.02	2.7	<.1	<.05	10	<.5									
18430E 8075N	.4	21.1	4.7	89	<.1	26.6	12.9	361	3.65	12.2	7	1.8	1.3	39	<.1	2.1	.	32	.32	.120	5	24	.85	158	.057	1	3.79	.010	.06	<.1	.02	5.0	<.1	<.05	13	<.5									
18430E 8050N	.5	14.6	6.2	94	<.1	19.4	10.0	269	3.93	9.9	.6	<.5	1.9	22	<.1	1.0	.	86	.15	.229	5	25	.58	114	.060	1	3.20	.002	.04	.1	.03	3.9	<.1	<.05	14	<.5									
18430E 8025N	.3	16.8	6.7	69	<.1	18.3	8.3	303	2.15	2.5	.8	1.0	.8	71	.1	.2	.	53	.42	.038	7	19	.58	110	.087	<.1	2.17	.023	.04	<.1	.02	3.6	<.1	<.05	7	<.5									
STANDARD DS7	20	9	108	4	69	7	412	.9	57.5	9	7	623	2	42	48	8	4	9	63	2	4	3	70	6.3	5.6	4.5	96	.93	.079	12	178	1.05	374	.124	38	98	.075	44	3.8	.21	2.7	4.2	.20	5	3.5

Sample type: SDIL 5500 GDC. Samples beginning "RE" are Reruns and "RRC" are Reject Reruns.



SAMPLE#	No ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Mi ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B %	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.1	1.7	2.7	41	<.1	3.7	3.9	463	1.76	<.5	1.9	<.5	4.0	54	<.1	<.1	.1	31	.46	.072	7	6	.52	162	.111	1	.84	.051	.41	.1	<.01	1.8	.3	<.05	4	<.5
L18400E 8000N	.4	15.0	4.9	75	<.1	20.8	10.6	342	2.52	4.0	.6	.6	.5	93	.1	.3	.1	62	.49	.041	5	22	.64	150	.091	2	1.99	.020	.05	<.1	<.01	3.2	<.1	<.05	7	<.5
L18400E 7975N	.4	19.3	5.0	52	<.1	28.5	12.0	464	2.74	11.1	1.5	<.5	.7	99	.1	.3	.1	70	.66	.062	13	26	.80	172	.073	1	2.58	.020	.05	<.1	.02	5.2	<.1	<.05	8	<.5
L18400E 7950N	.5	18.2	7.3	50	.2	18.5	15.1	1001	3.20	27.3	2.0	<.5	1.2	62	.2	2.6	.1	85	.56	.041	15	21	.49	162	.052	5	2.10	.017	.04	.1	.04	5.2	.1	<.05	7	<.5
L18400E 7925N	.6	18.9	6.3	51	.2	16.5	10.7	352	2.04	13.7	.6	.5	.6	94	.2	.4	.1	71	.56	.054	8	18	.52	186	.044	3	2.66	.010	.07	.1	.06	4.1	<.1	<.05	8	<.5
L18400E 7900N	.5	15.5	5.6	56	.1	21.5	9.9	212	2.74	5.8	.4	<.5	.7	40	.2	.3	.1	65	.18	.091	3	21	.44	131	.078	1	2.64	.010	.07	<.1	.03	3.1	<.1	<.05	9	<.5
L18400E 7875N	.6	19.5	5.2	64	.1	27.9	12.4	297	3.22	7.5	.5	<.5	1.2	54	.1	.2	.1	77	.26	.136	5	25	.55	173	.080	2	3.39	.013	.06	<.1	.04	4.5	<.1	<.05	10	<.5
L18400E 7850N	.6	17.7	4.9	79	.1	21.0	11.3	381	2.81	6.1	.4	<.5	1.1	31	.2	.6	.1	65	.17	.132	4	20	.57	154	.080	1	3.13	.011	.07	.1	.04	3.7	.1	<.05	10	<.5
L18400E 7825N	.6	15.8	5.5	60	<.1	19.1	9.9	373	2.63	6.0	.4	<.5	1.0	32	.1	.4	.1	62	.18	.120	4	21	.43	138	.093	1	2.61	.012	.06	<.1	.04	3.2	<.1	<.05	9	<.5
L18400E 7800N	.4	22.0	4.8	64	<.1	25.4	13.0	717	2.65	6.5	.6	1.1	1.2	89	.1	.9	<.1	66	.61	.116	8	23	.89	178	.060	3	2.39	.016	.09	<.1	.05	5.1	.1	<.05	7	<.5
L18450E 8400N	.3	22.1	4.9	91	<.1	31.4	12.8	596	2.94	3.3	1.0	<.5	.8	191	.1	.2	.1	73	.73	.044	9	28	.84	342	.088	<.1	2.74	.032	.06	<.1	.02	6.0	<.1	<.05	7	<.5
STANDARD 057	21.6	108.5	70.9	411	.9	56.0	9.7	630	2.41	48.9	4.8	59.4	4.4	71	6.1	5.7	4.5	86	.94	.079	13	177	1.07	376	.126	38	1.00	.078	.44	3.9	.20	2.8	4.2	.22	5	3.5

Sample type: SOIL 8880 600.



GEOCHEM PRECIOUS METALS ANALYSIS



Tanqueray Resources Ltd. PROJECT Nicoman File # A604681

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310 - 505 - 8th Ave S.W., Calgary AB T2P 1G2 Submitted by: Phillip Mudy

SAMPLE#	Au** ppb	Sample gm
G-1	<2	30.0
L18000E 8100N	<2	30.0
L18000E 8375N	<2	30.0
L18000E 8350N	<2	30.0
L18000E 8325N	<2	30.0
L18000E 8300N	11	30.0
L18000E 8275N	2	30.0
L18000E 8250N	<2	30.0
L18000E 8225N	<2	30.0
L18000E 8200N	2	30.0
L18000E 8175N	<2	30.0
L18000E 8150N	<2	30.0
L18000E 8125N	<2	30.0
L18000E 8100N	<2	30.0
L18000E 8075N	<2	15.0
L18000E 8050N	<2	15.0
L18000E 8025N	22	30.0
L18000E 8000N	<2	30.0
L18000E 7975N	<2	30.0
L18000E 7950N	<2	30.0
L18000E 7925N	2	30.0
L18000E 7900N	2	30.0
L18000E 7875N	<2	15.0
L18000E 7850N	<2	30.0
L18000E 7825N	4	30.0
L18000E 7800N	<2	30.0
L18050E 8400N	2	30.0
L18050E 8375N	4	30.0
L18050E 8350N	<2	30.0
L18050E 8325N	<2	15.0
L18050E 8300N	4	7.5
RE L18050E 8300N	5	7.5
L18050E 8275N	2	15.0
L18050E 8250N	2	30.0
L18050E 8225N	4	30.0
STANDARD OxF41	797	30.0

GROUP 3A - FIRE GEOCHEM AU - 30 GM SAMPLE FUSION, CORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
HIGH GRADE GOLD ASSAY RECOMMENDED FOR 30 GM ANALYSIS > 10ppm and 50 GM > 5ppm.
SAMPLE TYPE: SOIL S580 AOC Samples beginning 'RE' are Reruns and 'RRF' are Reject Reruns.

Data k FA

DATE RECEIVED: AUG 1 2006 DATE REPORT MAILED:

All results are considered the confidential property of the client. Acme assures the liabilities for actual cost of the analysis only.





SAMPLE#	Au** ppb	Sample gm
G-1	<2	30.0
L18050E 8200N	2	30.0
L18050E 8175N	<2	30.0
L18050E 8150N	3	30.0
L18050E 8125N	3	30.0
L18050E 8100N	<2	30.0
L18050E 8075N	<2	30.0
L18050E 8050N	<2	30.0
L18050E 8025N	<2	30.0
L18050E 8000N	<2	30.0
L18050E 7975N	3	30.0
L18050E 7950N	4	30.0
L18050E 7925N	5	30.0
L18050E 7900N	<2	30.0
L18050E 7875N	4	30.0
L18050E 7850N	2	30.0
L18050E 7825N	<2	30.0
L18050E 7800N	<2	30.0
L18100E 8400N	2	30.0
L18100E 8375N	3	30.0
L18100E 8350N	<2	30.0
L18100E 8325N	<2	30.0
L18100E 8300N	2	30.0
L18100E 8275N	5	30.0
L18100E 8250N	2	30.0
L18100E 8225N	3	30.0
L18100E 8200N	<2	30.0
L18100E 8175N	<2	15.0
L18100E 8150N	3	30.0
L18100E 8125N	5	30.0
RE L18100E 8125N	<2	7.5
L18100E 8100N	4	30.0
L18100E 8075N	6	30.0
L18100E 8050N	5	30.0
L18100E 8025N	4	30.0
STANDARD OxF41	813	30.0

Sample type: SOTL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au**	Sample ppb	gm
G 1	<2		30
L18100E 8000N	<2		15
RE L18100E 8000N	6		15
L18100E 7975N	2		30
L18100E 7950N	<2		30
L18100E 7925N	3		15
L18100E 7900N	<2		30
L18100E 7875N	4		15
L18100E 7850N	<2		30
L18100E 7825N	<2		30
L18100E 7800N	<2		15
L18150E 8400N	<2		30
L18150E 8375N	<2		30
L18150E 8350N	<2		30
L18150E 8325N	<2		30
L18150E 8300N	<2		30
L18150E 8275N	<2		30
L18150E 8250N	<2		30
L18150E 8225N	2		30
L18150E 8200N	2		30
L18150E 8175N	<2		30
L18150E 8150N	<2		30
L18150E 8125N	<2		30
L18150E 8100N	2		30
L18150E 8075N	4		30
L18150E 8050N	2		30
L18150E 8025N	<2		30
L18150E 8000N	<2		30
L18150E 7975N	<2		30
L18150E 7950N	<2		30
L18150E 7925N	<2		30
L18150E 7900N	<2		30
L18150E 7875N	<2		30
L18150E 7850N	2		30
L18150E 7825N	<2		30
STANDARD OXF41	794		30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G 1	<2	30
L18150E 7800N	6	30
L18200E 8100N	4	30
L18200E 8375N	4	30
L18200R 8350N	6	30
L18200E 8325N	6	30
L18200E 8300N	7	30
L18200E 8275N	10	15
RE L18200E 8275N	10	15
L18200E 8250N	4	30
L18200E 8225N	6	30
L18200E 8200N	4	30
L18200E 8175N	4	30
L18200E 8150N	3	30
L18200E 8125N	5	30
L18200E 8100N	5	30
L18200E 8075N	3	30
L18200E 8050N	3	30
L18200E 8025N	5	30
L18200E 8000N	3	30
L18200E 7975N	3	30
L18200E 7950N	2	30
L18200E 7925N	2	30
L18200E 7900N	4	30
L18200E 7875N	3	30
L18200E 7850N	3	30
L18200E 7825N	4	30
L18200E 7800N	3	30
L18200E 7775N	4	30
L18200E 7750N	4	30
L18200R 7725N	4	30
L18200E 7700N	3	30
L18200E 7675N	4	30
L18200E 7650N	2	30
L18200R 7625N	6	30
STANDARD OxF41	801	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRR' are Reject Reruns.



SAMPLE#	Au**	Sample
	ppb	gm
G-1	2	30.0
L18200E 7600N	4	30.0
L18200E 7575N	6	30.0
L18200E 7550N	4	30.0
L18200E 7525N	<2	30.0
L18200E 7500N	3	30.0
L18200E 7475N	2	30.0
L18200E 7450N	2	30.0
L18200E 7425N	2	30.0
L18200E 7400N	<2	30.0
L18250E 8400N	3	30.0
L18250E 8375N	5	30.0
L18250E 8350N	2	30.0
L18250E 8325N	2	30.0
L18250E 8300N	4	15.0
L18250E 8275N	2	30.0
L18250E 8250N	<2	30.0
L18250E 8225N	3	30.0
L18250E 8200N	<2	30.0
L18250E 8175N	<2	30.0
RE L18250E 8175N	6	7.5
L18250E 8150N	<2	30.0
L18250E 8125N	<2	30.0
L18250E 8100N	4	30.0
L18250E 8075N	3	30.0
L18250E 8050N	<2	30.0
L18250E 8025N	2	15.0
L18250E 8000N	<2	30.0
L18250E 7975N	2	30.0
L18250E 7950N	<2	30.0
L18250E 7925N	4	30.0
L18250E 7900N	3	30.0
L18250E 7875N	16	30.0
L18250E 7850N	3	30.0
L18250E 7825N	<2	30.0
STANDARD OXF41	81.5	30.0

Sample Type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au**	Sample
	ppb	gm
G-1	<2	30
L18250E 7800N	<2	30
L18250E 7775N	<2	30
L18250E 7750N	<2	30
L18250E 7725N	2	30
L18250E 7700N	<2	15
L18250E 7675N	<2	30
RE L18250E 7675N	<2	15
L18250E 7650N	<2	30
L18250E 7625N	<2	30
L18250E 7600N	<2	30
L18250E 7575N	<2	30
L18250E 7550N	<2	30
L18250E 7525N	<2	30
L18250E 7500N	<2	15
L18250E 7475N	<2	30
L18250E 7450N	<2	30
L18250E 7425N	2	15
L18250E 7400N	<2	30
L18300E 8400N	<2	30
L18300E 8375N	<2	30
L18300E 8350N	<2	30
L18300E 8325N	<2	10
L18300E 8300N	<2	15
L18300E 8275N	<2	30
L18300E 8250N	<2	15
L18300E 8225N	<2	30
L18300E 8200N	<2	30
L18300E 8175N	<2	30
L18300E 8150N	<2	30
L18300E 8125N	<2	15
L18300E 8100N	<2	15
L18300E 8075N	<2	30
L18300E 8050N	4	15
L18300E 8025N	<2	30
STANDARD OxF41	810	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
C-1	<2	30
L18300E 8000N	<2	30
L18300E 7975N	<2	30
L18300E 7950N	<2	30
L18300E 7925N	4	30
L18300E 7900N	<2	30
L18300E 7875N	6	30
L18300E 7850N	<2	30
L18300E 7825N	2	30
L18300E 7800N	4	30
L18300E 7775N	<2	30
L18300E 7750N	<2	30
RE L18300E 7750N	7	15
L18300E 7725N	2	30
L18300E 7700N	<2	30
L18300E 7675N	3	30
L18300E 7650N	4	30
L18300E 7625N	<2	30
L18300E 7600N	2	30
L18300E 7575N	2	30
L18300E 7550N	<2	30
L18300E 7525N	2	30
L18300E 7500N	4	30
L18300E 7475N	<2	30
L18300E 7450N	<2	30
L18300E 7425N	2	30
L18300E 7400N	3	30
L18350E 8400N	<2	30
L18350E 8375N	<2	30
L18350E 8350N	2	30
L18350E 8325N	<2	30
L18350E 8300N	3	30
L18350E 8275N	3	15
L18350E 8250N	<2	30
L18350E 8225N	3	30
STANDARD OxF41	797	30

Sample Type: SOTT, SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au**	Sample ppb gm
G-1	4	30.0
L18350E 8200N	3	30.0
L18350E 8175N	3	30.0
L18350E 8150N	<2	30.0
L18350E 8125N	9	15.0
L18350E 8100N	3	30.0
L18350E 8075N	4	30.0
L18350E 8050N	10	15.0
L18350E 8025N	2	30.0
L18350E 8000N	6	30.0
L18350E 7975N	2	30.0
L18350E 7950N	<2	30.0
L18350E 7925N	5	30.0
L18350E 7900N	3	30.0
L18350E 7875N	2	30.0
L18350E 7850N	5	30.0
L18350E 7825N	<2	30.0
L18350E 7800N	4	30.0
L18400E 8400N	4	30.0
L18400E 8375N	2	30.0
L18400E 8350N	5	30.0
RE L18400E 8350N	6	15.0
L18400E 8325N	3	30.0
L18400E 8300N	10	30.0
L18400E 8275N	4	15.0
L18400E 8250N	12	7.5
L18400E 8225N	4	30.0
L18400E 8200N	4	30.0
L18400E 8175N	<2	30.0
L18400E 8150N	<2	30.0
L18400E 8125N	17	30.0
L18400E 8100N	6	30.0
L18400E 8075N	5	30.0
L18400E 8050N	2	30.0
L18400E 8025N	3	30.0
STANDARD OxF41	823	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	2	30
L18400E 800CN	3	30
L18400E 7975N	9	15
L18400E 7950N	6	15
L18400E 7925N	2	15
L18400E 7900N	<2	30
L18400E 7875N	5	30
L18400E 7850N	6	30
L18400E 7825N	3	30
L18400E 7800N	5	30
L18450E 840CN	2	15
STANDARD CxF41	804	30

Sample type: SOIL SS80 60C.



GEOCHEMICAL ANALYSIS CERTIFICATE



Tanqueray Resources Ltd. PROJECT Niccoaman File # A604821

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310 - 505 - 8th Ave S.W., Calgary Alberta T2P 1G2 Submitted by: Phillip Mudry

Sample #	As	Cd	Co	Cu	Pb	Fe	Mn	Ni	Sb	Se	Ag	Al	Ar	Ba	Be	B	Bi	Br	Ca	Cl	Cr	F	Hg	K	Li	Mg	Mo	Na	Nb	P	Pt	Rb	S	Si	Te	Ti	V	Zn
G-1	2	1.8	2.5	43	<1	3.3	3.0	443	1.62	<5	1.9	1.1	3.7	49	<1	<1	1	28	40	0.79	6	6	55	182	169	<1	89	365	42	1	<61	1.6	3	<05	4	<5		
18350E 7775N	3	11.0	6.1	42	<1	11.9	7.7	489	1.65	2.4	4	<5	7	61	<1	3	1	47	29	0.29	6	15	50	130	089	<1	1.25	313	03	1	62	1.8	<1	<05	5	<5		
18350E 7750N	5	17.4	6.2	60	<1	12.2	3.8	318	2.22	1.8	4	<5	1.4	18	<1	3	1	57	11	0.50	3	14	51	124	133	<1	1.59	307	06	1	64	1.7	<1	<05	8	<5		
18350E 7725N	5	17.1	6.0	49	<1	13.6	7.3	260	2.51	3.3	4	<5	1.5	19	1	4	1	62	11	0.61	3	16	44	116	122	<1	2.23	308	05	1	64	1.9	<1	<05	9	<5		
18350E 7700N	5	16.4	6.3	50	<1	15.2	8.2	239	2.61	3.4	4	<5	1.0	25	1	7	1	58	14	0.35	4	18	52	120	133	<1	1.72	310	03	1	64	1.9	<1	<05	10	<5		
18350E 7675N	5	14.0	4.3	72	<1	16.1	9.6	393	2.72	4.0	5	<5	1.4	20	<1	4	1	62	15	102	3	18	59	117	974	<1	2.52	007	05	1	03	2.3	<1	<05	8	<5		
18350E 7650N	4	17.4	3.5	82	<1	17.5	13.0	540	2.85	4.8	7	<5	3.9	31	1	7	1	68	25	0.80	5	26	84	145	096	1	2.18	000	07	1	03	2.7	<1	<05	8	<5		
18350E 7625N	4	16.2	4.4	68	<1	20.9	11.4	423	2.61	4.2	6	<5	9	46	<1	5	1	68	25	0.71	5	26	77	132	119	1	2.03	009	05	1	03	2.4	<1	<05	8	<5		
18350E 7600N	5	16.3	4.8	76	<1	22.5	12.4	510	3.06	4.0	6	<5	2.1	27	<1	1.3	1	72	18	1.27	4	22	74	177	097	<1	2.94	009	07	1	03	2.7	<1	<05	9	<5		
18350E 7575N	3	13.1	4.6	66	<1	14.5	9.7	331	2.59	4.4	5	<5	1.0	41	1	8	1	61	24	1.29	4	19	61	159	093	<1	2.25	009	06	1	04	2.4	<1	<05	9	<5		
18350E 7550N	3	9.5	4.8	45	<1	11.0	10.0	445	1.79	3.6	5	<5	6	58	1	6	1	55	28	0.35	4	15	55	141	165	<1	2.21	011	04	1	03	1.8	<1	<05	5	<5		
18350E 7525N	4	12.1	5.3	97	<1	17.6	11.7	719	2.90	5.2	5	<5	1.1	38	<1	6	1	74	24	0.54	4	20	79	119	156	1	2.06	009	03	1	03	2.2	<1	<05	10	<5		
18350E 7500N	4	11.0	3.7	64	<1	15.7	10.3	326	2.87	3.8	5	<5	2.6	63	<1	5	1	71	24	1.18	4	20	70	232	392	<1	2.60	008	03	1	03	2.2	<1	<05	10	<5		
18350E 7475N	4	10.5	4.5	51	<1	15.0	8.5	290	2.17	3.5	3	<5	8	53	<1	4	1	57	26	0.66	4	17	50	129	395	<1	1.67	011	01	1	02	2.0	<1	<05	7	<5		
18350E 7450N	7	13.5	2.8	70	<1	15.0	11.6	411	2.68	2.9	3	<5	9	81	1	4	<1	78	36	0.74	4	21	82	196	157	1	1.83	011	08	1	02	2.5	<1	<05	7	<5		
18350E 7425N	4	13.9	5.7	61	<1	16.5	10.4	374	2.51	4.8	5	<5	8	63	<1	6	1	80	29	0.47	5	23	58	159	136	<1	1.83	012	03	1	01	2.6	<1	<05	6	<5		
18350E 7400N	5	13.5	5.0	69	<1	18.7	13.1	477	2.71	5.1	5	<5	8	67	1	6	1	72	31	0.69	6	19	69	245	090	<1	2.33	039	04	1	02	2.7	<1	<05	8	<5		
18400E 7775N	8	16.7	4.9	66	<1	20.3	10.8	591	2.88	5.4	5	<5	1.3	28	1	6	1	73	15	1.09	4	23	53	145	081	<1	2.83	011	04	1	04	3.3	<1	<05	3	<5		
18400E 7750N	6	18.2	5.9	56	<1	18.0	9.7	364	2.85	6.1	5	<5	1.0	33	1	5	1	71	25	0.95	4	22	53	145	093	1	2.66	038	08	1	08	2.3	<1	<05	9	<5		
18400E 7725N	3	21.9	3.9	51	<1	9.1	6.1	247	2.14	2.6	3	<5	1.2	13	<1	8	1	54	16	1.02	2	12	45	73	106	1	1.43	007	04	1	04	1.7	<1	<05	9	<5		
18400E 7700N	8	39.8	5.2	84	<1	29.6	12.2	401	3.46	6.2	6	<5	1.5	19	1	1.8	1	73	17	1.42	4	21	65	95	103	1	2.62	007	04	2	08	3.0	<1	<05	10	<5		
18400E 7675N	9	31.6	4.9	71	<1	16.5	10.9	330	3.04	4.7	5	<5	1.2	17	1	1.1	1	75	09	1.01	3	19	59	96	115	<1	2.08	003	04	1	03	2.4	<1	<05	9	<5		
18400E 7650N	6	12.4	5.4	40	<1	11.0	7.1	576	2.24	3.3	4	<5	1.3	43	<1	4	1	61	09	0.93	2	14	41	120	118	1	1.77	007	06	1	04	1.6	<1	<05	9	<5		
18400E 7625N	6	15.0	4.1	80	<1	13.3	11.2	333	2.82	5.4	4	<5	1.4	17	<1	1.9	1	70	12	1.27	3	19	63	117	118	<1	2.69	008	08	1	04	2.4	<1	<05	9	<5		
18400E 7600N	4	12.2	4.5	69	<1	29.3	11.9	341	2.97	3.4	4	<5	1.8	14	<1	1.7	1	76	11	0.90	3	20	55	90	121	2	2.64	009	06	1	02	2.7	<1	<05	9	<5		
18400E 7575N	9	13.8	4.4	77	<1	29.0	15.3	353	3.22	5.1	4	<5	1.4	25	<1	1.7	1	74	12	1.48	3	21	59	125	122	1	2.77	009	05	1	05	2.5	<1	<05	9	<5		
18400E 7550N	6	9.9	5.5	52	<1	10.2	7.6	240	2.60	4.0	4	<5	1.8	40	<1	1.1	1	71	12	1.73	2	15	45	183	125	2	1.74	009	04	1	03	1.6	<1	<05	10	<5		
RE 18400E 7530N	5	9.6	5.1	54	<1	19.6	6.9	233	2.50	4.0	4	<5	1.1	38	<1	1.8	1	68	12	1.71	2	15	46	179	119	2	1.76	009	04	1	02	1.7	<1	<05	10	<5		
18400E 7525N	9	13.3	5.3	52	<1	15.9	9.8	243	3.06	8.2	5	<5	1.2	22	1	6	1	77	12	1.24	3	22	40	98	133	1	2.93	009	04	1	05	2.5	<1	<05	9	<5		
18400E 7500N	7	16.4	5.6	75	<1	20.6	12.0	437	3.10	5.2	5	<5	1.7	24	1	5	1	81	13	1.10	3	22	62	128	133	1	2.31	009	05	1	03	2.5	<1	<05	9	<5		
18400E 7475N	5	13.6	5.1	57	<1	16.2	8.6	294	2.66	3.4	3	<5	1.9	21	3	5	1	67	16	1.07	3	19	43	103	109	2	2.35	008	04	1	07	2.0	<1	<05	8	<5		
18400E 7450N	7	9.6	4.5	63	<1	16.5	9.7	269	3.02	4.8	4	<5	2.2	36	1	5	1	79	14	1.34	3	19	51	203	101	1	2.56	008	05	1	04	2.6	<1	<05	9	<5		
18400E 7425N	4	8.6	4.5	55	<1	11.0	12.0	475	2.11	5.3	4	<5	9	33	1	3	1	62	22	0.44	5	14	53	173	102	3	1.37	010	03	1	01	2.6	<1	<05	6	<5		
18400E 7400N	4	12.3	4.9	53	<1	13.6	8.2	261	2.56	3.7	5	<5	7	38	1	6	1	73	21	0.72	5	19	47	160	097	1	1.72	009	05	1	04	2.2	<1	<05	8	<5		
18450E 7775N	7	12.9	6.3	54	<1	8.9	5.4	258	2.15	4.5	4	<5	5	51	2	6	1	59	19	1.03	4	14	35	183	051	1	1.79	008	05	1	06	1.7	<1	<05	7	<5		
STANDARD DS7	20																																					



SAMPLE#	Hg	Cu	Pb	Zn	Ag	Hg	Co	Mn	Fe	As	U	Au	Ti	Sr	Cd	Sr	Bt	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	M	Pg	Sc	II	S	Ga	Se	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
G-1	.1	1.6	2.3	40	<.1	3.5	3.6	420	1.51	<.5	1.7	<.5	2.8	48	<.1	<.1	.1	30	.41	0.73	6	6	.52	164	106	<.1	.80	.055	.41	<.1	<.01	1.5	.3	<.05	3	<.5	
L18450E 7750N	4	19.1	4.4	53	<.1	14.5	8.4	260	2.71	14.6	2.3	1.1	.3	85	.7	.7	.1	60	.54	0.94	13	23	.61	266	107	<.1	2.32	.017	.06	.1	.05	4.0	.1	<.05	7	.8	
L18450E 7725N	.5	20.1	4.7	52	<.1	21.1	10.9	315	2.81	14.7	1.5	<.5	.2	98	.2	.5	.1	65	.69	1.05	12	22	.80	216	104	<.1	2.03	.021	.05	.1	.04	3.1	<.1	<.05	7	<.5	
L18450E 7700N	.9	25.9	6.9	69	.1	23.7	11.1	310	3.30	7.7	.7	<.5	1.9	20	.2	.8	.1	86	.09	0.85	5	26	.61	101	125	1	3.34	.009	.04	.1	.07	4.1	<.1	<.05	10	<.5	
L18450E 7675N	1.0	15.8	6.7	61	.1	10.3	5.5	224	1.95	2.5	.7	1.2	1.5	10	.1	.3	.1	53	.05	1.14	4	15	.35	75	125	<.1	2.19	.009	.04	.1	.05	2.2	.1	<.05	9	<.5	
L18450E 7650N	1.0	22.8	5.6	60	<.1	22.8	10.3	425	3.25	5.2	.8	1.0	1.2	20	.1	.6	.1	79	.08	0.86	5	25	.54	119	115	<.1	3.11	.009	.04	.1	.07	3.3	<.1	<.05	9	<.5	
L18450E 7625N	.8	15.2	6.4	52	.1	16.6	8.4	314	3.17	4.2	.5	<.5	.7	20	.1	.5	.1	80	.09	0.72	4	21	.48	90	094	<.1	2.16	.009	.04	.1	.04	2.4	<.1	<.05	10	.7	
L18450E 7600N	.7	14.9	5.5	50	<.1	17.9	9.1	354	2.72	3.5	.5	<.5	1.2	15	.1	.5	.1	66	.12	0.74	3	17	.51	103	123	<.1	2.47	.005	.04	<.1	.04	2.6	.1	<.05	8	<.5	
L18450E 7575N	.7	13.6	5.2	52	<.1	14.5	8.3	221	2.71	3.5	.4	2.7	.8	25	.1	.5	.1	64	.15	0.71	3	17	.43	106	123	<.1	2.33	.005	.05	1	.04	1.9	<.1	<.05	9	<.5	
L18450E 7550N	.7	15.1	5.4	76	<.1	22.6	11.7	324	3.14	3.8	.4	<.5	1.0	39	.1	.8	.1	74	.24	1.23	3	21	.60	123	119	<.1	2.67	.006	.08	.1	.03	2.9	<.1	<.05	10	<.5	
L18450E 7525N	.2	11.8	5.4	42	<.1	11.2	7.4	325	1.55	4.6	.7	1.5	.8	37	.1	.4	.1	44	.29	0.24	6	12	.56	65	116	<.1	1.26	.017	.02	<.1	.02	2.1	<.1	<.05	5	<.5	
L18450E 7500N	.7	14.6	6.3	62	<.1	15.8	10.1	315	2.73	13.4	.5	2.3	1.0	29	<.1	.8	.1	71	.15	0.44	6	17	.66	113	136	<.1	2.18	.017	.03	.1	.04	2.6	<.1	<.05	10	<.5	
L18450E 7475N	.4	10.0	5.1	65	<.1	19.0	10.3	335	2.88	3.8	.4	.6	1.1	16	.1	1.0	.1	74	.14	1.25	2	20	.57	79	137	1	2.53	.009	.04	.1	.03	2.5	.1	<.05	9	<.5	
L18450E 7450N	.7	11.9	5.2	57	<.1	16.6	9.5	275	2.85	4.4	.4	<.5	1.0	22	.1	.5	.1	69	.13	1.21	3	19	.51	120	117	1	2.39	.009	.05	1	.03	2.3	<.1	<.05	9	.5	
L18450E 7425N	.5	13.5	5.3	50	<.1	12.2	8.2	304	2.79	6.0	.3	<.5	.8	39	<.1	1.4	.1	69	.18	1.48	3	17	.49	216	097	<.1	2.18	.006	.04	.2	.02	2.1	<.1	<.05	10	<.5	
L18450E 7400N	.6	16.3	4.9	68	<.1	19.2	11.9	426	3.28	4.5	.5	1.2	1.2	30	<.1	1.1	.1	87	.18	0.90	3	23	.75	144	136	<.1	2.70	.009	.04	1	.04	3.0	.1	<.05	10	<.5	
L18500E 7775N	.9	13.7	6.0	54	.1	7.5	9.4	458	2.99	6.2	.7	.6	.9	65	.1	.5	.1	93	.35	1.30	5	12	.23	178	063	<.1	3.00	.014	.13	<.1	.04	4.2	.1	<.05	8	<.5	
L18500E 7750N	1.1	20.6	5.4	76	.1	8.6	11.5	641	3.21	14.6	.8	1.5	.9	105	.1	1.2	.1	117	.53	1.55	5	14	.48	161	042	<.1	3.16	.009	.17	<.1	.04	5.8	<.1	<.05	9	<.5	
L18500E 7725N	.7	29.1	7.1	75	1	12.0	11.4	791	3.13	8.3	1.5	<.5	2.1	87	.7	.4	.1	125	.64	0.46	9	13	.71	140	197	1	1.60	.030	.35	1	.04	3.5	.1	<.05	5	<.5	
L18500E 7700N	.7	21.7	6.1	98	.2	12.9	7.7	422	2.69	4.9	.4	<.5	.6	28	1	.7	.1	64	.21	2.47	3	13	.46	190	094	<.1	2.14	.009	.08	1	.05	2.2	<.1	<.05	6	<.5	
L18500E 7675N	.6	15.0	6.3	68	.2	17.3	10.1	480	3.01	6.2	.5	.7	.5	44	<.1	.7	.1	76	.31	0.96	5	19	.51	173	094	1	2.04	.010	.07	.1	.03	2.4	<.1	<.05	10	<.5	
L18500E 7650N	.6	15.7	5.3	67	.1	12.6	8.6	515	2.89	4.2	.5	1.1	.7	19	.1	.6	.1	74	.15	1.17	3	18	.54	115	102	1	2.03	.011	.04	.1	.04	2.4	<.1	<.05	10	<.5	
L18500E 7625N	.8	22.7	5.4	64	.1	23.1	10.5	374	3.10	5.5	.6	.0	1.2	10	.2	.7	.1	79	.09	0.73	5	21	.61	113	119	1	3.21	.010	.04	.1	.05	3.2	<.1	<.05	9	<.5	
L18500E 7600N	.7	18.6	6.5	54	<.1	23.9	9.6	319	2.91	4.3	.6	1.2	.9	30	1	.4	.1	67	.16	1.07	5	22	.63	159	110	<.1	2.78	.012	.04	1	.03	2.8	1	<.05	9	<.5	
L18500E 7575N	.8	18.5	5.8	54	<.1	21.4	10.1	302	3.12	4.4	.6	.8	1.4	19	<.1	.6	.1	77	.09	0.48	5	22	.68	149	124	<.1	2.90	.010	.04	.1	.06	3.1	.1	<.05	11	<.5	
L18500E 7550N	.5	22.6	6.2	77	<.1	16.5	9.0	824	2.76	2.7	.5	.0	2.0	12	<.1	.7	.1	60	.16	1.06	3	15	.63	59	120	1	2.62	.008	.06	.1	.03	1.9	.1	<.05	10	.5	
L18500E 7525N	.5	14.2	5.3	63	<.1	13.9	8.8	296	2.68	5.1	.4	<.5	1.5	18	1	.7	.1	63	.15	1.14	3	17	.94	55	101	1	2.04	.009	.08	1	.05	2.0	1	<.05	9	<.5	
L18500E 7500N	.5	12.6	8.4	52	<.1	14.6	7.9	255	2.11	3.3	.5	1.2	.7	28	.1	.5	.1	60	.13	0.37	4	16	.55	117	106	1	2.06	.011	.04	.1	.04	2.4	<.1	<.05	9	<.5	
L18500E 7475N	.5	18.7	4.3	70	<.1	21.7	13.1	405	3.31	5.8	.6	.9	1.4	24	<.1	.9	.1	83	.15	0.89	4	24	.83	137	122	1	3.16	.009	.04	.1	.07	3.2	.1	<.05	9	<.5	
L18500E 7450N	.5	13.6	5.7	52	<.1	13.4	7.5	266	2.40	6.1	.5	<.5	1.0	22	<.1	.7	.1	50	.14	0.62	4	15	.49	114	105	2	2.20	.009	.04	.1	.05	2.3	1	<.05	9	.5	
L18500E 7425N	.9	15.3	4.7	61	<.1	16.2	7.7	251	2.93	4.5	.6	<.5	1.2	15	<.1	.6	.1	71	.09	0.85	4	19	.58	83	125	1	2.87	.009	.03	.2	.07	2.6	<.1	<.05	9	<.5	
L18500E 7400N	.8	20.1	5.7	61	<.1	17.2	9.6	305	3.29	4.5	.5	1.7	1.4	15	<.1	.7	.1	73	.10	1.00	4	25	.55	82	132	1	2.62	.008	.03	.1	.04	2.9	<.1	<.05	10	<.5	
L18550E 7775N	.6	16.2	4.9	65	<.1	17.2	14.1	567	3.32	5.2	.4	<.5	.6	37	.1	.3	.1	109	.20	1.32	2	19	.54	130	079	1	2.53	.012	.07	.1	.03	3.0	1	<.05	7	<.5	
RE L18550E 7750N	.8	17.0	4.9	63	<.1	17.6	13.7	560	3.47	5.3	.4	1.7	.6	35	.1	.3	.1	120	.29	1.39	2	21	.56	125	080	1	2.59	.012	.07	.1	.03	3.2	1	<.05	7	<.5	
L18550E 7725N	.6	18.4	5.9	63	<.1	15.7	12.8	741	3.04	3.4	.4	<.5	1.1	31	.1	.4	.1	110	.30	0.74	3	30	.51	155	204	1	1.92	.014	.06	.1	.02	3.5	1	<.05	6	<.5	
STANDARD DS7	20	2	106.1	69	5	405	8	53	9	9																											



SAMPLE #	Mn	Cu	Pb	Zr	Ag	Bi	Co	Mn	Fe	As	U	Au	Th	Sr	Ud	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Ku	K	W	Hg	Sc	U	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
G-1	.1	2.6	3.0	38	<1	3.1	3.8	448	1.71	.5	2.0	<.5	3.8	58	<.1	<.1	.1	34	46	.079	7	6	.53	159	.117	2	.88	.367	.42	.1	<.01	1.7	.3	.07	4	<.5
18E50E 7725N	.8	20.5	11.0	85	<.1	12.4	12.0	634	3.56	1.6	.8	1.0	2.5	45	.1	.1	.1	211	.30	.059	5	61	40	122	.433	2	2.54	.318	.95	<.1	.02	4.2	<.1	<.05	7	<.5
18E50E 7790N	1.1	20.6	9.3	74	<.1	12.9	12.4	643	3.41	2.3	.8	1.5	2.0	51	.1	.1	.1	134	.38	.002	4	35	46	122	.297	1	2.73	.314	.99	<.1	.03	4.5	.1	<.05	8	<.5
RE 18E50E 7706N	1.3	19.9	9.0	74	<.1	12.4	12.9	650	3.32	2.2	.8	.9	2.1	53	.1	.1	.1	136	.38	.076	4	34	43	124	.295	1	2.03	.314	.99	<.1	.03	4.7	.1	<.05	7	<.5
18E50E 7675N	.8	18.4	6.7	75	.1	12.1	11.7	564	3.33	4.8	.7	1.2	1.4	50	.1	.4	.1	114	.34	.150	3	18	47	127	.119	<.1	3.73	.319	.99	<.1	.03	5.0	<.1	<.05	10	<.5
18E50E 7650N	.4	20.6	6.1	70	<.1	11.6	8.8	620	2.34	4.7	.9	<.5	1.1	73	.1	.5	.1	77	50	.056	10	17	46	122	.083	1	2.01	.320	.90	<.1	.03	4.5	<.1	<.05	6	<.5
18E50E 7625N	.5	21.9	5.3	87	.3	17.5	14.7	659	3.17	85.5	3.7	1.4	.5	47	.1	1.0	.1	80	51	.135	9	22	.86	367	.101	2	2.23	.313	.95	1	.06	4.1	.1	<.05	11	<.5
18E50E 7690N	.7	18.7	6.3	65	<.1	22.5	11.5	537	3.13	7.5	.6	<.5	1.4	25	.1	.7	.1	76	.13	.077	4	26	.66	128	.115	<.1	2.94	.311	.94	1	.06	3.4	.1	<.05	11	<.5
18E50E 7575N	.5	18.9	6.0	67	<.1	21.9	12.2	521	3.09	5.5	.5	1.0	1.3	38	.1	.6	.1	72	.22	.098	4	24	.68	152	.110	<.1	2.81	.312	.95	1	.04	3.4	.1	<.05	10	<.5
18E50E 7550N	.8	26.6	5.3	78	<.1	30.9	13.5	590	3.43	6.6	.8	<.5	2.0	23	.1	.7	.1	86	.12	.105	5	30	.82	127	.128	2	4.05	.311	.96	1	.06	4.5	.1	<.05	10	<.5
18E50E 7625N	.5	23.4	5.2	73	<.1	29.7	14.0	598	3.48	7.1	.5	.7	1.4	61	.1	1.0	.1	94	31	.104	5	29	.91	225	.164	1	3.32	.314	.99	<.1	.03	4.3	.1	<.05	10	<.5
18E50E 7590N	.2	19.1	4.7	27	<.1	17.9	13.7	509	3.57	3.6	1.1	.8	2.4	91	.1	.5	.1	109	.40	.074	9	43	.49	293	.139	<.1	2.77	.325	.93	<.1	.02	7.1	.1	<.05	9	<.5
18E50E 7475N	.8	10.4	7.0	47	<.1	11.5	6.1	216	2.44	3.8	4	2.8	1.1	16	<.1	.6	.1	65	.09	.044	3	17	33	83	.121	<.1	2.02	.310	.93	1	.03	2.0	.1	<.05	10	<.5
18E50E 7450N	.5	17.5	6.4	76	<.1	21.8	13.4	369	2.86	4.5	.5	<.5	1.4	25	.1	.6	.1	71	.19	.121	3	21	.56	119	.113	<.1	3.17	.312	.96	<.1	.03	3.1	.1	<.05	10	<.5
18E50E 7425N	.8	19.0	6.6	79	.2	14.9	7.9	378	3.19	5.8	.5	<.5	1.7	14	<.1	1.2	.1	73	.11	.203	2	18	.48	76	.130	<.1	2.88	.308	.94	1	.06	2.5	<.1	<.05	11	<.5
18E50E 7490N	.8	21.2	6.5	65	<.1	24.3	11.3	341	3.29	5.1	.5	.6	1.4	20	<.1	.7	.1	84	.09	.072	3	26	.57	112	.111	<.1	3.26	.310	.94	<.1	.04	3.4	.1	<.05	10	<.5
18E60E 7775N	.7	16.4	6.5	69	<.1	19.2	10.3	278	3.03	4.3	.6	<.5	1.5	37	.1	.7	.1	88	.20	.102	4	20	.42	158	.119	<.1	3.83	.315	.98	<.1	.02	3.6	<.1	<.05	10	<.5
18E60E 7750N	.9	16.4	9.6	53	<.1	10.4	11.3	228	2.92	3.9	.7	<.5	1.9	22	.1	4	.1	89	.10	.066	4	22	.36	112	.145	<.1	3.94	.313	.95	<.1	.04	3.4	.1	<.05	11	<.5
18E60E 7725N	5	14.4	9.5	51	<.1	11.8	9.3	311	2.54	3.5	.7	.6	1.3	66	.1	.5	.1	85	.32	.037	6	20	.47	121	.180	1	2.17	.323	.96	<.1	.02	3.5	<.1	<.05	6	<.5
18E60E 7790N	.5	15.9	6.4	59	<.1	13.8	10.0	352	2.44	3.7	.6	.7	1.4	64	<.1	.6	.1	81	.35	.063	5	21	.50	101	.141	1	2.06	.321	.96	<.1	.02	3.1	<.1	<.05	6	<.5
18E60E 7675N	.5	21.2	7.5	67	<.1	17.2	10.0	282	3.09	4.4	.8	1.0	1.6	47	.1	.5	.1	99	.28	.125	4	26	.40	135	.167	<.1	3.28	.316	.98	.1	.03	3.9	<.1	<.05	9	<.5
18E60E 7650N	.3	14.2	7.4	54	<.1	12.2	8.0	289	2.35	3.2	.7	1.3	1.3	59	.1	.5	.1	85	.28	.032	4	21	.38	156	.164	<.1	1.84	.322	.96	<.1	.01	2.9	<.1	<.05	6	<.5
18E60E 7625N	3	28.0	7.0	46	<.1	11.0	7.6	585	2.02	5.7	1.5	<.5	.9	92	.1	.6	.1	76	.63	.051	42	16	.40	122	.096	<.1	1.71	.323	.95	<.1	.04	5.1	.1	<.05	5	<.5
18E60E 7690N	.5	23.4	7.2	77	.1	20.7	11.5	353	3.46	8.8	.6	44.6	1.1	82	.1	.9	.1	101	.39	.082	6	25	.71	226	.090	<.1	3.04	.316	.97	<.1	.03	4.4	<.1	<.05	9	<.5
18E60E 7575N	.7	20.1	5.5	68	<.1	20.6	9.8	265	3.03	5.5	.6	.6	1.3	34	.1	.9	.1	75	.12	.089	5	23	.57	144	.072	<.1	3.13	.310	.95	<.1	.04	3.7	<.1	<.05	8	<.5
18E60E 7550N	4	14.4	7.5	66	<.1	17.8	12.6	562	2.91	6.3	.8	<.5	1.2	124	.1	1.2	.1	90	.44	.040	7	23	.91	231	.122	<.1	2.29	.317	.95	<.1	.02	4.4	<.1	<.05	7	<.5
18E60E 7525N	.3	9.5	6.0	32	<.1	6.9	6.3	322	1.19	2.9	.6	<.5	4	48	.1	.7	.1	39	.23	.027	6	9	.30	72	.071	<.1	1.23	.319	.93	.1	.01	1.3	<.1	<.05	4	<.5
18E60E 7590N	1.8	19.2	8.4	53	.2	17.0	14.1	417	8.03	60.5	3.1	1.1	1.0	140	.2	.5	.1	232	.63	.209	19	23	.55	279	.048	<.1	3.40	.314	.95	1	.06	5.3	.1	<.05	9	<.5
18E60E 7475N	4	18.1	7.4	59	<.1	25.6	10.1	389	2.46	5.0	1.1	1.1	1.0	71	.1	.9	.1	70	.40	.045	8	28	.71	203	.115	<.1	2.60	.322	.94	<.1	.02	4.5	.1	<.05	9	<.5
18E60E 7450N	7	19.1	4.8	70	.1	17.2	9.4	305	2.64	5.0	.5	.5	.7	35	.2	.8	.1	78	.17	.126	3	23	.47	148	.082	1	2.45	.312	.95	<.1	.06	2.8	<.1	<.05	8	<.5
18E60E 7425N	.3	11.5	6.5	41	<.1	10.8	4.8	180	1.52	2.1	.3	1.4	.5	35	.1	.5	.1	45	.16	.029	3	13	.30	99	.093	<.1	1.08	.311	.94	<.1	.03	1.7	<.1	<.05	6	<.5
18E60E 7490N	7	19.5	5.2	72	<.1	20.2	11.3	365	3.17	5.2	.5	<.5	1.0	29	.1	1.1	.1	79	.17	.098	3	23	.70	161	.124	<.1	2.62	.308	.97	.1	.04	3.1	<.1	<.05	11	<.5
18E50E 7775N	9	21.4	8.3	72	<.1	12.9	12.3	419	3.62	3.7	.9	1.8	2.0	37	.2	.4	.1	126	.21	.072	4	16	.36	154	.181	<.1	5.11	.321	.97	<.1	.06	4.5	<.1	<.05	13	<.5
18E50E 7750N	.5	20.9	7.6	72	<.1	12.6	12.9	649	3.18	4.9	.7	<.5	1.2	60	.1	.4	.1	124	.30	.175	3	10	.51	187	.119	<.1	1.94	.317	.99	<.1	.04	4.5	.1	<.05	11	<.5
18E50E 7725N	1	22.0	8.6	61	.1	14.3	10.3	347	2.83	4.5	.8	<.5	1.5	51	.1	.4	.1	91	.28	.041	4	19	.45	172	.145	<.1	2.93	.318	.94	.1	.02	3.1	<.1	<.05	9	<.5
STANDARD DS7	20	6	107.2	69.5																																



SAMPLE#	Mn	Cu	Pb	Zn	Ag	Hg	Co	Mn	Fe	As	U	Au	Th	Sr	Ce	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se																		
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm																			
G-1	.1	2.3	5.7	48	<.1	3.2	3.9	458	1.82	.5	1.9	1.2	4.0	59	<.1	.1	.1	34	47	.050	7	6	50	197	.114	3	.90	.061	.41	<.1	<.01	1.9	.3	<.05	4	.6																		
18650E 7700N	1.0	20.3	6.1	60	.7	13.5	6.2	264	2.70	3.7	.7	2.0	1.7	22	.1	.4	.1	70	14	.061	5	20	33	131	.145	<.1	3.04	.017	.05	<.1	.03	3.3	<.1	<.05	11	<.5																		
18650F 7675N	.8	20.4	6.8	59	<.1	12.3	10.0	423	2.99	3.5	.8	3.1	2.0	34	.1	.4	.1	111	26	.048	3	29	39	97	.226	1	3.16	.014	.05	<.1	.03	3.1	.1	<.05	9	<.5																		
18650E 7650N	.7	20.4	9.0	66	<.1	12.2	12.0	485	2.82	2.9	.9	1.2	2.2	22	.1	.3	.1	107	18	.075	4	31	23	196	.295	1	3.38	.017	.07	<.1	.03	3.3	.1	<.05	9	.8																		
18650E 7625N	.8	16.1	8.1	74	<.1	14.5	12.6	754	2.66	3.5	.6	<.5	1.7	23	.1	.4	.1	91	15	.061	4	25	26	118	.215	1	3.34	.018	.06	<.1	.03	2.9	.1	<.05	9	.5																		
18650E 7600N	.4	16.2	6.6	60	<.1	16.4	6.8	269	2.48	3.8	.6	1.0	1.3	60	.1	.6	.1	72	33	.032	5	22	60	131	.143	<.1	2.57	.017	.06	<.1	.01	3.5	<.1	<.05	7	<.5																		
18650E 7575N	.5	19.1	7.4	60	<.1	22.7	11.5	257	3.11	6.0	.7	1.6	1.5	47	.1	.6	.1	84	27	.053	4	24	60	191	.110	1	4.11	.015	.06	<.1	.03	4.4	.1	<.05	10	.7																		
18650E 7550N	.4	17.6	6.4	66	<.1	21.2	11.7	455	2.87	5.4	.5	<.5	1.2	57	<.1	.7	.1	89	32	.061	5	24	64	116	.129	2	2.47	.015	.06	.1	.02	3.5	<.1	<.05	8	<.5																		
18650F 7525N	.4	14.6	7.3	74	<.1	19.7	13.3	862	2.66	5.3	.5	7	1.4	25	1	.4	.1	74	20	.134	6	20	37	197	.097	<.1	3.59	.018	.07	<.1	.03	4.2	<.1	<.05	11	.7																		
18650E 7500N	.5	14.9	6.0	68	<.1	18.2	11.1	331	2.86	4.8	.5	.8	1.1	55	.1	.6	.1	87	29	.038	4	22	57	143	.124	1	2.66	.013	.06	<.1	.02	3.6	<.1	<.05	9	.5																		
18650E 7475N	.4	13.9	5.4	62	<.1	16.2	5.0	279	2.44	4.2	.5	.6	1.1	62	<.1	.5	.1	74	35	.037	5	21	62	140	.107	<.1	2.29	.015	.06	<.1	.01	3.4	<.1	<.05	7	<.5																		
18650F 7450N	.5	17.2	5.8	63	<.1	19.3	11.2	333	2.93	4.5	.5	<.5	1.1	71	.1	.6	.1	81	29	.045	5	24	66	155	.104	<.1	2.91	.014	.06	<.1	.03	3.6	.1	<.05	9	.5																		
18650E 7425N	.3	13.3	7.3	69	<.1	18.5	6.6	329	2.30	2.2	.5	.5	1.0	57	.2	.3	.1	58	29	.045	7	22	56	118	.105	<.1	2.93	.019	.06	<.1	.03	3.2	.1	<.05	8	<.5																		
18650E 7400N	.4	19.1	5.6	57	.1	28.0	16.4	1327	2.86	6.4	1.3	<.5	1.0	106	.1	.3	.1	77	50	.091	8	29	87	253	.078	2	2.98	.021	.07	<.1	.05	5.1	.1	<.05	9	.8																		
18700E 7775N	.9	19.3	7.6	85	<.1	15.0	12.2	1119	3.31	5.2	.6	.5	1.5	22	.2	.4	.1	100	17	.117	3	19	38	113	.140	<.1	4.39	.014	.09	<.1	.04	3.7	<.1	<.05	11	<.5																		
18700E 7750N	1.1	23.6	7.5	122	.2	15.8	12.0	1050	3.22	8.3	.9	<.5	1.6	32	.1	.4	.1	95	22	.144	7	18	45	129	.120	<.1	4.40	.017	.07	<.1	.06	5.1	.1	<.05	11	.7																		
18700E 7725N	.5	24.3	6.6	78	<.1	18.5	15.2	544	3.69	7.1	.9	<.5	2.0	80	.1	.9	.1	113	26	.169	5	23	70	232	.099	<.1	5.09	.019	.12	<.1	.04	6.8	.1	<.05	11	<.5																		
18700E 7700N	1.1	34.7	5.8	105	.3	18.6	17.4	745	4.25	28.7	.5	<.5	1.0	25	.1	.3	.2	100	35	.208	4	25	76	199	.033	1	3.43	.010	.09	<.1	.05	6.0	.2	<.05	10	.5																		
18700E 7675N	.8	23.7	6.0	71	<.1	11.7	6.6	622	2.75	3.1	.9	.9	2.2	11	.2	.2	1	130	10	.093	4	41	20	75	.248	<.1	2.87	.013	.04	.1	.03	3.5	.1	<.05	7	.6																		
18700E 7650N	.7	17.6	6.0	64	<.1	15.8	11.3	367	2.65	2.9	.6	<.5	1.7	16	.1	.3	.1	99	11	.061	4	27	29	124	.192	<.1	3.18	.015	.05	<.1	.03	2.7	<.1	<.05	9	<.5																		
18700E 7625N	.7	19.6	7.0	58	<.1	21.2	12.4	250	3.14	4.3	.6	<.5	1.3	24	.1	.4	.1	95	15	.072	3	27	42	130	.174	2	4.05	.013	.06	<.1	.03	3.4	.1	<.05	9	<.5																		
18700E 7600N	.7	15.2	6.3	61	<.1	22.5	10.2	222	2.86	4.2	.5	<.5	1.3	27	.1	.4	.1	73	17	.064	2	22	36	105	.123	<.1	3.69	.014	.06	<.1	.03	2.7	.1	<.05	10	<.5																		
18700F 7575N	.6	13.6	7.2	65	<.1	17.3	10.0	322	2.36	3.5	.4	<.5	1.2	22	1	.3	.1	65	15	.069	3	18	32	103	.114	1	2.33	.014	.06	<.1	.03	2.8	<.1	<.05	9	.6																		
18700E 7550N	.6	12.6	8.8	52	<.1	14.5	7.9	308	2.10	3.4	.4	3.6	1.3	25	.1	.3	.1	58	19	.088	4	19	34	118	.094	<.1	3.30	.016	.05	<.1	.02	3.2	.1	<.05	11	<.5																		
18700E 7525N	.9	18.2	6.2	63	<.1	22.1	10.7	250	3.17	5.4	.5	<.5	1.5	25	.1	.6	.1	82	15	.109	4	24	44	112	.107	1	3.58	.013	.05	<.1	.05	3.5	.1	<.05	10	<.5																		
18700E 7500N	.0	14.6	7.1	63	<.1	18.7	6.0	201	2.75	4.0	.6	<.5	1.5	26	.1	.3	.1	76	20	.084	3	21	31	100	.107	<.1	3.62	.014	.06	<.1	.05	2.9	.1	<.05	10	<.5																		
18700E 7475N	.7	16.5	6.4	62	<.1	18.7	9.4	268	2.52	3.9	.4	1.1	1.1	30	.1	.4	.1	68	18	.079	3	20	41	134	.090	<.1	3.31	.016	.07	<.1	.03	3.7	.1	<.05	10	<.5																		
18700E 7450N	.4	18.3	6.2	54	<.1	23.4	12.2	319	2.80	4.2	.7	1.3	1.4	70	.1	.5	.1	81	35	.051	5	25	74	148	.104	1	3.10	.016	.05	<.1	.03	4.2	.1	<.05	8	<.5																		
18700E 7425N	.3	14.4	7.6	58	<.1	17.9	12.5	580	2.26	3.5	1.1	<.5	1.5	86	.1	.6	.1	79	139	.030	4	23	63	191	.146	<.1	2.15	.024	.05	<.1	.02	3.6	<.1	<.05	6	<.5																		
RE 118700F 7425N	.4	14.0	7.4	55	<.1	17.2	11.0	608	2.44	3.6	1.1	1.0	1.4	86	.2	.6	.1	82	39	.029	4	23	64	103	.150	<.1	2.24	.024	.05	<.1	.02	3.4	.1	<.05	6	<.5																		
18700E 7400N	.3	15.8	6.6	57	<.1	15.7	10.3	373	2.11	3.2	1.4	<.5	2.2	118	.1	.4	.1	55	35	.027	6	23	50	222	.142	<.1	2.38	.023	.06	<.1	.02	4.0	.1	<.05	6	<.5																		
18750E 7775N	.8	25.2	7.8	71	.1	18.7	15.4	532	3.81	6.4	.7	2.7	2.3	35	.1	.5	.1	116	23	.091	5	21	52	143	.153	1	5.08	.019	.08	.1	.05	4.5	.1	<.05	11	<.5																		
18750F 7750N	.9	20.6	6.2	61	<.1	23.7	11.4	425	2.97	5.1	.5	<.5	1.3	38	1	.8	.1	85	25	.110	3	23	53	143	.160	1	3.42	.013	.06	.1	.05	3.2	<.1	<.05	9	<.5																		
18750E 7725N	1.0	21.6	6.7	72	<.1	7.7	7.4	833	2.53	2.7	.6	.5	1.4	13	.1	.2	.1	94	13	.215	2	27	19	125	.194	3	2.13	.014	.05	<.1	.03	2.2	<.1	<.05	7	<.5																		
18750E 7700N	1.1	20.7	5.2	47	<.1	8.1	5.0	331	2.05	3.9	.7	1.0	1.5	9	.1	.2	.1	91	09	.111	3	23	17	65	.162	3	2.11	.013	.04	.1	.05	2.1	.1	<.05	6	<.5																		
STANDARD DS7	21	2	103	3	72	0	415	3	56	3	6	7	619	2	37	46	2	4	8	5	1	4	3	72	6	4	5	9	4	5	86	92	075	12	167	1	06	374	124	38	97	073	44	3	8	20	2	0	4	2	19	5	1	3

Sample type: SOIL SS80 50C. Samples beginning 'RC' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Hg	Co	Mn	Fe	As	U	Ac	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	I	B	Al	Na	K	W	Hg	Sc	Ti	S	Ge	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
G-1	.1	2.7	2.8	39	<.1	3.1	3.5	428	1.52	.5	1.5	<.5	3.4	49	<.1	<.1	.1	32	.42	.084	6	5	.52	156	.105	3	.87	.060	.45	<.1	<.01	1.5	.3	.08	4	<.5
L16750E 7675N	.8	22.0	8.6	69	.2	13.6	10.9	352	3.25	3.9	.9	<.5	1.8	22	.2	.3	.1	99	.15	.104	5	24	.46	149	.169	<.1	3.38	.014	.08	<.1	.03	4.2	.1	<.05	10	<.5
L16750E 7650N	.9	21.9	9.9	75	.2	10.8	9.3	757	2.99	2.8	.7	<.5	1.5	25	.2	.2	1	100	.19	.125	3	27	.33	174	.192	1	2.72	.014	.09	<.1	.05	3.5	<.1	<.05	9	<.5
L16750E 7625N	.7	21.2	7.7	82	<.1	10.4	9.7	1369	2.59	3.0	.7	<.5	1.4	21	.2	.2	.1	118	.20	.107	3	32	.24	131	.219	1	2.62	.012	.07	<.1	.03	2.7	.1	<.05	9	<.5
L16750E 7600N	.8	26.4	6.9	65	<.1	16.0	11.3	352	3.03	3.9	1.0	.5	2.4	42	.1	.4	.1	108	.29	.102	6	29	.47	208	.205	<.1	3.82	.014	.04	.1	.04	4.5	<.1	<.05	10	<.5
L16750E 7575N	.6	16.6	8.2	57	<.1	17.0	9.6	301	2.89	3.7	.6	<.5	1.6	23	.1	.4	.1	89	.14	.127	3	24	.40	135	.168	<.1	3.27	.012	.05	<.1	.03	3.0	<.1	<.05	10	<.5
L16750E 7550N	.6	16.4	5.8	55	.1	18.5	9.0	405	2.51	3.6	.5	<.5	1.4	35	.1	.3	.1	60	.24	.151	5	23	.38	130	.129	<.1	3.07	.012	.06	.1	.04	3.0	.1	<.05	9	<.5
L16750E 7525N	.9	14.6	7.5	65	.1	19.6	10.3	231	3.03	4.9	.5	<.5	1.1	25	.1	.6	.1	78	.16	.136	4	22	.47	158	.127	<.1	3.52	.011	.07	.1	.07	3.1	.1	<.05	10	<.5
L16750E 7500N	.2	10.2	5.4	14	<.1	7.4	2.3	.56	.77	2.1	1.2	19.3	7	42	<.1	.4	1	24	.27	.032	1	15	.10	113	.064	<.1	1.00	.013	.03	<.1	.05	3.4	.1	<.05	6	<.5
L16750E 7475N	.4	12.8	6.6	56	<.1	18.0	13.2	496	2.13	3.3	1.3	<.5	.6	65	.1	.4	.1	66	.35	.056	5	22	.66	149	.113	<.1	2.09	.016	.05	1	.03	3.0	<.1	<.05	7	<.5
L16750E 7450N	.3	16.6	6.6	26	<.1	13.4	9.4	266	2.43	5.4	2.2	.6	2.1	83	.1	.5	.1	79	.44	.036	12	25	.46	165	.115	<.1	1.99	.027	.03	<.1	.02	6.1	.1	<.05	6	<.5
L16750E 7425N	.7	13.1	7.5	43	<.1	15.8	8.8	229	2.45	5.0	.6	<.5	1.0	27	.1	.5	.1	66	.16	.114	3	18	.37	129	.105	<.1	3.04	.011	.07	.1	.06	2.7	<.1	<.05	10	<.5
L16750E 7400N	.8	17.2	6.3	56	.1	17.5	9.9	246	2.73	20.1	.7	<.5	1.6	14	.1	.5	.1	79	.09	.101	4	20	.44	107	.127	<.1	3.26	.012	.06	.1	.07	3.1	.1	<.05	9	<.5
L16800E 7775N	.5	25.3	5.1	61	<.1	28.2	16.1	443	3.59	7.2	.5	1.9	1.6	58	<.1	1.0	.1	125	.24	.089	5	26	1.06	253	.122	<.1	4.02	.015	.08	.1	.03	4.9	.1	<.05	10	<.5
L16800E 7750N	.8	21.0	6.3	58	.2	18.2	11.1	300	3.00	4.8	.5	<.5	1.0	30	.1	.6	.1	86	.17	.129	4	19	.48	113	.115	<.1	3.45	.014	.06	.1	.05	2.9	<.1	<.05	9	<.5
L16800E 7725N	.8	19.3	7.2	69	<.1	11.5	11.8	543	3.50	6.0	.7	<.5	1.3	42	.1	.4	.1	117	.24	.110	3	14	.56	151	.125	<.1	4.35	.017	.09	.1	.05	4.4	<.1	<.05	11	<.5
L16800E 7700N	.6	26.1	5.5	65	.2	16.2	12.5	711	2.82	10.9	1.0	<.5	1.0	79	.1	.5	.1	85	.58	.093	12	21	.57	100	.102	<.1	2.58	.018	.06	.1	.03	5.1	.1	<.05	8	<.5
L16800E 7675N	.8	24.0	9.9	94	.1	12.3	14.4	761	3.40	4.5	1.0	2.0	2.1	31	.1	.2	.1	112	.21	.140	5	29	.49	123	.166	2	2.41	.013	.15	<.1	.05	6.6	.1	<.05	8	<.5
L16800E 7650N	.7	24.7	9.1	79	.2	14.6	12.6	715	3.44	3.2	.9	.6	1.5	39	.1	.2	.1	131	.27	.149	4	24	.57	165	.173	<.1	3.04	.013	.08	<.1	.04	4.7	<.1	<.05	8	<.5
RE L16800E 7650N	.9	26.4	9.1	78	.2	14.3	13.6	756	3.46	3.2	.8	.8	1.7	39	.1	.2	.1	111	.28	.151	4	26	.58	169	.176	<.1	3.06	.013	.08	<.1	.04	4.8	<.1	<.05	9	<.5
L16900E 7625N	1.2	24.4	10.2	83	.2	13.5	13.3	726	3.56	3.5	.9	1.7	2.1	18	.2	.1	.1	122	.13	.129	4	32	.48	114	.227	1	3.34	.012	.12	<.1	.05	5.7	<.1	<.05	9	<.5
L16900E 7600N	.9	23.9	10.0	85	.2	9.9	10.8	1113	3.03	3.1	.8	.9	1.4	29	.2	.1	.1	91	.23	.192	3	21	.39	162	.161	<.1	2.59	.013	.11	<.1	.04	3.9	<.1	<.05	8	<.5
L16900E 7575N	1.0	17.1	8.3	66	<.1	11.7	8.9	307	2.47	3.6	.6	1.4	1.4	25	.2	.2	.1	95	.17	.099	3	24	.35	144	.146	<.1	2.07	.011	.07	<.1	.04	3.5	.1	<.05	8	<.5
L16900E 7550N	.3	22.9	5.6	22	.1	10.9	3.8	236	1.38	3.2	2.8	1.4	2.4	43	1	.2	.1	34	.31	.018	39	16	.30	187	.091	<.1	1.71	.014	.02	<.1	.03	6.7	.1	<.05	4	<.5
L16900E 7525N	.7	21.1	7.0	61	.2	14.3	8.1	386	2.38	8.8	2.1	<.5	.8	76	.1	.4	.1	74	.64	.048	9	19	.55	189	.109	<.1	2.49	.018	.05	<.1	.04	3.7	.1	<.05	7	<.5
L16900E 7500N	.9	12.6	7.7	33	.2	10.2	6.9	203	2.14	11.6	3.3	1.0	1.6	105	.2	.4	.1	96	1.03	.038	6	16	.27	114	.130	4	2.14	.021	.04	.1	.08	2.4	<.1	<.05	7	.7
L16800E 7475N	2.1	19.1	8.4	32	.1	14.6	9.9	1321	2.29	48.4	12.5	1.4	1.4	143	2	.8	.1	95	1.63	.096	17	19	.47	187	.046	4	2.06	.024	.04	<.1	.12	4.1	.1	.37	7	1.1
L16800E 7450N	.7	18.2	9.5	55	<.1	18.4	16.2	1143	2.66	15.7	1.1	2.4	1.7	52	.1	.4	.1	98	.33	.044	4	23	.66	149	.158	1	2.81	.013	.04	.1	.03	3.3	.1	<.05	8	<.5
L16900E 7425N	.7	14.6	5.8	58	<.1	14.6	8.2	234	2.49	4.9	.5	.8	1.1	16	1	.4	.1	74	.09	.111	3	20	.35	95	.124	2	2.66	.010	.05	.1	.05	2.1	.1	<.05	8	<.5
L16900E 7400N	.4	13.5	7.9	37	<.1	12.0	7.9	251	1.60	7.6	.7	1.4	1.0	48	1	.3	.1	67	.28	.034	7	13	.50	101	.118	1	2.07	.015	.03	<.1	.02	2.4	<.1	<.05	7	<.5
L16950E 7775N	.6	20.4	7.0	62	.1	22.2	11.7	337	3.10	6.2	.6	<.5	.8	55	.1	.6	.1	86	.31	.226	4	19	.61	156	.094	1	3.67	.012	.08	.1	.04	3.3	<.1	<.05	11	.6
L16950E 7750N	.3	13.0	7.0	35	<.1	15.2	9.4	352	1.65	4.5	.5	<.5	.8	67	.1	.7	.1	71	.45	.024	5	17	.58	110	.116	2	1.80	.018	.03	<.1	.02	2.5	<.1	<.05	6	<.5
L16950E 7725N	.9	22.3	6.9	52	<.1	10.9	11.7	306	3.20	4.4	.7	1.7	1.8	36	1	.6	.1	58	.16	.106	3	17	.50	179	.125	2	4.26	.011	.07	.1	.06	3.7	<.1	<.05	10	<.5
L16950E 7700N	1.3	23.7	7.1	75	.2	18.1	12.6	426	3.77	43.1	.8	1.6	1.2	62	.1	.8	.1	94	.23	.189	5	20	.65	181	.092	2	3.67	.013	.11	.1	.08	4.8	.1	<.05	10	.8
L16950E 7675N	.7	24.4	7.1	82	.3	15.4	9.8	402	2.81	12.5	.8	.5	.6	58	.2	.5	.1	79	.42	.137	5	21	.56	148	.089	4	2.23	.014	.08	.1	.05	3.6	.1	<.05	9	<.5
STANDARD 357	20.6	108.0	70.3	414	9.55	2.9	61.4	2.37	40.7																											



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppt	Mt ppm	Co ppm	Mn ppt	Fe %	As ppm	U ppm	Au ppb	Th ppt	Sr ppm	Ce ppm	So ppt	Bi ppm	V ppm	Ca %	P %	La ppm	Er ppm	Mg % ppm	Ba ppm	Ti % ppm	B ppm	Al %	Na %	K %	W ppm	Ig ppm	Sc ppm	T %	S %	Ga ppm	Se ppm						
G-1	.2	1.0	3.1	39	<.1	3.3	3.3	467	1.71	<.5	1.7	1.1	3.3	55	<.1	<.1	.1	34	.44	.076	7	6	.51	154	107	<.1	.84	.054	.42	2	.01	2.1	.34	<.05	4	<.5						
L1895GE 7650N	1.1	22.6	9.3	105	.1	11.6	10.6	423	3.20	4.2	6	<.5	1.3	18	.2	.2	1	91	13	.236	3	24	.43	134	156	3	2.07	.014	10	<.1	.05	4.1	.1	<.05	10	<.5						
L1895GE 7625N	1.1	22.4	8.0	66	.2	9.1	9.9	592	2.91	2.7	6	<.5	1.3	15	.2	.1	1	88	12	.158	5	21	.29	149	164	3	2.50	.014	08	.1	.04	3.1	.1	<.05	9	<.5						
L1895GE 7500N	1.4	26.8	6.2	50	.1	8.6	5.8	197	2.82	4.4	1.9	<.5	2.1	9	.1	.2	1	88	.08	.176	5	22	.19	109	170	<.1	2.36	.015	95	.1	.08	2.6	.1	<.05	10	<.5						
L1895CF 7575N	1.1	23.9	7.1	64	<.1	15.3	11.1	241	3.15	5.9	.8	1.9	2.3	12	.1	.3	1	117	.09	.087	5	28	.28	108	208	2	3.92	.015	04	<.1	.03	3.5	.1	<.05	10	<.5						
RE L1895GE 7575N	.9	22.8	6.9	67	<.1	15.1	10.9	279	3.13	5.9	.8	<.5	2.2	12	.2	.2	.1	111	.08	.082	4	25	.29	104	195	2	3.77	.015	04	.1	.05	3.3	.1	<.05	10	<.5						
L1895GE 7550N	.6	22.1	7.4	61	<.1	14.1	11.9	286	2.76	6.3	7	.8	1.8	23	.1	.3	1	133	.18	.093	3	24	.27	121	197	3	3.37	.016	95	<.1	.04	2.6	.1	<.05	9	<.6						
L1895GE 7525N	1.0	16.8	7.4	66	.1	16.6	11.4	428	2.73	18.3	.5	<.5	1.2	13	.1	.3	1	81	.14	.103	5	19	.37	125	355	<.1	2.07	.009	37	<.1	.05	3.2	.2	<.05	9	<.5						
L1895GE 7500N	.9	19.0	6.2	68	<.1	14.7	11.4	642	3.09	6.6	.5	<.5	1.3	30	1	.2	1	95	.28	.076	3	22	.49	165	383	<.1	2.82	.009	39	<.1	.03	4.5	.2	<.05	8	<.5						
L1895GE 7475N	.5	15.3	6.0	81	<.1	12.4	12.5	478	2.58	6.1	.8	4.2	1.1	57	.1	.2	1	93	.43	.033	4	29	.58	167	104	2	2.05	.018	.06	<.1	.01	4.1	.1	<.05	7	<.5						
L1895GE 7450N	1.6	21.8	6.6	66	.2	12.9	9.3	363	2.85	7.8	6	.6	1.2	23	.1	.4	1	92	.15	.108	3	27	.42	146	129	<.1	2.65	.013	.37	.1	.05	3.0	.1	<.05	9	<.5						
L1895GE 7425N	.7	17.1	8.9	65	.2	12.5	8.8	406	2.60	18.3	.6	<.5	1.2	39	.1	.4	.1	78	.32	.097	4	18	.40	169	156	<.1	2.36	.015	.37	.1	.09	2.8	1	.07	10	<.5						
L1895GE 7400N	.6	14.2	7.4	58	.2	11.6	11.9	617	2.30	7.8	.5	<.5	.9	38	.1	.5	.1	55	.30	.052	5	13	.48	125	145	<.1	1.81	.013	.36	.1	.04	2.4	.1	<.05	10	<.5						
L1890GE 7775N	1.1	19.2	7.5	71	<.1	18.6	12.1	491	3.18	51.9	.5	<.5	1.4	89	.2	.7	.1	95	.26	.109	4	18	.57	178	116	1	3.48	.012	.12	.1	.05	4.4	.1	<.05	10	<.5						
L1890GE 7750N	.9	23.6	6.0	83	<.1	21.0	14.5	495	3.45	14.3	7	2.5	1.5	121	2	.6	1	104	.30	.116	4	19	.76	215	111	<.1	4.04	.016	.11	<.1	.03	5.3	.1	<.05	11	<.5						
L1890GE 7725N	.8	23.2	6.0	63	.2	24.0	13.3	426	3.27	40.7	.9	<.5	.7	91	.2	.6	.1	94	.55	.079	10	22	.71	145	375	<.1	3.24	.017	.38	.1	.05	5.2	.1	<.05	9	<.5						
L1890CF 7700N	1.3	21.4	7.9	85	.1	12.1	14.5	559	3.98	231.7	1.1	<.5	1.7	77	.3	1.1	.1	121	.23	.099	6	13	.75	202	114	2	5.10	.021	.37	<.1	.07	6.6	.1	<.05	12	<.5						
L1890GE 7675N	.9	25.0	10.3	102	.2	5.6	18.3	1580	4.95	255.0	1.5	<.5	1.5	163	.2	1.5	.1	130	.42	.173	10	7	.85	182	079	<.1	4.00	.020	.39	<.1	.09	8.6	.2	<.05	11	<.5						
L1890GE 7650N	1.2	19.1	5.8	108	.2	16.6	10.1	423	3.35	19.4	.6	<.5	1.2	30	2	.7	1	85	.19	.205	4	14	.50	144	396	1	2.16	.011	.07	.1	.07	3.8	.1	<.05	10	<.5						
L1890GE 7625N	.8	30.8	8.1	89	.3	15.0	12.4	1057	3.25	12.0	.9	<.5	.9	63	2	.3	.1	99	.42	.067	3	21	.47	221	114	1	2.36	.016	.07	.1	.04	4.0	.1	<.05	9	<.5						
L1890CF 7600N	.9	36.9	8.7	87	<.1	12.0	11.5	599	3.19	4.2	1.2	.9	1.5	15	.2	.2	.1	105	.14	.127	6	24	.34	157	156	3	3.41	.013	.08	<.1	.03	3.9	1	.07	9	<.5						
L1890GE 7575N	.8	41.4	6.4	50	<.1	8.2	12.5	530	3.53	4.7	1.0	1.4	2.3	35	.2	.2	.1	131	.29	.049	5	24	.30	125	222	<.1	2.19	.019	.07	<.1	.03	3.3	1	.06	7	<.5						
L1890GE 7550N	.7	42.1	4.6	52	<.1	8.0	13.3	895	2.83	4.6	1.1	<.5	1.5	40	2	.2	.1	99	.40	.115	7	21	.29	126	154	5	1.76	.021	.10	.1	.06	3.5	<.1	<.05	5	<.5						
L1890GE 7525N	.7	14.6	6.2	93	.1	25.0	12.5	598	2.80	3.7	.5	<.5	1.3	33	.2	.4	.1	73	.22	.182	3	21	.49	182	094	<.1	3.19	.012	.10	<.1	.04	3.4	.1	<.05	10	<.5						
L1890CF 7500N	1.0	21.7	6.7	95	.2	18.7	14.9	1093	3.35	5.6	6	.7	1.3	20	.1	.3	.2	83	.18	.222	3	24	.48	157	063	<.1	3.18	.015	.10	<.1	.06	4.3	.1	<.05	10	<.5						
L1890GE 7475N	.7	16.3	5.5	99	.1	14.0	13.5	901	3.26	6.2	.7	<.5	1.2	18	2	1.4	.1	81	.14	.169	2	18	.96	166	100	1	2.28	.011	.06	.1	.05	3.8	.1	<.05	13	<.5						
L1890GE 7450N	.8	26.3	6.1	70	.2	19.1	12.5	372	3.21	6.9	.9	.6	2.4	17	.1	.5	.1	89	.13	.071	5	25	.62	111	137	4	3.92	.013	.07	<.1	.07	5.6	.1	<.05	10	<.5						
L1890CF 7425N	.8	23.5	6.5	76	.1	15.0	10.5	498	3.00	6.5	.7	<.5	1.8	14	.1	.6	.1	89	.10	.089	3	20	.60	90	125	2	3.16	.012	.06	<.1	.07	3.8	.1	<.05	10	<.5						
L1890CF 7400N	.9	17.0	7.1	56	.1	12.7	7.0	295	2.59	5.9	.6	<.5	1.4	16	.1	.4	.1	74	.11	.051	4	18	.42	96	132	<.1	2.57	.013	.05	<.1	.08	2.9	.1	<.05	10	<.5						
L1895GE 7775N	.8	22.3	5.7	48	.1	32.4	13.6	277	3.19	25.6	.6	<.5	1.3	65	2	.4	.1	61	.24	.067	4	27	.78	150	117	<.1	4.16	.021	.06	<.1	.06	4.1	<.1	<.05	10	<.5						
L1895CF 7750N	1.1	17.6	7.3	50	<.1	10.4	7.6	234	2.81	54.6	.7	<.5	1.6	43	.2	.3	.1	77	.13	.104	3	12	.42	88	115	<.1	3.85	.016	.05	.1	.08	3.9	<.1	<.05	10	<.5						
L1895CF 7725N	1.1	17.5	6.5	64	.1	17.8	10.5	316	3.00	33.2	.6	<.5	1.2	40	.2	.5	.1	85	.19	.091	3	16	.50	183	090	<.1	3.30	.015	.07	<.1	.07	4.2	.1	<.05	10	<.5						
L1895CF 7700N	.7	21.1	5.3	62	<.1	23.8	13.6	401	3.27	15.9	.7	<.5	1.5	94	.1	.9	.1	95	.31	.086	4	22	.78	187	096	1	3.74	.014	.11	<.1	.03	5.1	.1	<.05	10	<.5						
L1895GE 7675N	1.0	29.6	5.8	48	.3	21.6	19.4	789	2.57	29.3	1.7	<.5	1.3	98	.2	1.2	.1	77	.82	.035	17	24	.68	110	071	1	2.64	.030	.04	<.1	.04	9.1	.1	<.05	8	<.5						
L1895CF 7650N	.7	18.0	5.4	55	<.1	19.8	11.1	337	2.77	11.3	.6	<.5	.8	92	.1	.6	.1	79	.40	.066	4	20	.66	200	084	<.1	2.61	.026	.05	<.1	.02	3.8	<.1	<.05	8	<.5						
STANDARD 057	20.5	109.7	67.8	434	.9	55.5	9.5	622	2.33	46.5	4.7	61	4	4.2	70	6	2	5	8	4	4	85	37	376	11	175	1	93	366	170	38	96	076	.45	3.7	19	2.5	4	1	21	5	3



SAMPLE#	Mn	Cu	Pb	Zn	Ag	Kl	Co	Ni	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Yg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ta	S	Ga	Se		
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
G-1	.2	2.1	3.0	45	<.1	3.8	3.8	477	1.85	<.5	1.9	1.2	3.4	58	<.1	<.1	.1	35	46	.082	7	6	55	165	.113	8	.93	.058	.44	.1	.02	1.8	.3	<.05	4	<.5		
18950E 7625N	.8	31.9	9.6	92	.1	5.8	15.8	1585	4.39	15.3	1.3	<.5	1.7	8.1	2	.6	1	152	.70	.141	9	8	.85	115	.164	6	3.63	.052	.06	<.1	.04	8.0	.1	<.05	9	.5		
18950E 7600N	1.1	20.4	5.1	98	.2	13.5	12.0	715	3.42	19.8	.5	<.5	5	91	1	1.1	.1	78	.41	.089	3	14	.64	313	.039	4	3.02	.013	.09	<.1	.06	3.5	.1	<.05	10	<.5		
18950E 7575N	.6	32.9	7.9	81	<.1	14.2	17.4	1170	3.73	11.5	2.3	1.1	2.0	83	.1	.4	.1	167	.78	.087	10	45	.77	222	.233	9	1.85	.023	.08	<.1	.03	10.4	.1	<.05	6	.5		
18950E 7550N	.5	30.1	5.6	80	<.1	19.4	14.6	665	3.80	5.5	.9	3.6	1.4	75	1	.4	1	115	.6E	.102	5	28	.83	442	.138	5	3.19	.019	.07	<.1	.04	5.4	.1	<.05	8	<.5		
18950E 7525N	.4	24.0	9.7	115	.2	15.2	10.9	379	2.87	5.4	.8	.5	1.3	53	.2	.4	.1	75	.50	.092	7	19	.56	294	.117	3	2.51	.021	.07	<.1	.03	4.7	<.1	<.05	10	<.5		
18950E 7500N	.3	21.3	6.7	75	.1	12.9	10.9	513	2.83	8.7	.8	<.5	1.0	66	.1	.5	.1	81	.59	.047	5	18	.59	530	.064	3	2.11	.019	.06	<.1	.01	4.1	.1	<.05	8	<.5		
18950E 7475N	.5	35.5	4.7	114	.1	20.7	16.2	725	3.77	10.5	.8	2.3	1.6	29	2	1.0	.1	98	.32	.160	4	22	.87	182	.072	4	2.58	.012	.05	<.1	.04	5.1	.1	<.05	11	.5		
18950E 7450N	.6	19.2	6.2	83	.1	15.5	10.9	581	3.54	10.0	.6	<.5	1.2	25	.1	.5	.1	97	.16	.178	3	21	.60	207	.133	3	2.92	.012	.05	<.1	.06	3.7	.1	<.05	12	.7		
18950E 7425N	.7	19.7	6.2	78	.2	14.5	10.7	325	3.23	4.5	.6	<.5	1.2	24	.1	.6	.1	99	.18	.098	9	21	.47	163	.126	4	2.64	.012	.06	.1	.05	4.1	.1	<.05	12	<.5		
18950E 7400N	1.0	23.4	6.6	83	.2	17.7	11.4	484	3.43	7.0	6	1.1	1.6	20	.1	.6	.1	103	.17	.112	3	24	.55	96	.152	3	3.13	.014	.06	.1	.00	3.8	.1	<.05	11	<.5		
19000E 7775N	.7	31.7	7.9	55	.1	22.7	14.8	373	4.41	40.4	.9	<.5	2.5	121	.2	.5	.1	129	.46	.113	5	19	.61	186	.129	3	5.27	.024	.05	.1	.06	6.8	.1	<.05	13	.5		
19000E 7750N	2.1	45.6	4.1	72	<.1	13.5	18.0	891	4.09	78.7	.9	3.5	1.6	381	.1	1.3	.1	165	1.38	.067	9	15	1.09	165	.049	2	3.03	.026	.11	<.1	.05	9.1	.2	<.05	9	.6		
19000E 7725N	.9	23.3	7.6	54	<.1	16.9	12.8	305	3.99	21.6	.8	1.8	2.3	61	2	.5	.1	105	.22	.097	4	16	.61	158	.177	4	5.29	.017	.05	.1	.07	5.7	<.1	<.05	12	<.5		
19000E 7700N	1.2	13.4	8.6	55	<.1	14.7	9.2	306	3.58	23.0	.5	<.5	1.7	30	2	.5	.1	92	.19	.094	3	14	.39	123	.169	2	4.32	.015	.07	.1	.06	3.5	.1	<.05	12	<.5		
19000E 7675N	1.2	21.4	6.3	88	<.1	17.6	13.7	552	3.86	120.7	.8	<.5	1.8	89	.2	.9	.1	102	.25	.126	4	17	.70	189	.088	2	4.75	.016	.09	<.1	.05	5.5	.1	<.05	12	<.5		
19000E 7650N	.8	21.3	7.6	69	<.1	15.8	12.0	477	3.60	16.5	.7	1.2	1.9	55	2	.4	.1	95	.21	.095	4	16	.63	216	.112	2	4.74	.017	.09	<.1	.03	5.2	.1	<.05	12	.6		
19000E 7625N	1.3	13.5	6.5	95	<.1	23.2	12.0	359	3.27	10.7	.5	.8	1.2	44	2	.4	.1	84	.21	.135	4	21	.63	207	.092	3	3.75	.013	.08	<.1	.03	4.2	.1	<.05	11	<.5		
19000E 7600N	1.2	24.6	6.9	61	.2	22.9	14.7	1403	2.79	20.4	1.2	.7	1.2	93	1	1.1	.1	78	.66	.066	13	20	.84	490	.050	1	3.15	.018	.05	<.1	.04	4.9	.1	<.05	5	<.5		
19000E 7575N	1.0	19.7	6.3	75	<.1	23.2	11.5	309	3.26	11.8	.5	1.1	1.0	65	.2	.6	.1	80	.29	.152	4	21	.71	163	.076	2	3.33	.016	.06	<.1	.04	4.1	<.1	<.05	10	<.5		
19000E 7550N	1.1	17.3	6.3	72	.1	16.5	8.6	269	2.72	9.7	.5	<.5	1.0	50	.2	.5	.1	73	.31	.150	3	17	.57	103	.070	2	2.66	.014	.06	<.1	.04	3.1	.1	<.05	8	<.5		
19000E 7525N	.5	15.3	5.0	67	.1	18.8	8.6	263	3.06	7.0	.5	1.7	.9	43	.1	.5	.1	76	.15	.132	3	20	.53	222	.099	2	2.74	.014	.05	.1	.05	3.0	<.1	<.05	10	<.5		
19000E 7500N	.5	14.6	6.2	79	.1	20.5	8.1	257	2.77	5.2	.4	<.5	1.0	41	1	.3	.1	66	.22	.151	3	19	.57	142	.099	2	2.91	.016	.06	<.1	.03	3.2	<.1	<.05	11	<.5		
19000E 7475N	.7	15.8	6.7	63	.2	19.8	8.5	241	2.90	5.3	.5	2.3	1.1	33	1	.5	.1	70	.16	.153	3	19	.51	154	.097	2	3.14	.014	.06	.1	.05	3.4	<.1	<.05	10	<.5		
19000E 7450N	.8	19.9	6.3	62	<.1	21.0	10.1	344	3.13	6.5	.5	1.6	1.6	21	.1	.5	.1	66	.42	.102	4	21	.53	158	.120	3	3.15	.013	.06	.1	.06	3.9	<.1	<.05	10	<.5		
19000E 7425N	.7	15.6	5.1	84	.1	15.6	9.7	492	2.96	7.7	.5	<.5	1.3	14	1	1.0	.1	79	.13	.112	3	10	.50	66	.097	3	2.06	.011	.05	.1	.04	3.1	<.1	<.05	10	<.5		
19000E 7400N	.9	18.9	6.8	77	.1	17.6	9.7	379	3.16	6.6	.6	2.0	1.7	16	.1	.4	.1	93	.11	.081	4	22	.51	104	.134	5	3.34	.013	.06	.1	.04	3.7	<.1	<.05	11	<.5		
19050E 7775N	.5	17.3	4.6	68	<.1	29.1	11.1	454	3.31	33.0	4	2.5	1.0	81	.1	.9	.1	82	.33	.100	3	16	.90	189	.054	2	2.87	.009	.09	<.1	.04	3.9	<.1	<.05	9	<.5		
19050E 7750N	.8	14.7	6.3	89	.2	15.4	8.7	519	2.07	28.7	4	<.5	1.1	62	.3	.4	.1	67	.27	.213	3	16	.44	176	.054	3	2.59	.012	.06	.1	.06	2.9	<.1	<.05	9	<.5		
19050E 7725N	.8	31.4	7.0	69	.1	12.7	16.9	1035	4.20	143.9	3.3	3.7	2.9	735	.1	1.9	.1	141	1.19	.081	13	15	.91	241	.143	2	4.46	.053	.06	.1	.07	21.2	.1	<.05	10	.9		
19050E 7700N	1.0	24.1	6.8	69	<.1	24.7	13.0	475	4.06	85.7	.7	.7	1.5	72	.2	.9	.1	93	.26	.111	5	20	.64	116	.117	3	4.24	.015	.06	.1	.07	4.2	.1	<.05	11	<.5		
19050E 7675N	.8	12.4	7.1	75	<.1	15.1	7.0	264	2.66	9.9	.4	3.2	1.0	29	.1	.4	.1	63	.14	.138	3	16	.35	94	.095	3	2.59	.013	.05	.1	.05	2.6	<.1	<.05	10	<.5		
19050E 7650N	1.2	23.9	9.4	64	.1	12.0	11.5	2247	3.06	51.0	.8	2.8	1.1	50	2	.4	.1	76	.30	.155	8	13	.37	113	.110	4	3.14	.030	.06	.1	.10	3.7	.1	<.05	9	.5		
19050E 7625N	.8	23.3	7.0	84	.1	27.9	13.2	544	3.71	39.5	.9	.8	1.7	73	.2	.5	.1	91	.40	.111	6	22	.73	172	.113	3	4.64	.019	.08	<.1	.05	5.5	.1	<.05	12	<.5		
RF 19050E 7625N	.9	20.2	7.2	83	<.1	25.8	13.3	532	3.77	39.9	.8	1.2	1.9	79	.2	.5	.1	95	.41	.109	5	22	.76	177	.109	1	4.77	.020	.07	.1	.05	5.5	.1	<.05	11	<.5		
STANDARD 357	20.0	94.7	68.3	397	.9	53.8	8.2	516	2.35	47.1	4.8	57.1	4.2	70	5.1	5.6	4.5	84	91	.660	11	170	1.05	352	120	10	96	.075	.41	3.7	.20	2.7	4.2	.19	5	4.6		

Sample type: SOIL SS90 GGG. Samples beginning 'RF' are Returns and 'RRF' are Reject Returns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	V	Al	Th	Sr	Cd	Sb	Bi	W	Ca	P	Ta	Cr	Mg	Ba	Yf	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
G-1	.1	1.8	2.9	44	<.1	3.4	4.0	503	1.78	<.5	1.9	<.5	3.9	49	<.1	<.1	.1	34	.43	.074	8	6	.55	186	.118	2	.87	.049	.46	.3	<.01	1.7	.3	<.05	5	<.5
L19050E 7600N	.7	20.7	8.0	81	<.1	20.5	12.5	747	3.17	32.6	.8	1.0	1.1	70	.2	.6	.1	92	.50	.074	9	21	.74	168	.102	<.1	3.96	.015	.06	.1	.03	4.9	.1	<.05	10	<.5
L19050E 7575N	.9	13.6	8.3	72	.1	15.0	9.0	983	2.19	11.6	.5	<.5	.9	51	.1	.5	.1	57	.55	.054	7	18	.52	125	.089	<.1	2.56	.014	.06	.1	.04	5.0	.1	<.05	8	<.5
L19050E 7550N	.6	13.3	6.8	43	<.1	12.7	8.6	390	1.85	9.0	.6	.7	.5	51	.1	.4	.1	50	.34	.043	9	14	.38	106	.064	<.1	1.60	.015	.04	<.1	.03	2.9	.1	<.05	6	<.5
L19050E 7525N	.7	17.7	6.6	52	.1	16.6	9.4	516	2.19	10.5	.8	1.2	.5	81	.2	.7	.1	59	.55	.041	11	18	.52	395	.075	<.1	1.80	.017	.04	.1	.03	2.9	.1	<.05	7	<.5
L19050E 7500N	.5	17.1	5.6	73	<.1	20.2	11.8	763	2.52	10.9	1.4	<.5	.6	80	.1	.9	.1	76	.58	.046	9	24	.73	652	.084	<.1	2.01	.021	.06	<.1	.02	5.6	.1	<.05	8	<.5
L19050E 7475N	.5	17.7	6.2	58	.1	19.1	12.3	637	2.66	10.4	1.5	<.5	.5	83	.1	.5	.1	79	.57	.048	11	23	.62	629	.084	<.1	2.26	.018	.05	.1	.03	3.7	<.1	<.05	8	<.5
L19050E 7450N	.3	8.4	3.4	49	<.1	8.4	7.0	268	2.04	20.0	.7	<.5	.2	65	<.1	1.6	.1	51	.50	.027	3	12	.52	523	.020	<.1	1.43	.009	.07	.1	.01	2.0	.1	<.05	8	<.5
L19050E 7425N	.5	10.7	4.8	66	<.1	10.3	8.3	454	2.56	10.3	.5	<.5	1.7	20	.1	2.1	.1	63	.21	.120	3	14	.60	99	.082	<.1	1.84	.007	.05	.1	.03	2.8	.1	<.05	12	<.5
L19050E 7400N	.7	14.3	7.5	63	<.1	15.6	8.3	318	2.50	6.6	.5	<.5	1.1	26	.1	.7	.1	68	.17	.052	7	19	.47	112	.135	<.1	2.36	.012	.07	.1	.03	2.6	<.1	<.05	11	<.5
STANDARD D57	21.1	111.0	71.5	424	.9	57.9	9.8	635	2.43	49.9	5.0	52.8	4.5	72	6.5	5.9	4.7	86	.97	.086	15	173	1.10	375	.127	41	1.02	.077	.46	3.9	.21	2.6	4.3	.23	5	3.4

Sample type: SOIL SS&O 600.



GEOCHEM PRECIOUS METALS ANALYSIS



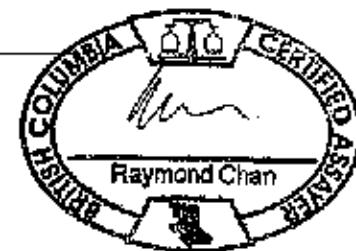
Tanqueray Resources Ltd. PROJECT Niccoaman File # A604821

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310 - 505 - 8th Ave S.W., Calgary Alberta T2P 1G2 Submitted By: Phillip Mudry

SAMPLE#	Au** ppb	Sample gm
G-1	<2	30
L18350E 7775N	3	30
L18350E 7750N	<2	30
L18350E 7725N	<2	30
L18350E 7700N	<2	30
L18350E 7675N	<2	30
L18350E 7650N	<2	30
L18350E 7625N	<2	30
L18350E 7600N	<2	30
L18350E 7575N	<2	30
L18350E 7550N	<2	30
L18350E 7525N	<2	30
L18350E 7500N	<2	30
L18350E 7475N	<2	30
L18350E 7450N	<2	30
L18350E 7425N	<2	30
L18350E 7400N	<2	30
L18400E 7775N	<2	30
L18400E 7750N	<2	30
L18400E 7725N	<2	30
L18400E 7700N	<2	30
L18400E 7675N	<2	30
L18400E 7650N	<2	30
L18400E 7625N	<2	30
L18400E 7600N	<2	30
L18400E 7575N	<2	30
L18400E 7550N	<2	30
RE L18400E 7550N	<2	15
L18400E 7525N	<2	30
L18400E 7500N	<2	30
L18400E 7475N	<2	30
L18400E 7450N	<2	30
L18400E 7425N	<2	30
L18400E 7400N	<2	30
L18450E 7775N	<2	30
STANDARD CxF41	797	30

GROUP 30 FIRE GEOCHEM AU 30 GM SAMPLE FUSION, DORE DISSOLVED IN ACLA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
HIGH GRADE GOLD ASSAY RECOMMENDED FOR 30 GM ANALYSIS > 10ppm and 50 GM > 5ppm.
- SAMPLE TYPE: SOIL SS80 80C Samples beginning 'RR' are Refrains and 'RRF' are Reject Refrains.



Data FA _____ DATE RECEIVED: AUG 8 2006 DATE REPORT MAILED: 2006-08-08 11:37



SAMPLE#	Au** ppb	Sample g/m
G-1	<2	30
L18450E 7750N	<2	30
L18450E 7725N	<2	15
L18450E 7700N	<2	30
L18450E 7675N	<2	30
L18450E 7650N	<2	30
L18450E 7625N	4	30
L18450E 7600N	<2	30
L18450E 7575N	<2	30
L18450E 7550N	<2	30
L18450E 7525N	<2	30
L18450E 7500N	<2	30
L18450E 7475N	<2	30
L18450E 7450N	<2	30
L18450E 7425N	<2	30
L18450E 7400N	<2	30
L18500E 7775N	<2	30
L18500E 7750N	<2	30
L18500E 7725N	<2	30
L18500E 7700N	<2	30
L18500E 7675N	<2	30
L18500E 7650N	<2	30
L18500E 7625N	<2	30
L18500E 7600N	<2	30
L18500E 7575N	<2	30
L18500E 7550N	<2	30
L18500E 7525N	<2	30
L18500E 7500N	<2	30
L18500E 7475N	<2	30
L18500E 7450N	<2	30
L18500E 7425N	<2	30
L18500E 7400N	<2	30
L18550E 7775N	<2	30
RE L18550E 7775N	<2	30
L18550E 7750N	<2	30
STANDARD OXF41	798	30

Sample type: SOTI, SS80 60C. Samples beginning 'RE' are Reruns and 'RRR' are Reject Reruns.



SAMPLE#	Au**	Sample ppb	gm
G-1	<2		30
L18550E 7725N	<2		30
L18550E 7700N	<2		30
RE L18550E 7700N	<2		15
L18550R 7675N	5		30
L18550E 7650N	<2		30
L18550E 7625N	<2		30
L18550E 7600N	<2		30
L18550E 7575N	<2		30
L18550E 7550N	<2		30
L18550E 7525N	<2		30
L18550E 7500N	<2		30
L18550E 7475N	<2		30
L18550E 7450N	<2		30
L18550E 7425N	<2		30
L18550E 7400N	<2		30
L18600E 7775N	<2		30
L18600E 7750N	<2		30
L18600E 7725N	<2		30
L18600E 7700N	<2		30
L18600E 7675N	<2		30
L18600E 7650N	<2		30
L18600E 7625N	5		15
L18600E 7600N	<2		15
L18600E 7575N	2		30
L18600E 7550N	<2		30
L18600E 7525N	<2		30
L18600E 7500N	<2		15
L18600E 7475N	<2		30
L18600E 7450N	<2		30
L18600E 7425N	<2		15
L18600E 7400N	<2		30
L18650E 7775N	<2		30
L18650E 7750N	<2		30
L18650E 7725N	<2		30
STANDARD OxF41	791		30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au**	Sample
	ppb	gm
G-1	<2	30
L18650E 7700N	<2	30
L18650E 7675N	<2	30
L18650E 7650N	<2	30
L18650E 7625N	<2	30
L18650E 7600N	<2	30
L18650E 7575N	<2	30
L18650E 7550N	7	30
L18650E 7525N	<2	30
L18650E 7500N	<2	30
L18650E 7475N	<2	30
L18650E 7450N	<2	30
L18650E 7425N	<2	30
L18650E 7400N	<2	15
L18700E 7775N	<2	30
L18700E 7750N	<2	30
L18700E 7725N	<2	30
L18700E 7700N	<2	30
L18700E 7675N	<2	30
L18700E 7650N	<2	30
L18700E 7625N	<2	30
L18700E 7600N	<2	30
L18700E 7575N	<2	30
L18700E 7550N	<2	30
L18700E 7525N	<2	30
L18700E 7500N	<2	30
L18700E 7475N	<2	30
L18700E 7450N	<2	30
L18700E 7425N	5	15
RE L18700E 7425N	3	15
L18700E 7400N	<2	30
L18750E 7775N	<2	30
L18750E 7750N	<2	30
L18750E 7725N	<2	30
L18750E 7700N	2	30
STANDARD OxF41	794	30

Sample type: SCIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au**	Sample
	ppb	gm
C-1	<2	30
L18750E 7675N	<2	30
L18750E 7650N	<2	30
L18750E 7625N	<2	30
L18750E 7600N	<2	30
L18750E 7575N	<2	30
L18750E 7550N	<2	30
L18750E 7525N	<2	30
L18750E 7500N	<2	15
L18750E 7475N	<2	15
L18750E 7450N	<2	15
L18750E 7425N	<2	30
L18750E 7400N	<2	30
L18800E 7775N	<2	30
L18800E 7750N	3	30
L18800E 7725N	<2	30
L18800E 7700N	<2	30
L18800E 7675N	<2	30
L18800E 7650N	<2	30
RE L18800E 7650N	<2	30
L18800E 7625N	<2	30
L18800E 7600N	<2	30
L18800E 7575N	<2	30
L18800E 7550N	<2	30
L18800E 7525N	<2	30
L18800E 7500N	<2	30
L18800E 7475N	<2	30
L18800E 7450N	<2	30
L18800E 7425N	<2	30
L18800E 7400N	<2	30
L18850E 7775N	<2	30
L18850E 7750N	<2	30
L18850E 7725N	<2	30
L18850E 7700N	3	30
L18850E 7675N	<2	30
STANDARD CxF41	806	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au**	Sample
	ppb	gm
G-1	<2	30
L18850E 7650N	<2	30
L18850E 7625N	<2	30
L18850E 7600N	<2	30
L18850E 7575N	3	30
RE L18850E 7575N	<2	30
L18850E 7550N	<2	30
L18850E 7525N	3	30
L18850E 7500N	<2	30
L18850E 7475N	<2	30
L18850E 7450N	<2	30
L18850E 7425N	<2	30
L18850E 7400N	<2	30
L18900E 7775N	<2	30
L18900E 7750N	<2	30
L18900E 7725N	<2	30
L18900E 7700N	<2	30
L18900E 7675N	<2	30
L18900E 7650N	<2	30
L18900E 7625N	<2	30
L18900E 7600N	<2	30
L18900E 7575N	<2	30
L18900E 7550N	<2	30
L18900E 7525N	<2	30
L18900E 7500N	<2	30
L18900E 7475N	<2	30
L18900E 7450N	<2	30
L18900E 7425N	<2	30
L18900E 7400N	<2	30
L18950E 7775N	<2	30
L18950E 7750N	2	30
L18950E 7725N	2	30
L18950E 7700N	<2	30
L18950E 7675N	2	30
L18950E 7650N	<2	30
STANDARD OxF41	817	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au**	Sample ppb	gm
C-1	2		30
L18950E 7625N	2		30
L18950E 7600N	2		30
L18950E 7575N	2		30
L18950E 7550N	3		30
L18950E 7525N	2		30
L18950E 7500N	2		30
L18950E 7475N	2		30
L18950E 7450N	2		30
L18950E 7425N	2		30
L18950R 7400N	2		30
L19000E 7775N	2		30
L19000E 7750N	7		30
L19000E 7725N	2		30
L19000R 7700N	2		30
L19000E 7675N	2		30
L19000E 7650N	2		30
L19000E 7625N	2		30
L19000E 7600N	2		30
L19000E 7575N	2		30
L19000E 7550N	2		30
L19000E 7525N	2		30
L19000R 7500N	2		30
L19000E 7475N	2		30
L19000E 7450N	2		30
L19000R 7425N	2		30
L19000E 7400N	2		30
L19050E 7775N	2		30
L19050E 7750N	2		30
L19050R 7725N	3		30
L19050E 7700N	2		30
L19050E 7675N	2		30
L19050E 7650N	2		30
L19050E 7625N	2		30
RE L19050E 7625N	2		30
STANDARD OXF41	805		30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	13	15
L19050E 7600N	10	15
L19050E 7575N	5	15
L19050E 7550N	10	15
L19050E 7525N	4	15
L19050E 7500N	8	15
L19050E 7475N	12	15
L19050E 7450N	2	15
L19050E 7425N	11	15
L19050E 7400N	5	15
STANDARD OxF41	815	30

Sample type: SOIL SS80 60C...



GEOCHEMICAL ANALYSIS CERTIFICATE



Tanqueray Resources Ltd. PROJECT Nicoaman File # A605037

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310 - 505 - 8th Ave S.W., Calgary Alberta T2P 1G2 - Submitted by: Phillip Mudry

SAMPLE#	Fe	Cu	Pb	Zn	Ag	Ni	Co	Mn	Ca	As	U	Au	Th	Sr	Ed	Sb	Bi	V	Ca	P	La	Ce	Mg	Ba	Ti	B	Al	Na	K	W	Vg	Sc	Tl	S	Sa	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
4-1	2	5.2	2.9	45	<1	3.9	4.2	511	1.82	<5	1.9	<5	3.9	61	.1	<1	.1	34	.51	.078	7	7	.61	193	.123	3	.97	.081	.51	1	<.01	2.2	.4	<.35	5	<.5
18500E 8400N	5	20.6	4.6	66	<1	36.8	13.7	308	3.32	4.7	4	<5	1.1	55	.1	.8	1	77	.24	131	4	28	77	155	.051	1	3.82	.014	.06	.1	.03	3.9	.1	<.95	13	<.5
18500E 8375N	3	16.8	5.5	63	<1	33.4	12.7	404	2.54	5.0	.5	<5	1.2	40	.1	.5	1	60	.26	109	5	28	.57	172	.056	<1	3.61	.015	.06	<.1	.02	3.7	<.1	<.35	13	<.5
18500E 8350N	4	20.1	5.5	60	<1	37.4	13.5	247	2.99	4.3	4	<5	1.2	82	<.1	.3	1	67	.37	153	6	32	.66	160	.070	1	3.86	.015	.07	<.1	.04	4.4	<.1	<.35	9	<.5
18500E 8325N	5	21.3	6.0	69	<1	36.3	12.8	252	3.14	4.5	6	<5	1.7	61	.1	.3	1	65	.39	145	5	33	.60	100	.033	1	3.95	.019	.07	<.1	.03	5.0	<.1	<.05	13	<.5
18500E 8300N	6	16.8	5.1	62	<1	33.3	12.3	217	2.76	5.0	.4	<5	1.1	43	.1	.4	.1	65	.28	.091	4	28	.52	156	.072	1	3.22	.016	.07	<.1	.03	3.5	<.1	<.05	8	<.5
18500E 8275N	4	20.0	3.3	60	<1	31.4	15.2	571	2.83	7.2	.6	2.2	1.5	106	.1	1.5	<.1	81	.86	.169	10	30	.08	183	.093	2	1.81	.034	.18	<.1	.02	6.9	.1	<.05	5	<.5
18500E 8250N	5	18.3	5.3	60	<1	28.1	12.1	282	2.55	7.3	3	<5	1.1	51	.1	.5	1	77	.34	.141	3	30	.55	109	.083	1	2.92	.015	.10	.1	.03	3.6	<.1	<.05	8	<.5
18500E 8225N	5	12.3	5.9	54	<1	14.5	8.8	463	2.31	3.9	8	<5	.9	50	.1	.7	1	64	.52	.034	16	18	.35	213	.043	2	1.50	.014	.04	.1	.03	3.3	<.1	<.05	7	<.5
18500E 8200N	5	11.9	5.8	62	<1	14.2	7.8	350	2.41	14.3	5	<5	.8	27	.1	.9	1	64	.27	.067	4	17	.26	156	.038	1	1.50	.010	.04	.1	.03	2.6	<.1	<.05	9	<.5
18500E 8175N	3	21.2	6.9	60	<1	15.1	11.0	676	2.05	9.3	3	<5	.9	47	.1	.5	1	54	.40	.039	8	17	.35	144	.050	1	1.75	.011	.05	<.1	.04	2.8	<.1	<.05	7	<.5
18500E 8150N	7	15.8	5.9	60	<1	15.8	7.8	433	2.78	5.5	.5	<5	1.0	33	.1	.9	1	75	.25	.046	4	20	.36	144	.075	1	2.39	.010	.06	<.1	.04	2.8	<.1	<.05	10	<.5
18500E 8125N	5	20.1	5.8	71	<1	29.4	11.5	433	2.82	5.4	.5	1.9	1.1	36	.1	.7	1	66	.23	.101	4	27	.40	146	.075	1	2.72	.012	.07	<.1	.03	3.4	<.1	<.05	9	<.5
18500E 8100N	6	21.4	5.6	60	<1	29.4	12.9	656	3.77	7.2	.5	.6	1.5	35	.1	1.2	.1	80	.20	.075	4	29	.67	196	.087	<1	3.00	.013	.07	<.1	.03	3.7	<.1	<.05	10	<.5
18500E 8075N	7	17.6	6.2	63	.1	26.5	11.0	302	2.90	5.3	5	<5	1.2	27	.1	.8	1	68	.15	.076	4	25	.46	137	.076	<1	3.14	.013	.05	<.1	.04	3.1	<.1	<.05	10	<.5
18500E 8050N	5	14.5	7.1	55	.1	21.4	9.0	269	2.62	4.6	.3	<5	.8	45	.2	.5	.1	62	.26	.123	3	22	.43	135	.066	1	2.53	.012	.06	<.1	.05	2.7	<.1	<.05	9	<.5
18500E 8025N	5	14.3	7.1	76	<1	19.3	8.9	305	2.59	5.6	.4	<5	.7	44	.2	.5	.1	65	.27	.159	4	22	.42	134	.062	1	2.45	.012	.08	<.1	.03	2.8	<.1	<.05	9	<.5
18500E 8000N	7	16.7	6.4	50	.1	15.9	8.6	239	2.32	9.0	1.3	<5	.6	45	.2	1.4	.1	55	.64	.046	7	15	.40	210	.048	1	1.97	.014	.06	.1	.05	2.5	<.1	<.05	8	<.5
18500E 7975N	3	30.8	4.7	71	<1	22.1	14.5	791	3.65	17.3	1.1	<5	3.4	62	<.1	5.9	.1	76	.71	.168	15	21	.96	155	.030	2	2.28	.013	.10	.1	.62	7.5	.1	<.05	8	<.5
18500E 7950N	7	16.4	6.4	64	.3	13.9	8.0	258	2.62	7.8	.4	<5	.8	37	.1	.5	.1	71	.32	.130	3	17	.35	178	.029	1	2.39	.010	.08	<.1	.04	2.6	<.1	<.05	8	<.5
18500E 7925N	5	17.2	4.5	66	<1	13.8	11.0	837	2.80	5.5	.7	<5	.8	83	.1	.6	.1	84	.50	.049	7	21	.52	127	.037	2	1.89	.017	.07	.1	.04	4.9	.1	<.05	6	<.5
18500E 7900N	8	22.4	7.6	56	.1	10.4	11.1	313	3.67	4.4	9	<5	2.0	67	.2	.3	.1	105	.40	.096	6	13	.36	126	.121	4	3.74	.025	.09	<.1	.05	5.1	<.1	<.05	10	<.5
18500E 7875N	7	18.0	8.9	71	<1	16.3	10.9	352	3.19	6.3	.7	<5	1.4	49	.2	.3	.2	86	.38	.083	3	15	.48	141	.117	1	4.71	.019	.06	<.1	.04	3.8	<.1	<.05	13	<.5
18500E 7850N	1.2	18.2	3.1	41	<1	16.5	9.8	190	2.75	5.4	.5	.6	1.7	25	.1	.5	.1	82	.16	.055	3	16	.35	114	.124	1	3.51	.015	.05	<.1	.05	2.6	<.1	<.05	10	<.5
18500E 7825N	5	18.1	11.3	66	<1	7.0	13.4	655	3.20	3.6	1.0	<5	2.3	90	.2	.4	.1	143	.52	.054	6	13	.41	136	.209	1	3.23	.033	.11	<.1	.04	4.9	.1	<.05	9	<.5
18500E 7800N	1.2	20.1	8.8	62	<1	7.7	12.8	1635	2.74	5.0	.6	.9	1.3	63	.3	.4	.1	100	.93	.136	5	11	.29	199	.119	3	2.74	.039	.12	<.1	.06	4.4	.1	<.05	7	<.5
18500E 8400N	3	24.5	3.2	57	<1	22.2	14.4	417	3.13	6.9	.4	<5	1.3	103	.1	.8	<.1	87	.52	.068	6	34	.86	150	.093	2	2.21	.030	.08	<.1	.02	4.7	<.1	<.05	6	<.5
RE 18550E 8400N	4	24.1	3.0	57	<1	34.1	14.9	422	3.23	7.3	.5	1.0	1.3	105	.1	.8	.1	86	.53	.092	6	34	.92	156	.093	1	2.40	.030	.08	.1	.02	4.7	<.1	<.05	6	<.5
18550E 8375N	6	18.4	4.6	54	<1	34.3	12.4	244	2.97	5.2	4	1.3	1.1	49	<.1	.6	.1	71	.74	.100	4	25	.61	176	.093	2	3.07	.020	.06	<.1	.03	3.4	<.1	<.05	8	<.5
18550E 8350N	4	24.2	3.2	54	<1	33.8	13.7	300	3.19	5.5	.4	<5	1.4	107	<.1	.7	.1	86	.43	.059	7	35	.86	192	.098	2	2.91	.023	.08	<.1	.03	4.8	<.1	<.05	6	<.5
18550E 8325N	5	13.4	5.0	55	<1	26.2	10.1	175	2.57	7.7	.4	<5	1.3	37	.1	1.0	.1	61	.13	.090	4	22	.41	101	.064	1	2.70	.016	.06	<.1	.04	3.2	<.1	<.05	8	<.5
18550E 8300N	5	18.2	3.7	64	<1	33.1	12.7	213	3.02	10.4	.5	<5	1.3	52	.1	1.5	.1	70	.32	.142	4	27	.63	141	.061	1	3.03	.018	.06	<.1	.03	4.4	<.1	<.05	8	<.5
18550E 8275N	3	14.1	4.4	50	<1	26.7	10.6	191	2.37	4.4	.3	<5	.7	39	.1	.5	.1	60	.26	.081	3	23	.45	126	.085	1	2.39	.018	.06	<.1	.04	2.5	<.1	<.05	7	<.5
18550E 8250N	6	11.6	4.5	69	<1	17.5	8.9	201	2.92	16.9	.5	.5	1.1	29	.1	1.7	.1	66	.28	.153	4	18	.35	115	.097	2	2.14	.010	.06	.1	.03	2.6	<.1	<.05	8	<.5
18550E 8225N	4	8.1	4.4	84	<1	11.2	7.8	570	2.23	23																										



SAMPLE#	Hg	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	I	Au	Tl	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Y	Zr	Co	So
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
5-1	.2	4.8	2.8	42	<1	4.2	4.1	560	1.82	<5	2.0	1.2	4.0	60	<1	<1	.1	34	.46	.076	7	7	.55	193	.123	3	.96	.076	.47	.1	.91	1.9	.2	<.05	4	<.5
18550E 8200N	.3	9.5	4.2	59	<1	6.8	7.0	651	2.15	30.6	.5	1.8	.9	11	.1	2.1	.1	54	.24	.130	6	8	.10	77	.039	3	1.16	.036	.65	.1	.03	2.1	<.1	<.05	5	<.5
18550E 8175N	.5	12.7	5.6	75	<1	15.0	6.9	200	3.39	43.5	.5	<.5	1.2	22	<.1	.7	.1	69	.21	.110	5	18	34	74	.030	2	1.74	.007	.65	<.1	.02	3.3	<.1	<.05	9	<.5
18550E 8150N	.7	13.3	5.5	86	<1	22.3	10.1	344	3.26	10.4	.6	<.5	1.9	26	.1	1.9	.1	74	.23	.140	4	22	.54	117	.034	2	3.00	.039	.66	.1	.10	3.6	<.1	<.05	11	<.5
18550E 8125N	.4	21.4	3.7	56	<1	27.8	13.2	359	3.15	13.2	.7	<.5	1.5	36	.1	2.0	.1	83	.35	.055	7	2E	.86	23E	.057	1	2.53	.018	.65	.1	.02	4.5	<.1	<.05	7	<.5
18550E 8100N	.7	12.0	7.0	54	<1	20.5	9.9	222	2.73	5.9	.4	2.9	.9	40	.1	.6	.1	68	.26	.052	3	23	40	196	.132	<.1	2.83	.013	.65	.1	.04	2.0	<.1	<.05	9	<.5
18550E 8075N	.5	16.2	6.4	61	<1	17.7	9.8	319	2.91	8.6	.5	<.5	1.1	50	.1	1.3	.1	73	.37	.045	4	23	59	189	.058	1	1.93	.013	.67	.1	.03	3.0	<.1	<.05	8	<.5
18550E 8050N	.5	13.3	4.9	66	<1	14.4	8.1	227	2.62	7.1	.4	<.5	.6	38	.1	.9	.1	64	.26	.055	3	19	47	129	.044	1	1.96	.011	.66	<.1	.04	2.1	<.1	<.05	9	<.5
18550E 8025N	.4	14.8	2.9	66	<1	10.1	7.2	306	2.40	9.4	.6	<.5	1.6	14	.1	2.0	.2	63	.22	.143	7	12	48	85	.055	1	1.96	.008	.67	.1	.03	3.2	<.1	<.05	9	<.5
18550E 8025N	.4	15.4	3.1	73	<1	10.9	7.4	396	2.44	9.9	.6	<.5	1.9	14	.1	1.9	.2	63	.23	.144	7	11	.49	85	.058	1	1.97	.008	.67	<.1	.03	3.4	<.1	<.05	10	<.5
18550E 8000N	.7	23.1	3.8	51	<1	21.9	14.0	569	2.84	18.2	.9	1.0	1.7	98	.1	2.1	.1	85	.69	.083	8	26	81	173	.079	2	1.30	.027	.67	.1	.02	5.5	<.1	<.05	6	<.5
18550E 7975N	.7	13.5	4.9	68	<1	18.5	11.4	540	2.76	9.1	.5	<.5	1.5	24	.1	.7	.2	68	.24	.090	6	18	.49	166	.040	<.1	2.76	.009	.67	<.1	.03	3.0	.1	<.05	9	<.5
18550E 7950N	1.4	15.1	5.7	63	<1	15.4	9.0	474	2.68	8.0	.4	<.5	.6	28	.1	1.0	.1	69	.25	.114	2	17	.42	120	.059	<.1	2.05	.009	.67	.1	.04	2.6	<.1	<.05	9	<.5
18550E 7925N	1.0	19.7	7.1	66	<1	17.7	10.9	282	3.04	5.4	.7	1.2	1.7	30	.1	.5	.1	78	.19	.093	5	19	.47	116	.094	<.1	4.26	.012	.65	<.1	.05	4.2	<.1	<.05	11	<.5
18550E 7900N	1.0	15.9	7.2	59	<1	16.9	9.7	444	2.98	5.6	.5	<.5	1.0	32	.1	.4	.1	77	.20	.130	3	16	.43	113	.080	<.1	3.36	.012	.64	<.1	.03	3.2	<.1	<.05	11	<.5
18550E 7875N	.7	10.6	7.3	49	<1	14.5	10.4	744	2.62	5.1	.7	<.5	.9	60	.1	.4	.1	81	.44	.049	6	17	.44	118	.087	<.1	2.66	.018	.64	.1	.02	3.4	.1	<.05	8	<.5
18550E 7850N	1.2	21.2	6.3	52	<1	19.1	11.8	317	3.35	7.1	.6	1.1	1.7	24	.1	.6	.1	92	.13	.049	5	19	.56	121	.093	<.1	4.04	.013	.66	<.1	.04	4.3	<.1	<.05	10	<.5
18550E 7825N	.5	21.9	8.0	48	<1	17.1	15.1	271	3.31	6.2	.8	1.5	2.2	77	.1	.5	.1	115	.44	.059	11	20	.53	208	.195	<.1	4.63	.031	.66	<.1	.04	5.2	.1	<.05	10	<.5
18550E 7800N	.6	14.8	7.0	53	<1	11.0	12.9	256	3.08	5.3	.6	1.2	1.6	64	.1	.3	.1	114	.39	.119	3	14	.31	258	.173	<.1	4.50	.029	.61	<.1	.02	3.3	.1	<.05	11	<.5
18550E 8400N	.4	15.3	4.5	31	<1	20.6	12.2	349	2.50	5.4	.3	<.5	.8	59	.2	.6	.1	68	.30	.158	3	29	.47	111	.074	<.1	2.68	.015	.67	.1	.02	2.6	<.1	<.05	8	<.5
18550E 8375N	.4	18.0	3.8	59	<1	23.1	13.7	456	3.03	5.4	.3	<.5	1.1	62	.1	.7	.1	75	.33	.142	4	31	.61	133	.061	<.1	2.77	.018	.67	<.1	.03	3.8	<.1	<.05	7	<.5
18550E 8350N	.5	15.2	3.8	50	<1	22.1	12.6	399	2.99	6.2	.4	1.6	1.2	64	.1	.6	.1	80	.30	.115	4	32	.68	175	.061	<.1	2.95	.015	.68	<.1	.02	3.7	<.1	<.05	7	<.5
18550E 8325N	.4	13.4	5.1	53	<1	29.3	10.4	252	2.69	4.8	.4	1.0	1.2	44	.1	.4	.1	62	.27	.169	3	27	.43	201	.065	<.1	2.78	.014	.69	<.1	.03	2.7	<.1	<.05	7	<.5
18550E 8300N	.5	19.0	4.7	64	<1	35.4	13.4	253	3.24	7.9	.5	.6	1.5	58	.1	.7	.1	76	.29	.119	5	32	.61	136	.082	.1	3.42	.018	.67	<.1	.02	4.0	<.1	<.05	8	<.5
18550E 8275N	.5	13.4	9.3	54	<1	15.6	8.1	464	2.12	9.1	.4	1.3	.0	65	.3	1.4	.1	54	.79	.129	4	17	.24	190	.059	<.1	1.56	.011	.67	.1	.07	2.0	<.1	.19	6	<.5
18550E 8250N	.5	11.7	5.5	112	<1	13.4	11.8	616	2.83	17.8	.5	.5	1.6	27	.1	2.6	.1	65	.39	.314	6	14	.38	154	.054	.1	2.30	.009	.61	.1	.06	2.8	.1	<.05	5	<.5
18550E 8225N	.3	7.9	5.9	46	<1	6.1	6.0	619	1.57	10.9	.4	<.5	1.9	14	<.1	1.4	.1	40	.15	.055	6	9	.14	127	.036	<.1	.75	.006	.66	.1	.02	1.5	<.1	<.05	6	<.5
18550E 8200N	.8	24.2	5.7	98	<1	40.2	15.5	590	3.60	25.1	.5	7	1.9	35	.1	1.4	.1	85	21	.078	6	30	.64	266	.055	<.1	3.44	.011	.66	<.1	.04	4.0	.1	<.05	9	<.5
18550E 8175N	.5	10.8	6.1	76	<1	15.0	7.2	486	2.59	15.3	.3	<.5	1.5	18	.1	.7	.1	62	.18	.130	4	17	.28	96	.035	.1	2.25	.005	.65	.1	.04	2.4	<.1	<.05	9	<.5
18550E 8150N	.4	14.1	6.5	55	<1	24.4	11.1	385	2.77	5.4	.4	.9	1.0	52	.1	.6	.1	66	.30	.087	5	25	.49	135	.078	.1	2.60	.012	.66	<.1	.02	3.1	<.1	<.05	9	<.5
18600E 8125N	.4	12.3	7.0	49	<1	21.0	6.2	224	2.48	7.2	.5	.6	1.3	36	<.1	.6	.1	59	.28	.169	4	21	.39	117	.076	<.1	2.78	.013	.67	.1	.02	2.9	<.1	<.05	9	<.5
18600E 8100N	.4	11.1	3.9	46	<1	13.1	7.7	256	2.66	10.3	.4	.5	1.7	33	<.1	3.9	.1	67	.20	.034	3	19	.40	123	.065	.1	1.57	.010	.65	.1	.01	2.7	<.1	<.05	7	<.5
18600E 8075N	.3	17.8	5.9	46	<1	20.4	10.2	896	2.35	8.3	2.3	.6	1.2	78	.2	1.1	.1	65	.90	.034	9	21	.55	278	.070	.1	2.25	.026	.64	.1	.04	3.9	.1	.67	6	<.5
18600E 8050N	.5	20.9	5.4	49	<1	18.1	10.3	413	2.46	15.4	2.5	1.6	1.3	53	.1	1.7	.1	65	.78	.031	9	21	.50	299	.070	.1	1.83	.016	.66	.1	.04	3.0	.1	<.05	7	<.5
18600E 8025N	.5	19.2	4.9	95	<1	28.8	12.1	696	3.27	9.0	.4	<.5	1.0	35	.1	1.7	.1	79	.39	.213	4	27	.55	247	.071	.2	2.87	.010	.63	.1	.03	3.4	<.1	<.05	10	<.5
STANDARD 057	20.7	109.0	68.8	422	.5	55.7																														



SAMPLE#	Hg	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Br	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Kc	K	W	Hg	Sc	Tl	S	Ge	Se	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
B 1	.2	3.2	2.6	41	<.1	3.6	4.0	470	1.77	<.5	2.3	.6	3.7	62	<.1	<.1	.1	32	.50	.075	7	7	.56	170	.114	<.1	.92	.069	.44	.1	.01	1.9	.3	<.05	4	<.5	
L18600E 9000M	.6	14.5	5.4	53	.1	22.7	9.6	233	2.53	6.8	.6	<.5	1.0	39	.1	.9	1	62	.29	.149	4	21	.46	165	.364	<.1	2.71	.012	.07	<.1	.03	3.2	<.1	<.05	9	<.5	
L18600F 7975M	5	24.8	7.3	137	<.1	27.0	25.8	1137	4.55	21.5	1.5	<.5	3.2	63	1	1.4	.1	119	.02	.102	15	27	1.73	135	.030	0	2.35	.014	.11	.1	.01	10.7	<.1	<.05	12	<.5	
L18600E 7950M	1.6	19.8	6.8	69	.2	13.1	11.5	581	2.99	17.6	.6	<.5	.7	53	1	.5	.1	63	.36	.109	4	14	.49	151	.086	1	2.85	.015	.09	<.1	.04	3.9	1	<.05	10	<.5	
L18600E 7925M	9	23.9	7.2	61	<.1	9.4	12.0	494	3.24	5.1	.9	1.2	1.7	60	1	.3	.1	101	.30	.099	6	12	.41	128	.125	<.1	3.89	.023	.09	.1	.05	6.2	<.1	<.05	10	<.5	
L18600E 7900M	1.3	15.0	7.3	62	.2	11.6	8.5	387	2.81	5.8	.6	.7	1.2	26	1	.3	1	79	.19	.083	4	12	.30	92	.124	<.1	3.13	.019	.06	<.1	.04	2.8	1	<.05	11	<.5	
L18600E 7875M	1.1	19.2	6.8	63	.2	12.3	9.8	321	2.77	4.3	.8	.6	1.4	28	1	.3	1	79	.15	.093	5	13	.34	110	.125	<.1	3.80	.017	.05	<.1	.05	3.6	<.1	<.05	10	<.5	
L18600E 7850M	1.4	22.6	8.4	67	.2	13.8	11.1	635	3.22	7.8	1.0	.6	1.6	18	2	.4	.1	92	.10	.129	5	15	.36	102	.143	<.1	4.04	.018	.05	.1	.04	4.2	1	<.05	11	<.5	
L18600F 7825M	1.3	23.4	7.0	62	<.1	17.2	12.4	441	3.25	6.8	.8	.6	1.5	27	1	.4	.1	86	.18	.086	5	15	.45	149	.115	<.1	4.40	.015	.06	.1	.05	4.0	1	<.05	11	<.5	
L18600E 7800M	.6	22.5	7.2	61	<.1	8.8	11.8	362	3.46	4.5	1.1	.8	2.7	52	1	.4	1	109	.37	.072	4	11	.34	164	.159	<.1	4.97	.019	.07	<.1	.05	5.6	<.1	<.05	11	<.5	
L18600E 8400M	.4	18.4	4.3	51	<.1	25.6	12.4	354	2.56	10.4	.7	<.5	.9	80	1	.9	.1	71	.46	.035	6	25	.70	261	.080	1	1.77	.030	.12	<.1	.05	3.9	<.1	<.05	6	<.5	
L18600F 8375M	4	37.3	2.9	42	1	32.0	11.9	365	2.71	33.4	6.7	<.5	.5	137	1	1.5	.1	67	1.35	.076	12	32	.87	422	.071	4	1.62	.051	.05	.1	.06	4.3	1	<.05	4	<.5	
L18600E 8350M	4	13.0	3.6	60	<.1	11.7	8.9	304	2.03	3.3	.5	4.4	.2	45	1	4.8	.1	59	.31	.028	3	15	.39	113	.043	<.1	1.08	.010	.09	<.1	.02	2.0	<.1	<.05	7	<.5	
L18600E 8325M	4	17.4	4.1	83	<.1	21.0	11.5	546	2.56	6.5	.4	<.5	.9	47	1	2.2	.1	54	.40	.305	3	23	.65	227	.048	2	2.40	.012	.09	.1	.03	3.0	<.1	<.05	8	<.5	
L18600E 8300M	.7	15.1	4.2	65	.1	14.9	9.2	227	3.18	30.7	.7	.5	1.5	24	1	2.5	.1	73	.22	.165	6	17	.37	102	.030	<.1	2.36	.008	.05	.1	.05	4.0	<.1	<.05	8	<.5	
RE L18600E 8300M	7	15.0	4.1	62	.1	14.9	9.2	204	3.07	29.9	.7	<.5	1.6	23	<.1	2.5	1	70	.22	.164	6	16	.37	100	.028	1	2.47	.008	.05	.1	.05	3.6	<.1	<.05	8	<.5	
L18600E 8275M	2	35.4	21.4	62	<.1	14.0	13.6	387	3.14	46.0	2.7	.5	3.5	48	<.1	7.0	1	82	.98	.208	12	16	.91	244	.020	3	1.90	.008	.15	1	.04	6.3	1.2	<.05	8	<.5	
L18600E 8250M	5	34.8	3.1	78	<.1	16.2	10.1	398	3.56	38.6	1.1	<.5	3.4	29	<.1	4.1	.1	77	.47	.132	15	11	.39	123	.099	4	1.48	.006	.09	.1	.04	7.1	1	<.05	8	<.5	
L18600F 8225M	3	35.1	2.2	72	<.1	11.5	9.8	429	3.06	44.0	1.1	.5	5.2	24	1	1.7	.1	71	.40	.179	15	16	.39	132	.012	4	1.50	.007	.13	.1	.01	8.2	1	<.05	5	<.5	
L18600E 8200M	2	24.2	2.1	69	<.1	6.5	8.2	525	2.60	37.3	1.0	<.5	3.6	34	<.1	2.2	1	52	.49	.120	15	5	.28	111	.004	2	1.01	.005	.07	.1	.02	7.5	1	<.05	4	<.5	
L18600E 8175M	1	43.2	2.3	40	<.1	5.7	10.5	227	1.66	46.0	.6	.5	3.1	21	<.1	3.8	.1	28	.44	.129	47	3	.16	75	.092	2	.89	.005	.04	.1	.01	6.7	1	<.05	2	<.5	
L18600E 8150M	6	24.7	4.3	77	<.1	31.8	13.1	400	3.36	13.8	.2	<.5	1.1	40	.2	1.5	.1	88	.25	.063	3	27	.59	255	.068	1	2.68	.012	.07	<.1	.09	4.9	<.1	<.05	8	<.5	
L18600F 8125M	4	16.3	4.9	82	<.1	24.6	11.1	358	2.79	9.0	.6	<.5	1.1	53	1	1.1	.1	71	.36	.047	5	26	.53	167	.097	1	2.13	.017	.06	<.1	.02	3.2	<.1	<.05	7	<.5	
L18600E 8100M	5	18.2	4.6	55	<.1	23.5	12.5	700	2.49	14.2	1.8	<.5	.9	93	1	1.2	1	68	1.04	.051	9	23	.66	235	.054	1	2.00	.028	.05	.1	.03	4.3	<.1	<.05	6	<.5	
L18600E 8075M	1.1	30.1	4.6	38	.2	23.4	13.4	528	2.61	33.4	2.2	<.5	1.6	94	1	1.1	.1	105	.78	.066	13	25	.63	161	.074	2	1.96	.023	.05	1	.05	7.5	1	<.05	6	<.5	
L18600F 8050M	7	17.0	4.5	73	.1	21.2	10.6	431	2.77	9.9	.7	.9	.5	40	1	.7	.1	68	.45	.071	5	22	.52	219	.078	2	2.17	.016	.06	<.1	.05	2.8	<.1	<.05	9	<.5	
L18600E 8025M	8	18.2	5.6	73	.1	27.5	12.5	367	3.29	7.6	.5	<.5	.7	33	1	1.0	.1	75	.24	.141	4	26	.59	191	.080	2	2.96	.014	.10	<.1	.04	3.2	<.1	<.05	10	<.5	
L18600E 8000M	.5	10.0	2.4	51	<.1	16.8	6.7	238	1.65	5.4	.4	.6	1.4	16	<.1	.3	.1	49	20	.115	3	10	.44	64	.088	1	1.53	.015	.03	<.1	.02	2.3	1	<.05	6	<.5	
L18600E 7975M	.5	18.4	4.9	72	<.1	19.2	13.8	956	2.75	10.9	.7	<.5	1.4	72	1	.8	.1	91	.53	.055	5	24	.72	160	.135	1	2.16	.024	.07	<.1	.01	3.7	<.1	<.05	6	<.5	
L18600F 7950M	.5	28.5	4.4	71	<.1	30.1	15.9	544	3.14	13.5	.6	1.4	1.7	76	1	1.9	1	85	.61	.103	6	28	1.19	283	.124	3	2.53	.021	.09	1	.03	5.7	1	<.05	8	<.5	
L18600E 7925M	1.9	14.9	6.2	58	.2	9.0	8.1	345	2.77	6.3	.6	<.5	.7	47	1	.4	.1	87	.28	.113	3	11	.32	165	.115	2	3.32	.021	.07	<.1	.06	2.9	<.1	<.05	9	<.5	
L18600E 7900M	1.2	21.0	6.2	78	.2	19.3	11.9	233	3.33	8.4	.7	1.6	1.3	40	1	.7	.1	77	.29	.165	4	18	.48	117	.120	1	3.73	.012	.08	.1	.06	3.7	<.1	<.05	10	<.5	
L18600F 7875M	1.2	21.2	7.1	82	.1	17.9	11.5	345	3.28	5.9	7	<.5	1.4	20	1	.6	.1	86	.19	.212	4	19	.49	167	.104	1	3.57	.013	.08	.1	.04	4.2	<.1	<.05	10	<.5	
L18600E 7850M	1.2	20.7	8.9	68	.2	10.9	12.2	595	3.58	12.5	9	<.5	1.8	37	1	.2	1	112	.21	.095	4	12	.48	128	.213	2	4.40	.017	.07	<.1	.06	5.1	<.1	<.05	12	<.5	
L18600E 7825M	1.9	17.6	7.8	74	<.1	13.2	12.9	540	3.62	5.1	8	1.4	2.0	30	1	.3	.1	104	.17	.110	4	1															



SAMPLE #	Hg	Cu	Pb	Zn	Ag	Hf	Ca	Mn	Fe	As	U	Mu	Ti	Sr	Cd	Sb	Bi	V	Cr	P	La	Cr	Hq	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
16750E 7800W	2	3.7	2.9	44	<1	3.7	3.9	476	1.74	.7	1.7	<5	3.0	54	<1	<1	.1	31	.48	.069	7	6	50	165	107	2	.83	.068	.45	.1	<.01	1.7	.3	<.05	4	<.5
16750E 8400W	1.1	15.6	9.0	60	<1	13.3	9.9	540	2.87	4.4	.6	<5	1.4	18	1	.3	.2	86	.20	.068	3	13	.30	196	135	2	4.05	.015	.10	.1	.06	2.9	.1	<.05	11	<.5
16750E 8375W	.6	29.0	3.4	85	<1	16.9	15.5	275	3.59	29.3	1.0	1.3	3.9	36	<1	3.2	.1	74	.39	.085	7	18	.43	214	941	3	2.65	.008	.09	.1	.02	4.3	<.1	<.05	10	<.5
16750E 8375W	.7	19.9	4.8	54	<1	14.5	10.4	555	2.58	22.0	1.5	.6	1.6	60	<1	2.1	.1	60	.55	.054	8	15	.45	195	921	4	2.09	.009	.07	.1	.05	4.9	<.1	<.05	7	<.5
16750E 8375W	.4	14.5	5.7	50	<1	10.7	9.3	592	2.21	26.2	1.8	1.1	.7	75	1	3.5	.1	53	.83	.091	12	17	.42	235	910	3	1.40	.008	.06	.1	.07	4.0	.1	<.05	5	<.5
16750E 8325W	.4	15.7	3.9	75	.1	9.1	7.5	320	2.00	11.9	.9	1.9	.4	59	1	7.7	.1	45	.61	.089	4	11	.55	159	913	1	1.49	.008	.08	.1	.06	2.6	<.1	<.05	7	<.5
16750E 8300W	4	45.4	3.5	59	<1	28.3	12.8	306	3.11	19.0	1.6	3.0	1.3	75	<1	3.0	.1	81	.42	.107	9	32	.75	314	977	2	2.23	.023	.08	.1	.02	5.0	<.1	<.05	6	<.5
16750E 8275W	4	147.7	3.9	29	.2	19.0	7.1	182	1.41	26.0	29.5	1.5	.5	218	1	1.5	.1	62	1.89	.071	39	24	.34	453	927	4	1.33	.917	.05	.1	.10	6.3	.1	.19	4	1.0
16750E 8250W	.8	14.9	3.9	98	<1	15.6	12.2	610	3.13	18.1	.8	<5	2.0	36	1	2.0	.1	79	.41	.074	9	17	.40	159	930	2	1.78	.009	.04	.1	.03	4.1	<.1	<.05	9	<.5
16750E 8225W	.5	19.0	5.7	121	<1	17.9	9.1	435	2.36	5.2	.4	<5	1.5	16	<1	.4	.1	50	.15	.064	4	19	.31	126	101	<1	1.72	.914	.07	<.1	.04	2.2	.1	<.05	9	<.5
16750E 8200W	6	12.9	4.7	71	<1	25.2	9.3	222	2.46	5.5	.5	1.1	1.1	24	1	.6	.1	58	.18	.095	3	23	.37	138	975	1	2.34	.913	.08	.1	.05	2.3	<.1	<.05	8	<.5
RE 116750E 8200W	6	12.7	5.0	73	<1	23.6	9.4	226	2.52	5.5	.3	<5	.9	26	1	.7	.1	58	.18	.095	3	23	.37	134	976	1	2.39	.914	.08	<.1	.07	2.4	<.1	<.05	9	<.5
16750E 8175W	.6	12.4	6.2	103	<1	21.0	10.3	523	2.59	13.5	.6	<5	1.1	43	<1	1.0	.1	57	.34	.047	6	22	.55	138	968	2	2.17	.916	.05	.1	.02	3.4	<.1	<.05	8	<.5
16750E 8150W	.7	11.7	5.1	73	<1	14.8	7.5	225	3.22	22.4	.7	<5	1.6	33	1	4.0	.2	85	.29	.072	7	22	.32	153	939	2	1.58	.911	.04	.3	.03	4.0	<.1	<.05	5	<.5
16750E 8125W	6	13.2	4.8	92	<1	29.2	11.0	267	3.19	9.8	.4	1.3	1.1	32	<1	.9	.1	74	.25	.129	4	27	.52	151	966	1	2.69	.913	.08	.1	.05	2.2	<.1	<.05	9	<.5
16750E 8100W	.5	29.4	5.0	161	<1	24.4	10.4	477	2.76	9.5	.7	<5	.9	69	.2	1.2	.1	57	.62	.052	4	25	.60	235	974	1	2.11	.915	.08	.1	.02	3.2	<.1	<.05	8	<.5
16750E 8075W	.4	24.9	6.2	47	.1	27.4	11.3	467	2.52	59.8	7.2	3.4	2.5	72	1	.7	.1	75	.64	.043	10	29	.66	971	109	1	2.29	.936	.06	.1	.02	6.7	.1	<.05	7	.3
16750E 8050W	5	14.0	6.2	75	<1	14.3	8.4	1533	2.24	9.4	.5	<5	.8	45	1	.7	.1	58	.52	.049	3	18	.48	363	103	2	1.53	.912	.07	.1	.05	2.5	<.1	<.05	9	<.5
16750E 8025W	.7	16.6	6.0	72	<1	24.1	12.4	473	2.88	7.8	.4	<5	.9	36	1	1.0	.1	62	.38	.152	3	21	.67	187	974	1	2.31	.912	.08	.1	.03	3.0	<.1	<.05	10	<.5
16750E 8000W	1.0	15.7	5.2	64	<1	28.0	11.0	259	2.84	6.1	.5	<5	1.3	27	1	.7	.1	57	.21	.155	3	26	.47	150	988	<1	3.45	.914	.06	.1	.06	3.0	<.1	<.05	9	<.5
16750E 7975W	6	9.1	6.7	58	<1	11.5	6.2	372	2.11	2.6	.5	1.1	2.6	15	<1	.5	.1	56	.19	.085	2	13	.40	192	142	<1	1.58	.911	.07	<.1	.04	1.7	.1	<.05	10	<.5
16750E 7950W	5	13.1	4.7	63	<1	25.7	12.8	357	2.95	10.5	.4	.8	1.2	50	1	1.1	.1	80	.38	.145	4	26	.69	130	102	<1	2.72	.917	.05	<.1	.02	3.4	<.1	<.05	9	<.5
16750E 7925W	.4	21.3	6.0	51	.1	15.0	10.0	375	2.55	15.6	.6	.5	.7	57	1	.7	.1	96	.52	.071	6	20	.59	149	985	<1	2.19	.919	.06	<.1	.02	3.8	<.1	<.05	7	<.5
16750E 7900W	1.1	21.4	7.6	61	.1	14.3	10.3	405	3.19	4.5	.6	.7	1.4	34	1	.4	.2	87	.24	.109	3	16	.41	137	120	1	3.69	.914	.09	.1	.06	3.6	.1	<.05	11	<.5
16750E 7875W	.9	21.6	6.8	67	.1	12.0	11.1	476	3.32	4.7	.6	.6	1.6	44	1	.3	.1	101	.21	.101	3	15	.44	137	117	1	4.24	.915	.10	<.1	.04	4.8	<.1	<.05	12	<.5
16750E 7850W	1.0	23.1	6.9	65	<1	22.6	13.1	571	3.37	6.1	.7	<5	1.8	35	1	1.0	.1	91	.26	.072	5	23	.58	134	101	2	3.69	.911	.08	<.1	.06	4.3	.1	<.05	11	<.5
16750E 7825W	1.2	22.1	7.3	51	<1	11.7	11.9	306	3.44	4.9	.6	.5	1.6	34	1	.3	.1	94	.26	.078	4	13	.36	138	150	1	4.73	.923	.06	<.1	.07	3.6	<.1	<.05	12	<.5
16750E 7800W	.7	19.4	7.4	60	<1	13.4	10.2	368	2.90	4.5	.6	1.0	1.4	26	1	.4	.1	70	.17	.076	7	14	.37	85	133	<1	3.51	.920	.04	<.1	.06	4.1	<.1	<.05	11	<.5
16750E 8100W	6	19.2	4.4	55	.1	21.9	11.2	511	2.56	8.4	.9	.5	.6	76	2	.8	.1	66	.64	.039	5	22	.53	251	985	2	2.09	.915	.10	<.1	.07	2.9	<.1	.07	8	<.5
16750E 8375W	.4	17.5	4.8	78	<1	24.3	12.8	425	2.71	6.1	.4	1.1	.7	60	1	1.2	.1	53	.40	.155	3	24	.65	228	974	1	2.25	.913	.09	<.1	.06	2.8	<.1	<.05	8	<.5
16750E 8350W	.6	12.0	3.9	29	<1	6.9	5.7	125	2.96	20.5	.7	.9	1.0	40	<1	2.5	.1	51	.33	.019	5	10	.25	121	932	2	1.04	.906	.03	.1	.03	2.1	<.1	<.05	6	<.5
16750E 8325W	7	23.1	3.8	65	.1	18.4	10.0	424	2.74	13.9	.5	2.2	.9	37	<1	3.3	.1	73	.23	.055	4	25	.45	183	966	1	1.67	.913	.08	.1	.03	2.7	<.1	.06	8	<.5
16750E 8300W	.3	23.3	2.3	69	<1	18.7	11.4	460	2.81	15.6	.5	3.1	1.0	66	<1	7.6	.1	56	.53	.147	4	22	.68	221	915	<1	2.63	.911	.11	.1	.03	3.0	<.1	<.05	9	<.5
16750E 8275W	.4	19.7	8.3	75	<1	16.5	9.5	927	1.94	5.5	.4	1.2	.3	71	1	3.2	.1	46	.61	.085	3	16	.54	331	932	1	1.71	.908	.11	.1	.10	2.3	<.1	<.05	6	<.5
16750E 8250W	.5	24.4	4.0	80	<1	20.4	13.0	395	3.05	8.2	.4	.9	.8	66	1	1.0	.1	79	.41	.091	3	34	.70	230	990	2	2.26	.922	.09	<.1	.05	3.4	<.1	<.05	7	<.5
STANDARD DS7	20.4	107.6	68.																																	



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Hg	Co	Mn	Fe	As	J	Au	Th	Sr	Co	Sb	Bi	V	Ca	P	La	Er	Hg	Ba	Ti	B	Al	Na	K	H	Hg	Sr	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
5-1	.2	3.5	3.0	41	<1	3.9	4.0	471	1.79	<5	2.0	.9	4.3	62	<1	<1	.1	33	.50	.074	7	7	.56	177	.116	3	1.00	.073	.56	.1	.01	1.9	.3	<.05	5	<.5
L18750E 8225W	.4	20.3	3.5	55	<1	30.1	12.0	437	3.07	14.5	1.4	1.1	1.9	68	.1	1.0	.1	92	.41	.056	11	32	.73	332	.075	1	2.55	.025	.06	<1	.04	5.0	.1	<.05	6	.5
L18750E 8200W	.4	11.3	3.5	50	<1	10.6	12.0	471	2.82	36.6	1.2	3.6	4.3	31	<1	3.6	2	80	.47	.129	13	13	.41	115	.013	2	1.55	.066	.07	.1	.03	5.6	.1	<.05	5	<.5
L18750E 8175W	.5	18.5	4.4	108	<1	27.0	12.2	640	2.96	8.2	.4	1.6	1.2	39	<1	1.0	.1	77	.23	.062	5	26	.56	198	.074	2	2.68	.016	.04	<1	.04	3.2	<.1	<.05	2	<.5
L18750E 8150W	.5	14.9	5.5	32	<1	25.6	9.8	348	2.82	7.6	.4	<.5	1.2	32	.1	.9	.2	76	.21	.037	4	27	.45	140	.061	<1	2.50	.012	.06	1	.06	2.9	<.1	<.05	6	<.5
L18750E 8125W	.4	12.0	4.0	71	<1	14.6	10.2	368	2.68	24.0	.5	1.2	2.1	29	<1	1.5	.1	70	.43	.096	8	16	.45	132	.023	2	2.12	.008	.10	1	.03	4.6	<.1	<.05	7	<.5
L18750E 8100W	.5	9.3	5.7	38	<1	17.2	9.5	433	2.51	15.6	.4	.6	1.3	21	.1	.9	.2	58	.29	.131	6	18	.26	112	.045	2	2.12	.005	.08	<1	.04	2.7	<.1	<.05	8	<.5
L18750E 8075W	.5	17.3	5.0	83	<1	28.3	11.8	442	2.93	7.6	.5	<.5	1.5	31	.1	.7	.2	77	.22	.031	4	27	.52	175	.104	1	3.34	.014	.07	<1	.05	3.4	<.1	<.05	9	<.5
L18750E 8050W	.4	17.3	4.5	67	<1	20.2	10.5	415	2.56	8.0	1.3	.6	.7	59	.1	1.0	.1	75	.53	.039	7	25	.49	418	.092	2	1.71	.015	.07	.1	.02	2.6	<.1	<.05	6	<.5
L18750E 8025W	.4	17.1	5.0	39	<1	22.6	10.4	254	2.46	12.9	3.0	.6	.8	67	.1	.7	.1	70	.61	.037	11	23	.57	473	.065	<1	2.30	.018	.06	1	.07	3.8	<.1	<.05	8	<.5
L18750E 8000W	.7	19.9	5.2	60	<1	27.1	12.1	282	3.23	10.6	.5	<.5	1.6	28	.1	1.3	.1	84	.24	.103	4	29	.67	153	.055	1	3.17	.013	.06	1	.05	3.6	<.1	<.05	10	<.5
L18750E 7975W	.4	12.3	6.4	42	<1	11.9	4.7	192	1.91	2.8	3	<.5	.6	22	.1	.6	.1	58	.15	.043	3	19	.27	118	.105	<1	1.32	.012	.04	<1	.02	1.9	<.1	<.05	9	<.5
L18750E 7950W	.9	15.5	6.2	71	<1	18.2	6.4	305	2.86	6.9	.4	<.5	1.2	21	<.3	.9	.1	75	.21	.158	3	21	.55	99	.111	<1	2.61	.010	.05	1	.05	3.0	.1	<.05	12	<.5
L18750E 7925W	.4	20.1	6.0	63	<1	14.2	15.3	649	3.24	11.1	.9	<.5	1.8	179	.1	.6	.1	120	.89	.092	10	18	.88	137	.113	7	3.26	.045	.12	<1	.04	8.6	<.1	<.05	9	<.5
L18750E 7900W	.9	19.6	7.1	64	<1	15.9	11.9	444	3.10	7.3	.5	1.0	1.5	59	.1	.3	.1	97	.25	.126	4	19	.57	138	.132	<1	4.12	.015	.10	<1	.04	4.7	.1	<.05	12	<.5
L18750E 7875W	.5	23.9	6.1	68	<1	24.2	14.2	425	3.36	6.7	.6	<.5	1.5	45	.1	.7	.1	98	.27	.128	4	23	.72	235	.127	<1	3.96	.013	.07	<1	.05	3.9	<.1	<.05	11	<.5
L18750E 7850W	.5	27.0	6.6	61	<1	18.7	13.3	535	3.20	7.0	.8	<.5	2.8	85	.1	.8	.1	134	.45	.086	8	23	.68	164	.113	<1	3.71	.015	.06	1	.06	6.1	<.1	<.05	10	.5
L18750E 7825W	.9	22.5	7.9	60	<1	19.0	13.0	451	3.52	6.5	.7	.6	1.9	31	.2	.5	.1	135	.18	.092	4	21	.50	128	.165	<1	4.63	.014	.06	1	.06	4.1	<.1	<.05	12	<.5
L18750E 7800W	1.3	20.2	8.0	49	.1	0.5	7.7	391	2.02	4.7	.6	.8	1.4	25	.1	.3	.1	70	.23	.179	3	10	.29	96	.122	1	3.34	.017	.08	.1	.08	2.9	<.1	<.05	16	<.5
L18600E 8400W	.4	17.1	5.6	70	<1	26.2	12.0	307	3.25	1.4	.4	<.5	.9	157	.1	.1	.1	63	.35	.184	4	17	.86	143	.045	<1	3.36	.016	.10	<1	.06	4.0	<.1	<.05	10	<.5
L18600E 8375W	.5	24.1	5.4	61	<1	57.8	21.5	351	3.79	2.2	.6	<.5	1.9	69	.1	.2	.1	96	.33	.142	5	40	1.18	106	.204	<1	3.94	.026	.06	<1	.03	5.8	<.1	<.05	9	<.5
L18600E 8350W	.4	16.7	6.1	66	<1	36.9	13.7	343	2.85	2.6	.3	<.5	1.0	42	.1	.3	.1	60	.24	.106	3	28	.65	126	.123	<1	3.04	.017	.07	<1	.04	3.0	<.1	<.05	9	<.5
L18600E 8325W	.4	24.9	4.5	50	.2	31.9	13.3	648	2.02	13.4	2.7	1.0	1.3	117	.1	.8	.1	84	.95	.062	13	32	.77	285	.091	1	2.91	.031	.07	.1	.05	6.4	.1	<.05	6	<.5
L18600E 8300W	.6	36.5	5.2	53	.3	27.2	10.8	356	2.86	18.4	2.6	<.5	1.0	84	.1	.9	.1	81	.79	.061	13	28	.58	322	.079	1	2.35	.022	.06	.1	.05	4.5	.1	<.05	7	<.5
RE L18600E 8290W	.5	36.6	4.5	54	.2	27.3	10.8	339	2.86	18.0	2.5	.5	1.1	81	.2	.8	.1	81	.81	.064	12	27	.59	321	.053	1	2.47	.022	.06	1	.04	4.7	<.1	<.05	7	<.5
L18600E 8275W	.5	29.5	4.6	45	.1	22.1	13.0	713	2.59	26.0	3.5	.8	.9	69	.2	1.4	.1	32	.84	.074	18	20	.54	287	.039	2	1.90	.015	.09	.1	.04	5.4	<.1	<.05	6	<.5
L18600E 8250W	.3	21.2	4.1	48	<1	21.9	13.2	659	2.92	36.7	4.9	<.5	1.9	74	.1	1.7	.1	93	.79	.106	16	22	.72	292	.051	1	2.17	.018	.06	.1	.03	8.4	.1	<.05	7	<.5
L18600E 8225W	.4	23.5	4.9	54	<1	22.2	11.6	479	2.41	17.0	2.1	<.5	1.2	87	.1	1.4	.1	75	.81	.067	10	22	.64	293	.065	2	1.50	.020	.09	.1	.07	5.0	<.1	<.05	5	<.5
L18600E 8200W	.7	31.1	5.7	60	<1	17.9	11.0	303	2.43	12.5	2.1	<.5	.7	55	.1	1.0	.1	73	.49	.037	36	19	.40	134	.053	1	1.57	.014	.05	.1	.03	3.8	<.1	<.05	7	<.5
L18600E 8175W	.6	29.3	4.3	85	<1	23.9	14.4	849	3.10	26.7	1.5	<.5	1.0	73	.1	1.1	.1	90	.71	.096	7	23	.60	232	.047	<1	2.32	.015	.05	.1	.04	4.9	<.1	<.05	8	<.5
L18600E 8150W	.3	21.5	5.0	41	<1	20.4	12.0	444	2.58	26.1	4.3	<.5	2.5	91	.1	1.2	.1	84	1.05	.073	16	23	.62	370	.061	2	1.92	.024	.05	.1	.02	6.2	.1	<.05	6	<.5
L18600E 8125W	.4	20.1	5.1	35	.2	13.8	8.3	223	2.06	74.6	12.3	<.5	.4	104	.2	.6	.1	60	.65	.062	11	17	.33	270	.045	<1	1.83	.016	.03	<1	.02	2.6	<.1	.02	6	.8
L18600E 8100W	.4	13.4	4.2	79	<1	19.5	13.0	435	2.95	17.8	.5	<.5	2.0	27	<.1	1.1	.1	78	.23	.096	7	18	.51	145	.067	<1	2.26	.010	.02	<1	.03	4.4	<.1	<.05	10	<.5
L18600E 8075W	.5	15.3	5.1	87	<1	24.5	12.0	333	2.91	12.2	.5	<.5	1.6	23	.1	.9	.1	79	.21	.079	5	23	.52	149	.093	<1	2.55	.012	.08	.1	.05	3.3	<.1	<.05	10	<.5
L18600E 8050W	.7	14.1	5.8	86	<1	23.4	11.4	255	3.04	12.3	.4	<.5	1.3	15	.1	1.3	.2	78	.15	.132	5	23	.42	129	.064	1	2.46	.010	.05	1	.02	3.2	<.1	<.05	10	<.5
STAT A60 D57	22.9	102.6	70.0	499	1.0	35.8	9.6	621	2.39	45.7	4.8	63.9	4.2	68	6.1	5.8	4.5	83	.92	.079	12	167	1.09	365	.121	39	.94	.078	.43	3.7	.20	2.5	4.2	.19	5	3.7

Sample type: SOIL SSBD 60C. Samples beginning 'RE' are Retruns and 'RRF' are Reject Retruns



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Hg	Co	Ni	Fe	As	J	Au	In	Sr	Ce	Sb	Bi	V	Cr	P	Le	Cr	Mg	Ba	Ti	B	Al	Na	K	M	Pg	Se	U	S	Ca	Be
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
G 1	.1	1.9	2.8	44	<1	3.5	4.0	486	1.80	<5	1.9	1.2	3.3	63	<1	<1	.1	31	51	.079	8	6	56	177	.119	1	.38	.067	.47	.1	<.01	1.9	.4	<.05	5	<.5
L38800E 8025N	1.1	13.4	6.0	52	<1	17.2	8.2	178	3.05	8.0	.4	<.5	1.1	22	.1	.6	.1	70	17	.064	3	21	41	129	.107	<1	2.51	.011	.05	.1	.04	2.9	<.1	<.05	12	<.5
L38800E 8030N	8	19.4	4.7	53	<1	27.5	12.2	201	3.16	17.9	6	<.5	1.5	31	.1	.9	.1	76	10	.056	4	25	73	231	.083	<1	3.46	.013	.13	.1	.03	3.9	<.1	<.05	10	<.5
L38800E 7975N	.8	17.6	6.1	77	<1	25.0	12.1	373	3.14	8.8	.4	<.5	1.0	26	.1	1.1	.1	74	21	.128	4	27	64	141	.092	1	2.93	.015	.07	.1	.01	3.4	<.1	<.05	10	<.5
L38800E 7950N	.5	32.4	4.5	25	3	15.2	10.5	1062	2.27	36.4	2.0	<.5	.5	101	.2	.8	.1	91	1.50	.070	17	19	48	102	.044	2	2.27	.027	.04	.2	.07	6.8	<.1	<.05	7	<.5
L38800E 7925N	.5	32.7	7.1	41	2	11.5	12.5	365	3.30	32.4	1.6	<.5	1.1	106	.1	.3	.1	106	82	.064	12	15	70	185	.131	<1	4.16	.039	.06	.1	.05	9.5	<.1	<.05	11	<.5
L38800E 7900N	.7	20.7	8.8	58	.1	10.2	12.3	292	3.77	6.0	.9	.6	2.4	64	.1	.3	.1	105	32	.106	5	13	47	145	.194	<1	5.42	.023	.08	.1	.04	5.0	<.1	<.05	13	<.5
L38800E 7875N	.9	20.2	7.8	59	2	10.6	8.9	291	3.47	4.5	.5	1.1	1.5	45	.1	.2	.1	87	16	.128	4	13	39	128	.152	<1	4.33	.019	.08	.1	.04	4.2	<.1	<.05	12	<.5
L38800E 7850N	4	21.9	6.6	70	1	29.0	13.1	294	3.34	5.0	.5	<.5	1.4	64	.1	.7	.1	79	39	.175	6	31	63	190	.136	<1	4.77	.017	.09	<.1	.04	4.7	<.1	<.05	17	<.5
L38800E 7825N	.7	19.5	6.1	66	2	19.2	9.9	256	2.97	5.2	.6	1.8	1.4	36	.1	.6	.1	72	23	.144	4	23	45	120	.112	<1	3.50	.013	.07	<.1	.02	3.9	<.1	<.05	11	<.5
L38800E 7800N	.4	22.9	6.9	55	.1	13.3	9.3	767	2.44	7.0	8	<.5	1.3	77	.1	.5	.1	84	56	.047	17	20	52	95	.130	<1	2.74	.025	.04	<.1	.01	5.4	.1	<.05	8	<.5
L38800E 8400N	3	19.2	5.8	46	<1	52.6	18.2	120	3.24	7	6	2.9	1.4	65	.1	<.1	.1	61	40	.078	5	35	1.22	99	.235	<1	3.80	.044	.04	<.1	.07	5.3	<.1	<.05	9	<.5
L38850E 8375N	.3	16.2	6.2	53	<1	50.3	16.8	434	3.26	6	.6	1.0	1.4	48	<.1	<.1	.1	62	34	.126	3	34	94	67	.243	1	3.65	.044	.04	<.1	.02	4.4	<.1	<.05	9	<.5
L38850E 8360N	.3	15.2	6.1	39	<1	51.0	18.0	234	3.16	.9	.8	.5	1.3	52	<.1	<.1	.1	70	31	.094	3	34	1.05	94	.235	<1	3.58	.040	.05	<.1	.01	3.8	<.1	<.05	9	<.5
L38850E 8325N	.4	19.6	6.9	55	<1	49.8	17.0	362	3.30	1.3	7	<.5	1.4	71	.1	.1	.1	62	33	.097	5	34	1.15	148	.202	<1	4.45	.050	.06	<.1	.01	5.1	<.1	<.05	11	<.5
L38850E 8300N	.5	14.8	6.7	57	<1	36.3	14.3	297	2.81	1.1	.3	<.5	.8	52	.1	.1	.1	52	31	.104	3	34	62	98	.112	1	3.35	.036	.05	<.1	.02	2.9	<.1	<.05	10	<.5
L38850E 8275N	.6	10.5	9.8	45	<1	17.6	8.1	489	1.64	1.5	.2	<.5	.3	58	.3	.1	.1	33	57	.111	3	17	43	193	.065	1	2.04	.022	.06	.1	.14	1.8	<.1	<.05	6	<.5
L38850E 8250N	4	18.3	5.7	55	<1	39.4	14.2	253	3.23	3.8	.4	<.5	.9	59	.1	.3	.1	69	29	.157	3	34	86	111	.142	1	3.10	.027	.07	<.1	.02	3.3	<.1	<.05	9	<.5
L38850E 8225N	3	50.5	6.0	45	3	29.6	9.5	624	2.42	10.0	5.3	<.5	1.1	71	.3	.7	.1	60	54	.077	20	22	40	373	.090	4	2.43	.023	.10	.1	.06	4.5	.1	<.05	7	<.5
L38850E 8200N	.4	25.7	4.2	61	<1	31.2	14.8	469	3.29	11.4	1.5	1.4	1.5	86	.1	.9	.1	82	69	.075	11	31	84	346	.107	2	2.63	.025	.15	.1	.04	6.3	<.1	<.05	8	<.5
L38850E 8175N	.6	16.1	4.7	89	<1	20.2	12.8	1161	3.03	10.6	.6	<.5	1.4	50	.1	1.3	.1	73	44	.126	5	21	52	259	.067	1	2.25	.013	.09	<.1	.02	3.4	<.1	<.05	10	<.5
L38850E 8150N	.5	16.9	4.2	71	<1	17.6	11.2	415	3.66	24.1	.6	<.5	1.5	28	<.1	2.9	.1	86	35	.152	6	19	39	130	.078	3	2.11	.009	.08	.1	.03	5.4	<.1	<.05	9	<.5
L38850E 8125N	.5	23.6	2.4	66	<1	17.5	11.3	258	3.68	34.6	.8	4.0	2.8	77	<.1	2.5	.1	77	40	.172	6	15	58	136	.007	2	2.56	.006	.10	.1	.02	7.3	<.1	<.05	16	<.5
L38850E 8100N	.5	11.9	6.1	69	<1	17.7	8.2	252	2.37	4.9	.3	1.3	.9	26	.1	.8	.1	58	18	.097	4	22	33	88	.098	<1	1.87	.014	.06	<.1	.01	2.2	<.1	<.05	9	<.5
L38850E 8075N	.7	14.2	6.4	107	<1	11.5	10.4	510	3.56	27.9	.6	<.5	1.3	22	.1	2.1	.1	81	26	.232	7	15	25	122	.027	2	1.70	.009	.04	<.1	.02	2.7	<.1	<.05	16	<.5
L38850E 8050N	.8	17.0	7.5	95	<1	12.0	11.9	489	4.00	56.3	.9	<.5	2.2	20	.1	4.0	.1	123	41	.101	11	15	22	177	.008	4	1.24	.005	.03	.1	.02	4.7	<.1	<.05	8	<.5
L38850E 8025N	4	26.8	4.9	75	<1	14.2	11.1	482	3.73	24.9	.6	.7	1.2	16	<.1	4.5	.1	73	26	.089	3	15	76	74	.007	5	1.69	.005	.05	.1	.01	3.0	<.1	<.05	10	<.5
L38850E 8000N	.9	18.6	4.9	72	<1	31.3	14.4	339	3.32	10.3	4	<.5	1.3	30	<.1	1.3	.1	80	27	.131	4	20	75	128	.004	2	3.08	.013	.08	.1	.01	2.6	<.1	<.05	10	<.5
L38850E 7975N	1.0	15.7	5.2	57	<1	23.1	11.2	278	3.08	9.4	.7	<.5	2.7	24	<.1	1.4	.1	74	25	.064	4	24	63	137	.081	1	2.35	.011	.06	<.1	.03	3.5	<.1	<.05	10	<.5
RE L38850E 7975N	1.1	14.9	5.4	53	<1	23.1	11.6	285	3.06	9.5	.5	<.5	1.6	24	<.1	1.5	.1	77	25	.062	4	24	61	139	.082	1	2.35	.010	.06	.1	.03	3.5	<.1	<.05	10	<.5
L38850E 7950N	.7	12.0	5.6	58	.1	12.7	10.6	437	2.91	6.4	.5	.7	2.1	18	.1	.6	.1	59	23	.161	3	15	81	80	.162	1	3.14	.011	.06	.1	.05	3.6	.1	<.05	14	<.5
L38850E 7925N	.6	16.3	6.2	55	2	12.6	10.0	362	2.63	16.3	.6	4.8	.7	139	.1	.6	.1	83	51	.097	4	15	53	155	.057	1	3.03	.016	.09	.1	.04	3.7	<.1	<.05	10	<.5
L38850E 7900N	.9	20.0	6.9	64	1	10.4	11.5	326	3.40	6.1	.6	<.5	1.4	70	.1	.3	.1	98	21	.136	3	17	51	151	.145	<1	4.38	.015	.09	.1	.02	4.7	<.1	<.05	14	<.5
L38850E 7875N	.3	32.2	8.2	79	<1	12.0	14.1	1196	3.31	8.9	.7	<.5	1.6	121	.1	.4	.1	107	88	.156	7	16	66	172	.143	3	3.78	.070	.27	<.1	.02	6.8	<.1	<.05	10	<.5
L38850E 7850N	.3	31.2	7.4	57	<1	9.4	15.6	894	3.51	7.0	.7	1.5	2.2	243	.1	.4	.1	123	1.04	.063	8	14	76	150	.156	<1	3.13	.076	.10	<.1	.01	8.9	<.1	<.05	8	<.5
STANDARD DS7																																				



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sh	Bi	V	Ca	P	La	Cr	Kg	Ba	Ti	B	Al	Na	K	W	hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
G-1	.1	2.0	2.9	45	<.1	4.4	4.2	479	1.93	<.5	1.8	1.3	3.4	63	<.1	<.1	.1	33	.48	.077	6	6	.61	172	.113	2	.98	.083	46	.1	<.61	1.8	.3	<.05	5	<.5
L18900E 7825N	2	29.3	6.3	57	<.1	6.0	13.8	726	3.71	5.2	.8	1.4	3.3	183	<.1	.3	.1	110	.03	.040	7	10	.77	167	.127	1	3.31	.095	.12	<.1	.61	11.8	.1	<.05	7	<.5
L18950E 7800N	.5	14.2	5.8	68	<.1	17.3	16.1	290	2.77	5.6	.4	.3	1.0	72	.1	.6	.1	79	.38	.141	4	19	.52	154	.105	1	2.85	.017	.08	<.1	.03	3.7	<.1	<.05	10	<.5
RE L18950E 7800N	.4	14.6	6.0	70	.1	17.8	16.2	299	2.85	5.5	.5	1.9	1.0	74	.1	.6	.1	78	.39	.152	3	20	.57	157	.102	1	3.33	.019	.08	<.1	.02	3.8	<.1	<.05	9	<.5
L18900E 8100N	.4	17.8	5.1	53	<.1	58.9	19.8	380	3.21	.9	.6	1.9	1.6	67	.1	<.1	.1	62	.46	.106	5	37	.29	86	.204	<.1	3.52	.040	.07	<.1	.03	5.9	<.1	<.05	8	<.5
L18900E 8375N	.4	16.2	4.9	48	<.1	63.1	21.7	426	3.50	.8	.5	1.5	1.4	73	.1	<.1	<.1	70	.47	.091	6	40	.61	62	.214	1	3.73	.055	.05	<.1	.02	6.5	<.1	<.05	8	<.5
L18900E 8350N	.3	14.1	6.0	46	<.1	29.0	12.5	346	2.63	1.4	.5	.3	.9	84	.1	.2	.1	61	.47	.037	4	31	.79	164	.136	2	2.25	.033	.06	<.1	.05	2.9	<.1	<.05	6	<.5
L18900E 8325N	9	19.2	5.8	53	<.1	25.1	10.0	275	2.62	2.5	.4	.3	1.4	19	.2	.1	.1	56	.16	.173	5	24	.42	73	.116	1	3.74	.022	.04	.1	.67	2.8	<.1	<.05	10	<.5
L18900E 8300N	.6	12.5	5.0	44	<.1	24.9	10.6	237	2.70	1.2	.4	1.5	1.2	26	<.1	.1	.1	65	.17	.076	3	29	.54	55	.107	1	3.19	.037	.04	<.1	.04	2.8	<.1	<.05	8	<.5
L18900E 8275N	.8	15.1	5.8	59	<.1	29.9	12.5	282	2.83	1.8	.4	.9	1.4	19	.1	.2	.1	56	.13	.098	4	24	.63	71	.119	1	3.40	.023	.04	.1	.02	3.0	<.1	<.05	9	<.5
L18900E 8250N	8	10.2	5.0	39	.1	15.5	7.3	166	2.25	1.2	.3	.9	.9	20	<.1	.1	.1	57	.13	.054	3	22	.40	46	.090	1	2.89	.036	.03	<.1	.03	2.4	<.1	<.05	7	<.5
L18900E 8225N	.7	17.9	5.3	59	<.1	34.9	14.4	269	3.35	2.9	.4	.5	1.2	61	.1	.3	.1	79	.29	.111	3	37	.69	133	.107	1	3.38	.018	.08	.1	.04	3.4	<.1	<.05	9	<.5
L18900E 8200N	.6	18.7	3.5	59	.1	34.2	14.9	296	2.81	2.5	.3	.5	.8	99	.2	.1	.1	54	.68	.159	3	36	.02	158	.062	3	3.86	.027	.11	.1	.07	3.4	<.1	<.05	8	<.5
L18900E 8175N	.3	22.8	2.9	56	<.1	27.4	15.1	519	3.50	8.0	.7	2.5	1.3	111	.1	1.0	<.1	52	1.10	.169	9	29	1.10	251	.116	1	2.99	.031	.17	<.1	.02	6.7	.1	<.05	7	<.5
L18900E 8150N	.6	21.9	4.5	69	<.1	36.4	15.1	364	3.72	7.9	.5	1.7	1.6	65	.1	.9	.1	84	.31	.062	5	35	.81	279	.104	2	3.42	.021	.09	<.1	.01	4.6	<.1	<.05	9	<.5
L18900E 8125N	.5	19.5	5.1	102	<.1	41.6	14.9	406	3.49	5.6	.5	4.3	1.2	41	.1	.8	.1	82	.21	.079	4	32	.69	172	.113	<.1	3.22	.019	.06	<.1	.03	3.5	<.1	<.05	10	<.5
L18900E 8100N	4	10.0	6.3	54	<.1	27.9	10.2	371	2.41	5.1	1.6	.5	1.4	92	<.1	.4	.1	65	.51	.031	18	24	.50	392	.095	1	2.54	.023	.05	<.1	.01	4.8	<.1	<.05	7	<.5
L18900E 8075N	4	14.4	5.6	61	<.1	23.4	11.0	407	2.52	9.2	1.6	1.0	1.3	116	.1	.8	.1	71	.61	.028	8	27	.53	405	.112	4	2.73	.034	.05	<.1	.02	4.3	<.1	<.05	6	<.5
L18900E 8050N	.7	50.9	5.9	43	.3	43.9	18.1	1886	4.04	35.1	9.8	1.2	2.1	131	.4	1.3	.1	112	1.38	.065	83	29	.79	476	.030	1	2.80	.020	.05	<.1	.08	14.9	.1	<.05	8	.6
L18900E 8025N	.5	16.0	5.2	75	<.1	19.3	11.1	200	3.03	13.0	.6	<.5	1.1	38	.1	1.6	.1	81	.32	.097	4	25	.52	202	.074	2	1.98	.019	.06	.1	.02	3.4	<.1	<.05	8	<.5
L18900E 8000N	.6	9.0	5.9	57	<.1	14.1	9.7	358	2.65	37.1	.5	.6	.8	52	.1	1.7	.1	65	.28	.050	3	17	.53	245	.034	1	1.77	.013	.05	.1	.03	2.5	<.1	<.05	9	<.5
L18900E 7975N	4	6.3	5.6	49	<.1	9.2	6.2	227	2.05	4.4	.4	1.4	1.0	24	.1	.7	.1	49	.25	.114	2	11	.50	176	.115	2	1.04	.011	.07	.1	.03	2.2	<.1	<.05	11	<.5
L18900E 7950N	8	30.8	4.4	64	<.1	45.8	18.6	255	3.81	10.1	.6	1.7	1.8	30	<.1	.9	.1	67	.21	.116	4	35	1.05	300	.111	3	4.61	.013	.11	.1	.04	4.9	.1	<.05	11	<.5
L18900E 7925N	8	13.4	5.8	64	<.1	19.9	9.7	213	2.23	6.3	.4	1.2	1.1	27	.1	.8	.1	79	.23	.099	3	21	.49	146	.112	1	2.38	.012	.06	<.1	.03	2.5	<.1	<.05	10	<.5
L18900E 7900N	.5	13.0	6.0	64	<.1	17.0	9.5	281	2.63	7.3	.4	1.0	.9	50	.1	.5	.1	63	.28	.203	3	23	.40	149	.097	1	2.66	.014	.03	.1	.04	2.7	<.1	<.05	10	<.5
L18900E 7875N	3	17.8	5.6	74	<.1	9.5	15.7	939	3.34	9.5	.9	.9	1.2	347	.2	1.1	.1	123	1.11	.068	4	16	.98	150	.050	2	2.88	.031	.13	<.1	.02	8.0	.1	<.05	8	<.5
L18900E 7850N	4	16.9	5.5	64	<.1	10.3	10.7	797	3.19	12.1	.8	<.5	.9	190	.1	.5	.1	79	1.01	.075	6	15	.90	422	.032	1	2.82	.018	.09	<.1	.02	5.7	.1	<.05	8	<.5
L18900E 7825N	1.7	27.9	7.4	73	<.1	12.7	15.0	512	4.99	122.2	1.4	1.2	2.6	83	.2	.5	.1	135	.27	.145	7	12	.87	86	.153	2	6.52	.025	.04	.1	.07	8.4	<.1	<.05	17	<.5
L18900E 7800N	9	27.9	5.5	67	<.1	24.8	14.8	395	3.61	42.0	.8	1.5	1.3	122	.1	.8	.1	94	.23	.077	7	25	.80	206	.106	1	4.85	.015	.09	<.1	.04	6.5	.1	<.05	11	<.5
L19100E 7775N	1.0	17.2	4.8	60	<.1	9.1	9.0	254	3.05	65.3	.7	.7	.7	188	.1	1.0	.1	81	1.09	.075	5	13	.62	112	.017	1	2.20	.014	.07	.1	.10	5.0	.1	<.05	8	.6
L19100E 7750N	7	21.7	5.7	45	.2	8.3	9.0	496	2.89	99.9	1.9	1.7	.3	333	.1	1.6	.1	85	1.36	.064	15	12	.59	163	.024	<.1	2.60	.033	.05	.1	.06	6.9	.1	<.05	8	.6
L19100E 7725N	2.3	22.4	4.9	67	.1	15.8	9.5	254	2.65	32.8	1.6	3.4	.3	63	.1	2.7	.1	57	.67	.063	10	15	.57	107	.013	<.1	1.93	.015	.04	.1	.03	2.5	<.1	<.05	9	<.5
L19100E 7700N	6	28.1	3.4	111	<.1	22.7	23.2	954	4.85	55.2	1.3	1.6	2.0	62	.1	5.8	.1	119	1.00	.238	8	25	1.15	132	.025	2	2.54	.008	.13	.5	.05	8.0	.1	<.05	11	<.5
L19100E 7675N	.6	16.7	5.5	65	.1	17.8	12.0	821	2.92	41.2	.6	<.5	.7	114	.1	.9	.1	82	.64	.033	7	24	.65	116	.078	<.1	2.03	.023	.04	.1	.02	4.2	<.1	<.05	8	<.5
L19100E 7650N	1.1	19.2	5.8	59	.1	17.2	10.7	352	3.16	44.7	.6	1.0	1.2	109	.2	.6	.1	73	.31	.154	4	23	.52	145	.070	1	3.58	.013	.07	.1	.06	4.0	.1	<.05	10	<.5
STANDARD US/	20	5	114.5	70.6	415																															



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Li	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	R	Al	Me	K	W	Hg	Se	Tl	S	Ga	Ge
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
Q-1	.1	2.0	2.7	41	<1	3.7	3.8	466	1.73	<5	2.5	<5	3.4	56	<1	<1	.1	32	.49	.073	7	7	.55	160	.115	2	.99	.073	43	1	<.01	1.7	3	<.05	4	<.5
19100E 7525M	1.6	19.5	6.4	53	<1	20.5	12.3	262	3.37	23.7	8	<5	2.0	35	1	6	2	81	13	.071	5	22	54	120	.116	2	4.27	.016	.07	<.1	.06	4.8	.1	<.05	11	<.5
19100E 7500M	9	22.6	6.6	57	<1	21.5	13.7	243	3.59	35.1	.7	.9	1.9	75	.1	.5	.1	92	.18	.053	6	22	71	165	.124	2	4.24	.017	.06	<.1	.03	5.5	.1	<.05	11	<.5
19100E 7575M	1.0	25.1	7.6	67	<1	18.7	13.5	446	3.87	37.0	.9	<.5	2.2	49	.1	.5	.1	102	.11	.078	5	20	51	147	.142	2	4.97	.019	.04	<.1	.09	5.1	.1	<.05	12	<.5
19100E 7550M	.8	19.0	8.2	69	<1	12.0	7.0	479	2.74	26.7	.5	<.5	1.2	23	.1	.4	.1	61	.11	.127	3	17	30	118	.129	2	2.86	.018	.05	<.1	.05	2.9	1	<.05	10	<.5
19100E 7525M	4	17.0	6.8	71	<1	17.3	9.2	320	2.13	15.7	.6	.7	1.0	65	.1	.6	.1	60	.36	.038	5	20	58	229	.077	2	2.35	.018	.05	<.1	.02	3.2	.1	<.05	8	<.5
RE 19100E 7525M	.5	17.2	6.8	71	<1	18.0	10.0	324	2.23	15.2	.5	2.0	1.0	67	.1	.6	.1	60	.35	.036	5	20	56	228	.078	1	2.27	.016	.05	<.1	.02	3.2	.1	<.05	7	<.5
19100E 7500M	4	13.1	4.6	59	<1	13.7	9.3	327	2.13	19.0	.5	<.5	1.6	61	1	4	1	58	.37	.045	4	16	60	201	.058	2	1.95	.011	.05	<.1	.01	2.8	.1	<.05	8	<.5
19100E 7475M	.7	13.9	5.6	75	.1	12.6	6.9	298	2.17	8.7	.4	<.5	.7	43	<.1	.7	.1	55	.30	.075	3	15	53	163	.034	<.1	2.29	.099	.07	<.1	.10	2.9	.1	<.05	9	<.5
19100E 7450M	.6	11.3	4.0	67	.1	11.4	7.5	254	2.03	5.4	.4	<.5	1.1	21	.1	.3	.1	52	.14	.122	3	15	43	127	.053	1	2.34	.010	.05	<.1	.02	2.7	.1	<.05	8	<.5
19100E 7425M	5	13.3	4.6	77	<1	12.8	9.1	574	2.51	5.6	.5	<.5	1.3	17	1	2.1	.1	64	.16	.192	3	16	62	155	.076	2	2.83	.010	.05	<.1	.03	3.3	<.1	<.05	10	<.5
19100E 7400M	.8	13.5	5.4	57	.1	22.1	11.3	280	3.11	11.9	.6	.5	1.5	28	.1	.6	.1	82	.43	.070	4	25	59	172	.103	1	3.51	.014	.05	<.1	.05	3.9	.1	<.05	10	<.5
19150E 7775M	.5	19.4	4.9	65	.1	32.6	13.2	278	3.25	4.2	.5	<.5	1.2	46	.1	.3	.1	78	.24	.130	4	34	58	167	.111	1	3.29	.021	.05	<.1	.04	3.8	.1	<.05	10	<.5
19150E 7750M	.5	19.4	6.6	71	<1	27.5	11.5	308	3.27	4.1	.4	<.5	.9	39	.1	.7	.1	73	.20	.116	4	33	63	155	.106	2	2.88	.016	.05	<.1	.05	3.5	<.1	<.05	10	<.5
19150E 7725M	7	19.9	4.7	49	1	33.2	13.1	257	3.13	5.3	.5	.8	1.1	41	.1	.4	.1	75	.17	.067	5	34	74	155	.106	2	3.39	.020	.07	<.1	.04	4.0	<.1	<.05	9	<.5
19150E 7700M	.2	59.9	1.7	59	<1	10.6	9.5	389	2.22	11.5	1.1	<.5	1.8	50	<.1	1.1	.1	62	.76	.112	6	12	79	114	.026	1	2.17	.014	.21	.1	.03	3.5	.1	<.05	8	<.5
19150E 7675M	.6	14.1	5.9	73	<1	11.6	6.7	476	2.58	40.3	.4	.5	.9	33	1	1.2	.1	77	.17	.117	2	16	40	113	.002	<.1	1.85	.011	.05	.1	.04	2.7	.1	<.05	10	<.5
19150E 7550M	8	23.5	5.7	69	2	12.3	8.2	309	3.16	23.5	4	3	8	27	2	8	1	70	.17	.126	3	17	43	103	.096	1	2.59	.012	.05	<.1	.04	3.8	.1	<.05	10	<.5
19150E 7625M	1.3	17.6	6.9	51	.1	16.7	9.0	209	2.91	25.6	.5	<.5	1.2	53	.2	.4	.1	79	.21	.105	4	19	45	129	.090	1	2.82	.012	.07	<.1	.05	3.3	<.1	<.05	9	<.5
19150E 7600M	1.3	14.7	8.7	37	<1	8.7	6.5	207	2.55	39.2	.6	1.3	1.4	42	.1	.3	.1	70	.13	.055	4	10	30	97	.135	1	3.19	.019	.04	<.1	.04	3.2	<.1	<.05	10	<.5
19150E 7575M	1.2	21.5	6.9	48	<1	17.3	10.1	268	3.11	37.7	.8	2.7	2.0	36	.1	.4	.1	87	.09	.070	3	13	38	128	.154	1	3.95	.018	.04	<.1	.07	4.4	.1	<.05	11	<.5
19150E 7550M	1.1	13.8	7.0	51	<1	16.2	10.4	333	2.99	24.1	7	1.7	1.9	42	1	.5	.1	78	.16	.098	3	16	45	135	.120	1	3.88	.013	.05	<.1	.06	3.8	.1	.07	10	<.5
19150E 7525M	1.4	23.5	6.1	68	.1	23.3	14.5	570	3.54	40.9	.6	.5	1.4	73	.2	.7	.1	95	.23	.096	5	21	66	185	.115	1	4.15	.013	.11	<.1	.07	4.9	.1	<.05	11	<.5
19150E 7500M	3.4	14.8	7.3	85	<1	19.9	10.0	331	3.37	75.0	.5	2.0	1.0	27	.2	1.5	.1	88	.13	.109	3	18	45	157	.107	1	3.08	.011	.05	<.1	.07	3.1	.2	<.05	11	<.5
19150E 7475M	.5	24.5	6.2	44	<1	22.3	12.4	657	2.44	31.0	3.1	1.2	2.0	76	<.1	.8	.1	77	.56	.047	15	22	69	499	.091	<.1	2.32	.020	.05	<.1	.02	5.6	.1	<.05	8	<.5
19150E 7450M	.4	13.8	4.0	59	.1	12.5	10.4	420	2.31	41.0	1.0	1.2	.7	52	.1	1.0	.1	65	.34	.025	3	15	58	368	.076	2	1.38	.012	.05	<.1	.01	3.9	<.1	<.05	8	<.5
19150E 7425M	.6	12.2	4.6	35	.2	8.7	5.7	175	1.94	41.1	1.1	<.5	.2	31	<.1	.5	.1	48	.21	.052	4	13	35	222	.079	1	1.28	.012	.05	<.1	.02	1.5	.1	.07	8	<.5
19150E 7400M	.7	15.3	5.6	59	<1	15.2	7.6	235	2.57	8.5	.5	<.5	1.0	22	.1	.5	.1	61	.14	.147	3	20	41	135	.093	1	2.19	.009	.06	<.1	.05	2.4	<.1	<.05	9	<.5
19200E 7775M	5	9.0	6.6	45	.1	7.8	3.9	180	1.40	1.5	.4	1.0	.5	34	.1	.3	.1	38	.47	.083	2	13	25	105	.106	2	.77	.010	.09	<.1	.05	1.4	<.1	<.05	6	<.5
19200E 7750M	.2	8.6	4.2	32	<.1	5.3	3.6	125	1.14	1.2	.3	<.5	.9	19	<.1	.7	.1	35	.18	.029	2	9	24	99	.091	1	.83	.012	.04	.1	.02	1.7	<.1	<.05	6	<.5
19200E 7725M	.6	14.6	3.7	64	<.1	16.1	10.6	240	2.68	4.5	.6	<.5	1.4	27	<.1	1.4	1	65	.24	.113	3	18	54	124	.076	2	2.64	.010	.07	.1	.03	3.6	<.1	<.05	10	<.5
19200E 7700M	.7	17.2	4.9	67	<.1	27.3	11.3	450	2.87	4.1	.4	.8	.9	41	.1	.4	.1	65	.25	.105	3	29	57	152	.103	<.1	2.62	.013	.07	<.1	.03	2.8	<.1	<.05	9	<.5
19200E 7675M	.5	19.6	4.1	57	<.1	28.6	13.2	362	3.11	10.5	.4	.8	.8	87	.1	.4	.1	83	.54	.093	4	34	79	138	.103	<.1	2.65	.018	.10	<.1	.02	3.0	<.1	<.05	8	<.5
19200E 7650M	1.1	17.1	4.6	59	.1	8.4	6.6	291	2.75	42.0	.3	1.7	.7	104	<.1	.8	.1	77	.22	.109	2	14	40	131	.041	<.1	1.63	.009	.05	<.1	.03	3.3	.1	<.05	9	<.5
19200E 7625M	1.0	15.1	4.6	57	<.1	9.2	6.0	245	3.03	92.9	.4	.8	.7	12	<.1	1.1	1	81	.19	.053	2	15	50	30	.116	1	1.74	.013	.04	<.1	.03	4.2	.1	<.05	11	<.5
STANDARD US7	20.7	107.2	69.0	415	.9	55.7	9.6	626	2.37	47.0	4.6	54.3	4.2	69	6.2	5.7	4.4	84	92	.078	12	165	1.02	364	.119	39	.94	.077	.45	3.8	.19	2.5	4.1	.17	5	3.7

Sample type: SOIL SS80-60C. Samples beginning 'RE' are Returns and 'RRE' are Reject Returns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Hg ppm	Ri ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
D-1	.2	1.9	2.7	45	<.1	3.8	4.2	489	1.86	<.5	1.9	2.4	3.3	60	<.1	<.1	.1	33	.48	.076	7	6	.58	190	.119	2	.95	.080	.47	.1	<.01	1.8	.3	<.05	4	<.5
L19200E 7600N	1.0	14.1	6.0	54	<.1	18.8	9.1	177	2.78	25.5	.4	1.2	1.0	35	.1	.5	.1	62	.15	.120	3	22	.40	115	.076	2	3.02	.014	.05	<.1	.03	2.8	<.1	<.05	9	<.5
L19200E 7575N	1.2	23.5	6.8	68	<.1	13.0	14.8	656	3.90	26.7	.8	<.5	1.8	166	.1	.5	.1	107	.50	.182	7	14	.77	151	.158	2	4.52	.030	.11	.1	.05	6.4	<.1	<.05	12	<.5
L19200E 7550N	1.2	17.2	6.3	60	<.1	14.1	10.3	351	3.13	33.1	.6	1.3	1.2	71	.1	.4	.1	81	.29	.100	4	14	.47	155	.113	1	3.80	.016	.06	.1	.03	3.5	<.1	<.05	10	<.5
L19200E 7525N	.9	29.2	7.8	68	<.1	11.5	17.0	785	4.48	68.1	1.0	.6	3.2	197	.2	.7	.1	136	.71	.073	9	14	.72	193	.204	<.1	5.51	.050	.07	.1	.03	9.8	.1	<.05	13	<.5
L19200E 7300N	2.6	17.2	6.9	82	<.1	18.9	12.9	655	3.32	81.1	.5	2.0	1.0	97	.1	1.5	.1	87	.58	.125	4	19	.56	208	.081	<.1	3.26	.013	.12	<.1	.02	3.6	.1	<.05	11	<.5
L19200E 7475N	3.9	14.9	4.9	64	<.1	15.7	10.8	417	2.90	139.5	.4	5.5	.8	76	.1	3.3	.1	81	.33	.090	3	18	.60	162	.046	<.1	2.55	.010	.11	<.1	.04	5.3	.2	<.05	9	<.5
L19200E 7450N	7.4	10.5	5.5	68	<.1	11.0	7.0	315	2.53	151.4	.4	3.6	.3	38	.1	3.0	.1	60	.34	.069	3	13	.46	134	.028	<.1	1.97	.010	.08	<.1	.03	2.0	.2	<.05	9	<.5
L19200E 7425N	.6	16.8	5.4	70	<.1	17.7	15.5	780	3.06	60.5	2.7	1.6	.7	130	.1	1.5	.1	87	.81	.065	9	18	.88	414	.050	1	2.23	.024	.09	<.1	.06	4.7	.1	<.05	8	<.5
L19200E 7400N	.7	13.9	5.3	95	.1	13.3	12.7	697	3.02	10.2	.6	<.5	.8	19	.1	3.3	.1	68	.17	.190	5	16	.59	136	.059	<.1	2.11	.011	.05	<.1	.03	3.1	.1	<.05	11	<.5
STANDARD DS7	20.4	107.7	70.0	496	.9	55.5	9.4	621	2.36	46.1	4.8	53.2	4.3	68	6.2	5.7	4.5	85	.93	.079	12	170	1.05	367	.121	40	.97	.075	.45	3.8	.21	2.5	4.2	.23	5	3.5

Sample type: SOIL 8880 60C.



GEOCHEM PRECIOUS METALS ANALYSIS



Tanqueray Resources Ltd. PROJECT Nicuaman File # A605037 Page 1

310 - 505 - 8th Ave S.W., Calgary Alberta T2P 1G2 Submitted by: Phillip Mudry

SAMPLE#	Au** ppb	Sample gm
G-1	^2	30
L18500E 8400N	^2	15
L18500E 8375N	^2	30
L18500E 8350N	^5	15
L18500E 8325N	^2	15
L18500E 8300N	^2	15
L18500E 8275N	^2	30
L18500E 8250N	^2	15
L18500E 8225N	^2	15
L18500E 8200N	^2	15
L18500E 8175N	^2	15
L18500E 8150N	^2	15
L18500E 8125N	^2	15
L18500E 8100N	^2	15
L18500E 8075N	^2	30
L18500E 8050N	^5	15
L18500E 8025N	^2	15
L18500E 8000N	^2	15
L18500E 7975N	^2	30
L18500E 7950N	^2	30
L18500E 7925N	^2	15
L18500E 7900N	^2	15
L18500E 7875N	^2	15
L18500E 7850N	^2	30
L18500E 7825N	^2	15
L18500E 7800N	^2	15
L18550E 8400N	^3	15
RE L18550E 8400N	^2	15
L18550E 8375N	^2	30
L18550E 8350N	^2	30
L18550E 8325N	^2	15
L18550E 8300N	^2	30
L18550E 8275N	^2	30
L18550E 8250N	^2	30
L18550E 8225N	^2	30
STANDARD OX1#1	797	30

GROUP 5B - FIRE GEOCHEM AU - 30 GM SAMPLE FUSTON, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPB.
HIGH GRADE GOLD ASSAY RECOMMENDED FOR 50 GM ANALYSIS > 10ppb and 50 GM > 5ppm.
- SAMPLE TYPE: SOIL, SS&O GOC Samples beginning 'RE' are Reruns and 'ERE' are Reject Reruns.



Data 1 FA _____ DATE RECEIVED: AUG 11 2006 DATE REPORT MAILED: 09-07-06 09:17 OUT

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.



SAMPLE#	Au**	Sample ppb	gm
G-1	<2		30.0
L18550E 8200N	<2		30.0
L18550E 8175N	<2		15.0
L18550E 8250N	<2		30.0
L18550E 8125N	<2		30.0
L18550E 8100N	<2		30.0
L18550E 8075N	<2		15.0
L18550E 8050N	<2		30.0
L18550E 8025N	<2		15.0
RE L18550E 8025N	3		7.5
L18550E 8000N	2		15.0
L18550E 7975N	<2		15.0
L18550E 7950N	<2		30.0
L18550E 7925N	<2		30.0
L18550E 7900N	<2		30.0
L18550E 7875N	2		15.0
L18550E 7850N	<2		30.0
L18550E 7825N	<2		15.0
L18550E 7800N	<2		15.0
L18600E 8400N	<2		30.0
L18600E 8375N	<2		30.0
L18600E 8350N	<2		30.0
L18600E 8325N	<2		30.0
L18600E 8300N	2		30.0
L18600E 8275N	2		15.0
L18600E 8250N	2		15.0
L18600E 8225N	<2		15.0
L18600E 8200N	<2		30.0
L18600E 8175N	<2		30.0
L18600E 8150N	2		15.0
L18600E 8125N	2		15.0
L18600E 8100N	<2		30.0
L18600E 8075N	4		15.0
L18600E 8050N	2		15.0
L18600E 8025N	1		15.0
STANDARD OxF41	816		30.0

Sample type: SOIL SS&C 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au**	Sample ppb	gm
G-1	<2	30.0	
L18600E 8000N	<2	30.0	
L18600E 7975N	<2	30.0	
L18600E 7950N	<2	30.0	
L18600E 7925N	<2	30.0	
L18600E 7900N	<2	30.0	
L18600E 7875N	<2	30.0	
L18600E 7850N	<2	30.0	
L18600E 7825N	<2	30.0	
L18600E 7800N	<2	30.0	
L18650E 8400N	<2	30.0	
L18650E 8375N	4	7.5	
L18650E 8350N	<2	30.0	
L18650E 8325N	<2	30.0	
L18650E 8300N	<2	30.0	
RE L18650E 8300N	4	7.5	
L18650E 8275N	<2	30.0	
L18650E 8250N	<2	30.0	
L18650E 8225N	<2	15.0	
L18650E 8200N	<2	30.0	
L18650E 8175N	<2	30.0	
L18650E 8150N	<2	30.0	
L18650E 8125N	<2	30.0	
L18650E 8100N	<2	30.0	
L18650E 8075N	2	30.0	
L18650E 8050N	<2	30.0	
L18650E 8025N	<2	30.0	
L18650E 8000N	<2	30.0	
L18650E 7975N	<2	30.0	
L18650E 7950N	<2	30.0	
L18650E 7925N	<2	30.0	
L18650E 7900N	<2	30.0	
L18650E 7875N	<2	30.0	
L18650E 7850N	<2	30.0	
L18650E 7825N	<2	30.0	
STANDARD OXF41	810	30.0	

Sample type: SOIL SS80 6CC. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	AN**	Sample gm
	ppb	
G 1	<2	30
L18650E 7800N	<2	30
L18700E 8400N	<2	30
L18700E 8375N	<2	30
L18700E 8350N	2	30
L18700E 8325N	3	15
L18700E 8300N	3	30
L18700E 8275N	3	15
L18700E 8250N	<2	30
L18700E 8225N	2	30
L18700E 8200N	<2	30
RE L18700E 8200N	2	15
L18700E 8175N	2	30
L18700E 8150N	<2	30
L18700E 8125N	<2	30
L18700E 8100N	<2	30
L18700E 8075N	2	15
L18700E 8050N	<2	30
L18700E 8025N	<2	30
L18700E 8000N	<2	30
L18700E 7975N	<2	30
L18700E 7950N	<2	30
L18700E 7925N	<2	30
L18700E 7900N	<2	30
L18700E 7875N	<2	30
L18700E 7850N	3	30
L18700E 7825N	<2	30
L18700E 7800N	<2	30
L18750E 8400N	2	15
L18750E 8375N	2	30
L18750E 8350N	<2	30
L18750E 8325N	2	30
L18750E 8300N	4	30
L18750E 8275N	3	15
L18750E 8250N	2	30
STANDARD OxF41	617	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au**	Sample
	ppb	gr.
G 1	<2	30.0
L18750E 8225N	2	15.0
L18750E 8200N	5	15.0
L18750E 8175N	2	30.0
L18750E 8150N	2	30.0
L18750E 8125N	<2	30.0
L18750E 8100N	<2	30.0
L18750E 8075N	<2	30.0
L18750E 8050N	<2	30.0
L18750E 8025N	3	15.0
L18750E 8000N	2	30.0
L18750E 7975N	<2	30.0
L18750E 7950N	2	30.0
L18750E 7925N	2	30.0
L18750E 7900N	<2	30.0
L18750E 7875N	<2	30.0
L18750E 7850N	2	30.0
L18750E 7825N	<2	30.0
L18750E 7800N	<2	30.0
L18800E 8400N	<2	30.0
L18800E 8375N	2	30.0
L18800E 8350N	3	30.0
L18800E 8325N	3	15.0
L18800E 8300N	4	15.0
RE L18800E 8300N	2	7.5
L18800E 8275N	3	15.0
L18800E 8250N	2	30.0
L18800E 8225N	3	15.0
L18800E 8200N	3	15.0
L18800E 8175N	<2	30.0
L18800E 8150N	3	15.0
L18800E 8125N	2	15.0
L18800E 8100N	<2	30.0
L18800E 8075N	<2	30.0
L18800E 8050N	3	30.0
STANDARD Oxi#41	810	30.0

Sample Type: SOIL SS80 60C. Samples beginning 'RE' are Returns and 'RRE' are Reject Returns.



SAMPLE#	Au** ppb	Sample gm
G-1	<2	30.0
L18800E 8025N	<2	30.0
L18800E 8000N	2	30.0
L18800E 7975N	<2	30.0
L18800E 7950N	<2	5.0
L18800E 7925N	2	30.0
L18800E 7900N	<2	30.0
L18800E 7875N	<2	30.0
L18800E 7850N	4	30.0
L18800R 7825N	<2	30.0
L18800E 7800N	<2	30.0
L18850E 8400N	<2	30.0
L18850R 8375N	<2	30.0
L18850E 8350N	<2	30.0
L18850E 8325N	2	30.0
L18850E 8300N	2	30.0
L18850E 8275N	9	15.0
L18850E 8250N	<2	30.0
L18850E 8225N	<2	15.0
L18850E 8200N	<2	30.0
L18850E 8175N	<2	30.0
L18850E 8150N	<2	30.0
L18850E 8125N	4	15.0
L18850E 8100N	3	30.0
L18850E 8075N	3	15.0
L18850E 8050N	<2	15.0
L18850E 8025N	<2	30.0
L18850E 8000N	<2	30.0
L18850E 7975N	<2	15.0
RE L18850E 7975N	<2	7.5
L18850E 7950N	3	30.0
L18850E 7925N	<2	15.0
L18850E 7900N	<2	30.0
L18850E 7875N	2	15.0
L18850E 7850N	<2	30.0
STANDARD OxF41	796	30.0

Sample type: SCIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
C-1	<2	30
L18850E 7825N	2	15
L18850E 7800N	6	15
RE L18850E 7800N	5	15
L18900E 8400N	<2	30
L18900E 8375N	2	30
L18900E 8350N	5	30
L18900E 8325N	<2	30
L18900E 8300N	5	30
L18900E 8275N	<2	30
L18900E 8250N	2	30
L18900E 8225N	2	30
L18900E 8200N	3	30
L18900E 8175N	32	30
L18900E 8150N	4	30
L18900E 8125N	5	30
L18900E 8100N	24	30
L18900E 8075N	2	30
L18900E 8050N	5	15
L18900E 8025N	3	30
L18900E 8000N	<2	30
L18900E 7975N	2	30
L18900E 7950N	8	30
L18900E 7925N	3	30
L18900E 7900N	5	30
L18900E 7875N	5	15
L18900E 7850N	2	15
L18900E 7825N	2	30
L18900E 7800N	6	30
L19100E 7775N	15	15
L19100E 7750N	8	15
L19100E 7725N	12	30
L19100E 7700N	12	15
L19100E 7675N	5	30
L19100E 7650N	6	30
STANDARD OxF41	800	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	4	30.0
L19100E 7625N	2	30.0
L19100E 7600N	2	30.0
L19100E 7575N	7	30.0
L19100E 7550N	5	30.0
L19100E 7525N	2	15.0
RE 509100E 7525N	<2	15.0
L19100E 7500N	3	30.0
L19100E 7475N	<2	30.0
L19100E 7450N	<2	30.0
L19100E 7425N	<2	30.0
L19100E 7400N	5	30.0
L19150E 7775N	2	30.0
L19150E 7750N	2	30.0
L19150E 7725N	4	30.0
L19150E 7700N	30	30.0
L19150E 7675N	2	30.0
L19150E 7650N	49	30.0
L19150E 7625N	18	30.0
L19150E 7600N	6	30.0
L19150E 7575N	<2	30.0
L19150E 7550N	13	30.0
L19150E 7525N	5	30.0
L19150E 7500N	6	30.0
L19150E 7475N	12	30.0
L19150E 7450N	39	30.0
L19150E 7425N	40	7.5
L19150E 7400N	7	30.0
L19200E 7775N	19	30.0
L19200E 7750N	5	30.0
L19200E 7725N	12	30.0
L19200E 7700N	7	30.0
L19200E 7675N	10	30.0
L19200E 7650N	12	30.0
L19200E 7625N	5	30.0
STANDARD OxF41	801	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G 1	<2	30
L19200E 7600N	<2	30
L19200E 7575N	2	30
L19200E 7550N	6	30
L19200E 7525N	<2	30
L19200E 7500N	8	30
L19200E 7475N	7	30
L19200E 7450N	6	30
L19200E 7425N	9	15
L19200E 7400N	6	30
STANDARD OXF41	815	30

Sample type: SOIL SS80 60C.



GEOCHEMICAL ANALYSIS CERTIFICATE



Tanqueray Resources Ltd. PROJECT Niccoaman File # A605211

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310 - 505 - 8th Ave S.W., Calgary AB T2P 1G2 Submitted by: Phillip Mudry

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ml	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Cr	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sr	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
G-1	2	1.9	2.3	64	<1	4.8	6.3	750	2.42	<5	2.1	1.3	3.2	56	<1	<1	.1	48	.57	.075	6	6	82	355	.189	<1	1.14	.066	.77	<1	<.01	2.9	.5	<.05	7	<.5
L18950E B400M	3	24.2	3.7	56	<1	73.7	20.7	449	3.73	7	5	1.4	1.2	93	<1	<1	.1	64	62	.063	7	32	2.16	68	202	<1	2.35	.042	.10	<1	.01	6.0	<1	<.05	7	<.5
L18950E B375M	.5	28.8	4.7	43	<1	45.8	13.9	685	2.59	<5	7	1.5	1.9	65	.1	.1	.1	76	67	.063	11	12	1.29	51	.332	2	1.19	.036	.04	<1	.01	2.8	<1	<.05	4	<.5
L18950E B350M	.1	21.4	4.5	53	<1	74.1	27.4	363	3.65	1.0	5	1.2	1.3	92	<1	<1	.1	62	67	.065	6	47	1.98	65	.151	<1	2.41	.038	.07	<1	.02	7.2	<1	<.05	7	<.5
L18950E B325M	.3	42.5	4.7	51	<1	44.3	13.5	445	3.39	5.3	2.1	2.4	1.6	124	.3	.3	.1	72	1.27	.064	23	38	.97	244	.089	<1	3.54	.032	.03	<1	.03	13.4	<1	<.05	8	<.5
L18950E B300M	.4	33.2	4.4	42	<1	20.9	13.3	472	2.81	9.7	2.3	1.2	1.0	126	.1	.5	<1	86	1.12	.053	19	29	.81	188	.095	<1	2.53	.020	.06	<1	.03	8.3	<1	<.05	7	<.5
RE L18950E B300M	.4	34.9	4.4	43	<1	23.0	14.1	479	2.55	10.6	2.5	5	1.0	128	.1	.4	.1	84	1.22	.055	21	30	.83	191	.091	<1	2.62	.028	.07	<1	.04	8.7	<1	<.05	7	<.5
L18950E B275M	.3	12.5	6.4	71	<1	20.5	9.7	150	2.11	5.6	4	2.0	.8	31	.1	.2	.1	46	21	.145	3	15	.34	179	.112	<1	2.71	.020	.05	<1	.01	2.4	<1	<.05	8	<.5
L18950E B250M	.4	24.0	4.6	73	<1	24.1	13.2	667	2.84	13.6	1.1	7	1.0	125	.1	.3	.1	93	86	.069	9	31	.82	215	.125	1	2.01	.045	.06	<1	.02	5.5	<1	<.05	6	<.5
L18950E B225M	.4	24.2	5.1	54	<1	37.6	17.3	511	3.47	.8	.5	7	1.2	68	.1	<1	.1	89	51	.074	6	40	.97	95	.167	1	3.64	.055	.05	<1	.03	4.7	<1	<.05	8	<.5
L18950E B200M	.3	23.2	5.2	58	<1	43.9	19.4	442	3.67	1.2	5	8	1.7	65	.1	.1	.1	83	39	.065	8	47	1.36	97	.151	<1	4.49	.040	.04	<1	.02	6.4	<1	<.05	10	<.5
L18950E B175M	.3	23.9	3.9	59	<1	37.2	18.0	644	3.03	2.2	.6	1.8	1.6	131	<1	.3	<1	91	94	.067	10	37	1.40	134	.139	<1	2.16	.038	.13	<1	.01	6.3	<1	<.05	6	<.5
L18950E B150M	.3	24.7	3.8	47	<1	35.5	15.9	512	3.34	5.1	1.4	8	1.7	174	.1	.3	<1	86	84	.062	12	42	1.17	410	.144	2	2.23	.072	.09	<1	.01	7.1	<1	<.05	6	<.5
L18950E B125M	.4	18.0	6.2	76	<1	20.0	10.0	197	2.45	7.5	4	8	1.0	39	.1	.2	.1	64	24	.104	3	19	.39	256	.114	<1	2.83	.017	.05	<1	.03	2.5	<1	<.05	9	<.5
L18950E B100M	.4	5.5	2.1	66	<1	9.6	8.4	226	2.81	6.0	5	<5	.5	80	<1	.2	.1	76	44	.161	3	16	.67	340	.025	<1	1.65	.038	.06	<1	.03	3.7	<1	<.05	9	<.5
L18950E B375M	.6	19.0	4.4	67	<1	27.5	12.0	279	3.12	6.5	.4	<5	.9	45	.1	.5	.1	77	25	.091	4	30	.55	221	.196	<1	3.12	.018	.07	<1	.03	3.0	<1	<.05	9	<.5
L18950E B350M	.7	15.2	5.1	62	<1	20.3	10.3	331	2.64	4.8	.4	<5	1.0	30	.1	.4	.1	69	23	.073	3	22	.48	177	.117	1	2.57	.014	.07	<1	.04	2.5	<1	<.05	9	<.5
L18950E B325M	.5	19.4	5.3	62	<1	27.9	11.6	259	3.03	7.2	.5	8	1.0	35	.1	.4	.1	74	20	.118	4	26	.55	192	.105	<1	3.34	.015	.06	<1	.04	3.3	<1	<.05	9	<.5
L18950E B300M	.6	17.6	6.1	61	<1	21.4	10.1	314	2.84	4.7	.5	<5	.9	30	.1	.2	.1	66	21	.111	3	24	.49	166	.114	<1	2.43	.014	.07	<1	.04	2.8	<1	<.05	13	<.5
L18950E B275M	.5	15.8	5.5	60	<1	21.0	10.0	307	2.60	22.7	.4	7	.6	34	.1	.4	.1	70	23	.085	4	20	.61	240	.109	1	2.48	.014	.06	<1	.03	2.9	<1	<.05	13	<.5
L18950E B250M	.4	13.2	6.8	45	<1	16.4	7.2	156	2.46	16.3	.4	<5	.8	20	.1	.4	.1	70	14	.084	3	19	.42	136	.122	<1	1.92	.013	.05	<1	.02	2.3	<1	<.05	12	<.5
L18950E B225M	.3	12.9	5.9	57	<1	15.7	7.0	199	2.95	0.1	.4	5	.6	31	.1	.4	.1	76	26	.132	3	20	.41	190	.123	<1	2.12	.010	.06	<1	.06	2.2	<1	<.05	11	<.5
L18950E B200M	.8	14.0	6.2	66	<1	16.9	8.9	314	2.66	6.0	.5	<5	1.0	29	.1	.5	.1	70	14	.091	3	19	.45	131	.125	<1	2.38	.014	.05	<1	.03	2.6	<1	<.05	10	<.5
L18950E B175M	.9	17.8	6.5	57	<1	15.1	10.1	674	2.22	12.2	.5	.9	.6	84	.1	.4	.1	64	40	.037	6	17	.55	117	.077	<1	1.91	.017	.04	<1	.03	3.2	<1	<.05	8	<.5
L18950E B150M	.5	11.9	5.7	62	<1	13.6	8.5	350	2.32	9.6	.4	7	.7	227	.1	.5	.1	66	37	.044	4	17	.50	198	.080	<1	1.79	.015	.05	<1	.02	3.0	<1	<.05	7	<.5
L18950E B125M	.6	19.2	6.4	52	<1	17.2	13.5	1157	2.25	10.3	.8	<5	.5	88	.2	.4	.1	65	50	.058	16	18	.61	120	.057	<1	2.25	.019	.04	<1	.04	3.9	<1	<.05	7	<.5
L18950E B100M	.8	20.4	6.4	65	<1	23.4	11.5	251	3.02	21.5	.5	<5	1.3	42	.2	.4	.1	75	16	.084	4	22	.51	110	.108	<1	2.11	.014	.06	<1	.03	3.7	<1	<.05	10	<.5
L19000E B400M	.2	21.1	4.5	48	<1	49.8	16.6	429	2.89	<5	6	1.0	.9	96	.1	<1	<1	66	70	.062	8	31	1.34	54	.155	<1	2.15	.053	.09	<1	.01	5.3	<1	<.05	6	<.5
L19000E B375M	.2	19.0	4.6	46	<1	57.1	20.1	445	3.65	.7	5	.8	1.1	92	.1	<1	.1	64	52	.092	5	34	1.49	62	.154	2	2.65	.059	.08	<1	.02	3.9	<1	<.05	7	<.5
L19000E B350M	.3	24.1	3.8	43	<1	49.2	16.7	439	2.75	<5	4	.5	1.7	53	.1	<1	<1	85	63	.098	9	26	1.37	18	.139	<1	1.36	.050	.04	<1	.01	4.3	<1	<.05	4	<.5
L19000E B325M	.3	19.4	5.4	44	<1	37.3	15.6	525	3.21	1.1	.7	1.2	1.8	76	.1	.1	.1	79	.55	.075	7	40	.89	86	.178	2	3.75	.051	.05	<1	.02	6.4	<1	<.05	8	<.5
L19000E B300M	.2	17.5	6.2	52	<1	36.0	13.8	385	2.75	1.5	.7	.5	1.2	85	.1	.1	.1	67	.50	.054	7	32	.92	83	.137	<1	3.47	.050	.04	<1	.03	4.9	<1	<.05	8	<.5
L19000E B275M	.3	17.9	6.2	71	<1	31.5	12.6	414	2.86	1.8	.6	.5	1.2	68	.2	.1	.1	64	46	.049	5	30	.74	130	.134	1	2.71	.030	.05	<1	.01	3.8	<1	<.05	7	<.5
L19000E B250M	.2	16.5	6.1	44	<1	23.9	9.3	417	2.34	1.2	.7	.5	1.0	68	.1	.1	.1	54	48	.026	6	26	.59	103	.121	<1	2.19	.036	.04	<1	.03	4.7	<1	<.05	6	<.5
L19000E B225M	.3	17.1	5.4	61	<																															



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	Lo	Cr	Mg	Ba	Ti	B	Al	Na	K	N	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
G-1	3	1.9	2.7	65	<1	5.6	6.3	789	2.50	<5	2.5	.6	3.8	59	<1	<1	.1	51	55	.075	7	7	.87	382	.190	5	1.21	.070	.74	<1	<.01	2.5	.5	<.05	6	<.5
L19C00E 8230H	3	16.0	6.8	53	<1	23.3	8.7	391	2.25	1.7	6	1.2	.8	69	.1	.2	.1	51	49	.046	7	25	.53	147	.111	2	2.07	.028	.07	<1	.03	3.2	<.1	<.05	6	<.5
L19C00E 8175H	.3	19.0	4.3	46	<1	25.3	10.6	374	2.80	2.3	.7	1.2	1.0	109	.1	.3	<1	72	55	.036	10	35	.71	169	.175	7	1.95	.042	.08	<1	.03	5.3	<.1	<.05	5	<.5
L19C00E 8150H	.3	26.7	5.9	57	<1	33.4	15.1	364	3.50	1.0	6	1.2	1.1	106	<1	.1	.2	75	58	.048	6	31	.93	248	.159	2	3.12	.042	.08	<1	.02	5.4	<.1	<.05	8	<.5
L19C00E 8125H	.4	18.9	5.8	64	<1	31.2	11.5	237	2.71	3.7	.4	1.5	.2	65	.1	.2	.1	62	41	.097	4	27	.62	270	.095	2	2.75	.028	.07	<1	.04	3.3	<.1	<.05	8	<.5
L19C00E 8100H	.5	36.7	3.2	35	.3	28.1	11.0	401	3.09	21.8	5.1	1.4	.9	136	.1	.6	.1	87	1.42	.075	50	25	69	658	.648	3	2.82	.023	.06	<1	.19	8.8	.1	.11	7	<.5
L19C00E 8075H	.4	15.6	4.5	60	<1	25.3	11.9	344	2.85	7.7	4	1.0	.9	43	<1	.3	.1	69	32	.148	3	25	55	263	.107	2	2.47	.019	.06	<1	.02	2.9	<.1	<.05	8	<.5
L19C00E 8050H	.4	22.8	4.7	46	<1	21.8	9.7	497	2.32	12.4	.6	.8	.9	49	.1	.3	.1	64	38	.032	10	23	50	292	.691	2	2.02	.022	.04	<1	.02	3.3	<.1	<.05	6	<.5
L19C00E 8025H	.6	19.1	5.0	67	.1	29.9	12.9	384	3.12	6.0	.4	2.5	1.9	44	.1	.4	.1	82	29	.098	4	39	59	216	.174	4	3.04	.021	.07	<1	.03	3.0	<.1	<.05	9	<.5
L19C00E 8000H	.5	28.2	4.0	47	<1	28.0	13.5	417	2.93	25.2	1.1	1.7	1.3	86	.1	.4	.1	79	57	.062	11	32	73	439	.690	2	2.34	.025	.06	<1	.04	4.7	<.1	<.05	7	<.5
L19000E 7975H	.5	30.8	3.8	50	<1	40.5	16.7	563	3.54	2.9	.4	.5	1.4	104	.1	.2	<.1	87	50	.119	8	43	1.13	320	.125	1	2.49	.040	.09	<1	.03	5.2	.1	<.05	5	<.5
L19000E 7950H	1.0	19.4	5.8	49	<1	13.4	6.3	172	2.64	9.1	.5	<.5	.8	26	.1	.5	.1	68	19	.058	3	17	.39	154	.107	1	1.71	.011	.04	.1	.03	2.2	<.1	<.05	11	<.5
L19000E 7925H	1.0	19.3	5.6	69	<1	35.2	14.0	263	3.35	24.1	.5	.5	1.3	30	<1	.7	.1	85	19	.053	4	29	79	140	.123	1	3.05	.014	.06	.1	.02	3.4	<.1	<.05	11	<.5
L19000E 7900H	.6	13.5	5.9	48	<1	16.9	9.7	329	2.74	11.3	.4	1.0	.7	37	<1	.5	.1	66	21	.025	5	21	45	163	.124	2	1.75	.015	.05	<1	.01	2.5	<.1	<.05	7	<.5
L19000E 7875H	.5	8.8	5.7	56	<1	9.7	6.7	231	1.95	9.1	.2	2.6	.6	26	<1	1.0	.1	59	17	.030	3	17	.44	89	.133	1	1.16	.012	.03	<1	.01	1.8	<.1	<.05	7	<.5
L19000E 7850H	.5	9.3	4.6	43	<1	9.2	6.4	205	1.90	5.2	.3	1.2	.6	44	.1	.7	.1	67	20	.023	3	15	42	88	.096	2	1.12	.015	.02	<1	.02	1.9	<.1	<.05	6	<.5
L19000E 7075H	.6	16.6	5.6	51	<1	14.3	13.3	422	2.83	36.8	.3	<.5	.5	36	.1	.5	.1	93	36	.037	3	19	.75	73	.091	2	2.95	.012	.03	.1	.02	4.7	<.1	<.05	9	<.5
L19000E 7800H	.5	11.1	5.2	49	<1	11.0	8.5	301	2.61	46.9	.4	<.5	.5	143	<1	.6	.1	73	50	.022	4	15	59	111	.061	1	1.75	.020	.02	<1	.01	2.8	<.1	<.05	7	<.5
L19050E 8400H	.2	17.7	5.0	46	<1	14.9	12.3	287	3.04	.7	.4	.6	1.1	75	.1	<.1	<.1	63	47	.120	5	41	1.40	70	.103	1	2.32	.037	.06	<1	.02	4.0	<.1	<.05	5	<.5
RE L19050E 8400H	.3	17.6	5.1	44	<1	15.7	20.0	250	3.67	.6	.4	<.5	1.1	70	.1	<.1	<.1	62	47	.119	5	41	1.37	73	.175	3	2.31	.033	.06	<1	.02	3.9	<.1	<.05	6	<.5
L19050E 8375H	.2	20.6	4.6	52	<1	19.0	20.3	477	3.25	.8	.4	<.5	1.3	78	.1	<.1	<.1	74	54	.110	7	48	1.64	68	.179	4	1.82	.032	.07	<1	.02	5.8	<.1	<.05	5	<.5
L19050E 8350H	.3	23.1	4.5	42	<1	16.4	19.2	366	3.65	<.5	.5	<.5	1.7	75	.1	<.1	<.1	81	51	.032	7	45	1.35	58	.235	<.1	2.52	.055	.03	<1	.01	9.2	<.1	<.05	7	<.5
L19050E 8325H	.2	23.7	5.9	55	<1	14.1	18.4	284	3.30	2.1	.5	<.5	1.3	86	.1	.1	.1	62	41	.105	7	40	1.17	148	.106	2	4.76	.024	.07	<1	.03	5.6	<.1	<.05	11	<.5
L19050E 8300H	.3	15.2	5.5	46	<1	29.0	12.0	217	2.79	.8	.5	<.5	1.2	35	.1	<.1	.1	61	30	.113	3	25	55	69	.133	3	3.55	.039	.04	<1	.03	2.6	<.1	<.05	8	<.5
L19050E 8275H	.3	20.0	5.4	56	<1	16.9	14.9	263	3.68	1.5	.7	.7	1.6	74	.1	.1	.1	81	46	.093	5	36	.91	104	.126	<.1	4.32	.054	.04	<1	.03	4.1	<.1	<.05	9	<.5
L19050E 8250H	.6	16.7	6.9	70	<1	14.5	15.3	425	3.02	1.3	.4	<.5	.9	64	.1	.1	.1	65	27	.144	3	34	.88	127	.144	1	3.67	.025	.06	<1	.03	2.9	<.1	<.05	11	<.5
L19050E 8225H	.2	24.6	5.5	52	<1	14.7	13.6	414	3.27	1.2	.8	<.5	1.5	91	.1	.2	.1	87	56	.037	9	38	.92	99	.158	1	2.61	.034	.06	<1	.02	6.0	<.1	<.05	7	<.5
L19050E 8200H	.4	20.5	6.5	53	<1	10.7	17.2	189	2.64	2.3	.5	.5	1.2	62	.1	.1	.1	59	34	.129	8	29	.64	123	.101	1	3.85	.021	.05	<1	.02	4.1	<.1	<.05	10	<.5
L19050E 8175H	.2	34.3	3.0	67	<1	25.2	15.7	606	3.68	5.8	.5	2.2	1.6	93	<1	1.7	<.1	82	85	.122	9	25	1.22	131	.106	2	1.88	.028	.13	<1	.02	5.7	<.1	<.05	7	<.5
L19050E 8150H	.4	27.0	7.0	57	.1	17.8	16.3	296	3.52	1.1	.5	.7	2.1	59	.1	.1	.1	67	26	.112	8	32	.81	142	.157	1	4.70	.028	.06	<1	.03	6.7	<.1	<.05	12	<.5
L19050E 8125H	.4	27.0	7.0	62	.1	14.6	17.9	299	3.97	1.7	.5	<.5	2.1	61	.1	.1	.1	70	31	.065	5	39	.85	164	.119	<.1	5.30	.020	.10	<1	.02	5.7	.1	<.05	15	<.5
L19050E 8100H	.3	19.7	4.7	68	.1	10.6	12.3	273	2.84	3.4	.5	.9	1.3	67	.1	.2	.1	64	51	.058	6	25	.58	145	.091	3	2.52	.022	.08	<1	.02	4.1	<.1	<.05	8	<.5
L19050E 8075H	.4	19.5	5.7	64	<1	29.8	12.5	299	2.97	3.3	.4	<.5	.8	49	.1	.2	.1	70	28	.048	4	29	.58	194	.111	1	2.61	.021	.06	<1	.02	3.0	<.1	<.05	8	<.5
L19050E 8050H	.5	10.6	3.5	67	<1	21.7	10.8	251	2.82	12.8	.4	2.1	1.1	29	.1	.5	.1	71	42	.120	4	23	.39	172	.034	1	2.42	.010	.11	.1	.04	3.6	<.1	<.05	8	<.5
L19050E 8025H	.6	18.0	5.0	102	.1	12.2	13.5	332	3.23	8.8	.4	.5	1.2	27	<1	.4	.1	89	19	.103	4	27	.64	175	.110	2	3.14	.012	.08	<1	.04	3.5	<.1	<.05	10	<.5
STANDARD DS7	20.9	107.5	69.																																	



SAMPLE#	Kc	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Yg	Ba	Ti	B	Al	Na	K	W	Hg	Se	T	S	Ga	Ge
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
G-1	.2	1.9	2.8	45	<.1	3.9	4.3	513	1.86	<.5	2.4	2.3	3.7	56	<.1	<.1	.1	36	.56	.079	6	10	.61	205	128	1	.88	.055	.46	.1	<.01	1.9	.3	<.05	5	<.5
19050F 8300N	8	17.6	6.1	99	<.1	29.9	12.5	209	3.37	4.9	.5	2.0	1.2	21	.1	.4	1	75	14	.173	3	24	.49	134	110	<.1	3.94	.011	.05	1	.04	3.1	<.1	<.05	12	<.5
19050E 7975N	.5	15.6	5.2	61	.1	26.3	11.0	221	2.70	4.0	.4	2.1	1.0	47	.1	.2	1	62	.32	.236	4	24	.47	232	100	<.1	3.00	.015	.06	.1	.04	2.9	<.1	<.05	9	<.5
19050E 7950N	.7	13.2	5.8	51	<.1	20.5	8.2	160	2.27	3.7	.4	.7	1.1	21	.1	.2	1	57	14	.105	3	20	.44	129	117	<.1	2.72	.015	.07	<.1	.03	2.3	<.1	<.05	10	<.5
19050F 7925N	.5	16.5	5.7	62	<.1	27.1	11.4	243	2.61	4.2	.4	.9	.9	27	<.1	.3	.1	71	15	.073	3	24	.51	178	120	<.1	3.22	.014	.06	<.1	.04	2.5	<.1	<.05	10	<.5
19050E 7900N	.8	19.7	5.4	54	<.1	28.9	11.6	259	3.09	11.8	.4	.9	1.0	36	.1	.3	.1	80	20	.050	4	26	.63	215	129	<.1	3.08	.017	.07	.1	.02	3.2	<.1	<.05	11	<.5
19050C 7975N	.8	16.4	4.7	59	<.1	29.2	13.1	300	3.27	9.3	.4	1.2	1.0	39	.1	.5	1	78	22	.071	3	27	.72	165	121	<.1	3.06	.014	.10	<.1	.03	3.4	<.1	<.05	11	<.5
19050E 7850N	1.0	14.3	5.3	61	<.1	22.5	10.1	221	3.61	5.8	.5	1.0	.8	25	.1	.4	.1	72	15	.070	4	23	.53	141	120	<.1	2.76	.013	.06	.1	.04	2.7	<.1	<.05	11	<.5
19050E 7825N	.4	12.5	3.2	56	<.1	15.9	11.5	440	2.50	18.8	.5	1.3	.9	71	1	1.1	1	76	46	.035	5	20	.81	109	103	<.1	1.62	.018	.05	<.1	.02	3.4	<.1	<.05	7	<.5
19050E 7800N	.8	22.5	4.2	79	<.1	16.0	12.6	418	2.57	35.8	.4	.9	.7	61	.1	.6	.1	94	48	.077	3	19	.84	231	090	<.1	2.58	.019	.07	<.1	.02	5.4	<.1	<.05	10	<.5
19100F 8400N	3	20.9	4.1	48	<.1	44.4	16.2	364	3.05	.8	1.1	.7	1.0	85	.1	<.1	<.1	67	79	.046	9	37	1.33	55	146	<.1	2.07	.040	.05	<.1	.02	7.6	<.1	<.05	5	<.5
19100E 8375N	.3	20.5	4.8	46	<.1	52.1	17.8	389	3.32	.8	.8	1.2	1.1	133	<.1	<.1	.1	69	.50	.064	6	30	1.48	90	160	<.1	2.84	.041	.10	<.1	.01	6.6	<.1	<.05	3	<.5
19100E 8350N	.2	18.1	6.5	41	<.1	29.5	11.2	331	2.59	1.0	1.5	1.2	1.1	70	.2	<.1	.1	69	.67	.022	8	27	.84	62	207	<.1	2.43	.057	.03	<.1	.02	5.6	<.1	<.05	6	<.5
19100E 8325N	.2	13.4	5.9	42	<.1	22.3	9.8	234	2.40	.8	.9	.7	.9	58	.1	<.1	.1	51	.48	.053	4	27	.69	62	126	<.1	2.63	.054	.04	<.1	.02	3.9	<.1	<.05	7	<.5
19100F 8300N	2	15.3	4.9	31	<.1	24.8	11.6	372	2.53	1.0	1.0	1.0	1.2	94	.1	<.1	.1	52	.84	.022	7	32	.78	58	106	<.1	2.51	.062	.04	<.1	.01	6.7	<.1	<.05	5	<.5
RE 19100E 8300N	.1	14.8	5.0	31	<.1	24.0	11.6	367	2.47	1.0	1.0	.6	1.1	82	.1	<.1	.1	50	.87	.022	6	31	.79	55	106	<.1	2.58	.066	.04	<.1	.01	6.9	<.1	<.05	6	<.5
19100E 8275N	.1	16.9	5.1	31	<.1	28.3	10.2	298	2.30	1.0	1.8	.9	1.2	79	.1	.1	.1	57	.57	.021	9	30	.89	68	132	<.1	2.00	.052	.04	<.1	.01	6.8	<.1	<.05	5	<.5
19100E 8250N	2	10.9	5.5	27	<.1	10.0	0.7	159	1.62	1.4	1.5	.5	.4	60	.1	.1	.1	47	.57	.046	15	20	.39	63	062	<.1	1.73	.018	.03	<.1	.05	3.9	<.1	<.05	6	<.5
19100E 8225N	.7	18.0	5.7	43	<.1	27.7	11.2	143	2.71	1.5	.5	1.8	1.7	33	.1	1	1	63	19	.035	5	27	.51	73	128	<.1	4.34	.019	.04	<.1	.04	3.6	<.1	<.05	10	<.5
19100E 8200N	.2	13.3	7.0	64	<.1	21.2	9.3	159	2.21	1.0	.4	1.0	.9	36	.1	.1	.1	55	.22	.075	3	23	.42	84	121	<.1	2.77	.018	.04	<.1	.02	2.4	<.1	<.05	8	<.5
19100E 8175N	.3	31.2	3.0	54	<.1	40.5	16.0	564	3.48	2.6	1.0	1.6	1.0	120	.1	.2	.1	95	.76	.079	14	44	1.22	112	124	<.1	2.44	.048	.06	<.1	.03	11.3	<.1	<.05	6	<.5
19100F 8150N	.3	21.3	4.5	54	<.1	41.2	17.1	319	3.70	1.0	.4	1.5	1.7	109	.1	.1	.1	75	.44	.072	8	39	1.14	169	118	<.1	5.98	.029	.05	<.1	.02	6.4	<.1	<.05	11	<.5
19100E 8125N	.5	22.1	5.3	60	.1	37.9	15.0	261	3.40	1.9	.4	1.1	1.2	44	.1	1	1	74	18	.067	4	35	.65	118	108	<.1	4.98	.015	.05	<.1	.04	3.8	<.1	<.05	11	<.5
19100E 8100N	.4	21.3	5.4	67	<.1	35.2	13.6	367	3.16	2.2	.4	1.0	1.0	56	<.1	.2	.1	71	.28	.121	5	34	.64	142	104	<.1	3.58	.015	.06	<.1	.03	3.4	<.1	<.05	9	<.5
19100E 8075N	.3	17.1	3.5	50	<.1	27.4	12.2	313	2.93	2.3	.4	.8	1.1	67	.1	.3	.1	78	.48	.048	4	33	.72	222	115	<.1	2.46	.031	.07	<.1	.01	3.7	<.1	<.05	7	<.5
19100E 8050N	.5	12.9	4.5	84	<.1	21.3	11.8	610	2.85	8.6	.5	1.2	1.7	21	.1	.0	1	77	.10	.105	5	20	.38	163	065	<.1	2.62	.011	.06	<.1	.03	3.0	<.1	<.05	9	<.5
19100E 8025N	.3	16.8	4.5	81	<.1	31.6	12.7	593	2.77	2.2	.3	<.5	.9	35	.1	.2	.1	69	.24	.069	3	30	.51	170	122	<.1	3.31	.019	.09	<.1	.02	2.9	<.1	<.05	9	<.5
19100E 8000N	.5	21.4	5.0	72	<.1	35.2	12.8	307	3.12	5.6	.4	<.5	1.0	47	.1	.2	.1	83	.27	.086	9	33	.62	245	118	<.1	3.28	.015	.07	<.1	.02	3.1	<.1	<.05	10	<.5
19100F 7975N	.4	11.7	4.8	59	<.1	18.2	8.1	177	2.20	2.6	.4	.5	.7	23	.1	.3	.1	50	18	.121	3	10	.33	136	095	<.1	2.18	.012	.05	1	.03	2.3	.1	<.05	8	<.5
19100E 7950N	.4	31.5	3.5	53	<.1	31.5	12.4	405	2.96	25.0	2.5	<.5	1.4	82	<.1	.3	1	90	.56	.050	9	34	.83	360	122	<.1	2.63	.027	.10	<.1	.03	7.5	.1	<.05	7	<.5
19100E 7925N	.6	19.7	5.2	48	<.1	23.7	10.7	319	2.52	11.3	.6	.8	.6	56	<.1	.4	.1	69	.40	.082	6	21	.58	164	096	<.1	2.72	.016	.06	<.1	.03	3.0	<.1	<.05	9	<.5
19100F 7900N	.6	17.0	5.3	65	<.1	24.2	10.6	265	2.04	4.7	.4	1.1	1.1	35	.1	.3	.1	67	.20	.139	4	23	.53	165	129	<.1	3.18	.016	.09	<.1	.03	3.3	<.1	<.05	10	<.5
19100E 7875N	.7	14.3	4.6	70	<.1	19.7	9.5	232	2.62	10.8	.4	<.5	.8	44	.1	.4	.1	63	18	.172	3	19	.43	211	097	<.1	2.30	.011	.06	1	.05	2.5	<.1	<.05	9	<.5
19100E 7850N	.4	31.5	5.2	58	.2	21.7	11.9	539	2.95	34.6	1.5	3.5	.7	71	.1	.6	.1	75	.52	.045	12	23	.70	177	080	<.1	2.56	.020	.04	<.1	.03	6.5	<.1	<.05	9	<.5
19100E 7825N	.8	29.5	3.4	31	.2	21.7	10.4	627	3.61	63.1	2.7	1.7	.3	118	.2	.9	.1	88	1.40	.061	31	19	.59	162	033	<.1	2.29	.019	.03	<.1	.11	7.0	.1	<.05	7	<.5
STANDARD DS7	21.8	111.5	70.7	415	.9	58.2	9.9	649	2.48	49.3	4.8	67.7	4.3	71	6.4	5.6	4.6	87	95	.079	12	179	1.08	385	125	40	1.00	.075	45	3.9	21	2.7	4.2	.22	5	3.9

Sample type: SOI. SS00 60C. Samples beginning "RF" are Retruns and "RRR" are Reject Retruns.



SAMPLE #	Mn	Cu	Pb	Zn	Ag	Hg	Co	Mn	Fe	As	U	Mo	Th	Sr	Cd	Sb	Bi	V	Cr	P	Lu	Ce	Mg	Ba	Ti	S	Al	Na	K	W	Hg	Se	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
RE	.7	2.0	2.3	48	<.1	3.9	4.4	500	1.86	<.5	1.9	<.5	3.2	60	<.1	<.1	1	35	.56	.079	7	13	.59	200	.131	<.1	.91	.059	.46	.1	<.31	1.9	.3	<.05	5	<.5
19150F 7300N	.5	15.1	3.8	85	<.1	9.5	10.5	522	4.22	36.5	.7	.7	1.9	177	<.1	.8	1	139	.77	.069	8	16	.59	126	.060	<.1	1.81	.014	.05	<.1	.94	3.6	1	<.05	6	<.5
19150E 5400N	.3	17.2	5.6	54	<.1	25.8	12.8	228	2.70	2.0	4	<.5	1.2	58	<.1	.1	.1	57	.31	.163	5	30	79	78	119	1	2.59	.020	.06	<.1	.93	4.2	<.1	<.05	8	<.5
19150E 8375N	.4	25.5	4.3	50	<.1	52.8	20.9	542	3.40	1.1	9	<.5	1.2	244	1	1	<.1	75	.81	.061	8	41	1.98	91	.210	<.1	2.41	.052	.09	<.1	.93	8.8	<.1	<.05	7	<.5
19150F 8360N	.5	29.9	4.3	51	<.1	43.4	18.0	532	3.10	<.5	7	<.5	1.7	112	.1	<.1	<.1	83	.77	.088	10	33	1.77	40	.273	3	2.03	.060	.04	<.1	.91	6.7	<.1	<.05	5	<.5
19150E 8325N	.2	15.2	6.4	50	<.1	33.2	14.1	335	2.98	1.0	.9	.5	1.4	57	<.1	.1	.1	69	.52	.068	9	38	75	77	153	<.1	3.27	.049	.04	<.1	.92	5.8	<.1	<.05	8	<.5
19150C 8300N	.4	23.4	6.1	61	.1	31.5	15.1	591	2.61	1.0	6	.5	1.0	73	1	1	1	64	.42	.067	11	33	.73	85	.129	<.1	2.84	.035	.04	<.1	.92	4.8	<.1	<.05	8	<.5
19150F 8275N	.3	17.5	5.4	55	<.1	32.8	12.9	318	2.62	1.6	.5	<.5	1.2	70	<.1	.1	.1	56	.37	.094	4	29	.65	144	.110	<.1	3.05	.022	.06	<.1	.92	3.9	<.1	<.05	8	<.5
19150E 8250N	.2	19.4	4.5	45	<.1	32.1	13.6	280	2.84	.7	.6	.5	1.2	178	.1	.1	.1	54	.68	.021	5	34	.99	145	.129	<.1	2.41	.057	.06	<.1	.91	6.6	<.1	<.05	6	<.5
19150E 8225N	.5	21.8	5.8	86	<.1	30.7	13.1	299	2.52	1.2	.4	<.5	.6	62	.2	.1	.1	60	.55	.112	8	26	.78	105	.109	<.1	2.61	.030	.06	<.1	.94	4.2	<.1	<.05	6	<.5
19150F 8200N	.3	20.6	6.3	48	.2	32.2	19.3	287	2.49	1.8	1.1	<.5	1.0	107	.1	.1	.1	54	.85	.055	18	34	.85	123	.101	1	2.82	.040	.06	<.1	.95	7.9	.1	<.05	7	<.5
RE 19150E 8200N	.3	24.9	6.5	43	.2	31.1	19.4	273	2.42	2.0	1.2	<.5	1.6	134	.1	.2	.1	50	.80	.052	18	32	.83	123	.097	1	2.75	.037	.06	<.1	.96	7.5	<.1	<.05	7	<.5
19150E 8175N	.2	33.8	6.2	54	.1	38.1	13.8	463	3.23	2.1	1.4	<.5	1.5	92	.1	.1	1	66	.79	.028	15	47	.79	98	.095	<.1	2.97	.029	.08	<.1	.92	9.5	.1	<.05	8	<.5
19150C 8150N	.3	23.0	4.9	51	<.1	29.8	11.6	382	2.61	1.7	1.0	<.5	1.0	120	.1	.2	.1	67	.79	.031	12	35	.67	137	.124	1	2.49	.047	.05	<.1	.92	7.4	.1	<.05	6	<.5
19150F 8125N	.3	22.6	6.3	63	<.1	33.8	12.3	335	2.72	1.4	.5	.7	.9	82	.1	.2	.1	70	.42	.074	7	33	.77	111	.168	<.1	2.87	.022	.07	<.1	.93	4.5	<.1	<.05	8	<.5
19150E 8100N	.4	22.8	5.4	59	.1	38.1	14.6	338	3.19	2.4	.5	19.1	1.1	70	.1	.1	.1	79	.42	.122	7	35	.75	123	.107	<.1	3.72	.019	.06	.1	.93	4.7	.1	<.05	10	<.5
19150C 8075N	.6	20.1	5.5	58	<.1	39.3	13.5	196	3.01	2.6	4	<.5	1.0	40	1	.1	.1	65	.23	.138	4	32	.62	119	.106	<.1	4.04	.017	.05	<.1	.93	3.5	<.1	<.05	11	<.5
19150F 8050N	.2	18.9	5.2	42	<.1	26.4	11.7	306	2.60	2.2	1.3	.6	1.1	195	1	.3	.1	62	.67	.023	8	29	.86	232	.141	2	1.89	.046	.05	<.1	.92	5.1	<.1	<.05	5	<.5
19150E 8025N	.2	17.8	5.3	48	<.1	29.8	12.4	416	2.71	3.3	1.1	.5	1.3	96	1	.2	.1	59	.67	.034	7	30	.85	196	.140	1	1.95	.047	.07	<.1	.91	5.3	.1	<.05	6	<.5
19150E 8000N	.5	21.2	3.2	52	<.1	31.0	13.4	381	3.16	3.8	.6	1.3	1.4	109	<.1	.3	<.1	90	.56	.056	6	36	.92	299	.141	<.1	2.61	.046	.06	<.1	.92	5.9	<.1	<.05	6	<.5
19150E 7975N	.5	19.1	4.5	57	<.1	31.6	12.5	261	2.94	4.0	.5	<.5	1.1	65	1	.2	.1	69	.36	.178	4	29	.64	263	.108	<.1	3.21	.019	.08	<.1	.91	3.2	<.1	<.05	8	<.5
19150F 7950N	.3	18.3	5.4	62	<.1	28.4	11.7	347	2.74	9.3	.6	.6	1.0	60	1	.2	.1	66	.45	.110	6	27	.59	275	.118	1	2.64	.023	.06	<.1	.93	3.2	<.1	<.05	9	<.5
19150E 7925N	.7	20.7	5.3	54	<.1	25.8	12.3	333	2.90	9.2	.5	<.5	.9	46	<.1	.3	.1	59	.30	.086	4	26	.55	315	.103	<.1	2.63	.017	.07	<.1	.93	2.9	<.1	<.05	9	<.5
19150E 7900N	.7	13.3	5.2	48	<.1	21.2	9.2	214	2.40	7.9	.4	<.5	.7	33	<.1	.3	.1	59	.21	.058	3	14	.41	145	.105	1	2.27	.013	.04	.1	.95	2.9	<.1	<.05	9	<.5
19150C 7875N	.6	10.9	5.0	61	<.1	14.0	7.3	250	2.35	12.3	.4	<.5	.6	27	<.1	.4	1	57	.20	.109	2	15	.40	154	.089	<.1	1.89	.000	.07	.1	.93	1.9	<.1	<.05	9	<.5
19150E 7850N	.5	16.0	4.6	79	<.1	10.3	9.9	432	2.84	15.7	.4	<.5	.5	91	<.1	.5	.1	58	.41	.106	4	13	.54	245	.032	<.1	1.67	.010	.07	<.1	.93	2.5	<.1	<.05	8	<.5
19150E 7825N	.5	16.8	4.1	52	<.1	25.2	10.1	226	2.52	7.4	.5	1.5	.5	45	<.1	.3	.1	51	.27	.058	4	23	.51	111	.086	<.1	2.29	.013	.07	<.1	.95	2.3	<.1	<.05	8	<.5
19150C 7800N	.5	19.7	4.9	79	<.1	27.6	12.5	445	2.76	7.7	.5	<.5	.6	61	1	.3	.1	67	.44	.105	6	24	.69	145	.100	1	2.65	.019	.05	<.1	.91	3.2	<.1	<.05	9	<.5
19200F 8400N	.3	20.3	5.8	46	<.1	58.2	21.1	417	3.63	1.0	.5	1.5	1.5	97	.1	<.1	.1	74	.46	.093	7	39	1.55	145	.217	<.1	3.65	.028	.05	<.1	.92	5.8	<.1	<.05	8	<.5
19200E 8375N	.2	17.7	5.4	59	<.1	60.1	20.8	310	3.45	1.1	.3	1.5	1.2	122	<.1	.1	.1	59	.40	.079	4	43	1.58	176	.139	<.1	3.37	.021	.07	<.1	.95	4.5	<.1	<.05	9	<.5
19200C 8350N	.2	24.7	3.8	59	<.1	69.4	26.1	433	4.19	<.5	.4	1.1	1.6	75	<.1	<.1	<.1	99	.59	.038	7	66	2.78	73	.229	1	2.82	.033	.05	<.1	.91	11.3	<.1	<.05	7	<.5
19200E 8325N	.5	21.8	6.1	52	<.1	66.5	21.4	324	3.48	1.2	.7	1.1	1.6	76	.1	<.1	.1	72	.32	.104	8	39	1.36	103	.247	<.1	4.42	.026	.06	<.1	.93	7.2	<.1	<.05	10	<.5
19200E 8300N	.3	21.3	7.6	61	<.1	49.2	17.2	270	3.57	1.4	.5	1.3	1.8	104	.1	<.1	.1	53	.32	.090	4	36	1.10	175	.139	<.1	5.17	.024	.07	<.1	.91	6.3	<.1	<.05	12	<.5
19200E 8275N	.4	16.6	6.4	44	<.1	31.1	11.4	213	2.56	2.3	.6	1.5	1.4	58	.1	.7	.1	51	.27	.085	5	28	.57	141	.117	<.1	3.61	.022	.04	<.1	.94	3.9	<.1	<.05	9	<.5
19200E 8250N	.6	19.0	6.5	50	<.1	36.3	13.4	255	3.03	3.0	.5	.8	1.4	40	1	.2	.1	66	.19	.096	5	32	.67	169	.112	1	4.65	.015	.07	<.1	.95	4.0	<.1	<.05</		



SAMPLE #	Pb	Cd	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Hg	Sr	Cu	Sb	Bi	V	Ca	P	Te	Cr	Mg	Ba	Ti	B	Al	Na	K	N	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
G-1	2	1.8	2.8	46	<1	4.0	4.4	541	1.90	<5	2.8	<5	3.7	62	<1	<1	1	39	.58	.079	8	13	.60	211	130	<1	.53	.009	.47	.1	.01	2.0	.3	<.05	5	<.5
19200E 8225N	3	20.4	2.4	59	<1	46.1	22.3	279	3.55	<5	.3	<5	1.3	171	<1	<1	<1	87	.86	120	14	36	2.15	85	.077	<1	2.72	.966	.95	<1	<.01	8.6	<1	<.05	7	<.5
19200E 8290N	5	23.7	4.4	52	<1	36.4	15.2	253	3.03	.7	.3	<5	1.0	89	<1	<1	1	66	.94	.056	6	33	1.11	119	135	<1	3.48	.939	.94	<1	.02	3.7	<1	<.05	9	<.5
19200E 8175N	3	25.5	5.5	51	<1	33.1	15.9	314	3.52	1.4	.7	<5	2.4	222	.1	.1	.1	65	.51	.058	19	38	.80	227	.078	<1	4.36	.924	.12	<1	.02	7.7	.1	<.05	10	<.5
19200E 8150N	4	26.3	5.8	50	<1	44.9	20.3	389	3.82	1.6	.7	1.2	2.0	94	.1	<1	.1	75	.33	.091	5	43	1.02	169	.146	<1	4.78	.936	.97	<1	.04	6.3	.1	<.05	12	<.5
19200E 8125N	4	25.5	5.5	52	<1	41.7	19.1	456	3.79	1.5	.5	.7	1.7	85	.1	.2	.1	91	.38	.090	6	47	.96	121	135	<1	3.98	.929	.98	<1	.03	5.3	<1	<.05	10	<.5
19200E 8100N	5	23.3	5.9	53	<1	45.1	16.5	290	3.60	2.4	.5	<5	1.6	55	<1	.2	.1	90	.21	.195	5	40	.76	175	111	<1	4.43	.917	.97	<1	.03	4.6	<1	<.05	11	<.5
19200E 8075N	4	30.4	2.7	58	<1	71.9	24.2	343	3.51	1.8	.3	<5	1.0	136	<1	1	<1	52	.74	.145	12	33	1.75	144	.096	<1	3.15	.956	.95	.1	.02	2.8	<1	<.05	6	<.5
19200E 8050N	2	16.8	6.1	44	<1	24.8	10.5	330	2.59	3.3	.6	<5	1.0	78	<1	2	1	63	.46	.021	6	31	.54	193	.145	<1	2.27	.940	.95	<1	.01	4.1	<1	<.05	6	<.5
19200E 8025N	3	18.6	5.7	71	<1	29.1	13.1	324	2.67	2.5	.5	<5	1.1	59	.1	3	.1	73	.48	.065	6	30	.74	198	134	<1	2.45	.931	.97	<1	.02	4.0	<1	<.05	7	<.5
19200E 8000N	3	19.3	5.0	60	<1	28.3	12.9	339	2.99	3.9	.9	.6	1.3	116	.1	.2	.1	73	.60	.042	8	35	.86	281	155	<1	2.23	.947	.98	<1	.03	4.8	<1	<.05	6	<.5
RE 19200E 8000N	2	19.1	5.1	58	<1	28.7	12.8	389	2.87	4.0	.8	.8	1.3	113	<1	2	.1	70	.61	.041	8	35	.84	281	151	<1	2.20	.948	.98	<1	.02	4.7	<1	<.05	6	<.5
19200E 7975N	3	25.3	5.3	41	.1	29.4	13.5	519	2.57	14.0	1.6	<5	1.1	88	.1	.4	1	71	.69	.025	12	30	.84	305	125	<1	2.70	.964	.95	<1	.03	5.3	<1	<.05	6	<.5
19200E 7950N	4	56.0	4.9	39	.3	32.1	13.4	399	3.19	70.2	3.4	1.0	1.5	78	.1	.6	.1	92	.68	.025	12	33	.91	423	.095	<1	2.61	.931	.96	.1	.03	6.7	.1	<.05	7	<.5
19200E 7925N	5	24.5	4.9	40	<1	26.8	14.4	323	2.98	70.7	2.0	<5	.9	102	.1	.4	<1	80	.50	.025	5	33	.82	369	123	<1	2.16	.943	.97	<1	.02	3.7	<1	<.05	6	<.5
19200E 7900N	5	24.5	5.5	63	.1	22.9	12.3	601	2.76	31.0	4	<5	.4	68	.1	3	.1	68	.55	.163	3	23	.51	369	.072	<1	2.77	.915	.97	<1	.04	2.2	<1	<.05	8	<.5
19200E 7875N	5	20.2	4.9	62	.2	30.7	12.2	260	2.88	9.1	6	<5	.6	52	.2	.3	.1	68	.39	.139	5	28	.57	163	.091	<1	3.10	.916	.96	<1	.03	2.8	<1	<.05	9	<.5
19200E 7850N	6	27.4	4.9	69	<1	43.2	16.9	474	3.54	4.5	.5	2.1	1.0	58	.1	.3	.1	87	.28	.126	6	49	1.01	262	110	<1	4.90	.919	.11	<1	.04	3.8	<1	<.05	10	<.5
19200E 7825N	4	19.9	5.4	56	<1	31.3	13.3	285	3.12	4.3	.4	1.3	1.1	56	1	3	1	76	.23	.105	5	33	.66	211	119	<1	3.20	.918	.96	<1	.03	3.5	<1	<.05	9	<.5
19200E 7800N	4	24.3	4.9	61	<1	38.8	16.2	354	3.35	4.1	.4	1.7	1.0	111	1	.3	<1	98	.52	.076	5	42	.94	155	141	<1	2.69	.926	.12	.1	.01	3.4	<1	<.05	7	<.5
STANDARD DS7	21.0	109.1	60.5	406	.9	57.0	9.7	620	2.41	47.2	4.8	53.3	4.4	76	6.2	5.5	4.4	87	53	.078	13	177	1.06	369	125	.36	.98	.078	.44	3.8	.20	2.5	4.2	.22	5	3.6

Sample type: SOIL SS80 60C Samples beginning 'RF' are Reruns and 'RRE' are Reject Reruns.



GEOCHEM PRECIOUS METALS ANALYSIS



Tanqueray Resources Ltd. PROJECT Nicoaman File # A605211

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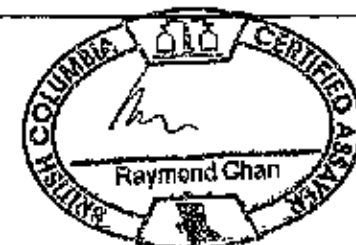
310 - 505 8th Ave S.W., Calgary AB T2P 1G2 Submitted by: Phillip Mudry

SAMPLE#	Au** ppb	Sample gm
G-1	<2	15
L18950E 8400N	4	15
L18950E 8375N	10	15
L18950E 8350N	5	15
L18950E 8325N	<2	15
L18950E 8300N	6	15
RE L18950E 8300N	22	15
L18950E 8275N	3	15
L18950E 8250N	3	15
L18950E 8225N	9	15
L18950E 8200N	6	15
L18950E 8175N	5	15
L18950E 8150N	2	15
L18950E 8125N	8	15
L18950E 8100N	3	15
L18950E 8075N	8	15
L18950E 8050N	<2	15
L18950E 8025N	4	15
L18950E 8000N	<2	15
L18950E 7975N	9	15
L18950E 7950N	4	15
L18950E 7925N	3	15
L18950E 7900N	6	15
L18950E 7875N	5	15
L18950E 7850N	<2	15
L18950E 7825N	8	15
L18950E 7800N	<2	15
L19000E 8400N	4	15
L19000E 8375N	<2	15
L19000E 8350N	<2	15
L19000E 8325N	3	15
L19000E 8300N	<2	15
L19000E 8275N	<2	15
L19000E 8250N	3	15
L19000E 8225N	<2	15
STANDARD OXF41	812	15

GROUP 59 - FIRE GEOCHEM AU - 15/30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
HIGH GRADE GOLD ASSAY RECOMMENDED FOR 30 GM ANALYSIS > 10ppm and 50 GM > 5ppm.
- SAMPLE TYPE: SOIL SSBC SCC Samples beginning 'RE' are Retuns and 'RRF' are Reject Retuns.

09-15-06 10:36 AM

Data 1 FA _____ DATE RECEIVED: AUG 17 2006 DATE REPORT MAILED:





SAMPLE#	Au** ppb	Sample gm.
G-1	<2	15.0
L19000E 8200N	14	15.0
L19000E 8175N	4	15.0
L19000E 8150N	<2	15.0
L19000E 8125N	8	15.0
L19000E 8100N	7	7.5
L19000E 8075N	<2	15.0
L19000E 8050N	6	15.0
L19000E 8025N	3	15.0
L19000E 8000N	<2	15.0
L19000E 7975N	4	15.0
L19000E 7950N	2	15.0
L19000E 7925N	3	15.0
L19000E 7900N	<2	15.0
L19000E 7875N	<2	15.0
L19000E 7850N	5	15.0
L19000E 7825N	7	15.0
L19000E 7800N	2	15.0
L19050E 8400N	15	15.0
RE L19050E 8400N	15	15.0
L19050E 8375N	7	15.0
L19050E 8350N	8	15.0
L19050E 8325N	4	15.0
L19050E 8300N	4	15.0
L19050E 8275N	<2	15.0
L19050E 8250N	5	15.0
L19050E 8225N	13	15.0
L19050E 8200N	<2	15.0
L19050E 8175N	11	15.0
L19050E 8150N	<2	15.0
L19050E 8125N	14	15.0
L19050E 8100N	21	15.0
L19050E 8075N	<2	15.0
L19050E 8050N	<2	15.0
L19050E 8025N	8	15.0
STANDARD OxF41	823	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRR' are Reject Reruns.



SAMPLE#	Au**	Sample gm
	ppb	
G-1	<2	15.0
L19050E 8000N	<2	15.0
L19050E 7975N	8	15.0
L19050E 7950N	7	15.0
L19050E 7925N	2	15.0
L19050E 7900N	<2	15.0
L19050E 7875N	<2	15.0
L19050E 7850N	<2	15.0
L19050E 7825N	4	15.0
L19050E 7800N	6	15.0
L19100E 8400N	<2	15.0
L19100E 8375N	2	15.0
L19100E 8350N	<2	15.0
L19100E 8325N	5	15.0
L19100E 8300N	3	15.0
RE L19100E 8300N	<2	15.0
L19100E 8275N	2	15.0
L19100E 8250N	4	15.0
L19100E 8225N	4	15.0
L19100E 8200N	<2	15.0
L19100E 8175N	4	15.0
L19100E 8150N	4	15.0
L19100E 8125N	5	15.0
L19100E 8100N	5	15.0
L19100E 8075N	5	15.0
L19100E 8050N	2	15.0
L19100E 8025N	5	15.0
L19100E 8000N	13	15.0
L19100E 7975N	<2	15.0
L19100E 7950N	6	15.0
L19100E 7925N	<2	15.0
L19100E 7900N	<2	15.0
L19100E 7875N	3	15.0
L19100E 7850N	<2	15.0
L19100E 7825N	<2	7.5
STANDARD OxF41	812	15.0

Sample type: SOIL_SS80_60C. Samples beginning 'RE' are Returns and 'RRR' are Reject Returns.



ACME ANALYTICAL



ACME ANALYTICAL

SAMPLE#	Au** ppb	Sample gm
G-1	<2	15
L19100E 7800N	4	15
L19150E 8400N	4	15
L19150E 8375N	7	15
L19150E 8350N	5	15
L19150E 8325N	4	15
L19150E 8300N	<2	15
L19150E 8275N	3	15
L19150E 8250N	3	15
L19150E 8225N	<2	15
L19150E 8200N	4	15
RE L19150E 8200N	4	15
L19150E 8175N	8	15
L19150E 8150N	4	15
L19150E 8125N	7	15
L19150E 8100N	5	15
L19150E 8075N	4	15
L19150E 8050N	<2	15
L19150E 8025N	11	15
L19150E 8000N	5	15
L19150E 7975N	5	15
L19150E 7950N	5	15
L19150E 7925N	6	15
L19150E 7900N	3	15
L19150E 7875N	3	15
L19150E 7850N	6	15
L19150E 7825N	9	15
L19150E 7800N	8	15
L19200E 8400N	6	15
L19200E 8375N	2	15
L19200E 8350N	22	15
L19200E 8325N	2	15
L19200E 8300N	<2	15
L19200E 8275N	1	15
L19200E 8250N	3	15
STANDARD OxF41	820	15

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRR' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G 1	<2	30
L19200E 8225N	2	30
L19200E 8200N	<2	30
L19200E 8175N	2	30
L19200E 8150N	2	30
L19200E 8125N	<2	30
L19200E 8100N	<2	30
L19200E 8075N	<2	30
L19200E 8050N	3	30
L19200E 8025N	<2	30
L19200E 8000N	4	30
RE L19200E 8000N	7	15
L19200E 7975N	<2	15
L19200E 7950N	<2	30
L19200E 7925N	<2	30
L19200E 7900N	4	30
L19200E 7875N	<2	30
L19200E 7850N	<2	30
L19200E 7825N	10	30
L19200E 7800N	2	30
STANDARD OxF41	799	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Tangueray Resources Ltd. PROJECT Nicoaman File # A605763 Page 1

310-505 8th Ave S.W., Calgary AB T2P 1G2 Submitted by: Phillip Mudry

SAMPLE#	Mo	Cu	Pt	Zn	Ag	Ni	Co	Mo	Fe	As	U	Au	Th	Sr	Cr	Sh	Ba	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Fe	K	Hg	Sc	Tl	S	Ge	Se	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
B 1	2	2.4	3.5	50	<1	4.7	4.8	608	2.18	<5	3.7	.7	4.8	73	<1	<1	1	42	61	0.86	9	7	64	219	144	2	1.18	110	57	1	<91	2.5	4	<05	6	<5
19250E 8400N	4	37.3	7.4	60	<1	63.6	23.0	408	3.91	2.8	7	3.9	1.8	86	1	1	1	86	39	0.79	6	47	1.39	317	214	<1	4.98	0.36	0.7	<1	0.3	5.7	1	<05	11	<5
19250F 0275N	5	24.9	6.5	63	<1	68.4	25.8	654	4.09	1.2	5	<5	1.6	67	1	1	1	87	39	1.65	5	51	1.47	91	264	<1	3.69	0.36	0.5	<1	0.2	5.1	<1	<05	9	<5
RE 19250E 8375N	4	24.8	6.3	65	<1	60.1	25.3	649	4.11	1.2	5	1.4	1.5	65	1	1	<1	80	40	1.45	5	49	1.40	92	264	<1	3.53	0.32	0.6	<1	0.3	5.1	<1	<05	9	<5
19250E 8350N	3	20.6	6.6	56	<1	69.1	21.2	353	3.92	.8	6	1.1	1.8	78	1	1	1	78	42	1.25	6	44	1.21	125	250	<1	4.53	0.39	0.4	<1	0.2	6.3	<1	<05	10	<5
19250E 8320N	5	26.5	4.6	53	<1	69.9	23.5	464	4.27	.5	7	1.1	1.9	123	1	<1	<1	84	66	0.46	13	40	2.36	57	270	<1	3.33	0.56	0.5	<1	0.2	9.2	<1	<05	8	<5
19250E 8330N	2	25.8	7.2	81	<1	63.8	22.8	416	4.11	1.3	7	1.7	2.1	109	1	1	1	76	52	0.91	8	47	1.23	185	174	<1	6.57	0.37	0.12	<1	0.3	8.1	<1	<05	13	<5
19250E 8275N	2	24.4	7.3	56	<1	56.4	24.2	371	4.18	.7	7	.8	2.2	164	<1	<1	1	82	61	0.35	5	50	1.82	225	171	<1	3.95	0.36	0.8	<1	0.3	8.1	<1	<05	13	<5
19250F 0250N	4	25.5	3.2	42	<1	58.8	32.9	309	4.55	1.1	3	<5	1.0	110	1	1	<1	61	59	0.55	7	42	2.62	103	0.67	<1	5.95	0.40	0.7	<1	0.2	5.3	<1	<05	9	<5
19250E 8225N	7	26.2	7.2	55	<1	77.8	37.2	604	4.37	.8	4	1.9	1.2	165	<1	<1	<1	70	1.24	0.53	8	53	3.52	69	0.63	<1	3.61	0.51	0.7	<1	0.1	8.9	<1	<05	8	<5
19250E 8620N	3	22.8	3.9	55	<1	46.2	19.5	531	3.60	1.0	7	.5	2.1	121	<1	1	1	99	95	0.69	11	53	1.77	82	140	<1	3.35	0.117	0.4	<1	0.1	9.0	<1	<05	7	<5
19250F 0175N	4	18.7	5.6	53	<1	37.5	14.8	279	3.07	1.6	5	.7	1.6	73	1	1	1	74	35	1.04	4	30	77	149	121	<1	4.30	0.27	0.6	<1	0.3	4.4	<1	<05	11	<5
19250E 8150N	4	19.0	7.6	66	<1	40.4	13.0	273	3.03	3.0	6	1.2	1.7	55	1	2	1	66	34	1.34	4	34	62	180	127	<1	5.47	0.19	0.9	<1	0.4	4.0	<1	<05	12	<5
19250E 8125A	3	19.9	5.9	56	<1	36.0	14.5	397	3.23	2.1	5	<5	1.2	55	1	1	1	81	28	1.55	5	38	65	125	1.57	<1	4.48	0.25	1.1	1	0.1	4.7	<1	<05	11	<5
19250E 8100A	5	22.2	5.8	73	<1	39.7	15.2	224	3.21	3.4	6	1.3	2.1	38	1	2	1	66	28	1.69	5	38	.60	120	117	<1	4.98	0.21	0.13	<1	0.4	5.7	<1	<05	10	<5
19250E 8075A	5	26.8	6.6	57	<1	42.0	15.1	229	3.26	4.2	8	1.1	2.2	61	<1	2	1	67	28	1.57	6	36	.72	173	119	<1	5.62	0.23	0.12	<1	0.3	6.1	<1	<05	12	<5
19250E 8050A	4	21.1	5.9	57	<1	35.9	15.2	285	3.42	2.5	5	.6	1.5	56	<1	2	1	83	25	0.92	5	38	.51	135	110	1	3.77	0.20	0.10	<1	0.1	4.6	<1	<05	9	<5
19250E 8025A	2	13.3	6.3	43	<1	21.6	8.3	313	1.89	3.1	6	<5	1.1	56	<1	1	1	51	35	0.23	7	24	.45	155	119	<1	2.24	0.28	0.4	<1	0.1	3.6	<1	<05	6	<5
19250E 8000A	4	21.3	5.2	58	<1	34.6	16.2	372	2.92	5.1	.6	5.0	1.0	91	<1	2	1	73	46	0.63	6	33	.80	323	1.35	<1	2.90	0.35	0.8	<1	0.2	3.8	<1	<05	9	<5
19250E 7975A	3	34.2	5.4	41	<1	34.7	13.7	467	2.70	24.5	2.4	<5	1.6	87	1	4	1	70	64	0.17	12	34	.91	372	1.30	<1	2.48	0.41	0.05	1	0.2	7.3	<1	<05	7	<5
19250E 7950A	4	43.7	5.3	40	1	35.0	15.9	581	2.98	64.8	4.9	1.2	1.7	93	1	5	1	84	79	0.26	12	34	.06	443	1.15	<1	2.54	0.40	0.06	1	0.3	7.9	<1	<05	7	<5
19250E 7925A	4	22.4	2.7	38	1	19.4	10.1	482	2.36	45.6	1.6	<5	4	121	1	7	<1	62	99	0.50	13	21	.67	266	0.38	<1	2.12	0.26	0.05	1	0.4	3.3	<1	<05	6	<5
19250E 7900A	4	34.6	4.9	78	3	35.0	16.9	700	3.18	12.1	.7	<5	.8	73	2	3	1	76	50	0.82	6	32	.83	307	1.04	1	2.95	0.21	0.12	<1	0.3	3.8	<1	<05	9	<5
19250F 7875A	5	25.6	4.2	62	<1	40.8	17.5	390	3.48	6.7	.5	<5	.9	70	<1	7	1	85	30	0.87	5	37	.98	358	1.25	3	4.69	0.24	0.08	<1	0.3	4.1	<1	<05	11	<5
19250E 7850A	6	18.5	4.9	61	1	28.5	12.8	277	2.71	5.2	4	1.9	.7	44	1	3	1	68	25	1.19	4	28	.57	107	0.97	<1	3.26	0.15	0.10	<1	0.3	3.0	<1	<05	9	<5
19250E 7825A	5	15.8	5.0	88	1	25.5	11.3	287	2.62	5.3	.5	<5	1.1	37	1	3	1	65	27	0.81	4	24	.51	161	1.20	1	3.26	0.13	0.07	1	0.4	3.1	<1	<05	9	<5
19250F 7800A	7	15.3	2.0	69	1	17.7	10.7	469	2.12	6.7	.5	<5	2	97	1	4	<1	49	1.16	0.62	3	16	.51	199	0.41	1	3.92	0.10	0.16	<1	0.7	1.7	<1	<05	11	<5
19300E 8400N	3	21.7	7.2	61	<1	48.6	16.6	409	3.13	1.1	.6	<5	1.4	72	1	1	1	71	40	0.64	5	37	1.15	117	247	1	3.17	0.34	0.06	<1	0.2	5.3	<1	<05	8	<5
19300E 8375N	3	21.8	7.0	62	<1	51.2	16.6	463	3.28	6	.7	.5	1.6	86	1	1	1	82	43	0.30	5	39	1.16	144	285	<1	2.81	0.42	0.06	<1	0.1	6.4	<1	<05	7	<5
19300E 8350N	5	27.9	5.1	55	<1	59.1	19.5	598	3.84	1.0	.8	<5	1.9	104	1	<1	1	91	60	0.83	12	52	1.89	67	276	2	2.67	0.43	0.06	<1	0.1	10.8	<1	<05	7	<5
19300E 8325N	5	29.9	4.5	59	<1	56.4	19.7	429	3.83	6	0	<5	1.7	109	1	<1	<1	98	54	0.56	11	55	1.55	75	274	1	2.81	0.46	0.05	<1	0.1	10.3	<1	<05	7	<5
19300E 8300N	2	23.8	5.9	55	<1	55.1	18.4	443	3.03	.5	.5	.8	1.5	64	1	1	1	66	41	1.63	7	40	1.23	77	190	2	3.66	0.32	0.36	<1	0.2	3.9	<1	<05	9	<5
19300E 8275N	2	25.8	5.7	57	<1	64.4	22.6	356	3.57	.8	.6	.6	1.7	113	1	<1	1	77	49	0.60	8	51	1.54	126	230	3	5.01	0.43	0.36	<1	0.2	7.5	<1	<05	11	<5
19300E 8250N	4	24.6	6.2	67	<1	57.5	22.3	510	3.43	.9	.5	2.0	1.5	91	<1	<1	1	105	42	0.68	5	58	1.41	137	302	1	5.21									



SAMPLE#	Mo	Cu	Pb	Zn	Mn	Ni	Co	Mg	Fe	As	J	Al	Th	Sr	Sc	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	AT	Na	K	W	Ig	Se	Y	S	Ga	Ge	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
G-1	3	3.0	3.4	47	<1	4.2	4.3	596	1.97	<5	2.9	5	4.9	77	1	<1	1	37	59	.067	10	6	.56	219	.129	2	.98	.091	.51	2<	.31	2.0	3<	.05	5	<5	
L19300E 8200N	5	27.2	4.9	52	<1	4.3	19.5	630	3.56	6.9	6	5.6	1.8	149	1	1.4	1	99	93	.084	12	43	1.56	157	.125	2	2.97	.054	.08	1	.34	7.6	1<	.05	7	<5	
L19300E 8175N	5	41.2	4.8	54	<1	5.3	19.3	426	3.91	4.1	5	2.0	1.6	140	1	1.2	1	92	46	.086	10	53	1.69	253	.117	2	5.31	.036	.07	<1	.32	6.8	<1<	.05	12	<5	
L19300E 8150N	3	17.3	7.4	55	<1	2.5	11.2	434	2.94	1.1	7	1.0	1.9	96	1	1	1	82	.51	.025	4	36	.67	147	.207	1	3.14	.059	.05	<1	.91	4.6	<1<	.05	8	<5	
L19300E 8125N	2	13.2	6.6	45	<1	2.3	9	252	2.51	1.2	6	<5	1.0	70	1	1	1	64	.39	.033	6	35	.65	130	.140	3	2.62	.030	.06	<1	.91	3.4	<1<	.05	7	<5	
L19300E 8100N	5	21.4	5.3	75	<1	4.2	16.7	264	3.65	2.2	5	5	1.3	30	1	1	1	74	25	.159	3	40	.75	136	.125	2	5.17	.026	.07	<1	.92	4.0	<1<	.05	12	<5	
L19300E 8075N	4	19.3	5.1	53	<1	3.7	13.1	259	3.04	2.5	4	8	1.0	72	<1	1	1	75	41	.075	4	36	.84	140	.132	2	3.73	.034	.05	<1	.92	3.3	<1<	.05	5	.5	
L19300E 8050N	4	19.5	5.9	53	<1	3.3	12.5	346	2.74	3.4	6	1.3	1.1	83	<1	2	1	67	52	.053	7	33	.85	130	.130	1	2.62	.041	.06	<1	.92	4.3	<1<	.05	7	.6	
L19300E 8025N	4	25.5	5.7	63	<1	3.8	13.7	347	3.05	5.4	7	1.2	1.0	91	1	1	1	67	60	.111	12	35	.77	237	.110	1	3.12	.033	.07	1	.92	4.9	<1<	.05	9	.6	
RE L19300E 8025N	4	23.4	5.5	58	<1	3.6	12.0	330	2.77	5.0	7	4.9	1.0	85	1	1.2	1	66	57	.108	11	33	.78	186	.104	2	2.97	.031	.07	<1	.93	4.6	<1<	.05	8	.5	
L19300E 8000N	4	20.7	5.7	80	<1	31.9	14.0	520	2.95	3.0	4	6	1.0	54	1	2	1	69	.37	.174	6	33	.69	254	.116	2	3.10	.026	.09	1	.93	3.6	<1<	.05	5	<5	
L19300E 7975N	4	32.7	5.4	52	<1	34.3	14.0	368	3.09	32.9	1.9	1.3	1.3	93	1	1.3	1	85	.61	.035	8	30	.95	339	.127	1	2.68	.038	.07	<1	.92	4.9	<1<	.05	6	.7	
L19300E 7950N	4	40.5	5.7	49	2	30.3	15.6	557	3.45	75.5	4.4	1.0	1.4	113	1	1.5	1	97	.85	.027	13	36	.95	402	.093	<1	2.84	.040	.05	1	.92	6.5	<1<	.05	8	.7	
L19300E 7925N	9	36.4	3.6	32	2	20.5	20.4	1442	3.78	171	9	6.1	<5	126	1	1.9	1	150	1.22	.084	21	24	.68	378	.052	2	2.01	.038	.05	1	.96	4.7	1	.06	5	.9	
L19300E 7900N	5	124.8	4.5	47	6	30.9	14.0	739	2.89	52.5	3.6	6	7	121	2	1.3	1	130	1.03	.063	35	30	.69	379	.056	1	2.43	.023	.06	<1	.99	5.7	<1<	.05	6	.6	
L19300E 7875N	4	79.4	5.2	35	6	27.8	11.0	253	2.72	87.9	12.2	9	6	101	1	1.0	1	60	1.19	.058	34	26	.71	509	.045	<1	2.78	.019	.04	1	.95	4.9	<1<	.05	8	1.0	
L19300E 7850N	7	22.5	7.8	106	3	27.3	11.7	344	2.73	6.7	4	<5	1.5	65	1	1.3	1	52	.30	.176	4	27	.51	170	.088	1	2.69	.016	.08	1	.94	2.1	<1<	.05	10	.5	
L19300E 7825N	6	19.5	4.8	65	1	33.2	13.5	365	2.94	8.0	4	5	6	93	1	1.6	1	67	.48	.145	5	29	.73	243	.091	1	3.45	.020	.11	<1	.93	2.6	<1<	.05	9	.5	
L19300E 7800N	3	7.9	7.3	47	2	4.5	3.2	244	1.09	1.1	2	<5	1.6	64	1	1	1	34	.19	.063	3	8	.29	251	.130	<1	.74	.031	.05	<1	.92	9	<1<	.05	7	.6	
L19350E 8400N	1.2	23.6	7.2	52	<1	38.9	11.1	211	2.74	28.6	4	3.6	1.1	44	1	1.3	1	56	.24	.107	5	33	.49	151	.104	2	3.25	.019	.06	<1	.93	3.1	<1<	.05	10	<5	
L19350E 8375N	5	28.4	8.0	78	<1	51.9	16.2	330	3.47	3.0	6	5	1.6	49	1	1	1	70	.33	.190	5	39	.84	144	.172	1	4.06	.028	.07	<1	.92	4.2	<1<	.05	11	<5	
L19350E 8350N	4	20.5	6.2	60	<1	51.0	17.0	435	3.42	1.8	7	9	1.1	61	1	1	1	73	.42	.140	5	41	1.01	120	.159	<1	3.36	.021	.05	<1	.91	3.7	<1<	.05	8	.5	
L19350E 8325N	3	16.4	5.2	37	<1	38.8	12.5	394	2.71	3.9	1.7	7	1.4	73	<1	1	1	64	53	.036	8	37	1.05	73	.140	1	1.93	.045	.05	<1	.92	6.7	<1<	.05	5	.5	
L19350E 8300N	4	21.1	4.1	38	<1	47.5	17.8	214	2.89	2.4	1.4	1.4	1.4	74	1	1	<1	92	.59	.059	11	41	1.34	77	.183	1	1.91	.053	.05	<1	.91	7.3	<1<	.05	5	<5	
L19350E 8275N	5	19.3	5.9	60	<1	58.3	19.6	498	3.31	1.1	5	6	1.5	44	1	<1	1	65	.39	.194	6	40	1.00	92	.192	1	3.06	.031	.06	<1	.92	4.6	<1<	.05	8	.6	
L19350E 8250N	3	27.6	5.0	56	<1	65.0	23.0	423	4.02	1.3	5	<5	1.8	228	<1	1	1	75	57	.059	7	48	1.69	283	.214	<1	3.95	.030	.13	<1	.92	7.0	<1<	.05	9	<5	
L19350E 8225N	4	18.5	6.6	68	<1	54.5	19.0	445	3.27	1.3	5	1.9	1.2	68	1	<1	1	64	.21	.114	4	44	1.16	146	.189	<1	4.32	.030	.05	<1	.91	3.9	<1<	.05	12	<5	
L19350E 8200N	2	27.5	5.9	55	<1	66.8	24.5	496	4.05	1.3	5	1.4	1.23	<1	1	1	1	80	.48	.078	5	51	1.87	204	.194	1	5.13	.032	.11	<1	.92	5.9	<1<	.05	11	<5	
L19350E 8175N	6	21.4	5.7	60	<1	40.5	14.0	252	3.24	10.7	4	4.8	1.1	70	<1	1	1	69	.30	.127	5	37	.72	168	.082	1	3.72	.021	.08	<1	.93	3.2	<1<	.05	9	<5	
L19250E 8150N	4	23.5	6.8	76	<1	42.1	12.6	258	2.80	5.8	5	1.7	1.4	67	1	2	1	64	53	.158	6	35	.67	153	.119	1	4.47	.024	.07	<1	.92	4.6	<1<	.05	12	.7	
L19350E 8125N	5	26.1	4.4	61	<1	53.5	19.6	635	3.55	3.2	7	1.9	2.0	120	1	2	<1	89	.78	.086	13	47	1.85	79	.283	2	2.55	.060	.07	1	.91	7.7	<1<	.05	6	<5	
L19350E 8100N	6	19.9	5.0	63	<1	39.5	12.1	257	2.87	8.4	4	2.7	1.0	83	1	4	1	68	.40	.114	4	35	.65	124	.107	<1	3.15	.024	.09	<1	.92	3.6	<1<	.05	8	.5	
L19250E 8075N	5	15.8	6.6	55	<1	27.1	10.7	256	2.72	7.5	6	4.8	9	84	<1	5	1	64	.37	.047	6	33	.66	123	.128	<1	2.33	.026	.05	<1	.92	3.3	<1<	.05	6	.5	
L19350E 8050N	4	18.1	4.8	51	<1	31.7	11.8	293	2.75	7.9	6	2.5	1.0	101	<1	4	1	71	.46	.056	6	25	.84	162	.141	<1	2.55	.041	.09	<1	.92	4.1	<1<	.05	6	.6	
L19350E 8025N	4	32.9	4.7	40	1	35.9	13.0	391	3.05	21.6	2.7	8	1.5	99	1	3	1	74	.74	.031	13	41	1.11	329	.120	<1	2.80	.046	.05	<1	.93	8.9	<1<	.05	7	<5	
STANDARD DS7	20.4	106.8	69.8	413	19																																



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	C	K	Hg	Se	Li	S	Ga	Ge	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
19350E 8000N	3	1.8	3.4	47	<1	3.6	4.3	589	2.00	5	2.6	<5	4.3	65	<1	<1	1	40	.57	.031	8	7	07	230	134	2	1.05	0.92	.59	.1	<.01	2.1	.3	<.05	6	<.5	
19350E 7975N	5	22.0	4.2	55	<1	36.4	15.9	429	3.50	8.7	4	4.2	1.0	118	1	1	1	50	.52	.087	5	40	.96	268	126	2	3.57	0.39	.19	<.1	.02	4.1	.1	.12	8	<.5	
19350E 7950N	9	27.3	4.5	57	<1	43.4	17.7	594	3.53	15.1	8	8.8	1.7	160	1	7	1	83	.82	.195	12	36	1.45	145	124	2	2.64	0.40	.15	<.1	.03	1.3	.1	.10	7	<.5	
19350E 7925N	6	19.1	5.1	80	1	31.3	11.9	273	2.67	4.8	4	3.3	1.0	43	1	2	1	55	.25	.184	4	29	.68	145	107	3	3.69	0.23	.07	<.1	.04	3.3	<.1	<.05	8	<.5	
19350E 7900N	4	21.2	5.7	75	<.1	38.9	14.0	248	2.79	4.9	7	1.7	.9	87	1	2	1	59	.54	.092	5	34	.81	253	103	1	3.53	0.26	.08	<.1	.03	3.9	<.1	<.05	9	<.5	
19350E 7875N	7	21.9	5.2	89	<.1	34.9	14.1	344	3.22	9.6	4	2.3	.9	79	1	5	1	67	.54	.145	5	37	.75	252	117	3	3.17	0.26	.08	<.1	.04	3.3	<.1	<.05	8	<.5	
19350E 7850N	5	22.4	6.3	47	1	26.2	10.8	384	2.59	13.7	1.4	1.6	.8	92	1	3	1	65	.55	.037	10	20	.50	213	130	1	2.67	0.39	.05	<.1	.02	4.0	<.1	<.05	7	<.5	
19350E 7825N	5	21.1	4.5	66	1	27.6	12.5	402	2.78	4.9	5	1.1	.6	75	1	2	1	65	.49	.149	4	28	.78	260	099	2	3.04	0.24	.12	<.1	.03	3.1	<.1	<.05	8	<.5	
19350E 7800N	7	15.5	5.8	64	2	21.6	9.4	265	2.57	4.9	4	3.3	.9	25	1	2	1	63	.17	.192	3	27	.41	162	121	2	2.92	0.14	.09	1	.04	3.0	<.1	<.05	9	<.5	
19350E 7775N	5	19.9	5.2	102	3	23.3	11.8	415	3.13	4.5	5	<.5	.7	72	1	4	1	73	.37	.126	3	25	.65	236	093	<1	3.17	0.11	.10	<.1	.02	3.1	<.1	<.05	13	<.5	
19400E 8400N	1.7	31.3	3.7	62	<.1	38.7	16.0	598	3.57	27.7	6	1.7	1.7	126	1	1.3	1	87	.77	.115	10	41	1.30	125	107	3	2.16	0.74	.08	<.1	.03	6.6	1	<.05	6	<.5	
19400E 8375N	1.0	25.9	3.2	43	<.1	37.4	14.0	482	3.09	15.1	8	9.6	1.6	127	1	1.8	1	78	.82	.094	11	43	1.07	105	119	6	1.60	0.83	.07	2	.02	7.4	1	<.05	5	<.5	
19400E 8350N	5	21.8	5.6	61	<.1	39.9	12.4	404	2.62	3.1	4	1.9	1.1	51	<.1	1	1	55	.33	.243	4	30	.74	100	125	3	2.88	0.22	.07	<.1	.02	4.1	<.1	<.05	7	<.5	
RE 19400E 8325N	6	19.5	5.9	64	1	39.2	12.5	370	2.70	3.2	4	<.5	1.1	49	1	1	1	55	.36	.220	4	32	.75	95	123	1	3.03	0.22	.07	<.1	.01	3.8	<.1	<.05	8	<.5	
19400E 8325N	5	21.5	4.7	50	<.1	63.1	21.6	551	4.10	1.4	6	.9	1.6	96	1	1	<.1	71	.50	.100	8	46	1.54	103	177	1	3.50	0.38	.09	<.1	.01	8.7	<.1	<.05	7	<.5	
19400E 8300N	3	20.0	5.3	47	<.1	41.4	15.5	440	3.33	2.0	8	2.6	1.2	107	1	1	1	87	.59	.021	5	44	1.21	156	230	2	2.48	0.45	.06	<.1	.01	4.0	1	<.05	7	<.5	
19400E 8275N	1.7	26.2	4.7	49	<.1	58.5	23.5	470	3.75	2.3	5	1.7	1.3	102	1	1	1	83	.66	.064	4	47	1.63	109	205	2	3.31	0.40	.06	<.1	.01	5.2	<.1	<.05	8	<.5	
19400E 8250N	4	22.4	5.7	62	<.1	59.2	19.8	429	3.25	1.3	6	1.4	1.8	80	<.1	<.1	1	59	.38	.153	6	42	1.23	149	201	2	3.90	0.31	.17	<.1	.02	7.9	<.1	<.05	9	<.5	
19400E 8225N	3	30.5	4.5	55	<.1	72.4	23.1	551	4.28	1.1	9	.7	2.1	125	1	<.1	<.1	89	.63	.057	13	55	2.01	89	239	<1	2.96	0.43	.10	1	.01	15.4	<.1	<.05	7	<.5	
19400E 8200N	5	21.5	6.7	101	<.1	30.3	12.7	640	2.72	5.2	5	.5	.9	49	1	2	1	61	.36	.132	10	31	.56	100	121	<1	3.05	0.23	.06	<.1	.01	3.9	<.1	<.05	10	<.5	
19400E 8175N	6	17.7	5.5	56	<.1	31.0	11.3	337	2.85	5.7	5	3.6	1.0	98	1	.3	1	64	.56	.056	7	37	.83	101	147	2	2.46	0.41	.07	<.1	.01	4.0	1	<.05	6	<.5	
19400E 8150N	4	14.9	5.8	54	<.1	28.5	9.0	288	2.23	6.7	5	2.8	.7	79	<.1	4	1	47	.45	.030	5	27	.65	113	116	1	2.26	0.35	.06	<.1	.02	2.5	<.1	<.05	6	<.5	
19400E 8125N	6	23.2	5.2	68	<.1	45.3	15.2	458	3.42	8.6	5	2.1	1.3	94	1	4	1	68	.44	.162	6	37	.96	157	124	3	3.35	0.33	.06	<.1	.02	4.6	<.1	<.05	8	<.5	
19400E 8100N	5	21.8	5.4	56	<.1	52.2	18.0	290	3.53	4.9	5	.9	1.2	89	<.1	1	<.1	79	.56	.122	4	50	1.22	143	180	2	3.81	0.34	.08	<.1	.02	3.6	<.1	<.05	9	<.5	
19400E 8075N	6	26.6	4.9	51	<.1	51.8	19.5	613	3.65	4.2	7	2.1	1.9	92	1	1	<.1	85	.89	.105	13	42	1.88	80	214	1	1.94	0.52	.06	<.1	.01	6.2	<.1	<.05	6	<.5	
19400E 8050N	4	27.1	3.6	51	<.1	49.0	15.5	401	3.35	7.5	6	1.7	1.1	124	1	.3	<.1	82	.55	.059	6	40	1.04	356	139	2	3.32	0.39	.09	<.1	.01	4.3	<.1	<.05	8	<.5	
19400E 8025N	1.7	24.0	4.4	38	<.1	37.7	19.7	755	3.45	29.9	9	5.4	1.2	138	1	.6	1	96	.84	.050	9	41	1.14	209	191	1	2.31	0.47	.06	<.1	.02	5.6	<.1	<.05	7	<.5	
19400E 8000N	1.0	25.6	4.7	63	<.1	43.7	14.8	459	3.24	9.7	6	1.4	1.1	112	1	4	1	80	.60	.078	7	29	.95	158	113	2	2.88	0.40	.07	<.1	.01	4.2	<.1	<.05	6	<.5	
19400E 7975N	1.4	22.9	4.8	44	<.1	45.3	15.9	513	3.10	9.5	5	3.4	1.1	68	<.1	4	<.1	72	.48	.097	6	35	1.07	74	127	2	2.67	0.34	.07	<.1	.02	3.1	<.1	<.05	7	<.5	
19400E 7950N	1.1	20.2	5.2	57	<.1	34.8	14.0	464	3.26	16.4	5	1.4	1.3	55	1	.6	1	70	.25	.133	6	35	.66	131	089	2	3.75	0.21	.07	<.1	.03	4.0	<.1	<.05	10	<.5	
19400E 7925N	1.3	19.3	5.6	64	<.1	42.8	14.9	337	3.01	15.4	5	2.0	1.5	65	1	.5	1	61	.20	.152	4	31	.80	153	081	2	4.32	0.27	.09	<.1	.03	3.3	<.1	<.05	10	<.5	
19400E 7900N	9	28.1	5.1	56	<.1	44.9	19.5	588	3.52	19.4	1.0	6.8	1.5	136	1	.7	1	82	.93	.085	11	39	1.66	156	099	2	2.85	0.55	.11	<.1	.02	7.0	1	<.05	8	<.5	
19400E 7875N	1.0	29.8	4.2	52	<.1	45.5	20.0	772	3.48	31.0	8	12.2	1.9	139	1	.9	1	74	.87	.092	12	40	1.39	150	091	1	2.37	0.54	.10	1	.04	7.3	1	<.05	7	<.5	
19400E 7850N	5	23.3	5.0	41	<.1	35.1	14.0	405	2.93	8.5	1.1	2.0	1.5	119	1	.3	1	67	.62	.046	8	37	1.05	197	146	1	2.15	0.46	.07	<.1	.02	4.8	<.1	<.05	7	<.5	
19400E 7825N	5	57.1	5.5	36	.7	32.9	10.3	273	2.73	13.9	3.6	.9	.4	119	.3	.4	1	66	1.30	.055	16	32	.65	556	081	1	2.71										



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Hr	Fe	As	U	Au	In	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Mn	K	W	Hg	Sc	Li	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
19450E 7000N	3	2.4	3.7	49	<1	4.6	4.5	552	2.21	<5	3.2	<5	4.5	74	<1	<1	.1	41	.59	.083	19	9	.66	231	147	<1	1.19	.108	.57	.2	<.01	2.2	.4	<.05	6	<.5
19450E 8400N	7	25.1	5.6	66	.3	25.5	11.5	371	3.03	9.1	.6	2.4	.5	56	1	.4	.1	72	.37	.064	4	31	.56	253	101	1	2.75	.019	.06	.1	.03	2.6	<.1	<.05	10	<.5
19450E 8375N	2	17.3	4.2	33	<1	26.3	9.2	327	2.41	1.9	.6	3.5	1.2	104	1	2	1	61	51	.016	6	38	.69	63	156	1	1.63	.071	.05	<.1	.01	4.6	<.1	<.05	5	<.5
19450E 8350N	5	21.6	5.4	78	<1	47.2	16.0	306	3.41	3.9	.4	1.7	1.4	84	<1	.1	.1	83	.39	.195	5	53	.71	143	167	1	3.45	.032	.08	<.1	.02	3.8	.1	<.05	10	<.5
19450E 8325N	5	31.9	4.4	54	<1	51.2	13.1	582	3.56	5.5	1.0	2.6	1.5	135	1	.2	.1	94	.77	.071	12	51	1.27	140	180	3	2.43	.072	.07	<.1	.02	7.6	.1	<.05	7	<.5
19450E 8300N	4	19.4	5.7	66	<1	46.9	13.7	269	3.08	4.4	.5	1.1	.9	66	<1	.1	.1	65	.39	.180	4	41	.75	100	147	<1	3.34	.034	.06	<.1	.02	3.8	<.1	<.05	9	<.5
19450E 8275N	3	18.9	6.3	55	<1	37.9	12.9	341	2.94	4.7	.7	2.3	1.2	93	1	.2	.1	62	.42	.037	5	36	.97	139	193	<1	2.64	.040	.08	<.1	.02	4.8	<.1	<.05	7	<.5
19450E 8250N	5	13.6	4.5	57	<1	33.3	11.9	389	3.12	11.5	1.6	3.5	1.5	114	<1	.6	.1	78	.50	.036	7	42	.93	176	151	<1	2.65	.040	.07	<.1	.01	5.0	<.1	<.05	6	<.5
19450E 8225N	1.0	25.0	5.2	84	<1	43.7	16.6	288	3.32	12.6	.5	2.5	1.2	70	1	.5	.1	79	.33	.217	4	36	.66	175	101	2	3.78	.025	.06	<.1	.02	4.0	<.1	<.05	10	<.5
19450E 8200N	3	15.5	5.4	46	<1	32.7	12.1	334	2.78	3.7	.9	1.9	1.5	82	1	.3	.1	67	.57	.028	5	40	1.04	72	155	1	2.64	.057	.05	<.1	.02	7.2	.1	<.05	6	<.5
19450E 8175N	4	27.7	4.5	57	<1	77.4	39.1	685	4.24	3.9	.7	2.0	2.3	275	1	.2	<.1	73	.95	.059	11	41	2.65	117	149	1	2.52	.037	.15	<.1	.01	9.9	.1	<.05	8	<.5
19450E 8150N	8	25.8	5.5	69	<1	47.3	13.7	400	3.48	7.3	.6	2.9	1.4	93	1	.4	.1	70	.47	.147	8	38	1.11	123	127	2	3.52	.032	.07	<.1	.02	4.9	<.1	<.05	10	<.5
19450E 8125N	4	28.5	4.1	45	<1	36.7	12.8	441	3.02	15.2	1.9	1.8	.9	94	1	.4	.1	73	.66	.042	15	37	.93	247	189	1	2.51	.041	.07	<.1	.02	7.9	<.1	<.05	7	<.5
19450E 8100N	4	24.8	5.7	47	<1	41.3	14.7	348	3.04	7.1	.9	2.0	1.1	83	1	.3	.1	75	.56	.051	8	40	1.10	98	136	2	2.34	.040	.07	<.1	.01	5.5	<.1	<.05	7	<.5
19450E 8075N	1.0	17.3	4.9	61	<1	26.4	11.7	391	2.64	17.4	.5	8.5	1.0	87	1	.8	.1	61	.41	.131	7	30	.68	115	078	2	2.58	.027	.07	1	.03	3.5	<.1	<.05	7	<.5
19450E 8050N	9	19.2	5.1	81	<1	31.5	13.1	273	2.84	14.4	.4	3.2	1.0	77	1	.6	.1	65	.41	.162	4	34	.60	182	096	2	3.00	.028	.05	<.1	.01	3.1	<.1	<.05	8	<.5
19450E 8025N	6	18.3	5.0	56	<1	24.2	19.0	309	2.30	9.0	.8	2.9	.9	70	1	.4	.1	54	.40	.048	5	28	.65	52	095	2	1.86	.039	.04	<.1	.02	3.8	<.1	<.05	6	<.5
19450E 8000N	10	31.6	4.7	49	<1	39.4	15.4	962	2.96	14.5	.9	4.8	1.0	113	1	.6	.1	83	.82	.050	10	38	.99	125	087	1	2.36	.040	.08	1	.02	6.7	<.1	<.05	7	<.5
19450E 7975N	9	21.4	4.9	49	<1	35.9	14.9	490	2.30	13.2	.6	5.5	1.0	116	1	.6	1	71	.63	.109	10	36	.96	122	096	1	2.14	.035	.10	<.1	.03	4.4	<.1	<.05	5	<.5
19450E 7950N	9	23.2	5.0	53	<1	33.5	13.8	446	3.33	17.5	.7	5.2	.8	113	1	.7	.1	78	.68	.054	11	36	.87	149	092	2	2.42	.039	.09	<.1	.02	5.9	<.1	<.05	7	<.5
19450E 7925N	4	18.7	5.6	64	<1	26.4	10.4	491	2.35	10.2	1.0	2.9	1.0	101	<1	.4	.1	61	.50	.032	12	28	.58	141	094	2	2.20	.032	.06	<.1	.02	4.7	<.1	<.05	6	<.6
19450E 7900N	7	14.5	6.0	60	<1	26.5	10.9	259	2.82	10.1	.5	2.7	.7	70	1	.5	.1	65	.41	.046	5	32	.56	159	100	2	2.24	.028	.09	<.1	.01	2.8	<.1	<.05	7	<.5
19450E 7875N	7	20.2	6.1	66	<1	30.8	11.8	350	2.32	11.8	.9	3.0	.9	98	1	.6	1	65	.55	.036	9	37	.76	161	102	1	2.46	.030	.07	<.1	.02	4.2	<.1	<.05	7	<.5
19450E 7850N	9	20.4	5.8	57	<1	28.9	12.8	426	2.85	11.5	1.2	5.3	.6	84	1	.6	.1	69	.60	.032	9	32	.71	266	099	2	2.06	.033	.08	<.1	.02	3.9	<.1	<.05	7	<.5
19450E 7825N	9	45.5	6.9	69	<1	32.2	14.3	520	2.73	24.1	2.1	2.6	1.1	100	2	.6	.1	78	1.08	.119	18	31	.82	313	077	5	2.46	.045	.29	.1	.02	5.0	<.1	<.05	8	<.5
19450E 7800N	5	77.9	4.9	47	2	32.4	13.7	454	3.09	17.3	5.3	1.5	1.4	135	1	.6	1	83	.03	.042	20	40	.84	403	110	1	2.33	.039	.07	<.1	.05	7.0	.1	<.05	8	<.5
19450E 8400N	4	24.8	4.1	48	<1	36.6	13.1	408	3.12	5.5	.7	5.9	1.4	126	<1	.3	<.1	77	.67	.052	10	43	1.00	111	140	1	2.01	.075	.06	<.1	.01	6.0	<.1	<.05	5	<.5
RE 11950E 8400N	4	22.7	3.9	51	<1	35.0	13.0	394	3.98	5.5	.7	3.9	1.4	122	1	.4	1	72	.70	.049	9	42	.98	102	137	1	1.94	.078	.06	<.1	.02	6.2	<.1	<.05	5	<.7
19450E 8375N	7	26.5	4.9	57	<1	41.2	16.0	530	3.37	11.1	.7	11.6	1.6	170	1	.7	.1	86	.76	.103	14	40	1.13	143	192	4	1.94	.077	.08	<.1	.01	6.2	.1	<.05	6	<.5
19450E 8350N	6	26.0	3.3	52	<1	45.2	18.2	633	3.74	4.4	.5	1.4	1.6	147	1	.2	1	102	.79	.095	13	55	1.01	162	146	2	1.87	.068	.06	<.1	.01	6.1	<.1	<.05	5	<.5
19450E 8325N	5	19.9	4.1	49	<1	38.9	13.2	373	2.94	4.6	.5	1.7	1.1	109	1	.2	<.1	72	.54	.033	7	45	.93	112	152	1	2.02	.054	.06	<.1	.01	5.4	<.1	<.05	6	<.5
19450E 8300N	3	22.1	5.8	62	<1	40.0	13.7	351	3.00	4.6	.9	1.5	1.2	88	2	.3	.1	61	.54	.033	9	37	.95	115	145	1	2.09	.040	.06	<.1	.02	6.0	<.1	<.05	7	<.5
19450E 8275N	4	16.4	4.2	52	<1	29.6	10.1	238	2.59	3.7	.6	2.1	1.0	97	1	.5	1	58	.53	.055	6	33	.75	85	133	2	1.78	.061	.05	<.1	.01	4.9	<.1	<.05	5	<.5
19450E 8250N	4	23.6	4.5	51	<1	30.2	11.6	375	2.45	8.9	1.3	1.6	1.3	97	1	.4	.1	59	.72	.040	13	35	.93	91	098	1	2.21	.045	.06	.1	.04	7.6	.1	<.05	6	<.5
STANDARD 057	21.3	107.1	71.3	409	9	55.7	9.6	634	2.38	49.7	5.3	75.4	4.6	76	5.4	5.6	4.5	86	.98	.079	14	167	1.07	375	125	40	.97	.075	.46	3.8	.20	2.6	4.3	.22	5	3.1

Sample type: SOIL SSB3 60C. Samples beginning "RE" are Returns and "RRE" are Reject Returns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	VI	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	C	H	Hg	Se	Li	S	Ga	Ge
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
B-1	3	2.5	3.3	45	<1	3.4	3.9	537	1.93	.5	2.6	.5	4.2	70	<1	<1	.1	36	54	.073	9	7	.50	208	.126	<1	.99	.104	.52	.2	<.01	2.1	.3	<.05	6	<.5
1950CE 8225N	.4	15.6	5.2	55	<1	23.7	9.3	245	2.65	7.3	6	6.7	1.1	34	.1	.3	.1	47	54	.035	9	33	72	92	.117	<1	1.74	.654	.65	<1	.02	4.0	<1	<.05	5	<.5
1950CE 8200N	.7	23.3	5.4	69	<1	35.2	12.6	289	2.95	13.6	7	4.8	1.1	85	.1	.6	.1	61	52	.112	8	38	80	156	.089	<1	2.61	.631	.69	<1	.03	5.1	<1	<.05	8	<.5
1950CE 8175N	.5	31.0	5.0	48	<1	39.6	13.4	450	2.97	12.1	1.6	1.9	1.3	100	.1	.4	.1	72	72	.047	14	40	1.26	115	.116	<1	2.64	.652	.65	<1	.03	9.2	<1	<.05	7	<.5
1950CF 8150N	.6	22.3	5.1	62	<1	31.9	13.1	326	2.83	15.2	.5	2.6	1.0	70	.1	.6	.1	55	54	.112	6	34	.52	262	.085	2	2.85	.625	.12	<1	.02	3.5	<1	<.05	8	<.5
1950CE 8125N	.9	28.3	4.4	50	<1	40.4	15.4	503	2.12	20.9	1.1	6.2	.9	116	.2	.6	.1	66	94	.066	13	35	1.37	125	.080	<1	2.32	.643	.69	.1	.03	5.8	.1	<.05	6	<.5
1950CE 8100N	1.0	17.6	4.5	46	<1	25.7	10.7	406	2.45	20.7	.8	10.2	1.2	125	.1	.9	.1	53	68	.038	9	31	.86	114	.091	<1	2.07	.653	.68	<1	.03	5.8	.1	<.05	5	<.5
1950CE 8075N	.6	11.5	5.0	36	<1	21.4	8.6	223	2.23	12.1	.4	0.3	.9	87	<1	.5	.1	51	37	.030	4	25	.57	166	.106	<1	2.18	.643	.65	<1	.02	2.9	<1	<.05	5	<.5
1950CE 8050N	.8	14.0	5.1	63	<1	24.7	10.1	216	2.47	14.6	.4	5.0	.7	65	<1	.4	.1	51	29	.121	4	29	.53	124	.081	<1	2.91	.629	.65	<1	.03	2.8	<1	<.05	8	<.5
RE 1950CE 8050N	.9	13.0	5.4	62	<1	24.0	10.2	217	2.58	12.7	.4	1.6	.8	65	.1	.5	.1	54	31	.156	4	30	.61	124	.075	<1	3.46	.633	.65	<1	.03	2.7	<1	<.05	8	<.5
1950CE 8025N	.8	16.2	4.8	47	<1	26.7	9.8	224	2.60	15.7	.5	3.5	1.1	113	.1	1.0	.1	64	51	.074	7	37	.69	143	.116	<1	2.27	.645	.67	<1	.02	4.0	<1	<.05	6	<.5
1950CE 8000N	1.0	26.9	4.8	44	<1	35.1	12.6	684	2.68	18.4	1.9	3.7	1.3	107	.1	.8	.1	56	77	.042	16	35	.91	122	.075	<1	2.67	.639	.67	<1	.03	8.3	.1	<.05	7	<.5
1950CE 7575N	1.1	19.5	4.8	53	<1	28.4	10.6	297	2.52	12.9	.5	2.9	.8	74	.1	.7	.1	55	38	.132	6	29	.55	166	.073	<1	2.64	.681	.67	.1	.03	3.1	<1	<.05	7	<.5
1950CF 7550N	.8	13.6	6.0	30	<1	19.9	7.1	170	2.60	12.5	.4	2.0	.9	64	.1	.5	.1	46	33	.112	7	25	.37	168	.078	<1	2.24	.622	.66	<1	.03	3.0	<1	<.05	8	<.5
1950CE 7525N	1.2	24.1	4.9	42	<1	33.1	13.4	443	2.94	15.1	1.0	4.3	1.0	107	.1	1.0	.1	76	90	.048	5	38	.87	253	.091	<1	2.36	.637	.12	.1	.03	5.9	.1	<.05	6	<.5
1950CE 7500N	1.1	22.5	3.9	46	<1	29.7	12.2	400	2.14	21.3	.5	11.7	1.6	149	<1	1.1	.1	85	58	.062	12	41	.92	120	.195	2	2.26	.647	.66	<1	.02	5.5	.1	<.05	6	<.5
1950CE 7075N	1.0	22.0	4.1	51	<1	36.5	13.5	641	2.98	22.6	.6	10.8	1.3	188	.2	1.1	.1	80	76	.103	13	35	.95	144	.190	3	2.82	.655	.11	<1	.03	5.1	.1	<.05	5	<.5
1950CF 7050N	7	20.0	4.6	44	<1	27.1	11.4	374	2.47	13.1	.7	4.3	.7	88	<1	.5	.1	58	42	.043	8	29	.64	163	.038	1	2.00	.633	.67	<1	.02	3.4	<1	<.35	5	<.5
1950CE 7025N	.8	16.7	4.8	51	<1	27.3	11.3	225	2.90	14.2	.5	8.2	1.1	64	.1	.5	.1	71	27	.119	6	33	.57	131	.090	2	4.16	.622	.66	<1	.03	3.6	<1	<.35	5	<.5
1950CE 7000N	.9	19.6	4.4	46	<1	33.3	11.8	307	2.81	14.7	.5	5.3	.7	101	.1	.9	.1	71	43	.051	5	34	.71	249	.096	2	2.75	.651	.09	<1	.02	3.4	.1	<.35	7	<.5
1950CE 8400N	.4	16.2	4.8	64	<1	33.0	11.8	200	2.56	6.6	.5	3.0	.9	55	.1	.3	.1	60	36	.167	4	32	.57	151	.137	2	2.05	.631	.65	<1	.02	3.2	<1	<.35	8	<.5
1950CF 0175N	.6	19.5	3.0	43	<1	43.5	13.3	265	2.91	5.1	.4	2.0	.9	96	.1	.4	.1	61	42	.163	4	38	.65	226	.115	2	2.89	.635	.69	<1	.02	3.4	<1	<.05	7	<.5
1950CE 8350N	.6	31.3	3.3	49	<1	41.6	14.9	559	3.23	7.7	6	5.2	1.5	142	.1	.5	.1	89	73	.096	13	46	1.11	125	.134	5	2.09	.685	.67	<1	.03	5.8	<1	<.05	6	<.5
1950CE 8325N	.6	27.5	3.4	48	<1	42.9	15.8	577	3.29	6.2	.6	1.7	1.6	139	.1	.4	.1	91	71	.097	12	49	1.09	116	.141	2	2.25	.669	.68	<1	.02	6.2	<1	<.05	6	<.5
1950CE 8300N	.5	27.5	3.4	38	<1	29.3	12.9	412	2.80	27.8	1.8	2.6	1.1	116	.1	.6	.1	66	85	.046	12	30	.90	282	.083	2	2.25	.634	.66	<1	.03	6.7	<1	<.05	7	<.5
1950CE 8275N	.7	21.3	4.0	56	<1	31.4	12.4	341	2.06	11.0	.4	1.4	1.0	69	.1	.4	.1	72	41	.169	5	34	.57	153	.155	<1	3.13	.623	.68	<1	.03	3.2	<1	<.05	9	<.5
1950CE 8250N	.8	20.2	6.5	62	<1	34.7	12.4	229	2.61	9.5	.7	2.7	1.4	34	.1	.3	.1	56	23	.232	6	27	.39	143	.113	3	3.69	.619	.67	<1	.04	3.4	<1	<.05	9	<.5
1950CE 8225N	.9	19.2	5.8	61	<1	33.9	11.0	230	2.51	10.4	.5	5.1	1.2	52	.1	.3	.1	53	26	.162	5	33	.49	147	.103	2	3.18	.622	.66	<1	.02	3.5	.1	<.05	10	<.5
1950CF 01300N	.9	20.5	4.5	62	<1	36.2	14.0	295	3.16	15.3	.4	2.1	1.2	73	.1	.7	.1	78	31	.119	5	39	.60	171	.109	1	3.53	.623	.68	<1	.03	4.0	<1	<.05	9	<.5
1950CE 8175N	.7	18.2	5.3	39	<1	29.3	11.0	295	2.57	14.0	1.1	3.8	1.3	53	.1	.7	.1	61	52	.036	8	35	.83	171	.108	1	2.50	.646	.65	<1	.01	4.6	<1	<.05	6	<.5
1950CE 8150N	1.2	20.9	5.4	82	<1	41.0	13.7	202	3.26	22.4	.6	3.7	1.4	36	.1	.6	.1	69	16	.249	6	41	.52	144	.071	3	4.73	.614	.68	.1	.05	4.7	.1	<.05	12	<.5
1950CF 0125N	1.1	21.6	4.4	62	<1	32.9	13.7	344	3.04	23.8	.4	5.8	1.2	102	.1	.9	.1	79	37	.111	7	40	.69	154	.069	1	2.82	.628	.66	<1	.02	4.2	.1	<.05	8	<.5
1950CE 8130N	1.0	22.7	5.0	70	<1	41.1	15.0	322	3.24	14.5	.5	2.9	1.1	84	.1	.6	.1	78	38	.180	4	39	.85	258	.109	<1	3.65	.625	.67	<1	.02	3.8	.1	<.05	9	<.5
1950CE 8075N	.6	22.0	5.7	81	<1	41.9	15.3	377	3.32	11.0	.6	1.5	1.1	64	.1	.4	.1	66	40	.169	5	33	.98	155	.115	1	3.46	.622	.11	<1	.02	4.5	<1	<.05	10	<.5
1950CE 8050N	.8	20.4	5.0	56	<1	35.8	15.8	385	3.59	12.4	.8	1.5	.9	94	.1	.5	.1	86	54	.098	7	37	1.15	176	.120	<1	3.03	.630	.69	.1	.04	4.6	<1	<.07	8	<.5
STANDARD DS7																																				



SAMPLE#	As	Cd	Co	Cr	Pb	Ag	Ni	Cu	Mn	Fe	As	U	Al	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Yb	Co	Th	B	Al	Mg	K	W	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
61	4	2.3	3.3	50	<1	4.1	4.6	507	2.14	<5	2.8	.9	4.7	75	<1	<1	.1	42	.64	.086	9	8	.63	212	.146	1	1.20	.102	.51	1	<.01	2.3	.4	<.05	6	<.5	
19550E 8025N	.8	29.2	4.9	73	<1	46.2	18.6	700	3.68	12.1	1.0	5.2	1.4	113	<1	.5	<.1	104	.82	.092	12	42	1.43	131	.162	1	2.99	.045	.10	<.1	.02	7.3	1	<.05	6	<.5	
19550F 8000N	6	23.1	4.5	49	<1	43.8	17.1	506	3.25	11.4	.9	3.7	1.4	110	.1	.5	.1	85	.72	.055	8	36	1.26	152	.152	1	2.99	.044	.07	<.1	.02	5.5	1	<.05	6	<.5	
19550E 7975N	.8	22.7	3.9	55	<1	39.9	17.7	435	3.37	14.2	.7	5.3	1.2	105	.1	.7	.1	85	.53	.073	8	34	1.19	210	.105	1	2.34	.031	.07	<.1	.02	5.6	<.1	<.05	7	<.5	
19550E 7950N	.7	20.4	5.1	52	<1	34.2	13.2	420	3.07	11.6	.4	2.5	1.1	86	<1	.5	.1	76	.26	.104	4	41	.61	151	.119	1	3.43	.028	.05	<.1	.01	3.7	1	<.05	9	<.5	
19550F 7925N	5	28.3	3.7	63	<1	64.0	28.3	741	4.14	3.6	.6	3.0	1.6	138	.1	.2	<.1	98	1.02	.082	11	50	2.40	73	.144	<1	2.52	.039	.09	<.1	.01	6.0	<.1	.06	7	<.5	
19550E 7900N	.8	31.6	4.5	60	<1	79.4	29.5	753	4.41	2.0	.4	2.9	1.4	68	<1	1	<.1	109	.52	.096	4	57	2.32	87	.306	<1	4.11	.031	.05	<.1	.02	6.0	<.1	.09	10	<.5	
19550E 7875N	1.1	18.2	5.0	51	<1	27.7	11.2	223	3.36	13.5	.4	55.1	.9	44	.1	.5	.1	78	.20	.133	4	33	.43	110	.101	1	2.59	.018	.05	<.1	.02	2.9	<.1	<.05	9	<.5	
19550F 7850N	1.1	22.7	4.2	52	<1	36.5	14.0	347	3.26	15.9	.5	5.9	1.1	88	.1	.8	.1	82	.33	.099	5	43	.73	170	.099	1	3.44	.025	.07	<.1	.02	3.9	<.1	<.05	8	<.5	
19550E 7825N	9	15.5	5.4	47	<1	27.3	10.4	198	2.73	12.5	.6	3.3	.9	59	.1	.5	.1	65	.30	.117	4	30	.47	125	.085	<1	3.39	.010	.07	<.1	.03	3.1	<.1	<.05	8	<.5	
19550E 7800N	1.3	19.2	4.7	52	<1	33.2	13.0	249	3.36	19.7	.5	3.6	1.0	51	.1	.7	.1	74	.25	.137	4	34	.56	135	.082	<1	2.86	.019	.06	<.1	.04	3.5	<.1	<.05	9	<.5	
19560F 8400N	.4	23.9	4.3	67	<1	43.8	15.3	331	3.25	2.8	.4	2.7	1.5	81	.1	.1	.1	75	.33	.139	5	47	.77	141	.154	<1	3.86	.034	.06	<.1	.03	4.4	<.1	<.05	8	<.5	
19560E 8375N	4	28.0	3.1	51	<1	41.6	15.2	437	3.33	3.1	.4	1.7	1.6	137	.1	.2	<.1	97	.00	.094	10	50	1.05	85	.147	<1	2.05	.037	.08	<.1	.01	5.8	<.1	<.05	5	<.5	
19560E 8350N	.4	25.6	3.7	52	<1	39.7	16.0	419	3.26	2.7	.4	1.3	1.5	98	.1	.2	.1	84	.43	.133	7	48	.81	111	.151	<1	2.96	.035	.06	<.1	.01	4.7	1	<.05	7	<.5	
19560E 8325N	6	22.7	4.7	59	<1	38.3	12.9	406	2.98	7.6	.4	2.3	1.1	99	<1	.4	.1	74	.41	.094	6	42	.69	148	.121	<1	2.84	.026	.07	<.1	.02	4.0	<.1	<.05	8	<.5	
19560F 8300N	5	30.4	3.2	52	<1	44.3	17.0	645	3.47	5.5	.6	2.1	1.7	149	.1	.3	.1	99	.06	.093	13	50	1.06	160	.151	2	2.94	.030	.07	<.1	.01	6.8	<.1	<.05	5	<.5	
19560E 8275N	6	28.0	3.4	54	<1	42.9	15.3	617	3.38	5.9	.5	2.6	1.6	139	.1	.4	<.1	90	.77	.092	12	53	1.02	164	.151	1	2.00	.037	.07	<.1	.02	5.6	<.1	<.05	6	<.5	
19560E 8250N	5	24.3	3.7	46	<1	36.4	14.6	332	3.34	7.4	.4	2.2	1.4	136	<1	.5	<.1	89	.51	.099	6	45	.83	160	.141	2	2.42	.056	.05	<.1	.02	5.6	1	<.05	6	<.5	
19560E 8225N	6	12.8	4.9	36	<1	23.6	10.6	195	2.36	9.6	.4	2.4	.9	77	<1	.3	.1	52	.31	.052	4	29	.52	139	.117	<1	2.69	.030	.05	<.1	<.01	2.9	<.1	<.05	6	<.5	
19560F 8200N	5	24.7	2.0	47	<1	34.7	12.2	386	3.25	4.6	.4	1.8	1.4	152	.1	.3	<.1	98	.73	.070	13	54	.71	101	.149	1	1.54	.093	.05	.2	.01	6.3	<.1	<.05	4	<.5	
RE 19560E 8200N	5	23.3	2.5	45	<1	32.4	12.1	381	3.16	4.2	.4	2.8	1.3	160	<1	.3	<.1	100	.75	.055	13	55	.74	97	.158	<1	1.60	.080	.05	<.1	.02	6.4	<.1	<.05	4	<.5	
19560E 8175N	9	17.7	5.6	54	<1	32.8	12.4	290	2.78	14.6	.4	2.0	.7	71	.1	.5	.1	68	.36	.104	3	34	.62	223	.112	1	2.92	.026	.06	<.1	.02	3.0	<.1	<.05	3	<.5	
19560E 8150N	7	21.3	5.9	67	<1	41.9	13.9	257	2.96	14.0	.9	1.9	.8	82	.1	.5	.4	81	.62	.056	11	34	.79	161	.103	2	3.41	.026	.05	<.1	.03	4.8	<.1	<.05	9	<.5	
19560F 8125N	6	23.9	6.2	50	<1	33.2	12.5	357	2.83	9.6	1.0	1.1	1.3	83	.1	.4	.1	81	.62	.059	9	34	.85	130	.131	1	2.34	.029	.07	<.1	.02	5.2	<.1	<.05	7	<.5	
19560E 8100N	7	28.5	6.3	27	.2	29.3	9.6	447	2.16	14.0	1.9	.9	.7	64	.1	.2	.1	90	.66	.036	11	20	.70	70	.091	1	2.19	.041	.03	.1	.04	7.1	<.1	<.05	6	<.5	
19560E 8075N	5	21.4	4.9	50	<1	46.5	16.0	378	3.47	8.9	.6	.9	1.1	115	.1	.4	.1	105	.54	.044	5	47	1.18	151	.160	1	3.72	.022	.07	<.1	.01	5.5	<.1	<.05	3	<.5	
19560F 8050N	7	16.8	6.4	69	<1	40.2	14.8	396	2.93	3.7	.3	<.5	.9	39	<1	.2	.1	63	.31	.145	3	36	.93	77	.124	<1	3.16	.020	.05	<.1	.03	2.7	<.1	.05	9	<.5	
19560E 8025N	1.0	21.2	4.0	54	<1	31.4	11.6	271	2.50	11.9	.4	3.0	1.1	57	.1	.7	.1	75	.33	.116	4	34	.60	145	.099	1	3.40	.016	.09	<.1	.04	3.2	<.1	<.05	8	<.5	
19560E 9000N	5	20.3	6.5	73	<1	33.9	13.8	325	3.08	7.7	.5	1.5	1.0	59	.1	.3	.1	75	.55	.126	5	30	.74	132	.113	1	3.42	.022	.05	<.1	.03	4.1	<.1	<.05	8	<.5	
19560E 7975N	5	36.5	5.6	75	.3	46.9	18.8	1083	3.44	7.8	.9	1.2	1.1	83	.2	.3	.1	102	.90	.043	11	38	1.05	112	.125	1	3.01	.022	.04	<.1	.03	8.3	1	<.05	9	<.5	
19560E 7950N	5	31.9	4.0	52	<1	45.1	17.6	479	3.31	5.4	.6	1.9	1.4	206	.1	.3	.1	77	.91	.102	13	39	1.40	165	.192	2	3.76	.057	.10	<.1	.03	7.5	1	.06	8	<.5	
19560E 7925N	3	30.9	3.9	64	<1	52.2	23.0	645	4.33	3.6	.6	1.2	1.6	125	.1	.2	.1	102	.94	.116	11	46	2.10	92	.130	2	2.83	.065	.10	<.1	.01	9.9	<.1	<.05	7	<.5	
19560E 7900N	3	27.3	4.7	53	<1	43.1	20.0	316	3.68	2.2	.6	<.5	2.0	252	.1	.1	.1	78	.54	.075	10	35	1.40	244	.115	<1	5.23	.031	.11	<.1	.02	9.2	1	<.05	10	<.5	
19560F 7875N	2	24.9	4.4	56	<1	34.1	17.9	495	3.05	2.0	.3	.7	.9	303	.1	.1	.1	61	.66	.151	4	27	1.23	201	.068	1	3.71	.046	.08	<.1	.01	4.5	<.1	<.05	9	<.5	
19560E 7850N	6	51.9	4.6	55	<1	72.8	30.5	673	4.56	12.2	.5	.9	.7	104	.1	.2	.1	97	.62	.057	3	30	1.61	122	.132	3	5.20	.033									



SAMPLE#	Hg	Cu	Pb	Zn	Ag	Mn	Co	Ni	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	F	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
S-1	.3	2.5	3.0	43	<.1	3.7	4.4	552	2.07	<.5	2.9	.7	4.3	69	<.1	<.1	.1	.39	.56	.076	6	7	.59	209	134	<1	1.04	.095	.49	.1	<.01	2.0	.3	<.05	5	<.5
L19650E 7E25N	.4	36.4	2.2	62	<.1	46.9	26.0	484	4.52	2.6	.5	1.4	.8	276	.1	.2	<.1	102	1.24	.147	14	37	2.39	239	100	1	3.45	.044	.11	<.1	.02	6.4	<.1	<.05	7	<.5
L19650E 7890R	9	22.3	4.7	52	.1	37.8	15.6	373	3.47	12.4	.5	3.7	.9	81	.1	.5	.1	77	.33	.117	8	36	.92	110	.094	<1	4.05	.027	.05	<.1	.02	4.2	<.1	<.05	7	<.5
L19650F 0490N	.3	23.6	3.7	50	<.1	41.3	14.3	417	3.26	2.2	2.5	2.0	1.7	146	.1	.3	.1	70	.75	.051	9	45	1.06	150	.177	<1	1.99	.055	.09	<.1	.01	7.0	<.1	<.05	5	<.5
L19650E 8375N	.4	28.3	4.4	54	<.1	48.4	15.1	457	3.22	4.3	1.3	2.0	1.4	137	.2	.3	.1	81	1.12	.054	15	48	1.12	107	.135	2	2.25	.053	.05	<.1	.02	7.7	<.1	<.05	5	<.5
L19650E 8350R	.4	20.2	4.8	53	<.1	34.2	11.4	260	2.69	4.3	.8	.6	1.2	106	.1	.3	.1	63	.54	.042	7	38	.83	115	.125	1	2.47	.053	.05	<.1	.02	4.4	<.1	<.05	5	<.5
L19650F 01375N	.4	19.3	6.0	57	<.1	31.9	11.2	473	2.57	3.2	.8	1.1	1.1	111	.1	.3	.1	69	.73	.050	8	35	.80	84	.117	3	2.01	.051	.06	<.1	.02	5.0	<.1	<.05	4	<.5
L19650E 8300R	.4	23.5	3.4	49	<.1	40.4	15.6	504	3.16	7.3	.8	3.9	1.6	151	1	.3	<.1	88	.87	.086	10	47	1.08	103	.136	1	1.82	.094	.06	.1	.01	6.6	<.1	<.05	5	<.5
L19650E 8275N	.3	18.8	6.3	43	<.1	31.8	10.0	359	2.19	3.7	.8	<.5	.6	110	.1	.2	.1	51	.95	.032	9	32	.75	73	.099	7	1.87	.055	.04	<.1	.03	4.0	<.1	<.05	4	<.5
L19650E 8250R	.3	21.5	5.8	53	<.1	27.1	9.0	405	2.12	3.4	1.1	<.5	.8	75	.1	.2	.1	54	.53	.034	8	32	.54	85	.113	2	1.92	.040	.06	<.1	.03	4.7	.1	<.05	4	<.5
L19650E 8225N	.6	22.3	5.2	66	<.1	38.9	14.1	246	3.13	5.7	.5	1.3	1.6	62	.1	.4	.1	72	.33	.190	5	39	.62	132	.120	2	3.71	.025	.06	<.1	.02	4.1	<.1	<.05	6	<.5
RE L19650E 8225N	.7	22.3	5.1	63	<.1	40.5	15.1	253	3.31	8.2	.5	2.1	1.4	60	.1	.5	.1	71	.22	.196	5	42	.62	138	.122	<1	4.04	.025	.05	<.1	.03	4.0	<.1	<.05	6	<.5
L19650E 8200R	.5	20.4	4.4	50	<.1	34.7	13.6	347	3.16	5.8	.5	1.4	1.1	106	<.1	.4	.1	86	.53	.035	5	45	.78	137	.156	1	2.33	.054	.05	<.1	.01	4.3	<.1	<.05	5	<.5
L19650F 8175N	.4	27.3	5.1	77	<.1	62.4	26.9	633	4.16	7.9	.5	1.1	.8	01	.1	.1	.1	85	.57	.167	5	44	2.50	30	.123	1	4.17	.029	.07	<.1	.03	6.6	<.1	<.05	9	<.5
L19650E 8150R	.3	18.7	6.0	75	<.1	58.5	21.7	575	3.97	1.0	.4	.5	1.4	89	.2	1	.1	78	.49	.131	4	49	1.25	116	.214	2	3.92	.027	.10	<.1	.01	5.9	<.1	<.05	9	<.5
L19650E 8125N	.3	21.3	6.0	70	<.1	65.9	23.1	938	4.31	.7	.4	.6	1.2	101	.1	.1	.1	75	.46	.141	5	55	1.66	145	.158	1	3.49	.025	.09	<.1	.02	5.6	<.1	<.05	8	<.5
L19650F 0100N	.4	23.2	6.2	71	<.1	62.7	20.5	789	3.94	1.6	.5	.6	1.3	59	.1	<.1	.1	82	.53	.147	6	47	1.32	91	.226	1	3.17	.027	.00	<.1	.03	5.5	<.1	<.05	7	<.5
L19650E 8075R	.4	21.7	5.5	67	.1	44.4	14.8	331	3.26	6.3	.5	1.6	1.0	66	.1	.2	.1	81	.40	.160	4	40	.74	117	.117	<1	3.78	.032	.06	<.1	.03	4.2	<.1	<.05	6	<.5
L19650E 8050R	.5	20.6	5.2	76	.3	49.4	17.8	472	3.40	3.5	.5	.9	1.2	50	.1	.2	.1	72	.35	.170	4	43	.99	112	.150	1	3.83	.027	.08	<.1	.04	5.6	<.1	<.05	8	<.5
L19650E 8025R	.2	32.2	4.2	34	<.1	55.6	19.0	289	3.64	2.1	.5	<.5	1.4	205	<.1	.1	<.1	55	.53	.057	11	32	1.68	155	.069	5	4.30	.027	.18	<.1	.02	10.3	.1	<.05	7	<.5
L19650F 8000R	.3	26.0	5.5	74	.3	48.5	19.4	372	3.80	4.5	.7	1.3	1.4	86	.1	.1	.1	92	.83	.125	5	48	1.30	95	.142	1	4.54	.057	.04	<.1	.03	6.4	<.1	<.05	9	<.5
L19650E 7975R	.5	20.5	5.3	67	<.1	53.6	12.5	347	2.74	6.4	.5	1.6	.6	104	.1	.3	.1	76	.84	.093	6	34	.73	106	.098	1	2.35	.037	.07	.1	.05	3.9	.1	<.05	6	<.5
L19650E 7950R	.3	31.1	4.4	62	<.1	47.9	22.3	715	3.97	1.4	.7	1.3	1.8	156	<.1	.1	<.1	104	1.10	.092	11	46	1.79	84	.176	3	2.72	.105	.14	<.1	.01	10.3	<.1	<.05	6	<.5
L19650E 7925R	.3	28.3	4.6	64	<.1	46.6	23.3	751	3.73	1.2	.5	1.9	1.8	158	.1	.1	<.1	96	1.01	.102	12	36	1.78	94	.155	3	2.84	.096	.10	<.1	.01	9.5	<.1	.07	6	<.5
L19650F 7500R	.2	20.1	4.0	53	<.1	53.8	28.4	464	4.05	.6	.7	2.5	1.8	279	<.1	<.1	<.1	94	1.37	.077	10	38	2.15	107	.095	<1	3.42	.211	.09	<.1	<.01	11.1	<.1	<.05	6	<.5
L19650E 7875R	.2	25.9	4.7	67	<.1	36.7	21.9	671	3.36	1.1	.5	<.5	1.2	304	.1	.1	.1	69	.72	.172	6	28	1.33	232	.086	<1	3.41	.049	.12	<.1	.02	6.2	<.1	<.05	8	<.5
L19650E 7850R	.3	30.9	4.2	55	<.1	48.4	22.3	505	3.29	3.3	.5	.9	1.1	237	.1	.2	.1	63	.90	.094	9	36	1.66	126	.087	1	2.55	.068	.12	<.1	.02	8.3	<.1	<.05	7	<.5
L19650E 7825N	.5	27.2	4.5	59	<.1	43.2	18.6	401	3.72	7.6	.5	2.8	1.7	158	.1	.4	.1	94	.53	.058	10	44	1.14	156	.135	1	3.83	.034	.08	<.1	.03	7.5	.1	<.05	8	<.5
L19650E 7800R	.4	21.6	5.6	54	<.1	37.7	15.2	262	3.01	3.3	.5	.8	1.0	69	.1	.1	.1	66	.33	.109	5	31	.76	154	.124	1	4.76	.030	.06	<.1	.03	4.0	<.1	.08	10	<.5
STANDARD DS7	20.6	137.5	69.7	408	.9	54.8	9.5	623	2.40	48.2	4.9	55.1	4.5	74	6.3	5.7	4.5	84	.94	.081	13	170	1.04	373	124	40	1.00	.074	.44	3.7	.20	2.5	4.3	.22	5	3.8

Sample type SOL SS80 GOC Samples beginning 'RF' are Returns and 'RRF' are Reject Returns.



GEOCHEM. PRECIOUS METALS ANALYSIS



Tanqueray Resources Ltd. PROJECT Nicoaman File # A605763 Page 1

310 505 8th Ave S.W., Calgary AB T2P 1G2 Submitted by: Phillip Mudry

SAMPLE#	Au** ppb	Sample gm
G 1	6	30
L19250E 8400N	<2	30
L19250E 8375N	<2	30
RE L19250E 8375N	<2	5
L19250E 8350N	3	30
L19250E 8325N	4	30
L19250E 8300N	3	30
L19250E 8275N	<2	30
L19250E 8250N	3	15
L19250E 8225N	4	15
L19250E 8200N	<2	30
L19250E 8175N	<2	30
L19250E 8150N	6	30
L19250E 8125N	2	30
L19250E 8100N	<2	30
L19250E 8075N	5	30
L19250E 8050N	<2	30
L19250E 8025N	<2	30
L19250E 8000N	<2	30
L19250E 7975N	2	30
L19250E 7950N	3	30
L19250E 7925N	4	5
L19250E 7900N	<2	30
L19250E 7875N	4	30
L19250E 7850N	2	30
L19250E 7825N	3	30
L19250E 7800N	<2	30
L19300E 8400N	<2	30
L19300E 8375N	<2	30
L19300E 8350N	<2	30
L19300E 8325N	<2	30
L19300E 8300N	<2	30
L19300E 8275N	<2	30
L19300E 8250N	4	30
L19300E 8225N	<2	30
STANDARD Oxf41	811	30

GROUP 3B - FIRE GEOCHEM AU - 30 GM SAMPLE FUSION, CORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
HIGH GRADE GOLD ASSAY RECOMMENDED FOR 50 GM ANALYSIS > 10ppm and 50 GM > 5ppm.
- SAMPLE TYPE: SD:L SS80 60C Samples beginning 'RE' are Returns and 'RRC' are Reject Returns.

10-02-06 P02:06 0J1

Data FA 1 DATE RECEIVED: AUG 31 2006 DATE REPORT MAILED:.....

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.





SAMPLE#	Au** ppb	Sample gm
G-1	<2	15
L19300E 8200N	3	30
L19300E 8175N	<2	30
L19300E 8150N	4	30
L19300E 8125N	7	30
L19300E 8100N	2	30
L19300E 8075N	2	30
L19300E 8050N	<2	30
L19300E 8025N	2	30
RE L19300E 8025N	2	15
L19300E 8000N	3	30
L19300E 7975N	4	30
L19300E 7950N	<2	30
L19300E 7925N	4	15
L19300E 7900N	<2	30
L19300E 7875N	<2	15
L19300E 7850N	2	30
L19300E 7825N	<2	30
L19300E 7800N	<2	30
L19350E 8400N	3	30
L19350E 8375N	<2	30
L19350E 8350N	<2	30
L19350E 8325N	5	30
L19350E 8300N	2	30
L19350E 8275N	<2	30
L19350E 8250N	5	30
L19350E 8225N	4	30
L19350E 8200N	<2	30
L19350E 8175N	2	30
L19350E 8150N	2	30
L19350E 8125N	<2	30
L19350E 8100N	3	30
L19350E 8075N	3	30
L19350E 8050N	6	30
L19350E 8025N	5	30
STANDARD OXF41	799	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	<2	30
L19350E 8000N	3	30
L19350E 7975N	8	30
L19350E 7950N	3	30
L19350E 7925N	3	30
L19350E 7900N	3	30
L19350E 7875N	<2	30
L19350E 7850N	<2	30
L19350E 7825N	<2	30
L19350E 7800N	2	30
L19400E 8400N	16	30
L19400E 8375N	6	30
L19400E 8350N	<2	30
RE L19400E 8350N	<2	15
L19400E 8325N	<2	30
L19400E 8300N	<2	30
L19400E 8275N	<2	30
L19400E 8250N	<2	30
L19400E 8225N	<2	30
L19400E 8200N	3	30
L19400E 8175N	<2	30
L19400E 8150N	3	30
L19400E 8125N	2	30
L19400E 8100N	2	30
L19400E 8075N	<2	30
L19400E 8050N	3	30
L19400E 8025N	6	30
L19400E 8000N	2	30
L19400E 7975N	<2	15
L19400E 7950N	6	30
L19400E 7925N	2	30
L19400E 7900N	7	30
L19400E 7875N	18	15
L19400E 7850N	5	30
L19400E 7825N	<2	30
STANDARD OXF41	805	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au**	Sample
	ppb	gm
G 1	<2	30.0
L19400E 7800N	<2	30.0
L19450E 8400N	3	30.0
L19450E 8375N	<2	30.0
L19450E 8350N	4	30.0
L19450E 8325N	<2	30.0
L19450E 8300N	<2	30.0
L19450E 8275N	<2	30.0
L19450E 8250N	7	30.0
L19450E 8225N	<2	30.0
L19450E 8200N	5	30.0
L19450E 8175N	<2	30.0
L19450E 8150N	6	30.0
L19450E 8125N	3	30.0
L19450E 8100N	<2	30.0
L19450E 8075N	8	30.0
L19450E 8050N	5	30.0
L19450E 8025N	3	30.0
L19450E 8000N	6	30.0
L19450E 7975N	8	30.0
L19450E 7950N	10	30.0
L19450E 7925N	6	30.0
L19450E 7900N	2	30.0
L19450E 7875N	3	30.0
L19450E 7850N	4	30.0
L19450E 7825N	8	30.0
L19450E 7800N	3	30.0
L19500E 8400N	4	15.0
RE L19500E 8400N	13	7.5
L19500E 8375N	6	15.0
L19500E 8350N	<2	7.5
L19500E 8325N	2	30.0
L19500E 8300N	<2	30.0
L19500E 8275N	<2	15.0
L19500E 8250N	10	15.0
STANDARD OxF11	809	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRR' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	<2	30.0
L19500E 8225N	2	30.0
L19500E 8200N	2	30.0
L19500E 8175N	<2	15.0
L19500R 8150N	2	30.0
L19500E 8125N	2	7.5
L19500E 8100N	9	30.0
L19500E 8075N	3	30.0
L19500E 8050N	2	30.0
RE L19500E 8050N	<2	7.5
L19500E 8025N	4	30.0
L19500E 8000N	3	7.5
L19500E 7975N	2	30.0
L19500E 7950N	2	30.0
L19500E 7925N	11	30.0
L19500E 7900N	<2	30.0
L19500E 7875N	5	30.0
L19500E 7850N	2	30.0
L19500E 7825N	3	30.0
L19500E 7800N	4	30.0
L19550E 8400N	3	30.0
L19550E 8375N	<2	30.0
L19550E 8350N	3	30.0
L19550E 8325N	5	30.0
L19550E 8300N	5	30.0
L19550E 8275N	2	30.0
L19550E 8250N	<2	30.0
L19550E 8225N	2	30.0
L19550E 8200N	2	30.0
L19550E 8175N	3	30.0
L19550E 8150N	5	30.0
L19550E 8125N	6	30.0
L19550E 8100N	4	30.0
L19550E 8075N	<2	30.0
L19550E 8050N	2	30.0
STANDARD OXF41	799	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au**	Sample
	ppb	gm
G-1	<2	30.0
L19550E 8025N	<2	15.0
L19550E 8000N	2	30.0
L19550E 7975N	4	30.0
L19550E 7950N	2	30.0
L19550E 7925N	<2	30.0
L19550E 7900N	<2	30.0
L19550E 7875N	<2	30.0
L19550E 7850N	3	30.0
L19550E 7825N	2	30.0
L19550E 7800N	2	30.0
L19600E 8400N	<2	30.0
L19600E 8375N	<2	30.0
L19600E 8350N	3	30.0
L19600E 8325N	<2	30.0
L19600E 8300N	2	30.0
L19600E 8275N	2	30.0
L19600E 8250N	2	30.0
L19600E 8225N	<2	30.0
L19600E 8200N	4	30.0
RE L19600E 8200N	2	30.0
L19600E 8175N	4	30.0
L19600E 8150N	<2	30.0
L19600E 8125N	2	30.0
L19600E 8100N	<2	30.0
L19600E 8075N	<2	30.0
L19600E 8050N	<2	30.0
L19600E 8025N	2	30.0
L19600E 8000N	<2	30.0
L19600E 7975N	<2	15.0
L19600E 7950N	4	30.0
L19600E 7925N	<2	30.0
L19600E 7900N	<2	30.0
L19600E 7875N	<2	30.0
L19600E 7850N	<2	7.5
STANDARD OxF41	802	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRR' are Reject Reruns.



SAMPLE#	Au**	Sample
	ppb	gm
G-1	2	30.0
L19600E 7825N	<2	30.0
L19600E 7800N	16	30.0
L19650E 8400N	<2	30.0
L19650E 8375N	<2	30.0
L19650E 8350N	2	15.0
L19650E 8325N	<2	30.0
L19650E 8300N	2	30.0
L19650E 8275N	<2	15.0
L19650E 8250N	<2	30.0
L19650E 8225N	<2	30.0
RE L19650E 8225N	<2	15.0
L19650E 8200N	3	15.0
L19650E 8175N	<2	30.0
L19650E 8150N	<2	30.0
L19650E 8125N	<2	30.0
L19650E 8100N	<2	30.0
L19650E 8075N	8	30.0
L19650E 8050N	<2	30.0
L19650E 8025N	11	15.0
L19650E 8000N	<2	30.0
L19650E 7975N	<2	5.0
L19650E 7950N	<2	30.0
L19650E 7925N	<2	7.5
L19650E 7900N	<2	30.0
L19650E 7875N	<2	30.0
L19650E 7850N	<2	30.0
L19650E 7825N	<2	30.0
L19650E 7800N	<2	30.0
STANDARD OXF4.1	788	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Tanqueray Resources Ltd. PROJECT Nicocoman File # A606040 Page 1

3005 505 (8th Ave S.W., Calgary AB T2P 1G2 Submitted by: Phillip Muddy

SAMP. #	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	J	Al	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Li	B	Al	Mg	K	Na	Hg	Sc	IT	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
5-1	.1	2.2	3.2	47	<.1	3.2	4.0	535	1.88	<.5	2.9	.5	4.0	65	<.1	<.1	.1	38	.54	.077	8	5	.56	.98	.134	4	1.03	.082	.50	.1	<.01	2.2	.3	<.05	5	<.5
19700E 8400N	.5	11.5	5.5	69	<.1	27.3	10.2	172	2.33	.5	4	<.5	.9	41	<.1	.1	.1	50	.21	.147	4	31	.40	.79	.116	1	2.32	.019	.04	<.1	.02	2.5	<.1	<.05	7	<.5
19700E 8375N	.5	16.5	5.6	65	.1	43.8	13.1	304	2.81	2.6	5	1.7	.9	62	<.1	.1	.1	51	.33	.160	4	38	.60	.76	.133	2	3.09	.019	.09	<.1	.03	3.1	<.1	<.05	9	<.5
19700E 8175N	.7	22.4	5.1	48	<.1	34.5	10.4	357	2.57	1.5	2.2	1.0	1.4	102	<.1	.1	.1	53	.59	.035	13	38	.84	.88	.160	2	2.61	.053	.07	<.1	.03	7.4	<.1	<.05	6	<.5
19700E 8325N	.4	21.3	4.6	47	.1	35.4	11.8	344	2.97	2.3	1.1	.7	1.0	93	.1	.2	.1	78	.68	.026	8	45	.62	.100	.153	3	2.04	.044	.05	<.1	.02	6.0	<.1	<.05	5	<.5
19700E 8300N	.2	15.8	6.0	41	<.1	27.8	9.7	306	2.47	1.4	1.0	.9	1.2	78	.1	.1	.1	60	.59	.021	6	34	.64	.92	.150	4	2.61	.049	.04	<.1	.02	4.3	<.1	<.05	5	<.5
19700E 8275N	.2	14.7	4.6	55	<.1	25.8	11.9	568	2.78	1.5	.8	.8	.8	89	.1	.1	.1	72	.73	.017	5	38	.74	.69	.131	4	1.78	.059	.04	<.1	.02	5.1	<.1	<.05	4	<.5
19700E 8250N	.2	13.2	5.2	53	<.1	27.7	10.2	353	2.11	2.1	.7	1.1	.8	87	<.1	.1	.1	63	.63	.015	4	30	.65	.59	.126	4	1.47	.059	.03	<.1	.02	4.2	<.1	<.05	4	<.5
19700E 8225N	.3	17.5	5.9	38	<.1	41.3	18.4	393	3.25	9.4	1.0	.6	.8	81	.1	.1	.1	129	.55	.016	5	44	1.12	.73	.109	5	2.42	.052	.03	<.1	.01	4.9	<.1	<.05	7	<.5
19700E 8200N	.3	18.3	5.3	65	<.1	53.1	22.1	428	3.63	1.1	.4	<.5	1.1	61	<.1	.1	.1	61	.44	.146	4	50	1.80	.72	.151	1	2.97	.024	.06	<.1	.01	4.9	<.1	<.05	7	<.5
19700E 8175N	.2	24.3	4.5	60	<.1	46.7	19.7	366	3.69	1.1	.6	1.4	1.3	115	.1	<.1	.1	89	.52	.089	6	55	1.37	1.13	.293	1	4.20	.035	.07	<.1	.02	7.3	<.1	<.05	9	<.5
19700E 8150N	.2	22.8	5.0	64	.2	45.1	16.1	352	3.96	1.5	.6	1.4	1.7	79	.1	<.1	.1	63	.36	.099	7	46	.63	.169	.100	2	4.55	.036	.06	<.1	.02	7.3	<.1	<.05	10	<.5
19700E 8125N	.4	21.5	6.0	76	.1	45.7	16.9	373	3.27	2.9	.4	.5	1.2	80	.1	.1	.1	72	.31	.079	5	43	.58	.190	.109	1	4.43	.022	.05	<.1	.02	5.2	<.1	<.05	11	<.5
19700E 8100N	.5	23.1	5.8	87	.1	54.5	16.4	428	3.75	4.5	.5	<.5	1.1	52	.1	<.1	.1	77	.26	.214	3	46	.67	.154	.107	2	4.82	.018	.12	<.1	.03	4.7	.1	<.05	12	<.5
19700E 8075N	.2	31.0	4.5	65	<.1	48.2	18.4	488	3.70	3.2	.6	.6	1.8	167	.1	<.1	.1	85	.94	.096	8	54	.83	.91	.305	1	3.17	.071	.08	<.1	.01	10.5	<.1	<.05	8	<.5
19700E 8050N	.3	19.4	5.4	79	<.1	37.0	14.0	322	3.91	3.4	.4	1.2	.9	69	.1	.1	.1	69	.53	.107	3	36	.68	.133	.107	1	2.86	.026	.09	<.1	.02	4.4	<.1	<.05	7	<.5
19700E 8025N	.4	24.5	4.9	55	<.1	47.3	18.2	325	3.74	3.2	.4	1.0	1.1	82	.1	.1	.1	92	.42	.074	5	46	1.06	.162	.140	1	4.15	.028	.06	<.1	.03	4.9	<.1	<.05	5	<.5
19700E 8000N	.6	20.9	5.4	66	<.1	44.7	18.2	428	4.06	4.9	.4	.9	1.3	98	.1	.2	.1	113	.42	.044	4	48	1.12	.185	.179	1	3.61	.028	.05	<.1	.02	5.0	<.1	<.05	9	<.5
19700E 7975N	.6	27.7	5.6	69	<.1	47.7	17.0	356	3.82	5.9	.4	1.0	1.4	92	.1	.2	.1	93	.34	.117	5	45	.86	.200	.157	<.1	3.74	.022	.06	<.1	.03	4.4	.1	<.05	9	<.5
19700E 7950N	.4	23.4	4.6	64	<.1	56.4	24.7	1199	3.70	2.6	1.3	.5	1.5	125	.1	.1	.1	94	.95	.070	13	43	1.51	.91	.179	1	2.41	.057	.06	<.1	.02	9.1	<.1	<.05	7	<.5
19700E 7925N	.2	32.7	6.3	90	<.1	48.7	23.6	761	3.92	1.7	.7	<.5	1.9	111	.2	<.1	<.1	82	1.01	.125	11	35	1.82	.85	.127	4	2.75	.061	.28	<.1	.02	9.5	<.1	<.05	7	<.5
19700E 7900N	.2	22.4	5.2	67	.1	36.4	17.3	380	3.35	1.3	.6	<.5	1.7	156	<.1	<.1	.1	57	.48	.113	6	26	1.09	.219	.080	<.1	4.51	.043	.07	<.1	.03	5.8	<.1	<.05	10	<.5
19700E 7875N	.5	17.7	6.0	60	<.1	34.1	13.7	223	3.24	4.4	.6	.9	1.2	50	<.1	.1	.1	66	.25	.035	5	34	.76	.141	.138	<.1	4.97	.028	.05	<.1	.03	4.5	<.1	<.05	11	<.5
19700E 7850N	.3	14.2	6.0	45	<.1	28.4	13.0	295	2.77	3.7	1.1	<.5	.8	93	<.1	.1	.1	61	.46	.031	3	32	.65	.155	.153	<.1	2.92	.038	.04	<.1	.01	3.4	<.1	<.05	7	<.5
19700E 7825N	.3	13.7	6.7	43	<.1	24.1	19.5	197	2.61	3.7	1.3	<.5	.8	97	.1	.1	.1	51	.54	.021	4	27	.68	.167	.143	2	2.46	.053	.03	<.1	.01	3.5	<.1	<.05	6	<.5
19700E 7800N	.3	20.6	5.3	56	.1	32.5	15.0	240	3.27	3.3	.7	<.5	1.4	110	.1	<.1	.1	58	.48	.173	4	26	.85	.164	.123	<.1	4.51	.043	.04	<.1	.03	4.7	<.1	<.05	11	<.5
19750E 8400N	.4	25.9	3.7	58	<.1	37.5	15.7	514	3.28	5.6	.7	3.3	1.6	83	<.1	.2	.1	82	.51	.009	8	35	1.06	.116	.128	3	2.36	.022	.07	.1	<.01	6.6	.1	<.05	7	<.5
RF 19750E 8400N	.5	26.6	3.3	63	<.1	38.1	15.6	531	3.33	5.4	.8	2.7	1.7	93	<.1	.2	.1	85	.64	.068	9	35	1.19	.121	.129	2	2.91	.032	.07	<.1	.03	6.7	.1	<.05	7	<.5
19750E 8375N	.3	31.5	3.9	46	<.1	58.5	19.4	405	4.25	2.1	3.4	.5	2.2	145	.1	.1	.1	84	.80	.099	17	59	1.54	.190	.154	<.1	3.34	.039	.08	<.1	.02	10.3	<.1	<.05	8	<.5
19750E 8350N	.6	19.1	6.5	89	<.1	29.1	11.2	362	3.67	.9	1.6	2.4	1.3	88	.1	.2	.3	76	.47	.020	8	49	.61	.171	.158	1	2.15	.037	.07	<.1	.05	5.2	<.1	<.05	5	<.5
19750E 8325N	.6	23.1	8.3	106	.1	37.5	14.3	458	3.17	2.0	.8	.6	1.4	57	.1	.1	.1	73	.40	.053	5	42	.68	.258	.151	1	3.42	.020	.09	<.1	.02	3.6	.1	<.05	8	<.5
19750E 8300N	.5	24.0	6.5	59	<.1	39.6	14.7	379	3.30	3.4	.5	5.5	1.2	55	.1	.1	.1	81	.38	.082	5	41	.77	.220	.169	2	2.90	.024	.08	<.1	.02	3.7	<.1	<.05	8	<.5
19750E 8275N	.6	17.0	6.3	84	.1	32.6	12.1	275	2.62	3.2	.5	<.5	1.4	35	.1	.1	.1	54	.23	.237	4	31	.49	.117	.121	3	3.04	.019	.06	<.1	.03	3.1	<.1	<.05	9	<.5
19750E 8250N	.3	21.7	4.9	56	<.1	17.9	24.8	473	4.09	.9	.8	<.5	1.5	93	<.1	.1	.1	39	.77	.065	8	57	2.51	.59	.165	4	1.91	.036	.07	<.1	.01	10.9	<.1	<.05	6	<.5
19750E 8225N	.4	28.3	4.1	58	<.1	50.7	18.3	459	3																											



SAMPLE#	Pb	Cu	Pb	Zn	As	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	S	Al	Na	K	W	Hg	Sc	Tl	S	Sa	Se	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm		
G-1	1	2	3	46	<1	3.6	4.1	536	1.67	<5	3.8	<5	4.7	64	<1	<1	1	35	54	.077	6	6	58	200	129	1	1	.02	.095	.47	.1	<.01	2.3	.3	<.05	5	<5
19750E 8200N	.4	26.4	3.9	58	<1	54.2	23.4	465	4.32	2.0	.6	<5	1.2	145	.1	<1	<1	95	.63	.061	9	51	1.96	100	.136	<1	2.74	.048	.06	<1	.01	1.2	<1	<.05	7	<5	
19750E 8175N	.4	26.5	5.1	60	<1	48.8	20.0	436	3.45	1.8	.5	<5	1.3	84	.1	<1	.1	73	.44	.094	6	42	1.47	119	.142	1	4.03	.033	.07	<1	.02	6.9	<1	<.05	9	<5	
19750E 8150N	.4	22.7	4.9	71	<1	41.1	16.0	223	3.25	2.7	.6	<5	1.3	41	.1	<1	.1	64	.30	.097	6	37	.92	122	.122	1	4.44	.079	.05	<1	.03	6.0	<1	<.05	10	<5	
19750E 8125N	.4	27.9	4.9	61	<1	47.4	19.0	352	3.68	2.5	.6	<5	1.4	106	.1	1	1	82	.37	.051	6	49	1.25	217	.145	<1	4.83	.028	.16	<1	.03	5.9	<1	<.05	10	<5	
19750E 8100N	.2	17.2	5.5	59	<1	30.8	12.6	455	2.69	1.4	.3	2.7	.8	42	.1	<1	1	53	.28	.115	3	34	.42	97	.110	<1	3.28	.029	.06	<1	.03	3.9	<1	<.05	9	<5	
19750E 8375N	.4	20.5	4.6	50	<1	36.7	13.9	403	3.10	1.5	.4	82.4	1.0	63	.1	<1	1	68	.44	.119	4	42	.66	126	.125	1	2.08	.025	.05	<1	.02	3.9	<1	<.05	0	<5	
19750E 8350N	.3	20.9	7.3	39	<1	34.9	14.8	298	3.01	4.0	.7	<5	1.7	35	.1	<1	.1	57	.27	.250	4	38	.52	147	.117	1	4.44	.023	.07	<1	.03	5.9	<1	<.05	11	<5	
19750E 8325N	.5	22.9	5.1	70	<1	43.5	16.1	237	3.58	4.4	.4	1.4	1.1	86	.1	<1	.1	80	.36	.125	4	44	.79	211	.107	<1	4.14	.025	.04	<1	.02	4.7	<1	<.05	10	<5	
19750E 8300N	.1	24.4	5.0	46	<1	29.4	13.5	539	2.74	5.6	2.2	1.4	1.3	104	.2	<1	1	61	1.34	.040	9	35	.79	110	.088	1	2.28	.057	.04	<1	.03	9.3	<1	<.05	5	<5	
19750E 7975N	.2	14.5	5.7	42	<1	20.2	9.4	702	2.10	4.6	1.6	.8	1.3	97	.1	<1	1	56	.70	.017	6	39	.50	88	.088	2	1.56	.066	.03	<1	.01	7.5	<1	<.05	4	<5	
19750E 7950N	.6	32.1	5.2	27	.3	34.5	21.1	1855	3.51	41.3	4.1	<5	1.0	119	.1	<1	.1	140	1.17	.040	6	21	.68	90	.077	3	2.06	.040	.03	.1	.64	11.0	<1	<.05	9	<5	
19750E 7925N	.3	29.8	5.8	53	<1	37.1	15.7	452	3.61	6.5	1.9	2.3	1.9	161	.1	<1	<1	72	.94	.107	12	35	.91	192	.058	2	2.91	.034	.06	<1	.02	10.8	<1	<.05	8	<5	
19750E 7900N	.3	29.5	5.6	66	<1	30.9	13.2	513	3.62	3.7	.6	.6	1.6	152	.1	<1	.1	86	.71	.127	7	43	1.17	123	.121	1	3.04	.044	.10	<1	.02	7.6	<1	<.05	8	<5	
19750E 7875N	.1	31.0	4.7	54	<1	48.2	23.8	590	3.79	6	.7	.7	1.8	341	1	<1	<1	86	1.36	.058	11	53	1.84	248	.077	1	3.65	.106	.07	<1	.02	13.4	<1	<.05	6	<5	
19750E 7850N	.2	22.5	4.5	52	<1	36.3	17.0	643	3.16	1.5	1.2	<5	1.0	142	.1	<1	.1	65	.72	.041	13	29	1.14	197	.102	<1	3.62	.062	.05	<1	.04	9.7	<1	<.05	8	<5	
19750E 7825N	.5	20.3	5.6	55	<1	39.5	15.0	256	3.34	4.5	.4	5.6	1.1	52	.1	<1	.1	71	.28	.111	4	34	.75	112	.124	1	4.03	.024	.06	<1	.03	4.6	<1	<.05	10	<5	
19750E 7800N	.3	19.0	5.2	55	<1	34.3	17.9	277	3.15	4.4	.5	<5	1.2	91	.1	<1	.1	55	.38	.103	4	24	.94	123	.12	1	4.06	.044	.04	<1	.04	4.0	<1	<.05	10	<5	
19800E 8400N	.2	15.5	7.9	59	<1	36.2	12.2	319	2.45	1.6	.3	.9	.8	49	.1	<1	.1	50	.28	.097	3	53	.53	127	.132	1	2.82	.022	.07	<1	.02	2.8	<1	<.05	8	<5	
19800E 8375N	.3	15.5	5.6	58	<1	40.3	12.4	297	2.89	2.0	.3	<5	.9	46	.1	<1	.1	60	.28	.177	3	37	.47	144	.136	2	2.88	.020	.07	<1	.02	3.0	<1	<.05	9	<5	
19800E 8350N	.5	19.6	5.8	93	<1	37.5	12.0	291	2.67	2.0	.4	<5	1.1	53	.1	<1	.1	61	.31	.124	4	34	.56	145	.134	2	3.04	.024	.08	<1	.02	3.3	<1	<.05	8	<5	
19800E 8325N	.5	22.8	5.2	61	<1	37.1	12.0	320	3.13	2.7	.4	5.6	1.1	76	.1	<1	.1	70	.35	.133	4	38	.63	234	.131	1	3.53	.020	.09	<1	.02	3.7	<1	<.05	9	<5	
19800E 8300N	.6	17.9	6.3	70	<1	33.2	13.0	261	3.62	2.3	.6	<5	1.9	56	.1	<1	.2	71	.30	.069	3	37	.69	151	.132	1	2.90	.019	.06	<1	.02	3.1	<1	<.05	8	<5	
19800E 8275N	.5	20.3	5.0	59	<1	28.5	10.7	355	2.84	4.6	.9	2.2	1.1	100	.1	.2	.1	74	.56	.023	10	39	.69	126	.155	2	1.85	.052	.06	<1	.02	6.1	<1	<.05	6	<5	
19800E 8250N	.3	23.1	4.2	58	<1	38.4	18.5	235	3.68	1.2	.5	<5	1.1	59	.1	<1	.2	93	.61	.105	7	49	.92	47	.075	2	1.89	.036	.06	<1	.03	5.0	<1	<.05	5	<5	
19800E 8225N	.4	25.5	4.8	60	<1	50.0	18.9	369	3.66	2.7	.7	.9	1.3	105	.1	<1	.1	101	.72	.062	7	59	1.35	98	.153	3	2.94	.049	.06	<1	.01	7.6	<1	<.05	7	<5	
19800E 8200N	.2	17.5	4.5	57	<1	42.2	15.4	394	2.91	1.7	.4	.5	1.9	56	.1	<1	.1	66	.23	.154	5	43	.99	94	.139	1	3.17	.025	.06	<1	.02	4.5	<1	<.05	8	<5	
19800E 8175N	.4	24.4	5.5	72	<1	49.9	15.9	294	3.29	2.9	.5	1.0	1.9	64	.1	<1	.1	74	.32	.124	4	42	.95	162	.121	1	4.56	.025	.08	<1	.03	5.0	<1	<.05	10	<5	
19800E 8150N	.4	23.5	4.2	57	<1	51.3	16.4	263	3.65	2.6	.4	1.0	1.9	76	.1	<1	.1	71	.45	.150	4	44	1.18	190	.104	1	5.00	.025	.11	<1	.04	5.1	<1	<.05	10	<5	
19690E 8125N	.2	20.1	5.2	65	<1	37.8	15.7	304	3.65	1.1	.5	<5	1.3	57	.1	<1	.1	58	.23	.094	5	40	.78	133	.115	1	3.99	.032	.06	<1	.02	5.6	<1	<.05	10	<5	
19800E 8100N	.3	15.6	3.9	49	<1	44.0	18.2	249	3.30	1.1	.4	.6	1.2	102	.1	<1	.1	75	.43	.055	3	51	.80	183	.167	1	5.31	.056	.05	<1	.03	5.8	<1	<.05	11	<5	
19800E 8075N	.2	22.4	6.0	78	<1	52.5	15.7	445	4.61	1.3	.4	1.4	1.4	68	<1	1	.1	70	.41	.069	3	52	.61	147	.137	1	5.19	.034	.08	<1	.03	5.8	<1	<.05	13	<5	
19690E 8050N	.2	22.0	5.3	68	<1	43.4	20.1	891	4.64	1.2	.4	<5	1.6	80	.1	<1	.1	67	.47	.141	5	55	.70	152	.128	1	4.12	.046	.07	<1	.03	8.0	<1	<.05	10	<5	
RE 119800E 8050N	.2	23.9	5.5	66	<1	40.8	18.9	845	3.92	1.2	.4	<5	1.5	81	.1	<1	.1	63	.45	.136	5	51	.69	152	.127	<1	4.03	.046	.07	<1	.03	7.3	<1	<.05	10	<5	
19800E 8025N	.2	25.2	6.2	69	<1	41.8	18.1	349	4.64	4.7	.5	.8	1.8	55	.1	<1	.1	61	.45	.261	4	49	.63	146	.104	1	5.20	.032	.09	<1							



SAMPLE#	Hg	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Hf	Sr	Cd	Sb	Zn	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Mu	K	W	Hg	Se	Fl	S	Co	Sc
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm		
RE	.4	2.1	2.5	47	<1	5.5	4.3	525	1.92	<5	2.8	<5	3.5	54	<1	<1	.1	39	54	.097	6	47	.64	212	.029	2	.97	.055	.46	.1	.01	2.0	.4	<.05	4	<.5
19800E 8900M	.3	25.6	5.1	64	<1	31.4	12.3	299	3.12	6.1	.6	1.3	1.0	93	2	.1	.1	75	.85	.047	7	40	.72	129	.101	2	2.53	.039	.04	<.1	.02	5.6	<.1	<.05	7	<.5
19800E 7975M	.3	27.2	4.4	44	2	36.5	15.0	1632	3.33	13.2	1.3	2.5	1.1	123	2	.1	.1	95	1.26	.075	13	42	.87	141	.037	2	2.32	.067	.04	<.1	.03	9.4	<.1	<.05	5	<.5
RE 19800E 7975M	.3	25.1	4.7	44	2	35.5	14.9	1623	3.24	13.3	1.3	1.3	1.1	125	2	.1	.1	94	1.23	.071	13	40	.88	133	.037	3	2.35	.070	.04	<.1	.04	9.3	<.1	<.05	5	<.5
19800E 7950M	.3	23.8	4.9	58	<.1	39.3	19.9	433	3.75	3.1	.5	<.5	1.3	147	.1	.1	<.1	86	.85	.077	9	35	1.59	169	.102	2	2.42	.098	.05	<.1	.02	8.1	<.1	<.05	8	<.5
19800E 7925M	.3	19.1	6.3	61	<.1	33.3	11.5	160	2.82	4.1	.5	.9	.9	52	1	.1	.1	56	.32	.131	3	31	.56	143	.082	1	1.75	.070	.04	<.1	.03	3.9	<.1	<.05	9	<.5
19800E 7900M	.1	24.4	5.1	48	<.1	25.8	9.4	332	2.77	2.6	1.8	<.5	1.4	82	<.1	.1	.1	64	.62	.022	12	34	.66	73	.105	1	2.46	.043	.04	<.1	.03	8.5	<.1	<.05	7	<.5
19800E 7875M	.2	15.9	6.4	47	<.1	23.6	10.3	200	2.72	2.1	.8	5.8	.9	79	1	.1	.1	67	.51	.027	5	32	.57	94	.122	1	2.62	.037	.03	<.1	.03	5.0	<.1	<.05	5	<.5
19800F 7850M	.2	15.2	7.3	35	<.1	26.7	12.5	370	2.51	2.9	1.2	1.2	1.0	157	1	.1	.1	57	.60	.022	13	29	.83	141	.112	2	2.50	.044	.04	<.1	.03	5.0	<.1	<.05	5	<.5
19800E 7825M	.7	21.8	5.9	56	<.1	41.3	14.9	227	3.09	5.4	.5	.3	1.2	43	1	.2	.1	68	.26	.091	4	36	.73	162	.135	1	4.52	.023	.05	<.1	.04	4.0	<.1	<.05	11	<.5
19800C 7800M	.6	32.4	6.3	49	<.1	45.2	17.3	374	3.61	7.3	.7	2.4	1.3	100	1	.2	.1	80	.49	.075	4	41	1.12	281	.120	<.1	5.36	.021	.08	<.1	.05	4.6	<.1	<.05	11	<.5
19800F 8400M	.5	25.2	5.4	70	.1	36.9	13.9	360	2.95	3.9	.5	<.5	1.3	45	.1	.1	.1	68	.29	.152	4	37	.64	222	.142	1	3.40	.022	.09	<.1	.04	3.6	<.1	<.05	9	<.5
19800E 8375M	.6	23.4	7.1	74	.3	31.8	13.0	602	2.83	12.2	6	1.1	1.3	31	1	.3	.2	59	.25	.240	7	27	.56	246	.118	2	3.09	.015	.07	.1	.05	3.8	.1	<.05	11	<.5
19800E 8350M	.5	23.4	5.8	92	.3	35.7	14.4	682	3.03	3.5	.5	.8	.9	66	.2	.2	.3	74	.53	.069	7	35	.75	327	.130	1	3.27	.019	.10	<.1	.02	3.4	.1	<.05	9	<.5
19800E 8325M	.8	14.4	5.5	95	.1	29.6	13.1	452	2.93	2.9	.3	2.7	.6	36	.1	.2	1.9	68	.27	.040	3	25	.64	226	.133	<.1	2.52	.015	.08	<.1	.02	2.7	<.1	<.05	10	<.5
19800E 8300M	.4	12.7	3.8	45	<.1	21.9	10.2	333	2.65	5.1	.5	1.7	.8	72	<.1	.3	.1	67	.44	.033	6	26	.65	210	.151	1	1.64	.029	.06	<.1	.01	3.6	<.1	<.05	5	<.5
19800E 8275M	.5	17.9	5.2	52	<.1	27.6	10.6	433	2.65	9.0	6	1.9	.9	67	.1	.3	.2	70	.37	.025	7	37	.61	183	.137	<.1	2.16	.031	.05	<.1	.02	3.6	<.1	<.05	6	<.5
19800E 8250M	.5	26.2	4.7	64	<.1	38.9	14.4	355	3.50	2.8	.8	.5	1.3	82	.1	.2	1	84	.57	.059	7	43	.82	135	.147	1	2.53	.030	.07	<.1	.02	5.1	<.1	<.05	7	<.5
19800F 8225M	.3	23.3	5.8	91	.1	46.3	15.3	217	3.30	3.5	.5	.5	1.2	56	.2	.2	.1	68	.39	.271	4	36	.73	132	.096	2	3.21	.023	.07	<.1	.03	4.3	<.1	<.05	9	<.5
19800E 8200M	.2	52.9	2.7	44	<.1	41.3	16.0	247	3.76	2.1	1.0	4.8	1.2	67	<.1	.2	<.1	107	.69	.094	21	42	.71	42	.076	3	1.57	.047	.03	<.1	.02	13.2	<.1	<.05	4	<.5
19800C 8175M	.6	32.3	4.0	92	<.1	72.4	32.1	650	4.83	1.2	4	.5	.9	50	.1	.1	.7	118	.54	.095	6	69	2.55	40	.253	2	2.86	.045	.04	<.1	.02	10.2	<.1	<.05	9	<.5
19800E 8150M	.3	29.3	3.8	63	<.1	95.8	35.7	607	4.67	.8	8	.7	1.4	57	.2	<.1	<.1	87	.94	.095	10	45	3.34	58	.125	5	2.35	.045	.11	<.1	.01	14.3	<.1	<.05	7	<.5
19800F 8125M	.4	25.2	7.0	72	<.1	57.4	22.2	605	4.25	1.0	.7	.8	1.7	55	<.1	.1	.1	98	.44	.057	6	51	1.49	135	.251	1	3.95	.035	.07	<.1	.02	7.5	<.1	<.05	10	<.5
19800E 8100M	.2	25.6	4.9	68	<.1	42.9	15.9	416	3.55	2.1	.7	<.5	1.3	94	.1	.2	.1	97	.55	.045	5	47	1.18	139	.155	2	2.77	.035	.07	<.1	.02	5.0	<.1	<.05	7	<.5
19800E 8075M	.3	18.9	7.0	67	<.1	33.2	11.2	290	2.66	1.8	4	<.5	1.0	38	.1	.1	.1	56	.25	.265	3	31	.59	115	.121	1	3.18	.019	.07	<.1	.04	3.5	<.1	<.05	9	<.5
19800F 8050M	.3	27.5	6.5	82	.1	52.5	19.0	450	4.04	2.0	.5	<.5	1.3	68	.1	.1	.1	78	.40	.123	3	51	.80	163	.126	<.1	4.33	.025	.08	<.1	.03	5.5	<.1	<.05	12	<.5
19800E 8025M	.4	25.3	6.9	76	<.1	42.1	16.6	432	3.63	2.5	.4	1.2	1.3	45	.1	.1	.1	76	.34	.135	3	45	.55	123	.105	<.1	3.98	.017	.37	<.1	.02	5.0	<.1	<.05	11	<.5
19800E 8000M	.4	22.5	8.6	66	.3	34.1	15.1	267	4.18	5.1	.6	<.5	1.1	42	.1	.1	.1	88	.74	.118	6	48	.57	108	.041	2	3.18	.069	.08	<.1	.03	6.0	<.1	<.05	9	<.5
19800E 7975M	.3	28.2	4.5	61	.2	35.5	13.7	504	2.97	3.8	1.3	<.5	1.2	112	.1	.2	.1	76	1.16	.036	23	48	.87	137	.098	3	2.44	.060	.35	<.1	.04	9.7	<.1	<.05	6	<.5
19800F 7950M	.2	28.6	4.0	43	.3	32.9	14.0	653	3.04	28.5	7.4	.7	.8	159	.2	.2	.1	116	1.88	.071	20	37	.74	152	.057	4	2.74	.044	.34	<.1	.11	9.0	.1	.06	7	<.5
19800E 7925M	.3	33.6	6.2	33	.3	32.2	15.0	1171	2.38	19.1	11.8	.7	1.0	165	.1	.1	.1	80	1.62	.052	15	30	.61	107	.091	2	2.43	.072	.03	<.1	.07	7.3	<.1	<.05	6	<.5
19800E 7900M	.2	30.1	4.9	33	.3	32.5	14.2	1107	2.78	30.9	9.2	.8	1.1	163	.1	.1	.1	68	1.01	.031	15	28	.70	124	.075	2	2.80	.057	.02	<.1	.04	7.4	<.1	<.05	7	<.5
19800F 7875M	.2	23.8	4.2	54	<.1	40.2	20.8	267	2.75	1.2	.5	.8	1.4	179	<.1	<.1	.1	71	.52	.055	4	47	1.19	346	.083	<.1	4.21	.041	.05	<.1	.02	6.3	<.1	<.05	10	<.5
19800E 7850M	.7	25.0	6.1	67	.1	37.8	14.9	269	3.30	3.4	.5	1.1	1.2	53	.1	.1	.1	74	.39	.100	4	30	.71	163	.121	1	4.24	.026	.05	<.1	.03	4.6	<.1	<.05	11	<.5
19800E 7825M	.5	23.2	5.8	66	.2	40.0	14.0	195	3.17	4.5	.5	.8	1.7	39	.1	.1	.1	79	.21	.121	5	40	.59	131	.132	1	4.37	.027	.05	<.1	.05	5.5	.1	<.05	10	<.5
STANDARD D57	20.9																																			



SAMPLE#	Co	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Hf	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	C	K	Hg	Se	Tl	S	Ga	Be	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
19900E 7800N	6	2.5	2.6	46	<1	5.3	4.3	546	1.94	<5	2.0	.8	4.6	58	<1	<1	.1	40	58	.085	7	50	.64	196	.28	<1	.91	.052	.45	.1	<.01	2.1	.3	<.05	5	<.5	
19900E 8400N	3	15.7	6.2	43	<1	27.5	11.4	304	2.50	2.4	.8	2.9	.9	120	.1	?	1	55	64	.077	7	32	96	119	.131	<1	2.67	.057	.04	<.1	.01	4.7	<.1	<.05	7	<.5	
19900F 8375N	5	18.3	5.2	110	.2	24.6	14.0	460	3.26	11.5	.5	2.7	1.3	23	.1	.6	.1	77	28	.148	4	22	.84	151	.168	1	2.81	.012	.66	.1	.04	3.7	.1	<.05	13	<.5	
19900E 8350N	2	0.4	2.6	71	<1	13.3	10.0	444	2.42	10.2	.3	2.7	.6	38	.1	.5	<.1	61	44	.095	3	16	.79	101	.030	<1	1.90	.008	.09	<.1	.01	3.9	.1	<.05	7	<.5	
19900E 8325N	6	22.1	5.7	89	.1	41.3	14.9	397	3.53	7.6	.5	3.6	1.2	49	.1	.3	.1	81	32	.151	4	39	.84	252	.152	<1	4.00	.015	.09	<.1	.01	3.5	.1	<.05	12	<.5	
19900E 8300N	5	23.2	5.1	87	<1	37.8	15.2	548	3.55	8.1	4	3.0	.9	58	.1	.3	1	88	35	.057	4	38	.93	252	.152	<1	3.45	.014	.10	<.1	.02	3.5	.1	<.05	11	<.5	
19900E 8275N	6	10.5	4.5	90	<1	29.3	15.5	562	3.39	7.3	4	2.1	1.0	53	.1	.5	.1	87	34	.065	4	33	.80	181	.141	<1	2.64	.014	.09	<.1	.01	3.4	.1	<.05	9	<.5	
19900E 8250N	7	18.3	4.8	68	.2	31.9	12.4	392	2.83	11.6	5	4.3	7	52	1	4	1	66	36	.062	7	36	.67	171	.136	<1	2.19	.020	.69	<.1	.01	2.9	<.1	<.05	8	<.5	
19900F 8225N	4	21.7	5.2	62	.2	37.4	13.8	320	3.57	3.2	3	.5	.9	35	.1	.2	2	60	37	.137	4	36	.63	102	.117	<1	2.76	.021	.67	<.1	.01	3.6	<.1	<.05	9	<.5	
19900E 8200N	4	19.8	4.4	75	.1	42.3	14.3	307	3.19	3.5	.3	1.0	1.1	45	.2	.2	1	76	20	.151	4	42	.70	119	.130	<1	3.11	.022	.66	<.1	.01	3.1	<.1	<.05	9	<.5	
19900E 8175N	5	18.2	4.9	69	<1	40.2	14.4	286	3.10	3.2	4	<.5	1.2	43	1	?	1	70	26	.192	4	41	.68	.27	.126	<1	3.29	.022	.06	<.1	.03	3.3	<.1	<.05	9	<.5	
19900E 8150N	2	15.8	5.0	51	<1	31.9	11.7	422	2.73	1.1	.5	2.0	.8	81	.1	.1	.1	82	47	.051	4	40	.92	72	.154	<1	2.13	.054	.04	<.1	.02	4.0	<.1	<.05	5	<.5	
19900E 8125N	4	15.8	4.7	67	<1	50.0	19.5	638	2.99	1.2	4	.5	.8	81	.1	.1	.1	67	28	.081	4	40	1.34	91	.159	<1	3.41	.028	.05	<.1	.02	3.7	.1	<.05	10	<.5	
19900E 8100N	5	19.0	6.6	69	.1	57.2	18.5	376	3.29	1.2	.5	.9	1.2	30	.1	<.1	.1	63	27	.125	3	41	1.08	69	.183	1	3.63	.032	.05	<.1	.02	3.1	<.1	<.05	9	<.5	
19900E 8075N	4	26.6	5.1	66	<1	52.8	19.9	481	4.00	1.6	4	.8	1.2	65	.1	1	1	101	39	.034	3	53	1.36	178	.231	<1	4.11	.028	.05	<.1	.01	4.0	<.1	.66	9	<.5	
19900E 8050N	3	21.5	6.8	33	<1	38.3	15.8	496	3.37	1.1	4	1.0	1.3	67	.2	<.1	.1	79	41	.184	4	43	.73	91	.136	1	4.06	.026	.11	<.1	.01	4.1	<.1	<.05	11	<.5	
19900E 8025N	4	22.0	4.9	30	<1	47.4	16.2	259	3.16	1.7	.3	<.5	.9	52	.1	<.1	.1	69	33	.145	3	40	55	173	.122	1	4.03	.030	.10	<.1	.02	4.8	<.1	<.05	11	<.5	
19900E 8000N	4	15.7	6.6	30	<1	23.1	8.4	236	2.13	1.8	?	7	7	27	.1	<.1	.1	61	22	.194	2	28	.31	83	.099	2	2.52	.019	.08	<.1	.01	2.5	<.1	<.05	8	<.5	
19900E 7975N	2	18.1	6.7	58	<1	35.8	14.5	557	2.97	4.2	4	.5	.9	71	.1	.1	.1	74	60	.068	5	35	69	146	.127	3	2.72	.035	.05	<.1	.02	4.1	<.1	<.05	8	<.5	
19900E 7950N	4	20.7	6.0	77	.1	39.3	14.1	381	3.52	5.2	4	.5	1.0	53	.1	.1	.1	74	46	.185	3	43	.69	176	.122	2	3.59	.026	.08	<.1	.02	4.3	<.1	<.05	10	<.5	
19900E 7925N	3	18.4	6.6	55	<1	31.6	13.3	402	3.14	4.4	4	<.5	.8	55	<.1	1	.1	69	55	.112	3	38	.62	150	.125	2	3.06	.030	.05	<.1	.03	3.5	<.1	<.05	9	<.5	
19900E 7900N	3	42.5	5.1	49	4	39.3	12.9	1325	2.66	25.7	?	7	1.6	9	130	.2	.2	.1	81	1.83	.035	24	35	.72	170	.080	6	2.53	.047	.03	<.1	.05	6.6	<.1	.08	7	<.5
19900E 7875N	3	38.6	9.2	49	4	25.0	18.2	2335	3.92	32.6	8.6	1.2	.8	110	.4	.1	.1	153	1.46	.083	22	37	.75	160	.076	3	3.03	.051	.03	<.1	.06	8.6	<.1	.07	8	<.5	
19900E 7850N	1	27.1	3.0	55	<1	44.8	23.2	893	3.29	1.0	4	.6	1.4	209	.1	<.1	.1	61	1.08	.065	10	69	1.64	291	.053	2	3.17	.111	.05	<.1	.01	10.3	<.1	<.05	8	<.5	
19900E 7825N	2	28.6	3.5	54	<1	44.0	20.5	244	3.62	.8	4	<.5	1.3	157	.1	<.1	<.1	71	.59	.042	3	42	1.38	184	.108	2	4.70	.058	.05	<.1	.01	5.5	<.1	<.05	10	<.5	
19900E 7800N	4	22.1	7.0	54	.1	20.4	11.4	177	2.66	3.4	.7	.9	1.4	46	.1	.1	.1	57	27	.181	7	25	42	130	.101	3	3.95	.023	.34	<.1	.03	5.7	<.1	<.05	9	<.5	
19900E 8400N	2	19.2	6.6	56	<1	26.0	16.9	369	3.07	2.3	1.2	1.5	1.3	37	<.1	.1	.1	70	.62	.022	6	38	.71	104	.157	2	2.53	.047	.34	<.1	.01	6.6	<.1	<.05	7	<.5	
19900E 8375N	7	17.8	6.4	129	.1	32.5	16.0	815	3.53	8.0	.5	2.9	1.3	27	.1	.5	.1	82	25	.111	4	27	.90	151	.159	3	3.16	.015	.36	.1	.04	3.8	.1	<.05	13	<.5	
19900E 8350N	2	15.7	5.6	70	.1	27.6	12.1	613	2.52	11.6	4	2.1	1.3	39	<.1	.2	.1	58	.78	.120	6	25	.58	179	.129	1	3.05	.017	.35	.1	.03	3.5	.1	<.05	10	<.5	
RE 119900E 8375N	3	15.4	5.9	68	.1	27.3	12.1	619	2.54	11.0	.5	1.1	1.1	39	.1	.2	.1	60	29	.116	6	25	.59	182	.132	1	3.01	.017	.35	.1	.03	3.6	.1	<.05	11	<.5	
19900E 8350N	7	26.8	5.2	92	.2	41.1	15.6	431	3.47	7.7	.5	2.3	1.5	31	.1	4	.1	77	23	.150	4	35	82	239	.164	2	3.66	.016	.08	<.1	.03	4.1	.1	<.05	11	<.5	
19900E 8325N	6	17.3	5.0	95	<1	32.7	14.2	482	3.27	7.6	4	1.2	1.1	31	<.1	3	.1	76	.25	.121	3	31	79	152	.172	2	3.13	.015	.06	<.1	.04	3.5	.1	<.05	10	<.5	
19900E 8300N	5	12.9	7.0	89	.1	20.9	11.4	259	2.25	10.4	.6	1.5	.9	30	.1	4	.1	59	28	.057	3	22	50	173	.133	1	2.17	.016	.04	<.1	.02	3.1	.1	<.05	8	<.5	
19900F 8275N	1.2	23.5	5.7	85	.2	45.7	17.6	362	3.85	21.2	.5	5.9	1.2	33	.1	4	.1	83	27	.154	4	38	.81	260	.144	2	4.43	.011	.08	<.1	.05	3.9	.1	<.05	13	<.5	
19900E 8250N	7	10.6	6.7	74	<1	19.3	14.6	730	3.03	14.3	.5	1.2	1.0	40	<.1	1.5	.1	64	.34	.066	4	24	.82	139	.055	2	1.90	.010	.06	.1	.03	2.6	.1	<.05	8	<.5	
STANDARD DS7	20.6	107.1	67.9	405	.9																																



SAMPLE #	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	F	La	Cr	Mg	Ba	Ti	B	Al	Na	K	N	Hg	Sc	U	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
G-1	.4	2.0	2.4	42	<.1	5.8	4.4	503	1.01	<.5	2.0	.5	3.6	57	<.1	<.1	.1	38	58	078	6	45	58	206	132	1	.87	.053	.46	<.1	<.01	2.0	.3	<.05	4	<.5
19950F 8225N	.7	20.9	4.4	69	.1	37.6	15.9	484	3.78	14.8	.5	4.5	1.1	70	.1	1.3	.1	85	.41	.077	4	37	.92	205	.121	1	2.47	.015	.11	.1	.02	3.3	.1	<.05	7	<.5
19950E 8200N	.4	18.3	5.1	74	<.1	37.5	13.1	365	2.93	6.8	.3	1.0	.7	47	.1	.3	.1	69	.31	.145	3	35	.56	116	.121	2	2.81	.016	.08	<.1	.01	2.7	<.1	<.05	5	<.5
19950E 8175N	.5	17.7	5.1	51	.1	21.7	9.2	507	2.21	2.2	.2	1.3	.4	28	.1	.2	.2	47	.18	10E	3	20	.40	69	084	1	2.17	.015	.04	<.1	.03	1.7	<.1	<.05	7	<.5
19950F 8150N	.5	25.8	3.9	52	<.1	39.3	15.4	371	3.51	4.8	.4	2.2	1.1	106	.1	.4	.1	96	.42	073	5	48	.94	230	.150	2	3.16	.026	.08	<.1	.02	3.4	<.1	<.05	8	<.5
19950E 8125N	.4	22.2	4.6	61	<.1	43.0	17.3	435	3.68	2.0	.5	1.7	1.3	138	.1	.2	.1	114	.52	060	5	54	1.32	129	169	1	3.32	.041	.06	.1	<.01	5.6	<.1	<.05	8	<.5
19950E 8100N	.7	18.9	5.3	66	<.1	49.9	17.5	292	3.42	1.8	.4	1.4	1.0	65	.1	.1	.1	71	.24	140	3	41	.94	114	172	2	3.23	.023	.07	<.1	.03	3.6	<.1	<.05	10	<.5
19950F 8075N	.4	20.6	4.6	58	<.1	67.4	21.0	532	3.52	.7	.4	5	1.0	62	.1	<.1	.1	81	.44	085	5	40	1.37	92	229	1	3.24	.032	.04	<.1	.01	4.4	<.1	<.05	8	<.5
19950E 8050N	.4	16.3	7.0	75	<.1	42.0	13.5	281	2.67	1.2	.3	1.9	.9	37	.1	.1	.1	57	.19	154	3	31	.55	110	143	1	3.35	.029	.06	<.1	.03	2.6	<.1	<.05	5	<.5
19950E 8025N	.3	17.9	5.7	51	<.1	32.9	12.8	385	3.02	.8	.4	2.6	1.0	108	.1	.1	.1	76	.47	032	5	42	.97	86	205	2	2.31	.042	.06	<.1	<.01	4.4	<.1	<.05	6	<.5
19950F 8000N	.5	17.5	4.2	66	<.1	47.9	23.8	582	3.90	.6	.5	1.4	1.3	69	<.1	<.1	<.1	100	.54	086	4	60	1.34	59	114	1	4.29	.074	.03	<.1	.02	5.5	<.1	<.05	9	<.5
19950E 7975N	.4	25.5	5.8	72	.1	51.2	20.1	339	3.82	3.5	.5	1.6	2.0	67	.1	<.1	.1	91	.49	184	4	55	.86	146	.127	1	5.04	.049	.05	<.1	.03	7.3	<.1	<.05	11	<.5
19950E 7950N	.5	28.3	5.1	79	.1	51.8	18.0	369	4.07	4.3	.4	.8	1.2	73	.2	.2	.1	96	.35	144	4	49	.86	228	165	1	4.17	.022	.11	<.1	.04	4.9	<.1	<.05	10	<.5
19950E 7925N	.5	23.2	6.5	92	.2	46.7	16.3	253	3.72	4.3	.5	.7	1.7	50	.1	.1	.1	74	.36	18E	4	41	.57	162	068	1	4.45	.021	.08	<.1	.04	4.8	<.1	<.05	11	<.5
19950F 7900N	.3	27.2	5.8	84	.1	44.4	15.7	355	3.17	5.3	.5	2.3	1.5	65	.1	.1	.1	72	.45	202	5	45	.65	173	113	1	4.01	.027	.07	<.1	.04	5.2	<.1	<.05	10	<.5
19950E 7875N	.2	33.3	5.4	57	.1	28.7	12.2	487	2.66	3.9	2.4	1.8	1.4	91	.1	.1	.1	70	.82	051	13	39	.79	58	115	1	2.43	.051	.01	<.1	.01	0.1	<.1	<.05	6	<.5
19950E 7850N	.2	29.2	5.5	52	<.1	34.5	15.6	623	3.19	6.2	2.0	1.7	1.7	99	.1	.1	.1	89	.81	037	12	43	.83	150	146	2	2.40	.065	.04	<.1	.02	8.5	<.1	<.05	6	<.5
19950F 7825N	.2	22.3	4.8	60	<.1	23.5	9.7	304	2.67	2.5	1.5	1.0	1.4	92	.1	.1	.1	70	.67	016	8	35	.70	86	150	1	1.96	.053	.04	<.1	.02	7.2	<.1	.06	5	<.5
19950E 7800N	.3	29.3	4.6	53	<.1	29.5	13.4	295	3.52	2.2	1.1	1.3	1.1	101	.1	.2	.1	87	.79	026	4	43	.86	100	120	1	2.59	.059	.04	<.1	.02	6.8	<.1	<.05	8	<.5
RE L.9950E 7800N	.3	21.2	5.0	56	<.1	30.5	13.9	307	3.55	2.3	1.1	.6	1.1	108	.1	.1	.1	85	.71	025	4	41	.84	102	114	<.1	2.48	.053	.04	<.1	<.02	6.3	<.1	<.05	6	<.5
29000E 8400N	.4	17.4	4.1	82	.2	22.2	14.7	450	3.05	21.6	.7	10.6	1.3	229	.1	.8	.1	31	.35	140	4	29	.97	446	163	3	3.08	.010	.11	.1	.04	4.1	.1	<.05	12	<.5
29000F 8375N	.7	17.8	6.3	140	.1	38.0	17.7	535	3.69	13.1	.4	1.9	1.2	19	.1	.6	.1	37	.21	212	3	32	.66	139	144	1	3.53	.012	.06	.1	.04	3.2	.1	<.05	12	<.5
29000E 8350N	.5	21.5	6.1	79	<.1	39.6	16.6	487	3.31	10.9	.5	2.2	1.2	32	.1	.4	.1	78	.27	153	5	33	.66	203	149	1	3.49	.015	.07	<.1	.03	3.6	.1	<.05	11	<.5
29000E 8325N	.5	18.4	5.9	79	<.1	38.6	15.2	447	3.57	7.9	.3	2.0	.9	31	.1	.5	.1	89	.23	112	3	34	.74	158	157	1	3.12	.013	.07	.1	.02	3.0	.1	<.05	16	<.5
29000E 8300N	.7	25.5	6.8	110	.2	41.4	17.3	797	3.59	13.2	.5	2.9	1.4	35	.1	.4	.1	94	.28	143	4	35	.80	220	152	1	3.74	.011	.08	.1	.02	3.5	.1	<.05	11	<.5
29000F 8275N	.6	23.1	6.5	79	.2	31.8	14.6	855	3.36	13.9	.4	2.9	1.2	27	.1	.5	.1	82	.25	125	4	31	.75	239	132	1	2.95	.013	.06	.1	.03	3.3	.1	<.05	10	<.5
29000E 8250N	.5	27.2	6.1	85	<.1	33.6	17.9	525	3.61	23.1	.6	5.6	1.5	41	<.1	.9	.1	95	.23	051	7	32	.98	188	137	<.1	3.32	.011	.06	<.1	.02	4.1	.1	<.05	11	<.5
29000E 8225N	.7	15.6	5.4	84	.1	30.6	15.7	512	3.34	11.2	.4	3.3	1.2	24	.1	.8	.2	79	.18	054	4	27	.78	135	125	<.1	3.07	.010	.05	<.1	.03	3.0	.1	<.05	16	<.5
29000E 8200N	.9	23.4	6.0	101	.1	35.9	17.6	495	4.07	14.0	.6	3.0	1.4	32	.1	.7	.4	93	.31	084	4	31	.95	139	102	<.1	3.61	.009	.08	.1	.03	3.7	.1	<.05	13	<.5
29000F 8175N	.6	27.1	6.8	97	.2	37.3	15.8	339	3.32	9.7	.6	2.1	1.7	36	.1	.5	.1	89	.25	149	7	31	.64	181	117	<.1	3.91	.014	.08	<.1	.03	4.3	.1	<.05	11	<.5
29000E 8150N	.4	19.5	5.6	67	.1	33.9	12.5	282	2.69	5.7	.5	1.9	1.1	32	.1	.3	.1	51	.24	167	4	39	.57	113	117	<.1	2.89	.017	.06	<.1	.03	3.1	<.1	<.05	8	<.5
29000E 8125N	.4	21.9	6.1	80	.1	42.5	15.7	342	3.32	3.0	.6	1.7	1.3	42	.1	.1	.1	94	.39	196	4	35	.81	96	125	<.1	3.78	.021	.05	<.1	.04	4.2	<.1	<.05	10	<.5
29000F 8100N	.6	19.3	6.4	61	<.1	43.5	16.3	281	3.21	1.9	.4	1.0	1.3	47	.1	.1	.1	74	.23	061	4	59	.82	119	159	<.1	3.59	.021	.05	<.1	.02	3.4	.1	<.05	10	<.5
29000E 8075N	.4	19.1	5.1	89	<.1	71.1	24.0	412	4.21	.9	.5	.8	1.1	69	<.1	.1	.1	70	.46	119	5	69	1.75	79	186	<.1	4.24	.026	.05	<.1	.02	5.9	<.1	<.05	12	<.5
29000E 8050N	.6	27.3	5.4	83	<.1	59.4	18.9	365	3.79	1.6	.5	.8	1.3	66	.1	.2	.1	76	.39	140	4	59	.96	147	167	<.1	4.65	.019	.07	<.1	.03	4.3	<.1	<.05	11	<.5
STANDARD DS7	21.1	105.7	68.9	397	9.54	1.9	9.5																													



SAMPLE#	Mn	Cu	Pb	Zn	Ag	Hg	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sh	Br	V	Ca	P	La	Cr	Hg	Ba	Tl	R	Al	Na	K	W	Hg	Se	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
G-1	.5	2.4	2.9	46	<.1	5.9	4.3	549	1.92	<.5	2.0	<.5	3.6	58	<.1	<.1	.1	40	63	.084	6	56	.62	204	.135	2	.80	.059	.48	.1	.02	2.1	.4	<.05	5	<.5
20000F 2025W	.4	21.8	5.6	59	<.1	59.0	20.9	763	4.10	.5	.3	<.5	1.0	53	<.1	<.1	1.22	37	.061	4	64	1.41	76	.323	1	3.33	.036	.03	<.1	.02	5.1	<.1	<.05	7	<.5	
L20000E 8600W	.6	22.9	6.9	58	<.1	41.8	14.5	363	3.57	2.0	.5	.6	1.5	46	<.1	.1	.78	29	.116	5	42	.75	126	.175	1	3.90	.026	.07	<.1	.02	4.6	.1	<.05	11	<.5	
L20000E 7975W	.3	22.0	4.9	56	<.1	50.6	22.4	284	4.94	1.0	.4	.5	1.2	130	<.1	<.1	.96	.52	.045	3	58	.89	162	.155	<.1	4.90	.041	.08	<.1	.03	7.5	<.1	<.05	10	<.5	
L20000E 7950W	.3	25.5	4.7	54	<.1	45.9	17.9	407	3.86	2.6	.5	.6	1.7	116	<.1	.1	.94	.61	.055	8	51	1.05	199	.148	1	3.78	.035	.09	<.1	.02	7.6	<.1	<.05	8	<.5	
RE L20000E 7950W	.3	25.5	4.8	56	<.1	43.5	17.7	432	3.92	2.5	.5	1.0	1.7	109	<.1	.1	.97	.62	.056	8	53	1.07	204	.152	1	3.75	.037	.08	<.1	.02	7.8	.1	<.05	8	<.5	
L20000E 7925W	.5	17.1	5.3	89	.2	44.0	15.3	263	2.99	1.8	.3	<.5	1.1	37	<.1	.1	.60	.27	.075	3	34	.63	129	.130	2	4.03	.031	.07	<.1	.04	4.0	<.1	<.05	10	<.5	
L20000W 7900W	1.4	20.3	7.8	79	<.1	34.1	14.9	747	3.27	2.7	.4	<.5	.8	46	<.1	.2	.74	.31	.068	3	37	.61	156	.131	2	2.95	.022	.09	<.1	.05	3.7	<.1	<.05	6	<.5	
L20000E 7875W	.6	22.1	5.2	50	<.1	35.5	14.4	344	3.64	4.5	.5	<.5	1.1	77	.2	.1	.86	.48	.082	4	45	.80	135	.104	1	3.11	.028	.07	<.1	.02	4.8	<.1	<.05	7	<.5	
L20000E 7850W	.3	23.9	7.0	45	.1	29.5	9.7	324	2.65	4.0	1.1	<.5	1.3	67	.1	.1	.66	.55	.023	14	33	.62	107	.122	1	2.48	.038	.04	<.1	.04	6.5	<.1	<.05	7	<.5	
20000F 7825W	.4	23.0	5.8	89	<.1	35.0	13.0	320	3.52	3.3	.5	1.7	1.1	99	.2	.1	.91	.61	.070	5	46	.97	147	.157	1	2.81	.036	.05	<.1	.02	4.7	<.1	<.05	7	<.5	
L20000E 7800W	.3	27.6	3.8	63	<.1	44.2	21.1	873	3.80	2.7	.5	.6	1.7	177	.1	.1	<.1	94	1.16	.083	10	36	1.69	90	.116	3	2.49	.132	.08	<.1	.03	6.8	<.1	<.05	6	<.5
L20050E 8400W	.5	8.9	6.0	83	.1	17.9	12.1	612	2.80	13.0	.4	4.2	.9	39	.1	.8	.1	68	.39	.056	3	18	.75	154	.113	1	2.08	.013	.06	.1	.03	2.9	.1	<.05	11	<.5
L20050E 8375W	.4	12.4	5.2	70	.1	21.5	10.8	408	2.56	4.8	.4	1.1	.8	20	.1	.2	.1	67	.19	.046	3	23	.45	138	.154	2	2.90	.016	.04	.1	.02	2.5	.1	<.05	9	<.5
L20050F 8350W	.9	29.7	5.1	89	.1	44.7	15.5	418	3.82	6.2	.5	1.9	1.3	44	.2	.4	.1	88	.29	.109	4	42	1.60	265	.147	2	3.70	.019	.07	<.1	.04	4.1	.1	<.05	10	<.5
L20050E 8325W	.6	20.5	6.6	136	.1	27.5	13.4	1025	3.13	6.2	.4	1.0	1.1	21	.1	.2	.1	72	.18	.121	4	28	.57	171	.165	1	2.69	.015	.06	<.1	.01	3.1	.1	<.05	10	<.5
L20050E 8300W	.5	19.9	5.9	72	<.1	29.2	12.5	630	2.83	4.8	.3	1.2	.9	30	.1	.2	.1	68	.21	.104	3	27	.62	145	.135	1	2.59	.015	.05	<.1	.03	2.6	.1	<.05	8	<.5
L20050E 8275W	.6	24.0	5.1	92	.1	30.1	14.8	555	3.51	13.5	.4	3.9	1.6	20	.1	.1	.83	.19	.122	3	26	.94	164	.119	1	3.14	.011	.06	<.1	.05	3.7	.1	<.05	10	<.5	
L20050E 8250W	.8	20.4	7.2	124	.1	34.6	14.5	820	3.68	8.4	.7	1.7	2.2	21	.1	.4	.1	79	.19	.150	4	28	.91	147	.137	1	4.10	.012	.06	.1	.04	3.7	.1	<.05	12	<.5
L20050E 8225W	.8	21.5	6.2	102	.1	34.7	15.4	895	3.61	7.6	.4	3.6	1.1	32	.1	.4	.1	84	.22	.102	4	32	.84	190	.151	1	3.32	.013	.05	<.1	.04	3.4	.1	<.05	10	<.5
L20050E 8200W	.0	26.5	5.8	194	<.1	44.7	17.1	539	3.36	8.9	.5	2.4	1.3	44	.1	.4	.1	89	.28	.126	4	35	.95	219	.151	1	3.33	.014	.08	.1	.03	3.6	.1	<.05	11	<.5
L20050E 8175W	.9	23.9	6.2	90	.1	35.1	14.4	518	3.55	13.5	.5	2.6	1.5	28	.1	.5	.1	75	.23	.180	5	32	.83	160	.122	3	4.30	.017	.06	.1	.04	3.8	.1	<.05	11	<.5
L20050F 8150W	1.0	29.6	7.8	109	.2	43.2	16.7	822	4.20	16.3	.6	2.3	1.9	27	.1	.4	.2	97	.28	.094	5	38	.96	199	.142	2	4.34	.010	.07	<.1	.05	4.3	.1	<.05	12	<.5
L20050E 8125W	1.0	9.2	5.6	108	.2	18.9	13.5	919	3.11	7.3	.4	.6	1.0	18	.1	1.1	.1	69	.13	.055	4	18	1.07	92	.021	1	2.15	.009	.05	.1	.02	2.9	.1	<.05	10	<.5
L20050E 8100W	.5	22.0	4.7	76	.1	33.3	13.8	435	3.30	3.3	.4	.8	1.0	84	.1	.2	.2	82	.39	.104	5	36	.78	132	.161	1	2.19	.025	.06	<.1	.02	3.6	<.1	<.05	6	<.5
L20050F 8075W	.6	22.6	5.1	72	<.1	41.7	17.0	556	3.66	2.8	.4	<.5	1.0	67	.1	.2	.1	31	.31	.116	5	44	1.16	118	.133	1	3.45	.024	.07	<.1	.03	4.3	<.1	<.05	8	<.5
L20050E 8050W	.3	25.2	3.8	61	<.1	65.5	25.2	644	4.20	1.6	.5	1.2	1.9	221	<.1	<.1	<.1	91	.75	.084	13	56	2.32	110	.212	1	3.34	.039	.06	<.1	.01	11.7	<.1	<.05	8	<.5
L20050E 8025W	.4	20.3	2.5	61	<.1	69.9	24.1	862	4.23	1.5	.5	1.2	1.6	172	.1	.1	.1	95	.74	.078	12	57	2.17	107	.199	2	3.24	.032	.07	<.1	.01	10.5	<.1	<.05	8	<.5
L20050E 8000W	.5	26.4	4.5	65	<.1	53.6	19.0	606	3.85	2.0	.5	.9	1.5	150	.1	.1	.1	87	.61	.085	10	40	1.65	146	.166	1	3.12	.033	.09	<.1	.01	7.9	<.1	<.05	8	<.5
L20050F 7975W	.5	22.2	6.4	67	<.1	43.4	15.5	676	3.35	1.7	.5	1.3	1.1	105	.1	.1	.1	73	.44	.103	7	38	1.08	133	.143	2	3.10	.025	.07	<.1	.03	5.6	<.1	<.05	7	<.5
L20050E 7950W	.5	28.7	6.0	109	.1	57.2	18.1	319	3.80	2.9	.7	<.5	1.8	57	.2	.1	.1	73	.30	.263	5	43	.88	171	.142	1	4.85	.018	.11	<.1	.04	6.1	<.1	<.05	11	<.5
L20050E 7925W	.9	26.9	6.6	93	<.1	45.2	14.7	611	3.57	2.6	.5	1.2	1.4	43	.1	.1	.1	80	.36	.116	4	40	.73	133	.148	1	4.39	.016	.06	<.1	.05	4.0	<.1	<.05	10	<.5
L20050E 7900W	1.1	20.7	6.8	79	<.1	51.3	16.8	315	4.01	3.1	.8	<.5	1.4	60	.2	.1	.1	89	.28	.080	3	45	.92	225	.151	1	5.01	.017	.08	<.1	.04	4.5	<.1	<.05	12	<.5
L20050E 7875W	.7	28.2	6.7	96	<.1	44.2	17.5	690	4.13	3.3	.5	.6	1.5	63	.2	.2	.1	94	.31	.099	4	47	.92	192	.156	1	4.03	.015	.07	<.1	.04	5.0	.1	<.05	10	<.5
L20050E 7850W	.5	31.5	5.0	61	<.1	40.7	15.6	617	4.34	6.1	.8	2.1	2.1	114	.1	.2	.1	107	.71	.072	13	49	.93	144	.122	3	2.23	.038	.06	<.1	.02	11.1	<.1	<.05	5	<.5
STANDARD 057	20	3.104	5.46	8	357	9.54	2.8	6	617	2																										



SAMPLE#	Hg	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Ag	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	H	Mg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
G-1	.5	1.9	2.4	43	<.1	5.3	3.9	556	1.83	<.5	2.2	1.4	3.9	54	<.1	<.1	.1	40	.59	.083	6	50	.60	187	.129	<.1	.86	.358	.46	.1	<.01	2.0	.4	<.05	4	<.5
20050E 7825N	.5	27.4	4.4	65	<.1	41.0	16.0	485	4.03	4.9	.6	2.6	1.6	112	<.1	.2	.1	104	.63	.056	9	49	1.02	157	.132	<.1	3.09	.336	.39	<.1	.01	6.6	<.1	<.05	7	<.5
20050E 7800N	.5	19.2	4.9	65	<.1	39.1	13.8	400	3.36	3.7	.5	1.4	1.0	60	.1	.2	.1	83	.33	.075	4	39	.75	239	.140	1	3.44	.323	.37	<.1	.02	4.2	<.1	<.05	9	<.5
20100E 8400N	.4	13.3	5.2	119	.3	26.0	14.5	471	3.23	22.4	.4	2.0	1.0	21	.1	.8	.1	79	.31	.179	3	28	.78	142	.137	1	2.69	.314	.37	.1	.03	3.8	.1	<.05	11	<.5
20100E 8375N	.3	14.1	5.3	112	.1	16.9	13.5	1116	2.62	7.1	.3	1.0	1.1	21	.1	.5	.1	66	.28	.228	3	18	.73	233	.164	2	2.06	.314	.06	.1	.01	3.6	.1	<.05	10	<.5
20100E 8350N	.4	14.8	5.4	98	<.1	26.3	13.4	755	2.97	7.8	.4	1.3	.9	30	.1	.4	.1	80	.30	.004	4	24	.83	157	.148	1	2.63	.074	.06	<.1	.05	3.4	.1	<.05	11	<.5
20100E 8325N	.6	21.8	5.2	124	.1	30.6	17.7	805	3.93	11.4	.5	4.5	1.2	26	.1	.8	.1	100	.25	.113	3	30	1.16	187	.158	1	3.53	.016	.07	<.1	.05	4.9	.1	<.05	13	<.5
20100E 8300N	.6	24.4	5.8	112	<.1	40.0	16.4	530	3.54	5.9	.5	1.5	1.5	30	.1	.4	.1	87	.28	.122	4	36	.86	207	.172	1	3.60	.015	.08	<.1	.05	3.9	.1	<.05	11	<.5
20100E 8275N	.5	28.8	5.7	97	<.1	34.4	14.7	554	3.53	7.7	.5	2.2	1.2	31	.1	.5	.1	94	.31	.098	4	39	.89	190	.153	1	3.42	.012	.07	<.1	.04	3.6	.1	<.05	11	<.5
20100E 8250N	.5	17.6	5.3	81	<.1	30.4	14.3	776	3.28	5.1	.4	.9	1.3	42	<.1	.4	.1	84	.32	.070	5	38	.86	235	.161	1	3.13	.014	.09	<.1	.02	3.5	.1	<.05	10	<.5
20100E 8225N	.4	13.7	5.3	119	<.1	19.8	12.8	980	2.94	7.6	.3	1.7	.8	23	.1	.8	.1	71	.29	.061	3	20	.76	135	.081	1	2.38	.009	.07	.1	.01	3.3	.1	<.05	9	<.5
20100E 8200N	.7	17.2	5.4	80	.2	22.7	13.8	917	3.18	27.0	.6	3.9	1.4	34	.1	1.0	.1	77	.30	.054	5	24	.81	168	.090	1	2.73	.012	.06	<.1	.02	3.5	.1	<.05	10	<.5
20100E 8175N	.6	17.4	4.8	87	<.1	30.6	14.5	551	3.70	11.2	.5	1.7	1.2	41	.1	.8	.1	86	.36	.077	4	31	.91	240	.124	1	2.89	.011	.09	<.1	.01	3.5	.1	<.05	10	<.5
20100E 8150N	.7	15.3	5.5	105	<.1	29.9	15.7	1495	3.69	8.9	.4	1.7	1.3	40	.1	.7	.1	90	.37	.088	4	33	1.34	258	.121	1	3.63	.012	.10	<.1	.02	4.2	.1	<.05	11	<.5
20100E 8125N	1.0	25.4	7.6	112	.1	37.6	17.4	574	4.12	12.3	.7	1.1	2.1	42	.2	.7	.1	99	.32	.098	5	39	1.12	266	.125	<.1	4.12	.011	.11	<.1	.02	4.4	.1	<.05	13	<.5
20100E 8100N	.6	16.7	5.3	105	.3	26.1	12.2	663	2.91	4.6	.4	1.7	1.0	46	.1	.5	.7	75	.41	.065	4	28	.74	170	.113	2	2.20	.016	.07	<.1	.02	2.9	<.1	<.05	9	<.5
20100E 8075N	.8	14.5	7.5	122	.2	27.9	14.4	1164	3.35	12.0	.5	2.6	.7	34	.2	.8	.2	83	.39	.137	3	32	.84	146	.060	2	2.60	.009	.09	.1	.01	3.5	.1	<.05	10	<.5
20100E 8050N	.6	18.7	5.3	72	<.1	36.1	13.7	466	3.46	5.2	.4	1.7	1.0	63	.1	.4	.1	84	.35	.112	4	40	.81	189	.122	<.1	3.69	.021	.09	<.1	.03	3.8	<.1	<.05	8	<.5
20100E 8025N	.4	21.0	6.7	74	<.1	51.2	21.9	584	3.74	5.6	.3	<.5	1.0	121	.1	.1	.1	59	.45	.132	7	37	1.25	127	.199	2	3.03	.046	.10	<.1	.02	6.4	<.1	<.05	8	<.5
20100E 8000N	.4	15.0	4.8	76	<.1	52.4	19.5	692	3.72	1.1	.3	<.5	.9	53	.1	.1	.1	75	.45	.106	4	44	1.35	65	.213	2	3.02	.028	.10	<.1	.01	4.6	<.1	<.05	9	<.5
20100E 7975N	.4	18.4	5.5	97	.2	42.9	13.8	563	2.94	2.5	.4	.7	1.0	50	.1	.1	.1	65	.39	.220	6	36	.77	108	.126	<.1	3.45	.022	.09	<.1	.02	4.3	<.1	<.05	9	<.5
20100E 7950N	.3	13.5	7.2	68	<.1	24.4	8.0	446	1.98	.8	.4	<.5	.8	55	.1	.1	.1	50	.38	.030	7	25	.57	67	.133	<.1	2.35	.028	.04	<.1	.02	3.5	<.1	<.05	6	<.5
20100E 7925N	.7	24.0	5.7	83	<.1	47.9	15.7	304	3.44	2.6	1.0	.6	3.3	47	.1	.1	.1	70	.23	.177	5	41	.84	128	.142	1	4.13	.021	.07	<.1	.04	5.4	<.1	<.05	11	<.5
20100E 7900N	.7	20.9	6.0	93	<.1	45.7	15.4	456	3.29	3.1	.4	.8	1.0	47	.2	.2	.1	72	.29	.158	3	37	.79	127	.137	2	3.68	.019	.08	.1	.03	3.5	<.1	<.05	11	<.5
20100E 7875N	.9	20.1	8.6	110	.1	42.9	16.0	1050	3.66	4.1	.5	.6	1.0	60	.1	.2	.3	88	.32	.058	3	43	.87	185	.169	<.1	3.71	.019	.09	<.1	.03	3.5	.1	<.05	10	<.5
20100E 7850N	.6	17.1	6.3	105	.2	52.3	15.3	593	3.55	1.5	.4	.9	1.0	52	.2	.1	.1	73	.33	.115	3	40	.64	132	.160	2	3.56	.026	.07	<.1	.02	3.5	<.1	<.05	10	<.5
20100E 7825N	.8	23.5	6.6	67	<.1	39.5	15.9	516	4.37	4.0	.4	.0	1.0	41	.1	.1	.1	59	.43	.084	5	39	.45	109	.078	1	2.19	.025	.06	<.1	.02	6.1	<.1	<.05	7	<.5
20100E 7800N	.5	20.6	4.8	70	<.1	40.8	15.6	713	3.85	4.6	.7	2.4	1.8	91	.1	.2	.2	93	.73	.104	17	43	1.06	104	.097	2	2.52	.041	.08	<.1	.02	8.9	<.1	<.05	7	<.5
20150E 8400N	.5	45.5	3.5	105	<.1	26.6	22.0	1003	4.27	31.8	.8	13.4	1.7	85	<.1	1.2	<.1	109	1.18	.169	9	34	1.59	166	.129	3	3.12	.022	.15	.1	.03	7.5	.1	<.05	17	<.5
20150E 8375N	.5	23.1	4.1	102	<.1	29.6	16.6	537	3.44	16.9	.5	1.0	.9	27	.1	1.3	.1	88	.34	.156	3	26	1.09	188	.158	2	2.93	.011	.09	.1	.03	4.0	.1	<.05	11	<.5
20150E 8350N	.3	21.1	4.1	110	<.1	27.8	16.5	776	3.39	17.4	.8	1.8	.8	36	.1	1.0	.1	85	.42	.082	4	27	1.01	331	.171	2	2.89	.014	.07	.1	.02	4.4	.1	<.05	11	<.5
20150E 8325N	.4	29.9	3.9	195	<.1	33.4	18.8	536	3.86	15.7	.7	1.6	1.8	35	.1	.9	.1	91	.47	.145	3	32	1.12	219	.139	1	3.15	.014	.09	.1	.04	4.5	.1	<.05	17	<.5
20150E 8300N	.4	19.6	3.6	139	<.1	17.4	17.3	1100	3.25	10.2	.6	<.5	1.5	38	.1	.9	.1	77	.56	.181	4	18	.97	336	.163	1	1.99	.013	.10	.1	.03	4.4	.1	<.05	11	<.5
20150E 8275N	.5	15.0	4.0	113	<.1	21.5	15.0	561	3.12	11.3	.5	.0	.9	31	.1	.9	.1	72	.29	.112	3	21	1.01	195	.145	1	2.31	.013	.07	.1	.02	3.9	.1	<.05	11	<.5
RE 20150E 8250N	.4	15.0	3.5	116	<.1	20.8	15.0	598	3.14	10.9	.4	2.8	.8	29	.1	.9	.1	74	.28	.111	3	21	1.61	201	.100	1	2.25	.013	.07	.1	.02	4.1	.1	<.05	11	<.5
STANDARD 357	20.0	109.0	65.4	437	9.5	45.5	9.5	625	2.37	49.0	4.8	58.1	4.5	71	5.3	5.8	4.5	85	.94	.080	13	169	1.05	371	.125	39	98	.080	.45	3.7	.17	2.7	4.2	.20	5	3.6

Sample type: SOIL SSBG BGC. Samples dec. m. mg. 'RE' are Borons and 'RRE' are Reject Borons.



SAMPLE#	Mn	Cu	Pb	Zn	Ag	W	Co	Mn	Fe	As	U	Au	Tl	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Se	Th	S	Ge	Te
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
G-1	.6	1.7	2.7	44	<.1	5.5	4.3	545	1.82	<.5	2.1	<.5	4.0	58	<.1	<.1	.1	37	.57	.090	7	47	52	210	131	1	.85	.060	.48	.1	<.01	2.1	4	<.05	5	<.5
L20150E 8200N	.7	27.7	4.8	165	.2	35.6	17.7	522	4.00	13.4	.9	3.1	1.5	31	1	.8	.1	96	.25	.081	4	54	1.18	159	136	2	3.98	.012	.07	.1	.04	4.7	.1	<.05	13	<.5
L20150E 8175N	.4	23.2	3.7	123	.1	21.5	16.8	136	3.37	11.5	.5	2.0	.9	37	1	1.2	.1	78	.41	.071	4	21	1.17	231	361	2	2.22	.009	.09	.1	.02	4.1	.1	<.05	11	<.5
L20150E 8150N	.3	26.8	4.4	161	.1	34.8	13.9	1013	2.86	25.2	.4	2.0	.8	39	2	.7	.1	70	.48	.039	3	39	35	247	376	2	1.91	.016	.21	<.1	.02	3.4	.1	<.05	9	<.5
L20150E 8125N	1.1	9.8	5.4	73	.2	15.3	9.8	415	2.69	21.6	.5	5.4	7	36	1	2.0	.1	50	.31	.039	4	19	54	181	315	1	1.75	.009	.11	.1	.02	2.2	.1	<.05	9	<.5
L20150E 8100N	.9	9.9	6.1	140	.3	23.3	11.7	427	2.81	14.2	.6	1.1	1.3	26	1	1.1	.2	51	.25	.064	5	21	59	275	356	2	2.34	.016	.07	.1	.02	2.5	.1	<.05	10	<.5
L20150E 8075N	1.2	29.4	12.9	97	.1	15.0	10.8	368	4.93	74.8	.6	2.4	1.4	27	<.1	2.6	.3	116	.32	.073	4	10	.69	111	306	4	1.45	.005	.06	.1	.02	3.3	.1	<.05	8	<.5
L20150E 8050N	.9	31.5	5.7	120	<.1	19.9	13.3	547	3.44	39.0	.5	1.3	1.3	28	1	1.4	.2	83	.31	.092	4	21	84	161	328	2	2.25	.008	.05	<.1	.01	3.5	.1	<.05	10	<.5
L20150E 8025N	1.1	13.7	5.6	161	.2	29.6	15.7	644	3.89	14.5	.6	2.0	1.2	38	<.1	2.3	.1	85	.29	.034	3	34	1.32	187	388	3	2.79	.012	.08	.1	.03	3.3	.1	<.05	11	<.5
L20150E 8000N	.9	22.9	6.7	94	.2	29.2	12.4	501	3.00	7.9	.5	2.5	1.0	35	2	.6	.1	50	.26	.173	4	29	59	149	386	2	2.77	.017	.03	<.1	.01	3.2	.1	<.05	9	<.5
L20150E 7975N	1.5	8.4	22.1	184	.2	14.3	5.7	740	1.83	8.0	.6	1.4	1.5	31	.1	.4	.4	36	.28	.138	3	17	37	151	358	3	2.03	.014	.09	.1	.02	2.4	.1	<.05	8	<.5
L20150E 7950N	1.0	12.1	17.3	222	.2	24.3	9.8	1235	2.45	5.4	.5	.8	1.2	60	.3	.4	.2	48	.62	.205	4	25	47	257	392	1	2.42	.015	.09	<.1	.04	2.7	.1	<.05	9	<.5
RE L20150E 7950N	1.1	12.0	17.6	223	.2	23.7	9.8	1222	2.48	5.1	.5	1.0	1.3	58	.4	.5	.3	50	.61	.200	3	26	45	252	391	2	2.43	.015	.10	.1	.03	2.6	.1	<.05	8	<.5
L20150E 7925N	.9	8.7	16.1	116	.2	13.5	5.1	646	1.52	5.2	.6	.5	.8	25	2	.3	.3	32	.15	.071	3	15	29	87	375	1	1.93	.013	.06	.1	.02	2.1	.1	<.05	8	<.5
L20150E 7900N	.7	17.3	7.7	156	<.1	42.7	15.5	1053	3.39	3.4	.5	3.0	1.2	61	2	.3	.2	75	.41	.061	3	42	86	174	367	2	3.42	.027	.07	<.1	.02	3.6	.1	<.05	10	<.5
L20150E 7875N	.9	14.5	5.8	144	.2	42.8	15.1	1203	2.83	2.0	.4	.6	.5	33	2	.2	.2	58	.32	.162	3	34	56	113	335	3	2.93	.031	.09	<.1	.03	3.3	.1	<.05	9	<.5
L20150E 7850N	1.6	20.6	5.1	71	<.1	47.3	15.9	448	3.27	2.4	.4	1.6	1.0	72	1	.2	.1	79	.37	.095	3	40	95	168	350	1	3.45	.027	.09	<.1	.02	3.6	<.1	<.05	9	<.5
L20150E 7825N	1.1	15.3	9.7	112	<.1	41.7	15.4	966	3.29	2.2	.6	<.5	1.2	47	3	.3	.3	74	.32	.098	4	39	56	166	343	1	3.57	.026	.09	<.1	.03	3.9	.1	<.05	10	<.5
L20150E 7800N	1.6	19.8	6.6	84	.1	40.3	15.4	519	3.94	4.5	.7	1.3	1.5	46	.1	.2	.1	78	.56	.179	5	36	58	157	371	2	2.93	.018	.13	<.1	.02	6.2	<.1	<.05	8	<.5
L20200E 8400N	.4	26.2	4.9	63	.1	44.7	14.7	371	3.00	4.6	.4	2.2	1.1	73	.1	.3	.1	74	.42	.127	4	38	80	160	336	<.1	3.10	.029	.03	<.1	.03	3.7	<.1	<.05	9	<.5
L20200E 8375N	.4	26.1	3.6	49	<.1	39.6	14.1	433	3.26	1.3	.7	1.6	1.4	123	.1	.1	<.1	91	.60	.040	9	43	97	112	385	<.1	2.67	.070	.10	<.1	.02	6.5	<.1	<.05	6	<.5
L20200E 8350N	.3	23.9	3.9	63	<.1	40.8	14.1	447	3.11	2.6	.4	1.8	1.1	33	1	.2	.1	77	.49	.093	3	36	84	190	358	1	2.76	.043	.09	<.1	.02	3.8	<.1	<.05	7	<.5
L20200E 8325N	.4	28.4	3.9	71	<.1	43.8	17.6	624	3.61	5.3	.5	2.4	1.2	87	.1	.3	.1	86	.61	.093	5	39	1.37	241	361	1	2.51	.045	.11	<.1	.02	5.1	.1	<.05	7	<.5
L20200E 8300N	.6	32.2	4.7	87	<.1	37.8	17.5	900	3.59	7.6	.9	1.4	1.9	51	.1	.6	.1	84	.43	.151	5	34	1.35	215	344	3	2.92	.024	.11	<.1	.02	4.6	<.1	<.05	10	<.5
L20200E 8275N	.4	25.5	5.2	74	<.1	24.6	13.5	507	3.09	8.2	.9	1.8	.5	52	.1	.7	.1	67	.61	.315	4	23	90	131	309	2	2.44	.010	.14	.1	.05	3.9	<.1	<.05	9	<.5
L20200E 8150N	.3	16.6	6.4	123	.1	24.4	13.9	896	2.79	7.0	.3	1.3	.6	38	.2	.5	.1	64	.51	.138	3	22	64	266	334	2	1.97	.014	.03	<.1	.04	2.8	.1	<.05	9	<.5
L20200E 8125N	.8	12.6	6.3	77	.3	17.6	8.2	314	2.28	9.7	.4	2.9	.7	39	.1	.7	.2	53	.30	.122	5	20	.43	163	372	1	1.99	.016	.07	.1	.02	2.2	<.1	<.05	9	<.5
L20200E 8100N	.8	13.9	5.9	77	.3	28.0	12.6	396	3.01	5.4	.3	2.5	.7	40	.1	.8	.1	71	.41	.145	3	31	67	210	375	1	2.35	.013	.11	.1	.02	2.8	<.1	<.05	13	<.5
L20200E 8075N	.9	8.5	5.7	95	.2	13.9	8.4	421	2.62	19.4	.5	1.6	.8	28	1	1.7	.1	63	.26	.079	4	15	31	140	324	<.1	1.76	.011	.07	.2	.02	1.8	.1	<.05	8	<.5
L20200E 8050N	1.1	12.3	5.7	143	.2	19.3	13.6	528	3.63	25.2	.6	6.3	1.2	30	.1	2.1	.1	64	.34	.112	4	21	69	140	334	1	2.01	.010	.07	.1	.02	3.0	.1	<.05	10	<.5
L20200E 8025N	.8	9.6	5.4	92	.1	20.9	10.4	491	2.61	10.6	.4	3.0	.8	28	<.1	1.4	.1	56	.26	.132	3	22	63	122	355	<.1	2.06	.014	.07	.1	.02	2.4	.1	<.05	8	<.5
L20200E 8000N	.8	26.1	4.4	62	<.1	40.9	16.3	509	3.76	9.1	.5	2.6	1.3	88	1	.8	.1	94	.41	.097	5	47	1.23	181	319	1	2.93	.028	.08	<.1	.01	4.1	<.1	<.05	8	<.5
L20200E 7975N	.9	19.5	6.2	96	.2	38.0	14.9	372	3.76	13.1	.7	1.5	1.3	41	.1	1.0	.2	63	.30	.150	4	37	.79	205	372	2	3.27	.017	.07	.1	.02	4.0	.1	<.05	9	<.5
L20200E 7950N	.9	15.4	9.9	175	.2	27.1	12.0	1514	2.71	5.0	.5	<.5	1.6	33	.2	.4	.2	59	.24	.168	3	36	.49	159	318	1	2.58	.018	.09	<.1	.03	2.7	.1	<.05	10	<.5
L20200E 7925N	.9	21.3	10.3	168	.2	40.4	13.1	634	3.19	4.7	.5	<.5	1.1	40	.2	.2	.2	71	.25	.085	3	40	.74	166	349	1	3.57	.019	.08	.1	.03	3.4	.1	<.05	10	<.5
STANDARD DS7	20.5	111.9	68.2	400	.9	54.2	9.4	609	2.35																											



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Mi	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
G-1	.4	2.1	2.3	44	<.1	5.4	4.1	473	1.73	<.5	2.3	<.5	3.9	50	<.1	<.1	.1	37	.53	.081	7	41	.55	190	.118	1	.79	.053	.42	.1	<.01	1.8	.3	<.05	5	<.5
L20200E 7900N	.7	11.8	8.2	142	.1	22.4	8.8	252	2.29	4.3	.4	.8	1.1	25	.2	.2	.2	55	.20	.109	3	25	.58	121	.117	1	2.43	.016	.05	.1	.05	2.1	<.1	<.05	9	<.5
L20200F 7875N	.6	11.4	14.9	101	.2	19.9	7.9	194	1.99	7.6	.4	<.5	1.3	33	.1	.2	.4	42	.26	.093	3	19	.34	135	.108	2	2.24	.016	.09	.1	.03	2.1	.1	<.05	9	<.5
L20200E 7850N	.7	9.6	12.7	119	.2	19.0	9.4	367	2.10	4.0	.5	<.5	1.6	30	.2	.3	.3	40	.24	.168	4	19	.32	130	.101	1	2.35	.017	.07	.1	.03	2.3	.1	<.05	10	<.5
L20200E 7825N	.7	19.1	7.4	65	.2	33.5	11.7	311	2.76	4.8	.7	<.5	1.3	42	.1	.3	.3	59	.29	.129	3	29	.64	156	.092	3	3.13	.015	.10	<.1	.03	3.8	<.1	<.05	9	<.5
L20200E 7800N	.6	23.2	7.5	70	.1	34.8	14.2	221	3.99	4.4	.7	<.5	1.9	59	<.1	.2	.1	78	.40	.164	6	34	.49	161	.031	2	3.93	.011	.11	<.1	.04	6.5	<.1	.06	9	<.5
STANDARD DS7	20.9	109.2	70.4	408	.9	56.3	9.7	643	2.41	49.0	4.9	68.6	4.4	72	6.6	5.8	4.6	87	.96	.081	13	370	1.06	384	.124	40	.98	.079	.46	3.8	.21	2.6	4.3	.20	5	3.6

Sample type: S011 SS80 60C.



GEOCHEM PRECIOUS METALS ANALYSIS



Tanqueray Resources Ltd. PROJECT Nicoaman File # A606040 Page 1

510 - 505 - 8th Ave S.W., Calgary AB T2P 1G2 Submitted by: Phillip Hudry

SAMPLE#	Au** ppb	Sample gm
G-1	2	30
L19700E 8400N	2	30
L19700E 8375N	2	30
L19700E 8350N	2	30
L19700E 8325N	4	30
L19700E 8300N	2	30
L19700E 8275N	2	30
L19700E 8250N	2	30
L19700E 8225N	2	30
L19700E 8200N	4	30
L19700E 8175N	2	30
L19700E 8150N	2	30
L19700E 8125N	2	30
L19700E 8100N	2	30
L19700E 8075N	2	30
L19700E 8050N	2	30
L19700E 8025N	2	30
L19700E 8000N	2	30
L19700E 7975N	2	30
L19700E 7950N	5	15
L19700E 7925N	2	30
L19700E 7900N	2	30
L19700E 7875N	4	30
L19700E 7850N	2	30
L19700E 7825N	2	30
L19700E 7800N	2	30
L19750E 8400N	3	30
RE L19750E 8400N	3	15
L19750E 8375N	4	30
L19750E 8350N	3	30
L19750E 8325N	5	30
L19750E 8300N	3	30
L19750E 8275N	2	30
L19750E 8250N	2	30
L19750E 8225N	3	30
STANDARD OXF41	816	30

GROUP 36 - FIRE BECHM AU - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
HIGH GRADE GOLD ASSAY RECOMMENDED FOR 30 GM ANALYSIS > 10ppm and 50 GM > 5ppm.
- SAMPLE TYPE: SOTL SS80 SOC Samples beginning 'RE' are Returns and 'RRE' are Reject Returns.

Data PA

DATE RECEIVED: SEP 6 2006 DATE REPORT MAILED:

10-26-06 P03:13 OUT





SAMPLE#	Au** ppb	Sample gm
G-1	<2	30
L19750E 8200N	2	30
L19750E 8175N	<2	30
L19750E 8150N	<2	30
L19750E 8125N	<2	30
L19750E 8100N	<2	30
L19750E 8075N	<2	30
L19750E 8050N	<2	30
L19750E 8025N	<2	30
L19750E 8000N	<2	30
L19750E 7975N	2	30
L19750E 7950N	<2	15
L19750E 7925N	<2	30
L19750E 7900N	<2	30
L19750E 7875N	<2	30
L19750E 7850N	<2	30
L19750E 7825N	<2	30
L19750E 7800N	<2	30
L19800E 8400N	<2	30
L19800E 8375N	4	30
L19800E 8350N	<2	30
L19800E 8325N	2	30
L19800E 8300N	<2	30
L19800E 8275N	2	30
L19800E 8250N	<2	30
L19800E 8225N	<2	30
L19800E 8200N	<2	30
L19800E 8175N	<2	30
L19800E 8150N	<2	30
L19800E 8125N	<2	30
L19800E 8100N	<2	30
L19800E 8075N	<2	30
L19800E 8050N	<2	30
RE L19800E 8050N	2	15
L19800E 8025N	<2	30
STANDARD OxF41	791	30

Sample type: SOIL SS80_60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
C-1	<2	30.0
L19800E 8000N	<2	30.0
L19800E 7975N	2	15.0
RE L19800E 7975N	3	5.0
L19800E 7950N	<2	30.0
L19800E 7925N	<2	30.0
L19800E 7900N	<2	30.0
L19800E 7875N	<2	30.0
L19800E 7850N	<2	30.0
L19800E 7825N	<2	30.0
L19800E 7800N	<2	30.0
L19850E 8400N	<2	30.0
L19850E 8375N	<2	30.0
L19850E 8350N	4	30.0
L19850E 8325N	5	30.0
L19850E 8300N	3	30.0
L19850E 8275N	6	30.0
L19850E 8250N	<2	30.0
L19850E 8225N	<2	30.0
L19850E 8200N	<2	30.0
L19850E 8175N	<2	30.0
L19850E 8150N	<2	30.0
L19850E 8125N	<2	30.0
L19850E 8100N	<2	30.0
L19850E 8075N	<2	30.0
L19850E 8050N	<2	30.0
L19850E 8025N	<2	30.0
L19850E 8000N	<2	15.0
L19850E 7975N	2	7.5
L19850E 7950N I.S.	-	-
L19850E 7925N	<2	15.0
L19850E 7900N	<2	30.0
L19850E 7875N	<2	30.0
L19850E 7850N	<2	30.0
L19850E 7825N	<2	30.0
STANDARD OxF41	801	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RR' are Reruns and 'RRB' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	2	30.0
L19850E 7800N	<2	30.0
L19900E 8400N	2	30.0
L19900E 8375N	<2	30.0
L19900E 8350N	5	30.0
L19900E 8325N	5	30.0
L19900E 8300N	19	30.0
L19900E 8275N	7	30.0
L19900E 8250N	<2	30.0
L19900E 8225N	2	30.0
L19900E 8200N	2	15.0
L19900E 8175N	<2	30.0
L19900E 8150N	<2	30.0
L19900E 8125N	<2	30.0
L19900E 8100N	<2	30.0
L19900E 8075N	<2	30.0
L19900E 8050N	<2	30.0
L19900E 8025N	2	30.0
L19900E 8000N	<2	15.0
L19900E 7975N	3	15.0
L19900E 7950N	<2	30.0
L19900E 7925N	4	15.0
L19900E 7900N	3	15.0
L19900E 7875N	3	30.0
L19900E 7850N	<2	30.0
L19900E 7825N	<2	7.5
L19900E 7800N	<2	30.0
L19950E 8400N	4	15.0
L19950E 8375N	4	30.0
RE L19950E 8375N	4	7.5
L19950E 8350N	6	30.0
L19950E 8325N	3	30.0
L19950E 8300N	5	30.0
L19950E 8275N	8	15.0
L19950E 8250N	30	30.0
STANDARD OxF11	796	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	<2	30
L19950E 8225N	8	30
L19950E 8200N	20	30
L19950E 8175N	<2	30
L19950E 8150N	10	30
L19950E 8125N	4	30
L19950E 8100N	<2	30
L19950E 8075N	<2	30
L19950E 8050N	<2	30
L19950E 8025N	<2	30
L19950E 8000N	<2	30
L19950E 7975N	<2	15
L19950E 7950N	<2	30
L19950E 7925N	<2	30
L19950E 7900N	<2	15
L19950E 7875N	<2	15
L19950E 7850N	<2	30
L19950E 7825N	<2	30
L19950E 7800N	<2	30
RE L19950E 7800N	<2	15
L20000E 8400N	376	15
L20000E 8375N	5	15
L20000E 8350N	30	30
L20000E 8325N	<2	30
L20000E 8300N	<2	30
L20000E 8275N	3	15
L20000E 8250N	8	30
L20000E 8225N	17	30
L20000E 8200N	14	30
L20000E 8175N	8	30
L20000E 8150N	5	30
L20000E 8125N	<2	30
L20000E 8100N	<2	30
L20000E 8075N	<2	30
L20000E 8050N	<2	30
STANDARD OxF41	803	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	<2	30
L20000E 8025N	<2	30
L20000E 8000N	<2	30
L20000E 7975N	<2	30
L20000E 7950N	<2	15
RE L20000E 7950N	<2	15
L20000E 7925N	<2	30
L20000E 7900N	<2	30
L20000E 7875N	<2	30
L20000E 7850N	<2	30
L20000E 7825N	<2	30
L20000E 7800N	<2	30
L20050E 8400N	5	30
L20050E 8375N	6	30
L20050E 8350N	2	30
L20050E 8325N	<2	30
L20050E 8300N	<2	30
L20050E 8275N	3	30
L20050E 8250N	<2	30
L20050E 8225N	<2	30
L20050E 8200N	<2	30
L20050E 8175N	4	30
L20050E 8150N	<2	15
L20050E 8125N	3	30
L20050E 8100N	<2	30
L20050E 8075N	<2	30
L20050E 8050N	<2	30
L20050E 8025N	<2	30
L20050E 8000N	<2	30
L20050E 7975N	<2	30
L20050E 7950N	<2	30
L20050E 7925N	<2	30
L20050E 7900N	<2	30
L20050E 7875N	<2	30
L20050E 7850N	<2	30
STANDARD OxF41	791	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	2	30
L20050E 7825N	<2	30
L20050E 7800N	<2	30
L20100E 8400N	<2	30
L20100E 8375N	<2	30
L20100E 8350N	5	30
L20100E 8325N	7	30
L20100E 8300N	3	30
L20100E 8275N	3	30
L20100E 8250N	6	30
L20100E 8225N	2	30
L20100E 8200N	7	30
L20100E 8175N	5	30
L20100E 8150N	<2	30
L20100E 8125N	7	30
L20100E 8100N	7	30
L20100E 8075N	<2	30
L20100E 8050N	2	30
L20100E 8025N	2	30
L20100E 8000N	2	30
L20100E 7975N	9	30
L20100E 7950N	2	30
L20100E 7925N	3	30
L20100E 7900N	<2	30
L20100E 7875N	2	30
L20100E 7850N	<2	30
L20100E 7825N	4	15
L20100E 7800N	5	30
L20150E 8400N	17	30
L20150E 8375N	4	30
L20150E 8350N	5	30
L20150E 8325N	5	30
L20150E 8300N	7	30
L20150E 8275N	6	30
RE L20150E 8275N	7	15
STANDARD OxF41	824	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	<2	30
L20150E 8200N	<2	30
L20150E 8175N	<2	30
L20150E 8150N	2	30
L20150E 8125N	6	30
L20150E 8100N	2	30
L20150E 8075N	6	30
L20150E 8050N	<2	30
L20150E 8025N	3	30
L20150E 8000N	<2	30
L20150E 7975N	<2	30
L20150E 7950N	<2	30
RE L20150E 7950N	<2	30
L20150E 7925N	<2	30
L20150E 7900N	<2	30
L20150E 7875N	<2	30
L20150E 7850N	<2	30
L20150E 7825N	<2	30
L20150E 7800N	<2	30
L20200E 8400N	<2	30
L20200E 8375N	<2	30
L20200E 8350N	<2	30
L20200E 8325N	3	30
L20200E 8300N	<2	30
L20200E 8275N	<2	30
L20200E 8150N	<2	30
L20200E 8125N	17	30
L20200E 8100N	<2	30
L20200E 8075N	<2	30
L20200E 8050N	4	30
L20200E 8025N	3	30
L20200E 8000N	11	30
L20200E 7975N	3	30
L20200E 7950N	2	30
L20200E 7925N	<2	30
STANDARD OxF41	804	30

Sample type: SOIL_SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	3	30
L20200E 7900N	2	30
L20200E 7875N	<2	30
L20200E 7850N	2	30
L20200E 7825N	<2	30
L20200E 7800N	2	15
STANDARD OxF41	810	30

Sample type: SOIL SS80 60C.---



GEOCHEMICAL ANALYSIS CERTIFICATE



Tanqueray Resources Ltd. File # A606698

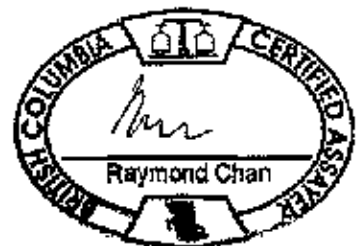
310 - 505 - 8th Ave S.W., Calgary AB T2P 1G2 Submitted by: Philip Muey

SAMPLE #	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	L	Au	Th	Sr	Cd	Sb	R	V	Ca	P	La	Cr	Hg	Ba	Tl	B	Al	Na	K	M	Hg	Sc	Ti	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
G-1	.2	2.3	3.0	45	<.1	3.6	4.3	525	1.95	<.5	2.7	1.1	4.1	76	<.1	<.1	.1	40	.58	.070	9	7	.58	243	142	2	1.08	.123	.54	.1	<.01	2.4	.3	<.05	5	<.5
18450 7300M	.4	26.6	5.1	64	<.1	21.8	13.1	478	2.95	8.9	.7	1.8	1.6	101	.1	.7	.1	78	.48	.109	8	25	.86	138	950	2	2.68	.013	.11	<.1	.03	5.6	.1	<.05	8	<.5
18450 7325N	.5	16.6	4.6	52	<.1	6.5	6.5	369	2.32	6.6	.4	1.3	.9	54	.1	.5	.1	55	.39	.060	5	8	.19	124	907	<.1	2.11	.012	.35	<.1	.02	3.8	<.1	<.05	6	<.5
18450 7350V	.8	21.6	6.0	74	.1	11.5	13.3	776	3.29	28.6	.6	1.6	.8	60	.1	.8	.1	32	.43	.115	5	15	.42	148	951	2	2.95	.013	.39	<.1	.04	4.2	.1	<.05	9	<.5
18450 7375N	.9	14.6	4.8	54	.2	8.2	6.5	422	2.18	12.6	.5	1.3	.4	44	.1	.3	.1	41	.40	.079	5	5	.21	148	310	<.1	2.13	.008	.37	<.1	.03	2.3	<.1	<.05	7	<.5
18450 7900N	1.7	15.3	4.4	61	.2	14.6	9.5	350	2.59	31.5	.6	<.5	.2	56	.2	.5	.1	56	.62	.054	9	16	.49	209	311	1	2.15	.010	.04	.1	.03	2.4	.1	<.05	7	<.5
18450 7925N	.5	14.5	5.9	80	.2	20.1	9.0	350	2.52	4.2	.4	<.5	.7	35	.2	.4	.1	58	.23	.159	4	22	.39	137	362	1	2.54	.011	.07	<.1	.04	2.7	<.1	<.05	8	<.5
18450 7950N	.5	16.4	6.0	76	.1	23.9	11.0	488	2.65	5.4	.4	<.5	.6	52	.2	.5	.1	70	.27	.107	4	25	.57	156	361	1	2.65	.012	.06	<.1	.05	3.2	<.1	<.05	9	<.5
18450 7475N	4	26.0	5.6	63	<.1	28.3	11.7	404	2.95	8.1	.5	.8	1.1	76	.1	.6	.1	75	.37	.079	7	27	.74	173	307	<.1	2.63	.013	.08	<.1	.03	4.3	<.1	<.05	8	<.5
18450 8000N	5	9.8	5.9	62	<.1	11.4	6.5	171	2.13	9.2	.4	.5	.7	44	.1	.4	.1	52	.22	.050	3	16	.37	145	360	<.1	1.92	.011	.05	<.1	.02	2.1	<.1	<.05	5	<.5
18450 8025N	.5	14.4	6.2	62	.2	18.3	10.7	399	3.13	5.1	.4	<.5	.8	55	.1	.3	.1	81	.19	.058	4	19	.61	121	362	2	3.31	.010	.09	<.1	.03	3.9	<.1	<.05	13	<.5
18450 8050N	5	17.0	7.6	58	.2	14.4	10.2	528	2.73	5.9	.5	<.5	.8	142	.1	.2	.1	69	.32	.061	6	17	.56	158	330	1	2.99	.011	.09	<.1	.04	4.4	<.1	<.05	9	<.5
18450 8075N	.6	16.3	6.4	51	.2	10.3	9.3	373	2.55	13.7	.9	<.5	.4	74	.2	.6	.1	62	.39	.044	7	20	.43	136	341	1	1.99	.013	.09	.1	.03	2.5	<.1	<.05	7	8
18450 8130N	.3	28.7	4.7	51	.2	30.4	11.6	658	2.76	10.5	2.7	1.3	.9	117	.2	.5	.1	67	.89	.058	19	28	.76	205	347	1	2.68	.022	.05	<.1	.03	7.3	.1	<.05	8	<.5
18450 8125N	.5	17.7	5.9	70	<.1	26.1	10.1	256	3.06	5.3	.5	<.5	.9	53	.1	.3	.1	64	.20	.100	5	27	.51	183	334	1	2.97	.013	.07	<.1	.04	3.5	<.1	<.05	9	<.5
18450 8150N	4	17.1	5.5	89	.1	21.3	9.5	1040	2.29	3.4	.6	<.5	.5	89	.1	.4	.1	56	.44	.075	8	23	.51	202	374	1	1.94	.016	.08	<.1	.03	3.2	<.1	<.05	7	<.5
PL 18450 8150M	.3	16.1	5.1	86	.1	19.3	9.7	1013	2.26	3.6	.5	<.5	.5	75	.2	.4	.1	58	.40	.077	8	23	.51	189	379	1	1.85	.015	.09	<.1	.03	3.0	<.1	<.05	7	<.5
18450 8175N	.6	16.8	5.9	101	<.1	25.3	12.6	308	3.24	24.1	.6	<.5	.9	40	.1	.2	.1	75	.33	.168	6	22	.56	170	347	1	2.94	.039	.07	.1	.02	4.0	<.1	<.05	10	<.5
18450 8200N	.5	19.9	6.0	85	<.1	34.5	13.6	396	3.12	6.9	.4	1.2	.9	39	.2	.4	.1	74	.22	.104	4	29	.62	166	381	2	3.23	.014	.06	<.1	.06	3.8	<.1	<.05	9	<.5
18450 8225N	.5	16.9	5.3	69	<.1	33.9	12.0	275	2.92	4.2	.4	.8	.9	45	.1	.4	.1	71	.25	.112	4	29	.54	139	388	1	3.64	.013	.07	<.1	.05	3.3	<.1	<.05	5	<.5
18450 8250N	.3	27.4	4.2	65	<.1	37.9	14.8	455	3.57	8.7	.6	1.8	1.6	125	.1	.7	.1	93	.58	.070	10	37	1.10	160	381	1	2.78	.020	.08	<.1	.01	7.5	.1	<.05	8	<.5
18450 8275N	.3	31.4	5.1	95	<.1	41.0	18.3	1042	3.31	8.5	.5	2.7	1.5	123	.1	.9	<.1	04	.95	.135	11	36	1.16	168	378	5	2.27	.042	.22	.1	.02	7.4	.1	<.05	7	<.5
18450 8300N	.5	22.5	4.7	90	<.1	37.8	14.3	423	3.33	7.7	.4	1.2	1.0	79	<.1	.5	.1	79	.39	.078	6	32	.84	146	366	1	3.09	.016	.08	<.1	.03	4.6	.1	<.05	8	<.5
18450 8325N	.3	23.5	5.3	58	.1	25.1	10.6	489	2.38	4.7	1.3	1.3	.9	97	.1	.4	.1	60	.68	.038	11	26	.63	250	371	1	2.00	.023	.05	<.1	.03	4.8	.1	<.05	6	<.5
18450 8350N	.4	23.3	3.2	69	.2	32.0	10.0	565	2.27	5.8	2.1	1.8	.6	171	.3	.5	.1	47	1.72	.067	25	25	.73	416	332	3	2.38	.018	.07	<.1	.12	6.6	.1	67	6	
18450 8375N	.3	14.4	5.2	67	.1	22.2	7.3	184	2.93	2.6	.7	.6	.6	74	.1	.3	.1	48	.66	.044	9	21	.42	252	375	1	2.96	.018	.04	<.1	.03	3.4	<.1	<.05	7	<.5
STANDARD 537	19.6	104.7	68.6	407	.9	53.7	9.2	628	2.32	46.6	4.9	59.2	4.5	70	6.2	5.6	4.6	83	.93	.076	12	168	1.63	368	125	37	90	.076	.44	3.9	.20	2.4	4.2	.20	4	3.4

GROUP 10X 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SENSITIVITY.
- SAMPLE TYPE: SOIL SS30 60C Samples beginning 'RE' are Reruns and 'RR' are Reject Reruns.

10-23-06 10:35:15 CUT

Data FA DATE RECEIVED: OCT 9 2006 DATE REPORT MAILED:





GEOCHEM PRECIOUS METALS ANALYSIS



Tanqueray Resources Ltd. File # A606698
505 9th Ave S.W., Calgary AB T2P 1A2 Submitted by: Phillip Hudry

SAMPLE#	Au** ppb	Sample gm
C-1	<2	30.0
L18450 7800N	<2	30.0
L18450 7825N	<2	30.0
L18450 7850N	<2	30.0
L18450 7875N	<2	30.0
L18450 7900N	<2	30.0
L18450 7925N	<2	30.0
L18450 7950N	<2	30.0
L18450 7975N	<2	30.0
L18450 8000N	<2	30.0
L18450 8025N	<2	30.0
L18450 8050N	<2	30.0
L18450 8075N	<2	30.0
L18450 8100N	<2	7.5
L18450 8125N	<2	30.0
L18450 8150N	<2	30.0
RE L18450 8150N	<2	7.5
L18450 8175N	<2	30.0
L18450 8200N	<2	30.0
L18450 8225N	<2	30.0
L18450 8250N	<2	30.0
L18450 8275N	<2	30.0
L18450 8300N	<2	30.0
L18450 8325N	<2	15.0
L18450 8350N	<2	7.5
L18450 8375N	<2	30.0
STANDARD OXF41	796	30.0

GROUP 38 - FIRE GEOCHEM AU - 30 GM SAMPLE FUSION, CORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS - 10 PPM.

GROUP 6 AU RECOMMENDED IF >10PPM FOR 30 GM, >5PPM FOR 50 GM.

SAMPLE TYPE: SOIL S580 63C Samples beginning 'RE' are Retuns and 'RR' are Reject Retuns.

Data 1 FA

DATE RECEIVED: OCT 9 2006 DATE REPORT MAILED: 10-21-06 04:56 OUT





SAMPLE#	Pb	Cu	Pb	Zn	Ag	Bi	Co	Mn	Fe	As	L	Au	Th	Sr	Cd	Sb	Bi	V	Ca	F	La	Cr	Mg	Ba	Ti	B	Al	Na	K	M	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
G-1	.2	2.7	2.9	42	<.1	3.5	3.9	482	2.14	.5	2.5	<.5	3.9	69	<.1	<.1	.1	44	.53	.063	9	6	48	153	130	2	.95	104	46	.1	<.01	1.9	.4	<.05	5	<.5
L17350E 8450N	2.1	32.1	3.9	68	<.1	35.4	14.6	419	3.72	1.8	.6	.6	1.4	44	.1	.2	.1	190	.35	.025	6	40	76	265	151	2	2.35	.019	.10	<.1	.01	4.3	<.1	<.05	6	<.5
L17350F 8475W	1.9	29.7	6.0	98	<.1	32.7	15.9	1100	3.32	2.4	.7	<.5	1.4	41	.1	.3	.1	82	.33	.086	10	34	50	259	113	3	2.82	.012	.10	<.1	.04	3.9	.1	<.05	8	<.5
L17350E 8400N	3.1	45.1	3.0	73	<.1	35.2	15.3	407	4.41	4.9	.6	<.5	2.4	59	<.1	.4	.1	132	.45	.042	9	35	76	273	976	1	2.53	.012	.11	<.1	.01	7.2	<.1	<.05	7	<.5
L17400E 9100N	.2	15.4	4.3	71	<.1	21.7	11.4	373	2.64	1.1	.4	<.5	1.1	57	.1	.1	.1	57	.53	.056	6	26	63	78	922	7	1.58	.012	.11	<.1	.02	4.4	.1	<.05	5	<.5
L17400E 8975W	.4	44.1	5.2	74	<.1	65.9	27.3	858	4.31	1.7	.8	1.2	2.5	90	.2	.1	<.1	93	1.05	.106	22	45	1.38	123	.935	9	2.57	.018	.09	<.1	.02	10.7	.1	<.05	7	<.5
L17400E 8950N	.3	29.5	4.3	60	<.1	44.1	16.0	545	3.92	1.1	.4	.6	1.1	59	.1	.5	.1	72	.68	.102	7	43	32	109	.973	16	2.13	.026	.10	<.1	.02	8.3	<.1	<.05	6	<.5
L17400E 8925W	.3	36.1	4.6	64	<.1	40.6	17.4	563	3.80	1.1	.6	.6	1.9	38	.1	.1	.1	112	.59	.066	12	45	1.34	71	.156	4	1.93	.044	.10	<.1	.02	7.2	.1	<.05	6	<.5
L17400F 8900N	.3	25.0	3.2	53	<.1	30.6	11.5	415	2.89	1.1	.5	.9	1.2	34	.1	.1	<.1	88	.55	.067	8	36	.78	53	.142	2	1.73	.058	.08	<.1	.02	5.5	<.1	.06	5	<.5
L17400E 8875W	.4	15.8	6.7	61	<.1	26.0	9.6	359	2.75	.8	.4	<.5	1.0	52	.1	.1	.1	52	.33	.110	3	29	.35	159	.116	1	2.38	.021	.08	<.1	.02	2.9	<.1	<.05	7	<.5
L17400E 8850N	.4	17.9	6.0	66	<.1	24.4	11.9	507	3.30	<.5	.4	<.5	1.6	50	.1	.1	.1	94	.38	.045	5	38	.41	127	.155	1	1.99	.029	.06	<.1	.02	4.7	<.1	<.05	5	<.5
L17400F 8825W	.5	13.2	7.2	92	<.1	30.1	11.1	535	2.98	.7	.3	<.5	1.2	53	.1	.1	.1	51	.37	.172	4	36	.35	127	.094	2	2.77	.017	.08	<.1	.03	3.5	<.1	<.05	7	<.5
L17400E 8800W	.6	12.3	4.6	65	<.1	33.5	9.9	352	2.76	.5	.4	<.5	.8	49	<.1	.1	.1	81	.29	.062	2	67	.52	60	.206	1	2.16	.037	.03	<.1	.01	2.2	<.1	<.05	6	<.5
L17400E 8775W	.3	21.8	5.3	57	<.1	45.5	15.2	353	3.55	.8	.4	.6	1.1	57	<.1	.1	.1	88	.34	.066	3	56	.90	75	.760	3	2.07	.031	.04	<.1	.01	3.7	<.1	<.05	7	<.5
L17400E 8750W	.2	10.2	5.5	70	<.1	14.7	6.0	244	1.73	.5	.3	<.5	.8	41	.1	.1	.1	46	.25	.022	5	22	.33	76	.126	2	1.21	.025	.04	<.1	.01	2.4	<.1	<.05	4	<.5
L17400E 8725W	.4	26.7	6.8	110	<.1	37.2	12.3	296	2.96	.8	.5	<.5	1.4	41	.1	.1	.1	57	.23	.130	5	35	.42	188	.116	2	3.80	.017	.06	<.1	.02	4.0	<.1	<.05	9	<.5
L17400E 8700N	.2	12.0	7.2	83	<.1	15.9	6.0	243	2.15	.5	.4	<.5	.7	47	.1	.1	.1	52	.25	.023	5	32	.33	81	.174	2	1.43	.021	.03	<.1	.01	2.0	<.1	<.05	5	<.5
L17400E 8675W	.2	15.8	6.7	70	<.1	24.6	8.0	209	2.45	.7	.5	.7	1.1	49	<.1	.1	.1	62	.32	.030	7	35	.46	91	.176	<.1	1.83	.022	.05	<.1	<.01	3.8	<.1	<.05	5	<.5
L17400E 8650N	.3	20.8	5.4	88	<.1	25.5	11.6	458	3.41	1.3	.4	.5	1.1	70	.1	.1	.1	88	.42	.083	7	40	.69	118	.136	3	2.35	.018	.06	<.1	.01	4.5	<.1	<.05	7	<.5
L17400F 8625W	.2	25.0	6.1	76	<.1	31.2	12.1	427	3.72	.9	.4	<.5	1.1	68	.1	.1	.1	52	.36	.062	5	42	.62	163	.186	2	2.31	.023	.09	<.1	.01	4.3	<.1	<.05	6	<.5
L17400E 8600N	.3	38.3	4.6	75	<.1	37.5	14.4	491	3.37	1.2	1.1	<.5	1.4	82	.1	.1	.1	72	.61	.106	18	39	.60	134	.116	3	2.67	.030	.08	<.1	.03	7.7	<.1	<.05	7	<.5
L17400E 8575W	6.6	85.5	4.6	94	<.1	29.4	16.0	274	4.43	6.5	.6	<.5	1.8	25	<.1	2.6	.1	99	.33	.125	5	14	.29	169	.039	3	1.85	.010	.09	.1	.03	6.5	.1	<.05	5	<.5
L17400E 8550N	4.0	40.2	3.3	85	<.1	38.9	14.5	461	4.63	4.8	.4	<.5	.8	27	<.1	1.9	.1	134	.36	.060	5	62	.31	209	.071	2	1.62	.011	.07	.1	.01	7.8	.1	<.05	6	<.5
L17400F 8525W	1.2	17.7	6.2	116	.1	29.0	11.2	616	2.84	2.5	.4	<.5	1.2	43	.2	.3	.1	57	.50	.466	5	27	.35	272	.098	4	2.78	.012	.12	.1	.02	2.7	<.1	<.05	8	<.5
L17400E 8500W	3.3	9.7	7.6	64	<.1	15.1	7.0	353	1.81	1.5	.4	<.5	1.2	24	.1	.2	.2	38	.27	.165	5	17	.21	163	.093	2	1.73	.014	.08	<.1	.04	2.0	<.1	<.05	9	<.5
L17400E 8475W	5.4	29.2	6.0	98	<.1	32.4	14.6	1633	3.21	2.4	.5	<.5	1.2	34	.2	.4	.1	71	.34	.109	7	30	.37	317	.035	1	2.63	.011	.06	<.1	.03	4.1	<.1	<.05	8	<.5
L17400E 8450N	6.9	32.9	5.4	96	.1	38.3	13.1	739	3.20	2.6	.6	<.5	1.4	23	.1	.2	.1	69	.30	.074	8	32	.55	209	.102	3	3.25	.013	.09	<.1	.03	3.7	<.1	<.05	8	<.5
L17400E 8425W	1.6	5.3	4.4	93	<.1	6.2	5.1	1098	1.71	1.6	.4	<.5	1.4	18	.1	.4	.1	33	.22	.049	8	6	.12	201	.017	1	1.29	.008	.08	<.1	.03	1.4	.1	<.05	6	<.5
L17400E 8400N	4.5	26.9	6.7	117	<.1	48.0	14.1	830	3.29	3.3	.4	.6	1.2	31	.2	.4	.1	71	.29	.085	5	35	.54	294	.122	1	3.27	.013	.08	<.1	.02	3.4	<.1	<.05	9	<.5
L17450E 9300W	.3	20.5	4.8	78	<.1	41.5	12.6	480	3.76	1.3	.4	<.5	1.2	64	.1	.1	.1	60	.44	.139	4	33	.58	168	.126	3	2.95	.022	.13	<.1	.02	4.6	<.1	<.05	7	<.5
L17450E 8975W	.3	20.2	4.7	59	<.1	34.1	12.6	397	3.90	1.0	.4	<.5	1.0	68	.1	.2	.1	70	.56	.066	5	45	.58	144	.099	3	1.95	.027	.10	<.1	.02	6.9	<.1	<.05	5	<.5
L17450E 8950W	.4	29.9	4.3	51	.1	41.6	15.0	642	3.15	2.6	1.3	.6	.8	151	.2	.2	.1	64	1.26	.058	9	38	.87	170	.060	13	1.84	.027	.05	<.1	.04	7.4	<.1	<.05	5	<.6
L17450E 8925W	.4	25.8	5.4	72	<.1	45.8	19.5	1326	3.63	1.5	.5	<.5	1.2	82	.2	.1	.1	72	.74	.120	9	38	.84	150	.064	5	2.46	.025	.09	<.1	.04	8.5	.1	<.05	6	<.5
L17450F 8900W	.3	19.2	4.6	71	<.1	33.3	12.5	450	3.07	.9	.5	<.5	1.3	81	.1	.1	.1	71	.54	.089	6	33	.68	107	.117	2	2.08	.032	.11	<.1	.02	5.9	<.1	<.05	6	<.5
RE L17450E 8900W	.3	23.3	4.8	72	<.1	33.0	13.2	453	3.07	1.0	.6	<.5	1.4	84	.1	.1	.1	70	.54	.087	6	35	.72	107	.122	4	2.09	.032	.11	<.1	.02	5.7	<.1	<.05	5	<.5
STANDARD 057	20.5	107.7	69.6	436	.9																															



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Mn	Co	Ni	Fe	As	V	Au	Tl	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	R	Al	Na	K	W	Hq	Se	Tl	S	Sa	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	µg/g	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
C-1	.1	3.5	25.2	38	.1	2.9	3.4	443	1.84	1.1	2.7	1.3	4.4	77	<.1	.2	.1	36	.57	.075	9	7	.46	189	107	<.1	.97	.135	.47	.1	<.01	2.6	.3	<.05	4	.5
17450F 8875N	.4	20.1	5.4	63	<.1	25.3	11.3	319	2.99	1.3	.4	.0	1.3	04	.1	<.1	.1	69	41	.081	4	31	55	141	135	3	1.75	.035	.09	<.1	.02	4.1	<.1	<.05	4	<.5
17450E 8650N	.4	14.7	3.1	68	<.1	42.4	16.0	428	3.75	.6	.2	1.0	.7	74	.1	<.1	.1	74	.48	.065	6	62	1.30	82	106	1	2.80	.037	.06	<.1	.01	7.9	<.1	<.05	6	.6
17450E 8825N	.3	20.3	5.8	57	<.1	23.3	12.0	513	3.58	.5	.4	1.0	1.9	77	.1	<.1	.1	87	.40	.037	7	39	.45	118	156	2	1.76	.037	.06	<.1	.01	5.7	<.1	<.05	5	<.5
17450E 8800N	.4	19.3	6.4	73	<.1	29.0	14.3	467	3.63	1.3	.5	<.5	1.9	75	.1	<.1	.1	82	.41	.096	6	43	.41	152	115	2	2.77	.023	.12	<.1	.01	5.4	<.1	<.05	7	.7
RE L17450E 8800N	.4	19.5	6.3	76	<.1	28.7	13.6	467	3.52	.9	.5	.5	1.9	74	.1	.1	.1	83	.41	.088	6	38	.42	152	109	1	2.68	.022	.12	<.1	.01	5.1	<.1	<.05	7	.5
17450E 8775N	.4	21.4	4.6	70	<.1	33.3	12.2	434	3.33	.6	.4	.8	1.1	58	<.1	<.1	.1	95	.33	.056	3	55	.59	75	216	1	1.92	.037	.05	<.1	.01	4.3	<.1	<.05	5	.6
17450F 8750N	.2	10.8	5.2	61	<.1	10.9	4.9	201	1.94	.7	.2	.5	.5	35	<.1	<.1	.1	48	.18	.020	2	26	.23	65	144	1	1.18	.027	.03	<.1	.01	1.9	<.1	<.05	3	<.5
17450E 8725N	.4	27.4	5.2	97	<.1	26.8	11.4	519	3.55	1.2	.4	<.5	1.1	54	.1	.1	.1	97	.33	.052	5	46	.52	193	176	2	1.90	.021	.06	<.1	.02	4.1	<.1	<.05	5	<.5
17450E 8700N	.4	15.0	5.3	84	<.1	11.9	7.6	396	2.23	.5	.2	1.0	.5	49	<.1	<.1	.1	54	.30	.054	4	29	.29	62	130	2	1.12	.017	.08	<.1	.01	2.2	<.1	<.05	4	<.5
17450F 8675N	.2	19.8	4.7	61	<.1	22.0	9.3	384	2.55	.7	.5	.0	1.0	79	.1	<.1	.1	62	.50	.031	14	29	.56	03	127	2	1.54	.030	.05	<.1	.03	5.0	<.1	<.05	4	<.5
17450E 8650N	.4	26.8	4.8	71	<.1	29.7	12.9	382	3.52	1.4	.3	.8	1.1	77	.1	.1	.1	81	.42	.062	4	40	.79	105	136	3	2.17	.022	.07	<.1	.01	4.5	<.1	<.05	5	.5
17450E 8625N	.3	15.4	5.0	57	<.1	20.2	8.6	291	2.45	<.5	.3	<.5	.7	48	<.1	<.1	.1	64	.29	.043	5	29	.43	54	132	1	1.88	.025	.05	<.1	.01	2.9	<.1	<.05	5	.6
17450E 8600N	.3	21.6	4.5	76	<.1	22.5	10.3	373	2.97	.8	.3	.8	.9	62	.1	<.1	.1	77	.35	.051	4	35	.57	192	154	2	1.60	.032	.06	.1	.01	3.2	<.1	<.05	5	.6
17450F 8575N	.9	26.5	8.5	66	<.1	30.4	13.8	436	3.35	2.2	.5	<.5	1.2	64	.1	.1	.1	78	.50	.119	7	35	.80	93	104	2	2.56	.033	.06	.3	.04	4.8	<.1	<.05	6	.7
17450E 8550N	.5	26.7	4.2	76	<.1	35.6	14.0	544	3.49	1.5	.5	<.5	1.4	76	<.1	.1	.1	97	.45	.075	10	42	.87	126	142	2	2.09	.031	.07	<.1	.01	5.6	.1	<.05	5	.5
17450E 8525N	.8	26.1	4.5	77	<.1	42.5	13.7	474	3.14	1.9	.4	1.3	1.2	51	.1	.1	.1	69	.36	.108	6	42	.75	169	108	2	3.19	.019	.08	<.1	.02	3.5	<.1	<.05	8	<.5
17450E 8500N	.0	17.9	4.8	103	<.1	32.4	12.0	594	2.58	1.7	.3	<.5	.9	41	.2	.1	.1	57	.36	.196	4	32	.50	178	092	1	2.81	.019	.09	<.1	.02	3.2	<.1	<.05	7	.5
17450F 8475N	.9	29.6	3.9	70	<.1	42.3	15.6	508	3.65	2.9	.6	.7	1.7	77	.1	.1	.1	53	.51	.065	10	47	1.06	184	115	1	2.87	.030	.06	<.1	.01	7.3	.1	<.05	7	.5
17450E 8450N	.7	23.3	5.0	83	<.1	34.1	14.2	1228	3.25	2.5	.3	.9	.6	73	.2	.3	.1	69	.65	.064	4	41	.63	151	113	1	2.46	.022	.08	<.1	.03	3.4	<.1	<.05	7	<.5
17450E 8425N	.0	25.0	5.0	72	<.1	34.7	14.8	746	3.73	1.5	.3	<.5	.9	54	.1	.1	.1	90	.36	.060	5	39	.60	143	123	1	2.87	.017	.05	<.1	.02	4.2	<.1	<.05	7	<.5
17450E 8400N	1.3	24.3	4.7	67	<.1	35.2	14.0	605	3.51	2.0	.4	<.5	.9	42	.1	.1	.1	84	.31	.080	5	40	.65	173	105	1	3.84	.012	.16	<.1	.03	3.9	<.1	<.05	9	.5
17500F 9090N	.3	19.9	4.4	51	<.1	29.6	12.4	473	2.98	.8	.6	1.1	1.5	81	.1	.1	<.1	75	.42	.039	9	33	.66	80	162	3	1.82	.039	.08	<.1	.01	5.8	<.1	<.05	5	.6
17500E 8975N	.3	24.8	3.3	59	<.1	27.4	11.7	493	3.30	<.5	.4	1.7	1.2	80	<.1	<.1	.1	78	.36	.033	9	38	.62	89	185	3	1.61	.049	.08	<.1	.01	6.6	<.1	<.05	4	.7
17500E 8950N	.5	14.2	3.6	58	<.1	25.1	9.2	433	2.63	.6	.3	.9	.8	70	.1	<.1	.1	55	.44	.126	3	35	.42	112	102	2	1.65	.037	.09	<.1	.01	3.5	<.1	<.05	4	<.5
17500F 8925N	.6	19.6	3.8	87	<.1	29.4	13.0	906	3.05	.6	.3	<.5	.6	66	.2	.1	.1	54	.47	.175	5	35	.63	147	098	2	1.84	.031	.11	<.1	.02	5.3	<.1	<.05	4	<.5
17500E 8900N	.4	20.2	5.2	100	<.1	27.7	11.9	578	3.69	1.2	.3	<.5	.9	46	.1	.1	.1	56	.41	.171	3	35	.44	125	063	2	2.78	.018	.08	<.1	.02	6.2	<.1	<.05	6	<.5
17500E 8875N	.4	20.3	5.2	93	<.1	39.2	15.6	559	3.79	1.2	.3	<.5	1.2	53	.1	.1	.1	62	.37	.213	4	31	.61	134	049	1	2.85	.018	.97	<.1	.03	6.0	<.1	<.05	7	<.5
17500E 8850N	.4	26.3	5.0	87	<.1	37.7	18.1	496	4.13	.9	.4	<.5	1.1	98	.1	.1	.1	73	.60	.175	5	34	1.12	151	091	2	2.75	.022	.09	<.1	.02	5.3	.1	<.05	7	<.5
17500F 8825N	.3	12.1	4.1	77	<.1	37.4	14.6	665	2.67	.6	.2	<.5	.7	76	.1	.1	.1	57	.50	.238	3	35	.78	132	067	2	2.73	.025	.06	<.1	.02	4.2	<.1	<.05	6	<.5
17500E 8800N	.5	19.2	5.7	75	<.1	29.0	12.3	508	3.40	.5	.4	.7	1.6	67	.1	.1	.1	76	.38	.116	4	35	.44	139	110	2	2.63	.021	.09	<.1	.02	4.6	<.1	<.05	6	.6
17500E 8775N	.4	25.4	6.1	68	<.1	29.2	13.7	459	3.71	1.3	.5	.7	2.1	38	.1	.1	.1	103	.44	.076	7	36	.54	143	128	3	2.20	.025	.07	.1	.02	5.6	<.1	<.05	6	.7
17500F 8750N	.3	20.1	3.9	51	<.1	30.8	12.3	348	3.42	.9	.4	.6	1.4	33	.1	.2	.1	94	.44	.051	5	47	.69	146	126	3	2.28	.032	.05	<.1	.01	6.0	<.1	<.05	5	<.5
17500E 8725N	.3	13.3	5.5	59	<.1	19.0	8.0	255	2.02	.5	.3	.7	.7	38	<.1	.1	.1	59	.25	.655	4	26	.31	74	114	<.1	1.79	.020	.06	<.1	.02	2.5	<.1	<.05	5	<.5
17500E 8700N	.2	11.4	6.5	49	<.1	15.1	6.3	203	1.93	<.5	.4	.8	.9	53	.1	.1	.1	45	.31	.616	5	25	.35	67	138	2	1.52	.034	.03	<.1	.01	2.9	<.1	<.05	4	<.5
STANDARD DS7	20.0	105.4	63.0	408	.9	48.8	9.4	617	2.36	48.4	5.6	61	1.4	70	6.0	6																				



SAMPLE #	Mo	Cu	Pb	Zn	Ag	Mn	Co	Mn	Fe	As	U	Au	Hg	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Se	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
17500F 8675N	.1	2.3	3.7	4.7	<.1	3.2	3.8	52/ 1.02	<.5	2.6	.9	4.2	73	<.1	<.1	.1	39	.60	0.77	8	7	.57	215	132	1	1.03	134	50	1	<.01	7.3	.4	<.05	5	<.5	
17500E 8650N	.3	26.5	8.7	51	<.1	29.6	7.4	259 2.31	1.0	1.3	.9	1.3	95	.1	1	.1	50	.72	.040	22	31	.61	112	.102	2	2.24	.936	.95	<.1	.05	9.4	.1	.06	5	<.5	
17500E 8625N	.4	23.9	6.5	66	<.1	35.7	12.6	324 3.36	1.0	.4	1.1	1.0	66	.1	1	.3	97	.39	.065	3	45	.61	116	100	1	2.80	.327	.95	<.1	.01	3.5	<.1	<.05	7	<.5	
17500E 8600N	.2	17.0	6.7	52	<.1	19.3	6.9	244 2.29	<.5	.5	1.9	1.1	61	.1	.1	.1	59	.35	.915	7	35	.39	66	159	3	1.59	.950	.04	<.1	.01	3.9	<.1	<.05	4	<.5	
17500E 8575N	.2	16.0	6.5	53	<.1	23.0	8.3	291 2.52	.6	6	1.3	1.3	67	1	1	.1	60	.39	.918	6	36	.60	71	.166	1	1.84	.950	.04	<.1	.01	5.0	<.1	<.05	5	.5	
17500E 8550N	.3	29.2	5.4	76	<.1	45.2	16.2	422 3.98	1.7	.5	1.1	1.5	81	1	1	.1	98	.47	.155	5	45	.92	167	139	3	3.40	.919	.10	<.1	.02	4.7	<.1	<.05	9	<.5	
17500E 8525N	.3	27.3	5.4	52	<.1	37.5	13.5	387 3.13	.7	.9	1.1	1.3	70	1	.1	.1	72	.65	.932	18	42	.93	92	.135	2	2.39	.940	.06	<.1	.03	7.6	<.1	<.05	6	<.5	
17500E 8500N	.4	19.9	7.7	62	<.1	34.9	11.5	774 7.59	.9	.4	1.2	.9	34	1	.1	.1	54	.24	.971	4	31	.54	109	.998	2	2.80	.922	.05	<.1	.02	3.4	<.1	<.05	9	<.5	
17500E 8475N	.8	27.8	5.9	68	<.1	44.1	16.3	454 3.53	2.7	.5	<.5	1.1	51	1	1	1	01	.34	.967	6	41	.81	154	.107	2	3.63	.921	.05	<.1	.02	4.7	<.1	<.05	9	<.5	
17500E 8450N	1.7	24.4	6.8	65	<.1	36.0	14.9	588 3.28	2.9	.4	1.3	.8	53	1	.2	.1	91	.42	.930	4	38	.53	137	.115	1	3.02	.919	.08	<.1	.02	3.2	<.1	<.05	9	<.5	
17500E 8425N	1.0	29.7	7.0	74	<.1	35.9	16.3	460 3.55	2.1	.5	.7	1.4	41	.1	.1	.1	73	.30	.101	5	37	.58	157	.117	1	4.34	.916	.11	<.1	.04	4.0	<.1	<.05	10	<.5	
17500E 8400N	.7	25.8	7.2	68	<.1	36.9	16.0	911 3.33	1.6	.5	<.5	.9	43	2	1	.1	71	.46	.100	5	35	.73	135	.095	1	3.25	.918	.05	<.1	.02	3.8	<.1	<.05	9	<.5	
17550E 8400N	.3	18.5	5.4	52	<.1	18.9	7.6	305 2.73	.6	.3	.9	.8	51	<.1	.1	.1	56	.30	.032	3	36	.36	99	.136	2	1.49	.930	.06	<.1	.01	3.1	<.1	<.05	4	<.5	
17550E 8375N	.4	10.8	5.1	66	<.1	62.5	25.5	581 4.96	.7	.3	1.0	.9	75	.1	.1	.1	74	.58	.074	8	47	1.53	79	.080	2	2.29	.958	.09	<.1	.91	7.3	<.1	<.05	5	<.5	
17550E 8350N	.3	17.7	2.4	61	<.1	56.7	21.5	392 4.02	.7	.4	.8	1.3	67	.1	.1	<.1	79	.57	.079	13	55	1.66	53	.065	4	1.61	.971	.05	.1	.91	7.7	<.1	<.05	4	<.5	
17550E 8325N	3	18.4	3.0	69	<.1	42.4	14.6	293 3.58	.8	.4	.7	1.2	67	.1	.1	<.1	78	.54	.072	13	51	.96	74	.092	3	1.58	.967	.15	<.1	.92	7.3	<.1	<.05	4	<.5	
17550E 8300N	3	32.2	4.9	69	<.1	49.6	17.2	519 4.23	1.9	.6	.8	1.7	81	.1	.3	<.1	84	.72	.067	13	52	.97	103	.069	5	2.37	.927	.15	<.1	.99	16.6	1	<.05	6	<.5	
17550E 8275N	3	24.4	6.8	89	<.1	45.3	14.6	431 3.84	1.1	.5	.5	1.4	65	.1	.1	.1	59	.71	.232	9	41	.55	152	.055	4	2.52	.922	.14	<.1	.92	8.5	1	<.05	6	<.5	
17550E 8250N	4	27.8	6.5	70	<.1	38.7	15.0	412 3.91	1.7	.6	1.2	1.0	101	.1	.2	.1	90	.65	.031	8	45	.88	149	.073	5	2.37	.928	.05	<.1	.93	7.3	<.1	<.05	7	<.5	
17550E 8225N	4	22.8	5.9	36	<.1	56.0	19.5	451 4.24	3.2	.5	.8	1.2	112	.1	.2	.1	65	.58	.213	6	40	.91	196	.038	4	3.17	.918	.10	<.1	.92	7.5	<.1	<.05	8	<.5	
RE 17550E 8225N	4	22.2	5.8	35	<.1	52.2	19.3	444 4.26	3.4	.5	.7	1.3	113	.1	.2	.1	65	.56	.216	6	42	.92	200	.038	5	3.22	.918	.11	<.1	.92	7.5	<.1	<.05	7	<.5	
17550E 8200N	4	12.5	3.5	95	<.1	50.2	16.5	335 3.37	.7	.3	<.5	.8	64	.1	.1	.1	61	.46	.191	4	35	1.11	94	.075	1	2.92	.933	.06	<.1	.93	4.0	<.1	<.05	7	<.5	
17550E 8175N	4	18.2	5.8	70	<.1	40.1	13.5	333 3.37	1.1	.4	.6	1.4	57	.1	.1	1	74	.34	.116	4	45	.53	188	.129	<.1	3.29	.927	.11	<.1	.91	4.9	<.1	<.05	7	<.5	
17550E 8150N	4	22.3	5.6	66	<.1	41.8	15.2	503 3.78	1.1	.4	.8	1.7	59	.1	1	1	92	.37	.093	4	43	.63	165	.136	1	2.68	.925	.11	<.1	.92	5.1	<.1	<.05	7	<.5	
17550E 8125N	5	14.5	5.8	73	<.1	30.3	11.4	483 3.05	.7	.3	<.5	1.2	47	.1	.1	1	72	.30	.030	4	40	.39	114	.128	1	2.47	.923	.06	<.1	.92	3.5	<.1	<.05	5	<.5	
17550E 8100N	4	20.0	5.9	97	<.1	49.3	13.3	260 3.21	1.0	.4	.5	1.3	53	.1	.1	1	62	.35	.288	5	38	.53	191	.100	1	3.58	.919	.09	.1	.91	5.9	<.1	<.05	9	<.5	
17550E 8075N	3	18.9	5.5	54	<.1	20.3	9.7	440 2.61	<.5	4	1.0	.9	60	.1	1	1	70	.36	.025	9	34	.37	71	.155	<.1	1.61	.934	.04	<.1	.91	3.8	<.1	<.05	4	<.5	
17550E 8050N	4	22.9	8.1	59	<.1	37.5	12.7	358 2.69	.9	.4	.9	1.4	60	.1	.1	.1	85	.35	.089	4	42	.50	160	.142	1	2.54	.925	.06	<.1	.92	3.5	<.1	<.05	7	<.5	
17550E 8025N	3	13.7	6.5	45	<.1	17.5	6.8	214 2.14	.5	.3	<.5	.7	43	.1	.1	.1	56	.27	.028	4	34	.27	64	.131	<.1	1.61	.932	.04	<.1	.91	2.3	<.1	<.05	4	<.5	
17550E 8000N	3	16.6	7.2	55	<.1	27.0	8.4	246 2.65	.5	.4	1.3	1.9	58	<.1	1	1	67	.39	.030	6	36	.46	103	.142	<.1	2.17	.933	.04	<.1	.91	3.5	<.1	<.05	6	<.5	
17550E 8575N	.2	27.1	5.9	52	<.1	31.5	11.8	359 3.11	.6	.8	.5	1.5	81	.1	.1	.1	74	.49	.031	13	48	.76	79	.131	<.1	2.50	.947	.04	<.1	.91	8.0	<.1	<.05	6	<.5	
17550E 8550N	.4	24.7	5.3	55	<.1	37.2	12.7	389 3.35	1.1	.7	.7	1.2	83	.1	.1	.1	88	.50	.031	10	42	.71	91	.163	1	2.00	.944	.06	<.1	.91	5.2	<.1	<.05	5	<.5	
17550E 8525N	.3	25.5	6.2	68	<.1	36.1	13.3	367 3.35	.8	.5	.7	1.5	75	.1	.1	.1	80	.53	.037	10	41	.74	122	.125	<.1	2.35	.937	.95	<.1	.91	6.5	<.1	<.05	7	<.5	
17550E 8500N	.4	19.2	4.6	53	<.1	53.2	17.4	656 3.46	1.8	2.5	.7	1.4	121	.1	.1	1	71	1.01	.115	30	45	1.23	152	.077	2	3.51	.953	.37	<.1	.95	11.6	1	<.05	8	<.5	
STANDARD DS2	20.7	103.1	66.9	404	.8	53.6	9.4	615 2.33	45.9	4.7	47.7	4.3	76	6.5	5.8	4.4	84	.92	.077	12	1/1	1.04	370	.120	39	98	.076	.43	3.7	.15	2.5	4.0	20	4	3.5	

Sample type: SOIL SS80 SOC. Samples beginning 'RE' are Returns and 'BRE' are Reject Returns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Zr	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	C	w	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	
3-1	.1	2.3	3.4	52	<.1	4.6	4.6	626	2.15	<.5	2.8	<.5	4.5	80	<.1	<.1	1	50	.63	.031	9	7	69	277	.161	<.1	1.21	.131	.64	.1	<.01	2.5	.4	<.05	6	<.5
17550E B475N	.4	22.7	5.9	62	<.1	38.8	13.9	206	2.71	1.4	.5	<.5	.9	65	.1	.1	1	63	50	.117	4	36	76	127	.131	1.2	.87	.627	.13	<.1	.03	3.7	<.1	<.05	0	<.5
17550E B450N	.7	25.9	5.7	67	<.1	43.8	16.1	574	3.55	1.4	.4	<.5	.9	49	.1	.1	1	78	.35	.139	5	37	72	117	.127	1.3	.90	.617	.67	<.1	.03	3.7	<.1	<.05	10	.6
17550E B425N	.6	28.7	6.1	97	<.1	43.4	16.3	495	3.45	1.5	.6	.7	1.4	38	.1	.1	1	75	.24	.154	11	43	76	161	.140	3.4	.16	.619	.65	<.1	.05	6.5	<.1	<.05	11	.5
17550E B400N	.2	26.4	4.2	48	<.1	20.9	10.8	305	2.99	<.5	.3	1.2	1.1	90	<.1	<.1	1	68	.45	.041	5	43	71	56	.183	<.1	2.02	.661	.69	<.1	.01	5.6	<.1	<.05	5	<.5
17560E B900N	.2	24.5	3.7	62	<.1	32.3	11.3	341	3.38	<.5	.2	.8	1.1	92	.1	.1	1	99	.51	.040	6	61	54	50	.198	<.1	1.67	.690	.13	<.1	.01	3.5	<.1	<.05	5	<.5
17560E B975N	.2	18.6	4.9	83	<.1	19.9	7.3	326	2.56	<.5	.3	<.5	1.0	84	.1	<.1	1	52	.42	.049	3	29	43	71	.154	1.1	.61	.641	.12	<.1	.01	3.6	<.1	<.05	5	<.5
17560E B950N	.4	24.8	5.3	73	<.1	34.6	13.3	409	3.55	<.5	.3	.9	1.5	82	<.1	.1	1	71	.45	.036	5	44	59	136	.132	3.2	.45	.631	.10	<.1	.01	5.1	<.1	<.05	6	<.5
17560E B925N	.3	31.6	4.5	54	<.1	42.1	15.1	412	3.73	<.5	.6	<.5	1.6	142	.1	.1	1	77	.70	.062	17	44	112	153	.145	1.2	.52	.635	.17	<.1	.02	9.1	<.1	<.05	7	<.5
17560E B900N	.2	28.9	3.1	65	<.1	56.7	19.6	510	3.98	<.5	.5	<.5	2.1	75	.1	.1	<.1	85	.62	.084	17	38	1.52	112	.117	5.2	.15	.664	.69	<.1	.01	8.2	<.1	<.05	6	<.5
17560E B875N	.3	26.1	4.4	66	<.1	46.9	17.8	555	4.31	.5	.6	.8	2.2	65	.1	.1	1	74	.90	.059	16	41	81	128	.051	5.2	.12	.637	.11	<.1	.01	11.0	<.1	<.05	5	<.5
17560E B850N	.4	27.8	6.3	61	<.1	50.0	16.5	528	4.55	1.4	.7	.9	2.1	51	.1	.2	1	97	.95	.062	19	49	69	111	.046	8.2	.23	.635	.11	<.1	.02	10.8	<.1	<.05	6	<.5
17560E B825N	.2	23.5	4.4	58	<.1	43.9	15.1	470	3.55	2.6	.5	<.5	1.4	112	.1	.2	1	72	.62	.075	12	41	1.08	121	.053	9.2	.75	.635	.12	<.1	.02	7.5	<.1	<.05	7	<.5
17560E B800N	.3	27.0	3.3	56	<.1	34.2	13.2	499	3.23	1.3	.5	.6	1.5	109	<.1	.1	<.1	92	.58	.057	9	39	.88	92	.155	<.1	1.79	.669	.68	<.1	.01	6.4	<.1	<.05	4	<.5
17560E B775N	.3	26.4	6.2	74	<.1	44.8	17.6	519	4.39	1.0	.7	1.2	2.3	95	.2	.1	1	101	.62	.075	11	48	.80	109	.133	2.2	.66	.633	.06	<.1	.02	6.4	<.1	<.05	7	<.5
17560E B750N	1	30.5	1.9	101	<.1	76.9	35.0	493	4.33	.9	.3	.9	.8	128	.1	<.1	<.1	44	.73	.031	8	30	2.59	119	.039	<.1	4.52	.624	.68	<.1	.02	9.5	<.1	<.05	10	<.5
17560E B725N	.4	12.2	2.8	64	<.1	47.7	14.1	236	3.25	.6	.3	.8	.6	58	.1	.1	1	69	.38	.034	4	42	.84	112	.033	1.4	.98	.625	.08	<.1	.01	3.7	<.1	<.05	8	<.5
17560E B700N	.3	16.1	4.7	64	<.1	21.6	9.5	343	2.63	<.5	.2	<.5	.9	53	.1	.1	1	75	.31	.040	3	41	.33	102	.181	1.1	.83	.637	.06	<.1	.01	2.6	<.1	<.05	5	<.5
17560E B675N	.3	19.9	6.5	78	<.1	32.4	11.5	521	2.97	.6	.3	<.5	1.2	59	.1	.1	1	75	.35	.068	5	41	45	106	.157	1.2	.53	.629	.06	<.1	.01	3.4	<.1	<.05	7	<.5
17560E B650N	.3	21.7	5.1	68	<.1	23.5	9.9	338	3.19	<.5	.3	1.0	.9	61	.1	<.1	1	91	.36	.036	4	52	.42	73	.211	1.1	.93	.642	.06	<.1	.01	3.2	<.1	<.05	6	<.5
17560E B625N	.3	13.7	5.3	76	<.1	24.0	7.8	231	2.31	<.5	.2	<.5	.7	42	<.1	<.1	1	57	.27	.056	3	36	.31	82	.131	1.2	.32	.629	.06	<.1	.01	2.0	<.1	<.05	6	<.5
17560E B600N	.2	15.8	5.1	65	<.1	21.1	8.4	257	2.52	<.5	.2	<.5	.8	46	<.1	<.1	1	61	.27	.041	5	39	.33	61	.154	2.1	.90	.635	.06	<.1	.01	2.6	<.1	<.05	5	<.5
17560E B575N	.3	19.6	5.7	67	<.1	32.7	11.5	275	3.22	<.5	.3	<.5	1.0	56	<.1	.1	1	74	.37	.115	4	41	45	83	.145	2.2	.47	.630	.07	<.1	.01	3.2	<.1	<.05	7	<.5
17560E B550N	.3	26.8	5.2	70	<.1	28.0	15.5	397	3.75	.6	.7	<.5	1.4	64	.1	.1	1	96	.47	.056	8	46	.73	104	.156	2.2	.55	.645	.07	<.1	.02	4.7	<.1	<.05	7	<.5
17560E B525N	.3	42.9	4.1	66	<.1	42.0	16.5	477	3.77	1.3	1.4	.8	1.4	93	<.1	.1	1	105	.57	.039	16	51	1.08	83	.146	1.2	.35	.662	.05	<.1	.01	8.0	<.1	<.05	6	<.5
17560E B500N	.3	23.5	5.8	76	<.1	37.3	12.4	344	3.00	.9	.5	<.5	1.3	61	<.1	.1	1	66	.45	.142	14	39	53	91	.105	2.3	.33	.628	.09	<.1	.02	5.4	<.1	<.05	8	<.5
17560E B475N	.3	26.3	5.1	68	<.1	36.0	13.0	408	3.46	1.0	.6	1.0	1.4	83	.1	.1	1	99	.47	.040	10	47	.73	91	.169	3.2	.96	.651	.07	<.1	.01	5.5	<.1	<.05	6	.5
RE 17560E B475N	.3	24.4	5.1	67	<.1	35.9	13.3	397	3.54	.8	.6	.5	1.4	83	.1	.1	1	100	.48	.036	10	48	.73	88	.180	4.2	.88	.652	.08	<.1	.01	5.6	<.1	<.05	6	<.5
17560E B450N	.4	25.9	4.4	49	<.1	42.6	15.6	304	3.45	1.1	1.3	1.2	1.4	119	.1	1	1	92	.73	.087	11	45	1.14	110	.154	3.2	.29	.675	.07	<.1	.03	7.5	<.1	<.05	6	<.5
17560E B425N	.5	30.0	5.2	74	<.1	44.3	16.2	500	3.39	1.1	.7	<.5	1.1	61	.1	.1	1	78	.50	.169	7	39	85	137	.140	3.3	.14	.633	.00	<.1	.02	4.6	<.1	<.05	9	<.5
17560E B400N	.1	56.3	3.3	58	<.1	77.1	25.7	604	3.63	.8	.5	2.0	1.2	250	.1	<.1	<.1	60	.84	.077	11	30	2.19	94	.084	8.3	.37	.680	.35	<.1	.01	5.3	<.1	<.05	8	<.5
17560E B360N	.2	33.7	4.2	74	<.1	27.3	13.3	483	3.25	<.5	.3	<.5	1.1	74	.1	<.1	<.1	74	.39	.031	4	41	.74	50	.210	3.1	.47	.657	.16	<.1	<.01	5.4	<.1	<.05	5	<.5
17560E B375N	.2	24.2	4.3	63	<.1	19.2	9.6	485	2.81	<.5	.3	1.3	.9	79	.1	<.1	1	64	.34	.029	4	30	.46	71	.195	1.1	.40	.652	.10	<.1	.01	4.3	<.1	<.05	4	<.5
17560E B350N	.2	23.9	4.3	55	<.1	19.8	10.4	479	2.70	<.5	.3	1.4	.9	79	.1	<.1	<.1	62	.35	.029	4	36	.45	72	.197	2.1	.45	.653	.10	<.1	<.01	4.1	<.1	<.05	4	<.5
17560E B325N	.2	26.0	4.5	55	<.1	22.0	9.7	367	3.13	<.5	.3	1.2	1.1	85	<.1	<.1	1	71	.35	.030	3	40	.51	97	.211	3.1	.60	.647	.09	<.1	.02	3.7	<.1	<.05	5	<.5
STANDARD DS7	20.0	192.5	67.1	388	.8	52.5																														



SAMPLE#	Hg	Cd	Pb	Zn	Ag	Mn	Co	Mn	Fe	As	U	Au	Th	Sr	Ce	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Se	Tl	S	Ga	Ge
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
G 1	2	2.0	3.5	50	<1	4.2	4.7	665	2.24	<5	2.7	.7	4.3	83	<1	<1	.1	47	.56	.075	9	7	.54	259	.158	3	1.21	.128	.61	.1	<.01	2.5	.4	<.05	5	<.5
L17650E 8900N	2	30.5	3.8	58	<1	53.4	19.3	542	3.84	<5	5	.6	1.4	88	.1	.1	.1	84	.56	.034	12	50	1.47	93	.159	3	2.16	.053	.15	<.1	.01	9.7	.1	<.05	5	<.5
L17650F 8075N	3	44.3	7.4	62	<1	65.6	21.3	371	5.24	2.1	9	.6	1.7	77	.1	.2	.3	88	.99	.105	15	52	.72	124	.046	15	2.28	.023	.09	<.1	.02	10.6	.1	<.05	5	<.5
L17650E 8650N	3	24.7	5.0	67	<1	54.4	16.5	496	4.06	1.4	4	1.1	1.8	65	.1	.2	.1	85	1.06	.060	14	47	.74	133	.045	13	2.02	.032	.16	<.1	.02	19.3	.1	.07	5	<.5
L17650E 8825N	3	19.9	4.5	72	<1	39.3	12.1	412	3.47	.7	4	<.5	1.2	67	.1	.1	.1	74	.44	.007	6	40	.57	110	.134	3	1.70	.039	.19	<.1	.01	5.8	<.1	<.05	5	<.5
L17650F 8600N	3	25.5	3.6	60	<1	41.5	13.9	396	3.33	.9	.5	.6	1.3	96	.1	.1	.1	82	.53	.080	7	38	.98	116	.131	6	2.17	.043	.09	<.1	.01	5.6	<.1	<.05	6	<.5
L17650E 8775N	3	19.5	4.7	73	<1	40.2	14.3	444	3.33	.9	.4	<.5	1.1	72	.1	.1	.1	90	.42	.094	3	41	.74	95	.150	3	2.55	.030	.09	<.1	.01	4.3	<.1	<.05	7	<.5
L17650E 8450N	4	23.5	2.7	78	<1	72.2	24.1	321	4.54	.9	.3	<.5	.9	86	<.1	.1	.1	72	.47	.050	5	39	1.44	165	.094	2	5.04	.015	.06	<.1	.02	6.5	.1	<.05	11	<.5
L17650E 8725N	3	21.9	5.4	97	<1	43.4	14.4	402	3.42	<5	.4	<.5	1.0	65	.1	.1	.1	85	.34	.064	4	47	.73	112	.173	1	3.38	.027	.06	<.1	.01	3.8	<.1	<.05	8	<.5
L17650E 8700N	4	19.7	5.4	76	<1	43.9	13.9	312	3.27	.9	.4	<.5	1.5	55	.1	.1	.1	75	.31	.176	4	42	.57	138	.126	2	3.65	.025	.08	<.1	.02	4.1	<.1	<.05	9	<.5
L17650E 8675N	2	14.5	5.0	61	<1	23.4	9.1	271	2.59	<5	.3	1.1	.9	44	.1	.1	.1	67	.25	.042	4	37	.36	73	.159	2	1.99	.030	.07	<.1	.01	2.7	<.1	<.05	5	<.5
L17650E 8650N	2	20.3	5.4	67	<1	38.5	13.2	285	3.46	<5	.2	<.5	1.1	70	.1	.1	.1	82	.42	.089	5	44	.52	104	.160	1	2.95	.030	.08	<.1	.01	3.7	<.1	<.05	7	<.5
L17650E 8625N	2	16.4	6.1	61	<1	28.8	10.9	255	2.33	<5	.4	<.5	1.0	60	<.1	.1	.1	72	.35	.036	4	45	.45	91	.181	3	2.49	.036	.06	<.1	.01	3.0	<.1	<.05	6	<.5
RE L17650E 8625N	3	15.8	6.1	65	<1	29.1	10.5	206	2.89	<5	.3	<.5	.9	60	.1	.1	.1	71	.35	.037	5	40	.47	89	.185	3	2.54	.036	.06	<.1	.02	2.9	<.1	<.05	6	<.5
L17650E 8600N	2	15.1	5.0	49	<1	24.1	9.8	275	2.77	<5	.5	<.5	1.0	64	<.1	<.1	.1	66	.36	.027	9	38	.50	61	.181	3	1.97	.045	.04	<.1	.01	4.0	<.1	<.05	6	.5
L17650E 8575N	2	19.0	6.2	68	<1	29.9	11.7	337	3.14	<5	.4	.5	1.0	67	.1	.1	.1	85	.39	.051	6	49	.51	81	.167	2	2.15	.040	.06	<.1	.01	3.4	<.1	<.05	6	<.5
L17650E 8550N	3	20.3	5.0	77	<1	32.2	13.5	406	3.12	.5	.6	<.5	1.1	76	.1	.1	.1	82	.49	.038	9	44	.63	77	.163	5	2.98	.053	.06	<.1	.02	4.9	<.1	<.05	5	.5
L17650E 8525N	2	13.1	5.9	69	<1	22.1	7.8	219	2.12	.7	.4	<.5	.8	44	<.1	.1	.1	54	.28	.037	4	29	.37	72	.144	2	1.73	.035	.06	<.1	<.01	2.4	<.1	<.05	5	.7
L17650E 8500N	3	29.2	5.4	81	<1	45.5	14.7	318	3.07	1.1	.5	<.5	1.2	69	.1	.1	.1	71	.50	.292	6	44	.73	195	.153	3	3.46	.032	.09	<.1	.02	4.6	<.1	<.05	9	<.5
L17650F 8475N	4	29.0	5.0	63	<1	45.3	14.2	248	3.40	1.5	.4	45.6	1.3	49	.1	.1	.1	77	.27	.190	4	42	.65	112	.153	1	4.17	.030	.08	<.1	.02	4.0	<.1	<.05	10	<.5
L17650E 8450N	2	23.2	4.7	60	<1	34.7	13.9	420	3.26	.9	.5	1.2	1.2	82	<.1	.1	.1	91	.46	.044	9	39	.86	81	.173	1	1.95	.050	.05	<.1	.01	5.3	<.1	<.05	6	<.5
L17650E 8400N	2	23.8	4.1	59	<1	45.9	15.5	359	3.41	<5	.6	1.1	1.5	84	.1	.1	.1	83	.63	.034	10	32	.96	55	.175	1	1.73	.069	.13	<.1	.01	9.0	<.1	<.05	5	.8
L17700E 9000N	2	14.7	3.8	49	<1	20.6	11.1	290	3.16	<5	.3	<.5	1.1	73	<.1	.1	<.1	81	.46	.025	6	42	.79	60	.166	<.1	2.38	.020	.09	<.1	.01	6.5	<.1	<.05	5	<.5
L17700F 8975N	2	13.7	4.2	41	<1	16.7	7.7	367	2.40	<5	.3	.9	.8	63	.1	<.1	.1	62	.37	.015	4	29	.42	43	.162	<.1	1.16	.075	.11	<.1	<.01	4.0	<.1	<.05	3	<.5
L17700E 8950N	2	20.2	3.3	58	<1	35.2	13.9	505	3.35	<5	.4	1.0	1.3	59	.1	<.1	<.1	77	.45	.028	9	53	1.05	52	.184	2	1.84	.055	.12	<.1	.01	8.5	<.1	<.05	6	<.5
L17700E 8925N	2	15.0	2.8	50	<1	36.0	13.1	490	3.15	<5	.4	<.5	1.2	56	.1	<.1	<.1	77	.43	.032	7	53	1.16	43	.164	1	1.57	.076	.19	<.1	.01	6.6	<.1	<.05	5	.9
L17700F 8900N	2	18.9	3.3	60	<1	38.0	15.2	443	3.38	<5	.4	<.5	1.3	61	.1	<.1	.1	72	.43	.024	19	51	1.09	56	.154	2	1.56	.055	.12	<.1	.01	7.6	<.1	<.05	5	<.5
L17700E 8875N	2	18.7	3.6	52	<1	33.6	12.3	267	3.03	<5	.5	.9	1.5	51	.1	<.1	.1	65	.43	.029	11	41	1.13	47	.138	1	1.66	.053	.10	<.1	.01	7.3	<.1	<.05	5	<.5
L17700E 8850N	4	15.6	4.0	63	<1	26.8	11.8	354	3.14	<5	.3	<.5	1.0	73	.1	<.1	.1	61	.45	.048	8	47	.74	65	.134	2	1.27	.078	.15	<.1	.01	5.0	<.1	<.05	4	.9
L17700E 8825N	4	12.4	4.8	93	<1	17.3	9.6	255	2.09	.6	.2	<.5	.7	53	<.1	<.1	.1	43	.36	.271	3	26	.32	103	.101	2	1.55	.076	.10	<.1	.01	3.2	<.1	<.05	5	<.5
L17700E 8800N	3	10.6	5.5	55	<1	25.4	11.8	310	2.92	.6	.2	.6	.8	64	.1	<.1	.1	69	.28	.067	2	42	.54	82	.166	4	2.08	.025	.08	<.1	.01	3.1	<.1	<.05	5	.5
L17700E 8775N	3	15.3	5.4	63	<1	25.7	11.6	298	3.69	<5	.2	.5	.8	63	<.1	.1	.1	64	.29	.065	7	40	.53	83	.163	1	2.13	.034	.08	<.1	.01	3.3	<.1	<.05	5	<.5
L17700E 8750N	3	14.1	4.3	66	<1	25.7	10.9	322	3.03	<5	.2	<.5	.7	58	<.1	.1	.1	81	.36	.039	2	55	.56	55	.173	1	2.15	.063	.06	<.1	.01	3.3	<.1	<.05	5	<.5
L17700F 8725N	3	13.8	3.9	70	<1	25.4	9.4	311	2.56	<5	.2	<.5	.6	57	<.1	<.1	.1	66	.31	.059	2	40	.41	69	.138	2	2.17	.044	.07	<.1	.01	2.4	<.1	<.05	6	<.5
L17700E 8700N	4	15.1	5.1	91	<1	36.2	11.2	209	2.62	.6	.2	.7	.8	49	.1	.1	.1	57	.31	.192	2	34	.45	105	.147	1	3.12	.024	.11	<.1	.02	2.8	<.1	<.05	8	<.5
STANDARD DS7	20.4	113.3	69.1	415	.9	52.5	9.3	609	2.32</																											



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Hg	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Yg	Ba	Ti	B	Al	Na	K	W	Hq	Sc	Th	S	Ge	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
B-1	2	2.1	3.0	46	<.1	3.6	4.4	565	1.94	<.5	2.9	1.1	4.2	74	<.1	<.1	.1	42	.57	.073	8	7	.63	233	.147	2	1.11	.129	.57	<.1	<.01	2.3	4	<.05	5	<.5
L17700E 8375N	3	23.3	4.7	59	<.1	30.6	11.6	355	2.57	<.5	.3	.8	.8	74	1	.1	.1	87	.37	.046	5	38	.65	107	.195	2	2.19	.038	.06	<.1	.02	3.4	<.1	<.05	5	<.5
L17700E 8650N	4	17.6	5.8	80	<.1	38.1	11.5	254	2.81	7	3	.5	1.0	49	1	.1	.1	67	.31	.155	3	37	.54	110	.157	1	3.35	.025	.09	<.1	.01	3.0	<.1	<.05	8	<.5
L17700E 8525N	3	20.1	4.7	54	<.1	23.9	9.8	355	2.74	<.5	3	<.5	.9	85	1	.1	.1	85	.35	.070	4	37	.51	85	.218	1	1.67	.051	.05	<.1	.01	3.0	<.1	<.05	5	<.5
L17700E 8600N	2	22.4	6.0	53	<.1	28.3	12.4	370	2.85	.6	8	<.5	1.4	86	1	.1	.1	78	.44	.030	7	42	.77	85	.206	2	1.96	.055	.05	<.1	.02	5.2	<.1	<.05	5	<.5
L17700E 8545N	5	21.8	3.3	72	<.1	30.5	17.2	443	3.11	1.0	3	7	1.1	115	1	.1	<.1	55	.01	.091	21	41	1.54	125	.057	1	4.10	.028	.06	.06	9.1	<.1	<.05	9	<.5	
L17700E 8550N	4	20.7	5.2	70	<.1	40.9	12.5	256	2.98	1.4	4	<.5	1.3	45	1	.1	1	60	.29	.237	4	39	.59	124	.136	1	4.07	.021	.11	<.1	.03	4.4	<.1	<.05	10	<.5
L17700E 8525N	2	20.0	6.2	59	<.1	30.3	10.5	274	2.83	.5	4	<.7	1.0	67	1	.1	.1	70	.37	.057	4	36	.58	106	.163	1	2.41	.033	.05	<.1	.01	3.4	<.1	<.05	6	<.5
L17700E 8500N	2	21.5	5.6	52	<.1	30.0	11.5	341	2.65	.6	5	<.5	1.2	85	<.1	.1	.1	73	.42	.030	7	36	.80	86	.178	2	2.95	.048	.05	<.1	.02	4.7	<.1	<.05	5	<.5
L17700E 8475N	3	20.5	5.0	54	<.1	31.4	10.3	332	2.71	.5	4	5	1.0	60	1	1	1	73	.42	.029	6	39	.77	105	.174	1	2.10	.042	.05	<.1	.01	3.8	<.1	<.05	6	<.5
L17700E 8450N	2	16.6	5.7	52	<.1	22.2	8.1	308	1.95	<.5	.5	<.5	1.1	50	1	.1	1	52	.31	.021	10	26	.50	54	.131	1	1.66	.030	.04	<.1	.01	4.0	<.1	<.05	4	<.5
L17700E 8425N	4	19.6	5.5	64	<.1	30.7	12.7	410	2.90	.5	4	<.5	1.2	74	1	.1	.1	74	.42	.055	6	38	.70	93	.166	2	2.17	.024	.07	<.1	.03	3.8	<.1	<.05	6	<.5
L17700E 8400N	4	22.9	5.3	70	<.1	43.0	15.4	296	3.44	1.7	4	<.5	1.1	67	1	1	1	71	.33	.219	4	40	.69	128	.121	3	3.25	.024	.05	<.1	.03	3.6	<.1	<.05	9	<.5
L17750E 9000N	2	25.9	5.3	60	<.1	29.9	15.9	414	3.80	<.5	.5	.6	1.7	93	1	.1	.1	96	.40	.033	8	45	.90	109	.202	1	3.07	.053	.06	<.1	.01	0.5	<.1	<.05	8	<.5
L17750E 8675N	2	18.0	4.0	37	<.1	19.3	11.6	295	2.82	<.5	.3	.6	.8	94	1	.1	.1	57	.35	.032	2	27	.45	100	.170	1	1.76	.067	.05	<.1	.01	3.1	<.1	<.05	4	<.5
L17750E 8050N	3	22.4	5.5	70	<.1	48.3	17.1	351	3.52	.6	4	5	1.1	69	1	<.1	.1	73	.30	.073	4	37	.83	94	.147	1	3.86	.033	.08	<.1	.03	4.9	<.1	<.05	9	<.5
L17750E 8525N	2	20.9	3.7	53	<.1	29.7	12.4	323	2.80	<.5	4	.7	1.1	61	1	<.1	.1	49	.37	.034	7	36	.97	62	.126	1	1.49	.053	.06	<.1	.01	6.7	<.1	<.05	4	<.5
L17750E 0600N	2	20.6	3.5	49	<.1	29.8	12.5	341	2.42	<.5	4	<.5	1.5	30	1	<.1	.1	52	.43	.107	10	36	.92	15	.190	<.1	1.05	.034	.06	<.1	.01	3.9	<.1	<.05	7	<.5
L17750E 8675N	2	36.4	4.4	67	<.1	49.0	20.5	493	3.57	<.5	.7	7	1.6	62	1	.1	<.1	60	.49	.035	14	39	1.71	54	.097	1	1.99	.051	.22	<.1	.01	10.0	<.1	<.05	6	<.5
L17750E 8850E	1	27.5	3.2	54	<.1	44.7	17.4	334	3.68	.5	6	1.1	1.5	60	1	.1	.1	46	.47	.049	13	46	1.57	46	.141	1	1.51	.032	.07	<.1	.01	9.9	<.1	<.05	4	<.5
L17750E 8620E	4	21.2	3.0	54	<.1	41.1	15.6	383	2.92	<.5	.3	.8	1.3	53	1	.1	.1	79	.47	.089	10	47	1.32	34	.130	2	1.72	.059	.07	<.1	<.01	5.5	<.1	<.05	4	<.0
L17750E 8630E	3	31.6	4.2	67	<.1	51.3	21.6	483	4.22	<.5	4	1.3	1.5	81	1	.1	.1	82	.55	.055	12	49	1.66	78	.116	2	2.15	.050	.16	<.1	.01	8.8	<.1	<.05	6	<.5
L17750E 8775E	2	24.7	5.2	60	<.1	20.5	14.7	295	3.34	.6	.3	<.5	.9	67	<.1	.1	.1	67	.33	.090	3	37	.64	101	.163	1	2.17	.038	.09	<.1	.01	3.7	<.1	<.05	6	<.5
L17750E 8750E	4	20.1	4.9	93	<.1	31.6	15.8	460	3.36	<.5	3	.0	.8	67	1	.1	.1	91	.32	.091	2	49	.65	70	.182	2	2.66	.040	.08	<.1	.02	3.5	<.1	<.05	7	<.6
L17750E 8725E	3	18.9	3.4	74	<.1	44.8	17.7	371	3.56	<.5	.3	.6	.9	71	1	1	<.1	80	.42	.065	5	59	1.06	72	.123	1	2.80	.051	.05	<.1	.01	4.5	<.1	<.05	6	<.5
L17750E 8700E	2	19.7	5.1	50	<.1	15.3	9.0	321	2.61	<.5	.3	<.5	.7	61	1	.1	.1	59	.28	.024	3	37	.43	56	.190	1	1.52	.046	.06	<.1	.01	2.5	<.1	<.05	4	<.5
L17750E 8675N	3	15.1	5.1	79	<.1	30.7	9.5	224	2.38	.6	.3	.6	1.0	40	1	.1	.1	52	.21	.100	2	33	.37	118	.142	1	2.86	.029	.08	<.1	.01	2.4	<.1	<.05	7	<.5
L17750E 8650N	2	10.5	5.4	45	<.1	15.5	5.5	163	1.51	<.5	.2	<.5	.5	40	1	<.1	.1	38	.21	.021	3	27	.29	52	.125	1	1.40	.028	.03	<.1	.01	1.7	<.1	<.05	4	<.5
L17750E 8625N	3	22.0	5.1	55	<.1	29.1	11.7	365	2.98	.7	.5	.8	1.1	85	1	1	.1	80	.38	.021	5	43	.73	95	.202	1	1.99	.061	.34	<.1	.01	4.6	<.1	<.05	5	<.5
L17750E 8600N	2	17.1	6.4	60	<.1	23.0	8.8	331	2.31	.8	.9	<.5	1.2	66	1	1	.1	58	.40	.022	9	32	.62	69	.151	1	2.15	.044	.34	<.1	.01	5.0	<.1	<.05	6	<.5
L17750E 8545N	3	17.3	5.4	41	<.1	26.9	9.7	299	2.57	.5	.5	<.5	1.1	83	<.1	1	1	55	.33	.025	5	36	.79	104	.162	<.1	2.02	.051	.05	<.1	.01	3.6	<.1	<.05	5	<.5
L17750E 8530N	4	20.6	5.4	70	<.1	43.3	13.8	239	3.04	1.3	.5	.8	1.6	41	1	.1	.1	64	.26	.185	5	36	.50	131	.150	2	3.90	.028	.09	<.1	.03	4.6	<.1	<.05	10	<.5
L17750E 8525N	2	19.9	5.2	55	<.1	31.0	10.8	265	2.65	.8	4	<.5	.9	73	1	.1	.1	66	.34	.054	7	35	.52	113	.169	2	2.38	.034	.07	<.1	.01	3.2	<.1	<.05	6	<.5
RE L17750E 8525N	2	18.2	4.9	53	<.1	28.3	9.7	258	2.66	.9	4	<.5	.8	69	1	.1	.1	67	.33	.053	7	32	.51	119	.169	<.1	2.32	.032	.07	<.1	.01	3.2	<.1	<.05	6	<.5
L17750E 8500N	2	17.9	4.9	52	<.1	24.8	9.7	326	2.45	<.5	4	<.5	.8	66	1	.1	.1	70	.35	.036	5	37	.64	78	.171	<.1	1.80	.047	.05	<.1	.01	3.3	<.1	<.05	5	<.5
STANDARD 057	20	1.03	5.67	6	397	.8	51.4	9.6	513	2.30</																										



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ce	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Hg	Se	Tl	S	Ga	Se		
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
G 1	.1	2.4	3.5	49	<.1	3.5	4.5	574	2.01	<.5	3.1	1.1	4.6	81	<.1	<.1	.1	46	63	060	10	7	64	235	154	1	1	16	124	56	.1	<.01	2.3	4	<.05	5	<.5	
LI750E B475N	.2	17.7	5.5	47	<.1	10.4	8.8	306	2.19	<.5	.5	1.2	1.0	62	.1	.1	.1	59	.34	.024	8	29	53	64	162	1	1.65	.039	.64	<.1	.01	3.7	<.1	<.05	5	<.5		
LI750E B450N	.5	27.3	5.4	59	<.1	39.9	15.2	532	3.10	1.1	.7	2.6	1.3	107	.1	.1	.1	74	.63	.065	18	44	1.11	127	132	3	2.43	.036	.69	<.1	.04	7.9	<.1	<.05	6	<.5		
LI750E B425N	.3	25.4	4.8	61	<.1	38.1	14.5	422	3.35	1.1	.5	1.4	1.4	96	.1	.1	.1	90	.53	.068	8	44	.97	103	175	2	2.10	.043	.67	<.1	.01	6.2	<.1	<.05	6	<.5		
LI750E B400N	.3	22.8	7.1	73	<.1	36.1	14.6	374	3.04	1.1	.4	1.1	1.1	72	.1	.1	.1	74	.48	.154	6	38	.75	94	148	3	2.59	.031	.66	<.1	.02	4.2	<.1	<.05	7	<.5		
LI780E B000N	.3	21.5	4.7	55	<.1	37.4	13.3	452	2.73	.5	.3	1.0	1.0	45	.1	<.1	.1	53	.31	.180	3	34	.50	102	124	2	2.95	.039	.11	<.1	.01	4.0	<.1	<.05	7	<.5		
LI780E B975N	.2	29.9	4.2	61	<.1	45.3	16.4	375	3.34	.5	.4	1.5	1.3	64	.1	<.1	.1	64	.42	.139	4	41	.09	106	145	<.1	3.59	.032	.12	<.1	.01	5.5	<.1	<.05	8	<.5		
RE LI780E B975N	.2	28.5	4.3	79	<.1	45.9	16.3	374	3.24	.6	.4	1.1	1.2	64	.1	<.1	.1	65	.43	.143	4	44	.93	106	145	2	3.71	.033	.13	<.1	.01	5.6	<.1	<.05	8	<.5		
LI780E B950N	.2	29.3	4.9	89	<.1	47.5	19.6	522	3.84	.7	.4	1.8	1.3	61	.1	<.1	.1	86	.43	.079	6	47	1.23	96	179	1	4.53	.039	.10	<.1	.01	6.5	<.1	<.05	10	<.5		
LI780E B925N	.2	24.5	4.3	83	<.1	36.1	13.7	607	3.26	<.5	.3	1.3	1.0	69	.1	<.1	.1	67	.44	.045	4	40	.98	85	161	<.1	2.53	.037	.13	<.1	.01	5.2	<.1	<.05	7	<.5		
LI780E B900N	.3	18.1	4.5	69	<.1	26.1	10.1	363	2.67	.5	.3	.6	.8	59	.1	<.1	.1	61	.34	.052	3	36	.60	71	151	1	1.94	.037	.11	<.1	<.01	3.4	<.1	.05	5	<.5		
LI780E B875N	.2	23.0	4.1	53	<.1	26.0	12.4	403	3.14	<.5	.3	1.3	.9	61	.1	<.1	.1	71	.33	.042	3	37	.67	74	179	2	1.95	.044	.11	<.1	.01	3.9	<.1	<.05	5	<.5		
LI780E B850N	.3	31.5	5.2	89	<.1	44.7	17.2	494	3.79	.6	.4	1.5	1.0	75	.1	.1	.1	79	.43	.073	4	44	1.13	93	155	1	3.22	.034	.10	<.1	.02	5.5	<.1	<.05	8	.6		
LI780E B825N	.4	25.3	5.1	97	<.1	42.8	17.9	1505	3.11	<.5	.3	.5	.7	75	2	.1	.1	58	.45	.115	5	39	.94	112	113	1	3.47	.030	.06	<.1	.02	4.0	<.1	<.05	8	<.5		
LI780E B800N	.4	21.0	5.6	102	.1	38.0	13.7	529	2.78	1.0	.3	.9	.9	40	.1	.1	.1	57	.25	.171	3	36	.57	145	129	2	3.50	.023	.09	<.1	.02	2.9	<.1	<.05	9	<.5		
LI780E B775N	.4	28.7	5.9	75	<.1	52.5	16.5	315	3.41	1.2	.4	1.2	1.1	78	.1	.1	.1	65	.38	.203	3	42	1.03	249	139	<.1	5.77	.018	.12	<.1	.03	3.6	<.1	<.05	12	<.5		
LI780E B750N	.5	20.3	5.9	73	<.1	36.0	13.8	379	2.95	1.9	.3	<.5	1.1	37	.1	.1	.1	61	.10	.116	3	34	.65	138	145	1	4.45	.021	.07	<.1	.03	3.0	<.1	<.05	10	<.5		
LI780E B725N	.4	18.4	5.8	61	<.1	31.6	13.4	513	2.97	.7	.2	1.0	.8	55	.1	.1	.1	69	.29	.096	3	39	.59	117	166	1	3.51	.024	.07	<.1	.02	2.9	<.1	<.05	8	<.5		
LI780E B700N	.2	30.4	5.2	95	<.1	45.7	18.5	952	3.92	.5	.3	.9	1.1	80	.2	<.1	.1	68	.45	.117	6	40	.89	104	137	1	3.79	.022	.12	<.1	.02	5.2	.1	<.05	9	.5		
LI780E B675N	.1	35.7	5.1	68	<.1	45.9	16.9	495	3.53	.6	.5	<.5	1.0	94	.1	<.1	.1	64	.51	.109	7	42	1.33	84	163	<.1	3.51	.028	.08	<.1	.02	8.0	<.1	<.05	8	.5		
LI780E B550N	.3	19.1	3.6	83	<.1	50.0	18.1	440	3.66	.7	.3	1.2	.9	92	.1	.1	.1	83	.42	.091	4	55	1.14	94	118	2	3.92	.036	.09	<.1	.02	4.3	<.1	<.05	8	<.5		
LI780E B525N	.2	21.1	5.6	49	<.1	28.6	10.8	295	2.77	<.5	.3	<.5	1.3	75	<.1	.1	.1	66	.35	.036	4	41	.62	129	208	1	2.64	.036	.06	<.1	.01	3.8	<.1	<.05	6	<.5		
LI780E B500N	.3	16.8	6.3	59	<.1	24.3	8.8	278	2.29	<.5	.3	.6	.7	55	<.1	.1	.1	54	.29	.045	5	30	.44	88	160	1	2.27	.034	.05	<.1	.01	2.4	<.1	<.05	6	<.5		
LI780E B575N	.2	18.5	6.2	41	<.1	25.7	9.1	360	2.45	.5	.4	.5	.9	74	.1	.1	.1	56	.37	.027	4	37	.62	128	206	1	2.19	.043	.06	<.1	.01	2.9	<.1	<.05	5	<.5		
LI780E B550N	.3	19.0	5.4	43	<.1	25.1	10.1	360	2.61	.6	.4	.6	.8	62	<.1	.1	.1	69	.31	.044	4	32	.51	130	105	1	2.04	.035	.08	<.1	.01	2.5	<.1	<.05	5	<.5		
LI780E B525N	.3	24.0	5.1	55	<.1	38.5	13.2	308	3.10	.9	.4	.5	1.1	81	.1	.1	.1	90	.42	.080	6	44	.84	151	179	1	2.55	.038	.06	<.1	.01	4.0	<.1	<.05	6	<.5		
LI780E B500N	.3	29.8	5.5	62	<.1	27.1	10.5	454	2.75	<.5	.3	.9	.8	71	.1	.1	.1	72	.36	.048	5	24	.61	99	198	1	2.61	.041	.06	<.1	.01	2.8	<.1	<.05	5	<.5		
LI780E B475N	.3	17.5	5.6	52	<.1	25.1	10.5	364	2.60	.5	.4	<.5	.5	64	<.1	.1	.1	56	.33	.048	6	34	.63	86	176	1	2.63	.036	.06	<.1	.01	3.7	<.1	<.05	6	<.5		
LI780E B450N	.2	18.2	5.9	51	<.1	24.1	9.5	401	2.54	<.5	.4	1.3	.8	72	<.1	.1	.1	55	.38	.030	7	33	.57	97	174	1	1.95	.040	.04	<.1	.01	3.5	<.1	<.05	5	<.5		
LI780E B425N	.2	18.0	6.4	53	<.1	30.7	9.5	282	2.59	<.5	.4	<.5	.9	56	.1	.1	.1	56	.32	.085	7	33	.58	102	139	2	2.61	.029	.05	<.1	.02	4.0	<.1	<.05	8	<.5		
LI780E B400N	.3	24.7	5.4	58	<.1	32.2	11.8	512	3.15	<.5	.5	.6	1.2	90	.1	.1	.1	83	.53	.042	11	40	.91	125	171	3	2.08	.049	.06	<.1	.03	5.3	<.1	<.05	5	<.5		
STANDARD 357	19.9	99.3	70.2	397	.9	53.4	9.1	613	2.31	48.5	4.9	68.0	4.5	72	6.2	5.6	4.5	85	.93	.078	1.3	166	1.04	370	122	40	.98	.077	44	3.7	19	2.5	4.1	23	5	3.6		

Sample type: SOIL SS90 G00. Samples beginning 'RF' are Retains and 'RRF' are Reject Retains.



GEOCHEM PRECIOUS METALS ANALYSIS



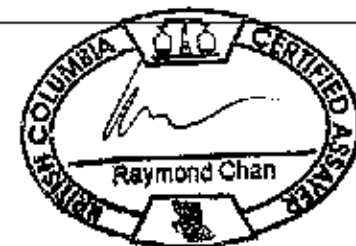
Tanqueray Resources Ltd. PROJECT Niccoaman File # A606788

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310 - 505 - 8th Ave S.W., Calgary AB T2P 1G2 Submitted by: Phillip Mistry

SAMPLE#	Au** ppb	Sample gm
G-1	<2	30
L17300E 8650N	<2	30
L17300E 8625N	<2	30
L17300E 8600N	<2	30
L17300E 8575N	<2	15
L17300E 8550N	<2	15
L17300E 8525N	<2	30
L17300E 8500N	<2	30
L17300E 8475N	<2	30
L17300E 8450N	<2	30
L17300E 8425N	<2	30
L17300E 8400N	<2	30
RE L17300E 8400N	<2	30
L17350E 9000N	<2	30
L17350E 8975N	<2	15
L17350E 8950N	<2	30
L17350E 8925N	<2	30
L17350E 8900N	<2	30
L17350E 8875N	<2	30
L17350E 8850N	<2	30
L17350E 8825N	<2	30
L17350E 8800N	<2	30
L17350E 8775N	<2	30
L17350E 8750N	<2	30
L17350E 8725N	<2	30
L17350E 8700N	<2	30
L17350E 8675N	<2	30
L17350E 8650N	<2	30
L17350E 8625N	<2	30
L17350E 8600N	<2	30
L17350E 8575N	<2	15
L17350E 8550N	<2	30
L17350E 8525N	<2	30
L17350E 8500N	<2	30
L17350E 8475N	<2	30
STANDARD CxF41	797	30

GROUP 36 - FIRE GEOCHEM AU 30 GM SAMPLE FUSION, CORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
HIGH GRADE GOLD ASSAY RECOMMENDED FOR 30 GM ANALYSIS > 10ppm and 50 GM > 5ppm.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RF' are keruns and 'RKE' are Report Keruns.



Data FA DATE RECEIVED: SEP 18 2006 DATE REPORT MAILED:

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.



SAMPLE#	Au** ppb	Sample gm
G-1	<2	30
L17350E 8450N	<2	30
L17350E 8425N	<2	30
L17350E 8400N	4	30
L17400E 9000N	<2	30
L17400E 8975N	9	15
L17400E 8950N	<2	30
L17400E 8925N	2	30
L17400E 8900N	<2	30
L17400E 8875N	2	30
L17400E 8850N	<2	30
L17400E 8825N	4	30
L17400E 8800N	<2	30
L17400E 8775N	<2	30
L17400E 8750N	3	30
L17400E 8725N	3	30
L17400E 8700N	2	30
L17400E 8675N	4	30
L17400E 8650N	3	30
L17400E 8625N	2	30
L17400E 8600N	<2	30
L17400E 8575N	<2	30
L17400E 8550N	5	30
L17400E 8525N	2	30
L17400E 8500N	2	30
L17400E 8475N	<2	30
L17400E 8450N	3	30
L17400E 8425N	3	30
L17400E 8400N	3	30
L17450E 9000N	<2	30
L17450E 8975N	3	30
L17450E 8950N	2	30
L17450E 8925N	6	30
L17450E 8900N	2	30
RE L17450E 8900N	8	15
STANDARD OxF41	823	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G 1	<2	30
L17450E 8875N	<2	30
L17450E 8850N	3	30
L17450E 8825N	4	30
L17450E 8800N	2	30
RE L17450E 8800N	<2	15
L17450E 8775N	2	30
L17450E 8750N	4	30
L17450E 8725N	2	30
L17450E 8700N	<2	30
L17450E 8675N	3	30
L17450E 8650N	<2	30
L17450E 8625N	<2	30
L17450E 8600N	<2	30
L17450E 8575N	<2	30
L17450E 8550N	2	30
L17450E 8525N	<2	30
L17450E 8500N	<2	30
L17450E 8475N	<2	30
L17450E 8450N	3	30
L17450E 8425N	<2	30
L17450E 8400N	<2	30
L17500E 8300N	<2	30
L17500E 8275N	<2	30
L17500E 8250N	2	30
L17500E 8225N	<2	30
L17500E 8200N	<2	30
L17500E 8175N	<2	30
L17500E 8150N	3	30
L17500E 8125N	<2	30
L17500E 8100N	<2	30
L17500E 8075N	<2	30
L17500E 8050N	<2	30
L17500E 8025N	<2	30
L17500E 8000N	<2	30
L17500E 8775N	<2	30
L17500E 8750N	<2	30
L17500E 8725N	<2	30
L17500E 8700N	5	30
STANDARD GxF41	792	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	<2	15.0
L17500E 8675N	4	30.0
L17500E 8650N	<2	15.0
L17500E 8625N	<2	15.0
L17500E 8600N	7	15.0
L17500E 8575N	2	15.0
L17500E 8550N	2	15.0
L17500E 8525N	5	15.0
L17500E 8500N	5	15.0
L17500E 8475N	2	15.0
L17500E 8450N	2	15.0
L17500E 8425N	<2	30.0
L17500E 8400N	5	15.0
L17550E 9000N	<2	15.0
L17550E 8975N	4	30.0
L17550E 8950N	2	30.0
L17550E 8925N	2	30.0
L17550E 8900N	4	15.0
L17550E 8875N	6	15.0
L17550E 8850N	4	15.0
L17550E 8825N	<2	15.0
RE L17550E 8825N	22	7.5
L17550E 8800N	3	30.0
L17550E 8775N	3	15.0
L17550E 8750N	<2	30.0
L17550E 8725N	<2	30.0
L17550E 8700N	<2	15.0
L17550E 8675N	3	30.0
L17550E 8650N	3	30.0
L17550E 8625N	<2	30.0
L17550E 8600N	<2	30.0
L17550E 8575N	<2	15.0
L17550E 8550N	3	30.0
L17550E 8525N	<2	30.0
L17550E 8500N	<2	15.0
STANDARD OxF41	804	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRR' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	<2	15
L17550E 8475N	<2	30
L17550E 8450N	<2	30
L17550E 8425N	3	30
L17550E 8400N	3	30
L17600E 9000N	3	30
L17600E 8975N	7	30
L17600E 8950N	<2	30
L17600E 8925N	3	30
L17600E 8900N	4	30
L17600E 8875N	4	30
L17600E 8850N	5	15
L17600E 8825N	3	30
L17600E 8800N	2	30
L17600E 8775N	<2	30
L17600E 8750N	2	30
L17600E 8725N	2	30
L17600E 8700N	<2	30
L17600E 8675N	5	30
L17600E 8650N	3	30
L17600E 8625N	<2	30
L17600E 8600N	3	30
L17600E 8575N	3	30
L17600E 8550N	4	30
L17600E 8525N	<2	30
L17600E 8500N	4	30
L17600E 8475N	2	30
RE L17600E 8475N	3	15
L17600E 8450N	<2	30
L17600E 8425N	<2	30
L17600E 8400N	<2	15
L17650E 9000N	<2	30
L17650E 8975N	<2	30
L17650E 8950N	5	15
L17650E 8925N	2	30
STANDARD OxF41	797	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRR' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	<2	15
L17650E 8900N	4	30
L17650E 8875N	2	15
L17650E 8850N	<2	30
L17650E 8825N	<2	30
L17650E 8800N	<2	30
L17650E 8775N	<2	30
L17650E 8750N	<2	30
L17650E 8725N	<2	30
L17650E 8700N	<2	30
L17650E 8675N	<2	30
L17650E 8650N	<2	30
L17650E 8625N	<2	15
RE L17650E 8625N	6	15
L17650E 8600N	<2	30
L17650E 8575N	<2	30
L17650E 8550N	<2	30
L17650E 8525N	<2	30
L17650E 8500N	2	30
L17650E 8475N	<2	30
L17650E 8450N	<2	30
L17650E 8400N	<2	30
L17700E 8900N	3	30
L17700E 8875N	<2	30
L17700E 8850N	<2	30
L17700E 8825N	2	30
L17700E 8800N	<2	30
L17700E 8775N	<2	30
L17700E 8750N	2	30
L17700E 8725N	2	30
L17700E 8700N	3	30
STANDARD OxF41	826	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au**	Sample
	ppb	gm
G-1	<2	15.0
L17700E 8675N	4	15.0
L17700E 8650N	7	15.0
L17700E 8625N	<2	15.0
L17700E 8600N	4	15.0
L17700E 8575N	<2	7.5
L17700E 8550N	6	15.0
L17700E 8525N	<2	15.0
L17700E 8500N	<2	15.0
L17700E 8475N	2	15.0
L17700E 8450N	2	15.0
L17700E 8425N	6	15.0
L17700E 8400N	<2	15.0
L17750E 9000N	2	15.0
L17750E 8975N	<2	15.0
L17750E 8950N	9	15.0
L17750E 8925N	3	15.0
L17750E 8900N	2	15.0
L17750E 8875N	5	15.0
L17750E 8850N	13	15.0
L17750E 8825N	<2	15.0
L17750E 8800N	8	15.0
L17750E 8775N	6	15.0
L17750E 8750N	<2	15.0
L17750E 8725N	<2	15.0
L17750E 8700N	<2	15.0
L17750E 8675N	<2	15.0
L17750E 8650N	7	15.0
L17750E 8625N	3	15.0
L17750E 8600N	6	15.0
L17750E 8575N	6	15.0
L17750E 8550N	2	15.0
L17750E 8525N	10	15.0
RE L17750E 8525N	<2	15.0
L17750E 8500N	9	15.0
STANDARD OxF41	815	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Au** ppb	Sample gm
G-1	<2	15.0
L17750E 8475N	7	15.0
L17750E 8450N	6	15.0
L17750E 8425N	<2	15.0
L17750E 8400N	<2	15.0
L17800E 9000N	9	15.0
L17800E 8975N	<2	7.5
RE L17800E 8975N	<2	7.5
L17800E 8950N	<2	15.0
L17800E 8925N	<2	15.0
L17800E 8900N	6	15.0
L17800E 8875N	10	15.0
L17800E 8850N	10	15.0
L17800E 8825N	6	15.0
L17800E 8800N	11	15.0
L17800E 8775N	6	15.0
L17800E 8750N	10	15.0
L17800E 8725N	<2	15.0
L17800E 8700N	<2	15.0
L17800E 8675N	<2	15.0
L17800E 8650N	5	15.0
L17800E 8625N	5	15.0
L17800E 8600N	<2	15.0
L17800E 8575N	11	15.0
L17800E 8550N	7	15.0
L17800E 8525N	4	15.0
L17800E 8500N	10	15.0
L17800E 8475N	21	15.0
L17800E 8450N	8	15.0
L17800E 8425N	4	15.0
L17800E 8400N	7	15.0
STANDARD OxF41	813	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRR' are Reject Reruns.