

GEOCHEMICAL REPORT

**BC Geological Survey
Assessment Report
34380**

on an

EXPLORATION PROGRAM

carried out within the

KAZA NORTHSTAR PROPERTY

TAKLA LANDING AREA

OMINECA MINING DIVISION, BRITISH COLUMBIA

PROPERTY LOCATION: 39 km southeast of Bear Lake
56° 01' N Latitude, 126° 28' W Longitude
NTS: 94D/01 & 93M/16

WRITTEN FOR: **BLIND CREEK RESOURCES LTD.**
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MMI STACKED HISTOGRAMS – At Back

	Copper, Nickel, Cobalt, Silver, Gold	Molybdenum, Lead, Cerium, Zinc, Cadmium
Line 100N	Fig H1A	Fig H1B
Line 200N	Fig H2A	Fig H2B
Line 300N	Fig H3A	Fig H3B
Line 400N	Fig H4A	Fig H4B
Line 500N	Fig H5A	Fig H5B
Line 600N	Fig H6A	Fig H6B
Line 700N	Fig H7A	Fig H7B
Line 800N	Fig H8A	Fig H8B
Line 900N	Fig H9A	Fig H9B
Line 1000N	Fig H10A	Fig H10B

MMI PLAN MAPS – At Back

Silver	GC-1
Arsenic	GC-2
Gold	GC-3
Cadmium	GC-4
Cerium	GC-5
Cobalt	GC-6
Copper	GC-7
Molybdenum	GC-8
Nickel	GC-9
Lead	GC-10
Antimony	GC-11
Zinc	GC-12

1 SUMMARY

An MMI (mobile metal ion) soil sampling survey was carried out within the Kaza Northstar Property in October of 2012. The property encompasses 9795.86 hectares and is located on Kaza Lake which occurs 39 km to the southeast of the town of Bear Lake, BC.

The purpose of the work was to test a one-kilometer wide, north-northwest band of sedimentary rocks of the Sustut Group Tango Creek formation for mineralization.

The MMI sampling was done by taking 400 samples along ten northeast-trending lines for a total survey length of 9,750 meters. Samples were picked up every 25 meters. The samples were sent to SGS labs in Toronto and tested for 53 elements.

The results for ten of these, namely copper, zinc, molybdenum, lead, gold, cobalt, nickel, cerium, silver, and cadmium, were divided by their respected mean background values to obtain a number called a response ratio. Stacked histograms were then made for each survey line. As well contour plans were made for each of the ten elements.

2 CONCLUSIONS

1. A number of metals comprise the anomalous throughout the grid area, but, the copper anomalous results, as shown on the copper plan map, are used to define four anomalies, or anomalous zones that are labeled by the upper case letters, A to D, inclusive.
2. Anomaly A is primarily a copper-molybdenum-nickel anomaly with additional values in gold, cadmium, cobalt, zinc, and antimony. It occurs on the west side of the grid and covers an area of about 300 meters by 300 meters with it being open to the west.
3. An alternate interpretation to anomaly A is to use the outline of the molybdenum anomalous results. The molybdenum results extend to the southeast of the copper anomaly A and to the north as well, for a minimum strike length of 1,000 meters. The average width is about 150 meters.
4. Anomaly B is a copper-silver-gold anomaly occurring within the center of the grid striking north-northwest. It has a minimum 940-meter strike length and is about 60 meters wide with it being open both to the north-northwest and to the south-southeast. It is long and lineal-shaped suggesting that any possible mineralization could be related to a fault or shear zone.
5. Anomaly C is a copper-silver anomaly that occurs within the northeast corner of the grid appearing to strike east-northeasterly with a minimum strike length of up to 440 meters, if the northern part of anomaly B is included, and with a width of 240 meters. Also, anomaly C occurs at the west-southwestern end of an east-northeastern fault indicating that this suggested mineralization is fault-related.

6. Anomaly D is a copper-nickel-antimony anomaly that appears to be striking northeasterly. It has a minimum strike length of 340 meters being open to the northeast and a width of 250 meters.

3 RECOMMENDATIONS

There are significant results within the grid area that warrant further work as follows:

1. The MMI survey should be expanded to the east, west, and north of the current grid area, preferably 500 meters in each direction, but a minimum 200 meters.
2. Magnetic surveying should be carried out over the grid area in order to assist in the mapping of the geology since the area is widely covered in overburden.
3. The MMI anomalies should be prospected for possible mineralization.
4. Induced polarization surveying should be carried out over each of the anomalies in order to help determine both the type and location of the causative sources.

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4 INTRODUCTION AND GENERAL REMARKS

This report discusses survey procedure, compilation of data, interpretation methods, and the results of MMI soil sampling carried out on the Kaza Northstar Property which is located 39 km to the southeast of Bear Lake, BC, and is operated by Blind Creek Resources Ltd.

The property contains a number of showings of various types, as documented later in the report, mostly consisting of copper with silver values and, therefore, the general purpose of exploration is to expand the known mineralization around any of these showings. The specific purpose of the 2012 work was to determine the possibility of mineralization occurring within a north-northwest trending, kilometer-wide band of sedimentary rocks of the Sustut Group Tango Creek Formation.

The sampling was carried out by a Geotronics crew of 4 men from October 8th to 18th, 2012 under the direction of the writer. The purpose of the MMI soil sampling is to look for mineralization directly. MMI stands for mobile metal ions and describes ions, which have moved in the weathering zone and that are weakly or loosely attached to surface soil particles. MMI, which requires special sampling and testing techniques, are particularly useful in responding to mineralization at depth probably in excess of 700 meters. It also is not affected by glacial till, while standard soil sample techniques are. MMI is characterized in having a high signal to noise ratio and therefore can provide accurate drill targets.

Sections of this report are taken from Jean Pautler's ARIS report #31769 and Carl Schulze's ARIS report #27957.

5 PROPERTY AND OWNERSHIP

The property is comprised of 44 contiguous claims that consist of an area of 9,796 ha and is located within the Omineca Mining Division as shown on figures #2 and #3: These claims occur on NTS map sheet 94D/01 and 93M/16, and on BCGS map sheet 94D.009 and 93M.099.

<u>Tenure Number</u>	<u>Type</u>	<u>Claim Name</u>	<u>Good Until</u>	<u>Area (ha)</u>
237886	Mineral	MARS	20141014	25
239014	Mineral	LOG #1	20140215	25
242664	Mineral	MOON	20140215	25
328483	Mineral	LOG 3	20140215	25
328484	Mineral	LOG 4	20140215	25
328485	Mineral	LOG 5	20140215	25
328486	Mineral	LOG 6	20140215	25
328487	Mineral	LOG 7	20140215	25
330452	Mineral	LAKE #2	20140215	25
330453	Mineral	LAKE #3	20140215	25
330454	Mineral	LAKE #4	20140215	25
330455	Mineral	LAKE #5	20140215	25
330456	Mineral	LOG #8	20140215	25
330457	Mineral	LOG #9	20140215	25
330458	Mineral	LOG #10	20140215	25
337669	Mineral	JIM #1	20140215	25
337670	Mineral	JIM #2	20140215	25
337671	Mineral	JIM #3	20140215	25
337672	Mineral	JIM #4	20140215	25
337673	Mineral	BOB #1	20140215	25
337674	Mineral	BOB #2	20140215	25
337675	Mineral	BOB #3	20140215	25
361685	Mineral	K 23	20140215	25
361686	Mineral	K 24	20140215	25
361687	Mineral	K 25	20140215	25
413549	Mineral	TLA 22	20140215	400
505153	Mineral		20140215	1680.5885
505178	Mineral		20140215	977.205
505180	Mineral		20140215	362.114
505386	Mineral		20140215	633.985
505541	Mineral		20140215	652.251
506163	Mineral		20140215	596.277
506164	Mineral		20140215	542.623
506170	Mineral		20140215	216.979

506172	Mineral		20140215	470.269
506194	Mineral		20140215	398.196
506441	Mineral		20140215	687.072
565420	Mineral	KAZA 3	20140215	361.1344
565421	Mineral	KAZA 2	20140215	433.3458
663265	Mineral	BCR 1	20140215	18.0838
774263	Mineral	KAZA	20140215	90.5121
831237	Mineral	KAZA LB	20140215	252.7197
837887	Mineral	KAZA	20140215	325.0811
921489	Mineral	LOG	20140215	72.4223

Total Area: 9795.8587 ha

The claims are owned by Blind Creek Resources Ltd. of Vancouver, British Columbia.

6 LOCATION AND ACCESS

The Kaza Northstar claims, NTS map sheets 94D/01 and 93M/16 and BCGS map sheets 94D.009 and 93M.099, are located 148 km north-northeast of Smithers, British Columbia in north-central British Columbia, 35 km north of the north end of Takla Lake and 32 km east of Bear Lake. The property lies on Kaza Lake. The Kemess Mine lies 115 air km to the north-northwest. The property is situated in the Omineca Mining Division with a latitude and longitude of 56° 01' N latitude, 126° 28' W longitude.

The property is accessible by all-weather logging roads in good condition extending approximately 260 km by road from Fort St. James to roughly two km south of the southern property boundary. From here, the property is accessible during the summer by 4WD vehicles along a narrow road, extending to a 16 man exploration camp, constructed in 2004, at the south end of Kaza Lake at 6211070mN, 668788mE, Nad 83, Zone 9. From the camp a road extends to the Fred (Northstar) Minfile drilled prospect approximately 3 km south of the Kaza 2 and 3 claims. A major road accessible logging camp, the Lovell Cove camp, is located approximately 60 km by road to the southwest of Kaza Lake along the abandoned CN (formerly BC) rail line.

Fort St. James, the nearest road accessible centre to the Kaza Northstar Property, is a full service community servicing a population of approximately 5,500, with excellent road and hydro-electric power access. Smaller population centers exist along Takla Lake, particularly in the Lovell Cove area. The abandoned CN Rail line, which extends north-northwest from Fort St. James, is located roughly 20 air kilometres west of the property.

7 PHYSIOGRAPHY AND VEGETATION

The northern Kaza claims lie approximately 7 km northeast of Kaza Lake at the northeastern extent of the Kaza Northstar Property area. They are located near the headwaters of Ominecetla Creek in the upper Omineca River drainage along the western side of the

Omineca Mountains. The western claims are situated along the eastern flank of the Cariboo Heart Range and the Kaza 3 claim along the western flank of the Axelgold Range, both characterized by steep to moderate topography. Elevations on the claims range from 1150m in the south-central claim area along Ominecetla Creek to 1800m in the southeastern work area on tenure 505153.

The claim area generally lies below tree line with thick stands of sub-alpine fir giving way to spruce at moderate elevations. Thick alder and willow cover the broad, flat marshlands at the lower elevations along Ominecetla Creek. Outcrop exposure on the claims is poor with some felsenmere at higher elevations.

The climate is typical of northern continental areas, with cool summers and cold winters, and fairly abundant summer rainfall and winter snowfall. The field season is limited to June to October due to snow cover, although drilling can be done under early winter conditions with moderate snow cover.

8 HISTORY OF PREVIOUS WORK

The northern Kaza claims lie approximately 3 km north of the Fred Minfile occurrence, a prospect, as documented by the British Columbia Geological Survey. A summary of the work completed on the Fred prospect by various operators is tabulated below:

1965 Discovery by Mr. Robert Tait with five showings identified, Main, North, CV and CVH (both also referred to as the B) and the BC (part of B).

1966 Mapping, prospecting, grid soil sampling and 637m of diamond drilling in nine AQ holes targeting the Main and B showings by Northstar Copper Mines Ltd.

1968-69 Two programs consisting of 800m of AQ diamond drilling in eleven holes, 9,144m of bulldozer trenching and blasting of 50 shallow pits in 1968, followed by 1242m in thirteen AQ holes in 1969, primarily across the B showing by Northstar Copper Mines Ltd.

1972 Diamond drilling of 693m in nine AQ holes with no documentation of locations and results (*Wehr, 1974*).

1973 Geochemical survey over eastern property area, two bulldozer trenches and 290m of diamond drilling in eight AQ holes by Bethlehem Copper Mines Ltd. (*Dean and Davis, 1973*).

1974 Pechiney Development Ltd. conducted limited bulldozer trenching and 121.5m of Winkie diamond drilling in 10 holes, targeting the extension of the shale unit hosting the "RMT" showing, interpreted as occurring north of the B showing. No significant intercepts were reported (*Wehr, 1974*).

1996 Bulldozer trenching by Everest Mines and Minerals Ltd. exposed a system of parallel chalcocite veins and mineralized shear zones within porphyritic andesite at the B showing. A second showing, the "B-Zone 2", comprised of three narrow north-south striking, west-dipping chalcocite-bornite veins, was discovered 100 metres to the north. A 433 ppb Au in

stream sediment anomaly was obtained from Omineceta Creek in the northern property area *Miller-Tait, 1996b*).

1997 A soil geochemical survey (15m stations) and ground magnetic and induced polarization geophysical surveys were completed over ten 990m cut lines, and four trenches were excavated in the B showing area (Discovery Cut, hosting the New Vein, Trench TN-1, blast trench and Trench TN-2), all by Everest Mines and Minerals Ltd. Results include 7.3% Cu and 46.6 g/t Ag over 5.5m (*Church and Miller-Tait, 1998b*).

2002 Acquisition of Kaza (Kaza Copper area) and Northstar (Fred area) properties by Northern Hemisphere Development Corporation with additional staking to consolidate into one contiguous project area referred to as Kaza Northstar Property.

2003 Mapping, geochemical sampling, grid extension, soil geochemical and ground magnetic and induced polarization geophysical surveys and a two-line gravity survey by Northern Hemisphere Development Corporation (*Schulze, 2003*).

2004 Diamond drilling of 1,133.2m in five NQ holes by Northern Hemisphere intersecting 138.3m of 0.55% Cu in hole NS-04-02 of disseminated and fracture controlled bornite and chalcocite in Takla Group volcanic and related sedimentary rocks (*Schulze, 2005b,c*).

2005 Follow up diamond drilling by Northern Hemisphere of NS-04-02 intersection with 1,287.1m in eight NQ holes intersecting narrow zones of bornite, chalcocite and chalcopyrite (*Schulze, 2005a*).

2008 Initial geological mapping, sampling and prospecting on the Kaza 2 and 3 claims outlined similar stratigraphy to that hosting the Fred prospect on the Kaza 2 claim with a copper anomalous drainage basin, and favourably altered ultramafic rocks that may have gold potential on the northeast Kaza 3 claim with a gold in stream sediment anomaly downstream (*Pautler, 2009*).

2010 Stream sediment sampling, contour soil sampling, geological mapping, and rock geochemical sampling was completed on the northern Kaza claims (565421, 565420, 831237, 505153, and 506163). The work was designed to test the source of the copper anomalous drainage basin in the western Kaza 2 (565421) area, the source of the 433 ppb gold in stream sediment anomaly on tenure 506163, and the gold potential of the ultramafic rocks and thrust faults on Kaza 3 (565420).

9 GEOLOGY

9.1 REGIONAL

The northern Kaza claims are situated within the Intermontane Belt of the Canadian Cordillera at the boundary of the Stikine Terrane, underlying most of the Kaza - Northstar Project, and the Cache Creek Terrane to the east, which underlies most of Kaza 3, separated from Stikinia by the Takla Fault. The Early Jurassic Hogem Batholith, consisting of foliated quartz monzonite, intrudes the Quesnel Terrane, 10 km further east, separated from the Cache Creek Terrane by the Pinchi Fault. Overlap rocks of

the Upper Jurassic Bowser Basin overlie Stikinia approximately 15 km to the west of the project area and within a narrow wedge in the central claim area.

The Vital Fault, a major northeast-dipping thrust fault east of the Takla Fault, transects the Kaza 3 claim and emplaces the Pennsylvanian to Permian Cache Creek Complex (metamorphosed oceanic volcanic rocks, oceanic shale and chemical sedimentary rocks) and locally Late Paleozoic to Triassic ultramafic rocks onto Permian to Jurassic Sitlika Assemblage greenstone and greenschist metamorphic rocks. The Cache Creek Complex is intruded by Mid Cretaceous layered Axelgold gabbroic to dioritic intrusions.

The western portion of the northern Kaza claims are underlain by northwest trending gentle northeast dipping Upper Triassic Takla Group rocks, consisting of Savage Mountain Formation subaqueous augite porphyritic basaltic and porphyritic andesitic flows and tuffs, with lesser shale and greywacke and minor limestone. The Savage Mountain Formation is underlain by tuffaceous and sedimentary rocks of the Dewar Formation to the southwest, north of Kaza Lake.

Jurassic Hazelton Group rocks are exposed to the west and south of Kaza Lake, consisting largely of Telkwa Formation calc-alkaline basaltic to andesitic flow, tuff and lapilli tuff volcanic rocks, with lesser dacitic and rhyolitic volcanic and intercalated volcanoclastic sedimentary rocks. To the south the Telkwa Formation rocks are unconformably overlain by Cretaceous to Eocene Sustut Group, Tango Creek Formation conglomerate, sandstone, siltstone and coaly shale, which directly underlie a klippe of the Takla Group, south of Kaza Lake.

The Eocene Kastberg plutonic suite, consisting of biotite rhyodacite porphyry and massive leuco-rhyolite, intrudes the Stikine Terrane and overlying sedimentary units.

The major faults in the area trend north to northwest with smaller cross-faults trending west-southwest.

9.2 PROPERTY

From west to east the northern Kaza claims are underlain by the Savage Mountain Formation volcano-sedimentary package of the Upper Triassic Takla Group, Upper Jurassic fine clastic sedimentary rocks of the Ashman Formation of the Bowser Group, Permian to Jurassic Sitlika Assemblage greenstone and greenschist metamorphic rocks and Late Paleozoic to Triassic ultramafic rocks. A thin wedge of Lower Jurassic Hazelton Group Nitwitka Formation sedimentary rocks underlies the northwestern Kaza 3 claim. Two major regional faults transect the claims, the Takla Fault, separating the Ashman Formation from the Sitlika Assemblage and the Vital Fault thrusting the ultramafic rocks over the Sitlika Assemblage.

The western Kaza LB, Kaza 2 and tenure 505153 claims were found to be underlain by the Formation which hosts mineralization at the Fred prospect, 3 km to the south. The dominant lithologies encountered were basalts with intercalated calcareous fine clastic rocks trending northerly to northeast. Pillow breccia occurs just west of the

southern Kaza 2 claim boundary. Minor feldspar porphyritic andesite occurs in felsenmere and may represent feldspar porphyritic andesite from the basal member of the Savage Mountain Formation which hosts most of the mineralization at the Fred prospect.

The northeastern Kaza 3 claim is underlain by the ultramafic unit, best exposed as felsenmere just northeast of the claim. Ultramafic float was encountered lower on the Kaza 3 claim and minor shale and limestone float were encountered along the interpolated contact between the ultramafic rocks and the Sitlika Assemblage which structurally underlies but stratigraphically overlies the ultramafic unit.

A previously unmapped flow banded rhyolite was discovered on the Kaza LB claim. The exposure occurs as a gossan on a prominent hill. The rhyolite may belong to the Eocene Kastberg plutonic suite, which consists of biotite rhyodacite porphyry and massive leuco-rhyolite, representing a rhyolite dome. Alternatively the exposure may represent a felsic volcanic dome within the Triassic Takla Group.

9.3 MINERALIZATION

9.3.1 Northstar Project area Mineralization

The most prospective mineralized zones at the Northstar project area identified prior to the 2004 drilling program occur within the “B’ showing area and along the interpreted north-south dilational corridor hosting the Discovery Cut and Trench T-N-2. Year-2004 drilling returned wide mineralized intercepts just south of the “B Showing”, extending into the dilational corridor. However, detailed year-2005 follow-up drilling failed to intersect similar broad zones, intersecting only narrow zones of high grade and low-grade mineralization instead. The Main and North showings have low potential to host significant mineralized zones and have been discussed in previous assessment reports.

Malachite mineralization was discovered in 2010 within a cirque just to the west of Kaza 2. In addition, layered metasedimentary rocks with pyritic layers and possible trace chalcopyrite were noted within a cirque, approximately 1 km to the south.

The flow banded rhyolite discovered on the Kaza LB claim is altered with fine grained pyrite or arsenopyrite and light green possible scorodite noted. However, the arsenic results do not support the presence of arsenic minerals, suggesting only fine grained pyrite. Local silver enrichment was noted within soils collected across the rhyolite.

9.3.2 “B” Showing

The B showing consists of several zones of vein and shear-hosted chalcocite and minor bornite hosted by Unit 1 feldspar porphyritic andesite. Trench T-N-1 exposed massive chalcocite veins with azurite and malachite staining within east-southeast striking, steeply southwest dipping shear zones. Massive bornite and minor malachite and azurite also occur as amygdules within vesicular andesite, where it has replaced secondary calcite veins and vesicular infilling. Past sampling returned values to 2.1 % copper and 4.6 g/tonne silver across 23 .0 metres. Host andesites display fairly strong

hematite alteration; epidote occurs as veins and as amygdules somewhat outbound from the zone.

Drilling in 1968 identified a copper horizon at depth, interpreted as striking north-south and dipping 50' to the west (Church and Tait, 1998). Drill records are unavailable; however White has described mineralization as disseminations and irregular veinlets of bornite within brecciated andesite porphyry (White, 1968). Reported drill intercepts range from 1.14% copper across 40 feet (12.2 metres) to 1.68% copper across 48 feet (14.6 metres), with an intercept grading 1.97% copper across 16 feet (4.9 metres), open at depth, terminated due to hole abandonment. These do not necessarily represent true widths. However, reinterpretation in 2003 of the reported data suggests an east-southeast striking zone, dipping to the southwest, conformable to orientation of surface shear-hosted mineralization.

9.3.3 Dilational Corridor

Several vein-style massive chalcocite showings, with azurite and malachite staining, hosted by Unit 1 porphyritic andesite, occur to the south and northeast of the B showing. These include the Discovery Trench, where a 1.0 metre channel sample of massive bornite returned 5.168% copper and 279 g/tonne silver, and a 5.0-metre chip sample returned 7.9% copper, 55.2 g/tonne silver and 266 ppb gold; and Trench T-N-2, where channel sampling returned 7.9% copper and 55.2 g/tonne silver across 7.0 metres. At both locations, almost all mineralization is confined to massive chalcocite veins, ranging from sub-centimetre to 0.75 metres in width. Vein orientations are variable at the Discovery Cut, however at Trench T-N-2, 150 metres to the northeast, north-south to north-northwest - south-southeast striking, steeply east-dipping vein orientations predominate.

Roughly 125 metres north of trench T-N-2 early excavations of feldspar porphyritic andesite revealed bornite with malachite staining within calcite and drusy quartz vein stockwork zones. This area was not trenched in 1997; however a 2.3 metre chip sample obtained in 2003 returned 4.69% copper and 33.2 g/tonne silver. The mineralized setting is distinct, consisting of bornite, which has a higher sulphur content than chalcocite, within quartz or calcite veins, rather than as massive sulphide veins. Host rocks display fairly strong hematite alteration.

Year- 1997 Induced Polarization surveying revealed a north-south trending chargeability anomaly underlying these showings. This suggests these exposures represent parts of a dilational corridor up to 100 metres wide, open to the north and for a limited distance to the south. Early extensional tectonics resulted in formation of abundant open space-bearing fracture and breccia zones, subsequently in-filled by massive chalcocite veins, grading northwards to vein-hosted bornite. Year- 1997 soil sampling along strike at L 9+00N, 200 metres to the north, returned anomalous copper values to 388 ppm, although no anomalous values were returned from L 8+00N.

9.3.4 Fracture Filling and Disseminated Copper (2004 drilling)

The 2004 drilling program resulted in long intercepts of disseminated and fracture-filling copper sulphide mineralization from Holes NS-04-02, drilled at an azimuth of 110° and dip of -45° into the dilational corridor, and from NS-04-04, drilled from the same set-up and azimuth, but at a dip of -65°. The intercepts include fairly distinct predominantly monomineralogic zones of chalcocite, bornite, chalcopyrite, and zones having combinations thereof. No distinct progression towards more sulphide-rich or iron-rich end members occurs. Mineralization extends primarily through Unit 1 feldspar porphyritic andesites, extends through the underlying flat-lying limestone unit, and terminates abruptly at the basal Unit 2 basalts, in fault contact with the overlying limestone.

Within the Unit 1 andesite, mineralization is strongest within breccia zones, including tuff breccia, and other areas of strong permeability, and weakest in massive porphyritic flow units. Permeability appears to be the strongest controlling factor for mineral emplacement. Replacement-style mineralization is common, particularly within vesicles and of calcite stringers. Alteration is quite weak, occurring as weak chloritization, silicification and clay-alteration.

Hole NS-04-02 returned a weighted average value of 0.553% copper and 1.65 g/t silver across 453.7 feet (138.3m) from 167.5 - 621.2 feet. Hole NS-04-04 returned an interval of 0.51% copper across 286.2 feet (87.2m) from 188.1 - 474.3 feet (Table 3). These include high-grade sub-intervals of 2.37% copper across 14.6 feet (4.4m) in Hole NS-04-02, and 1.08% copper across 34.5' (10.5m) from Hole NS-04-04. The limestone unit hosts some of the best intercepts, including 0.607% copper across 45.7 feet (13.93m) from Hole NS-04-02; and 2.00% copper across 19.0 feet (5.8m). Structural interpretation suggests a flat-lying fault contact (thrust fault?) separating the limestone and overlying Unit 1 andesites; this fault returned an interval of 1.763% copper across 20.8 feet (6.34m) from Hole NS-04-02. Interpretation to date also suggests steeply west-dipping zones of particular sulphide assemblages, such as chalcopyrite or chalcocite, terminating abruptly at the andesite - limestone fault contact.

9.3.5 Fracture Filling and Disseminated Copper (2005 drilling)

Drilling in 2005 focused on potential extensions of the zone intersected in Holes NS-04-02 and NS-04-04, specifically targeting Induced Polarization "chargeability" anomalies coincident with the mineralized zone. This program failed to return wide, strongly mineralized intervals, although numerous narrow zones of disseminated and fracture-filling bornite, as well as zones of narrow chalcocite stockwork veining, were returned. Minor chalcopyrite-enriched zones were also intersected, largely at depth. Again, mineralization tends to occur within or peripheral to brecciated zones associated with weak to moderate chlorite or epidote alteration, although anomalous values were also returned from more competent, feldspar porphyritic units.

The highest copper values were returned from amygdaloidal replacement-style and disseminated chalcocite and/ or bornite mineralization, returning values to 3.84%

copper with 9.7 g/t silver across 1.2m from DDH NS-05-02, and 1.24% copper and 4.1g/t silver across 5.5m in DDH NS-05-05. Minor chalcocite veining also occurs within shear zones and areas exhibiting ductile deformation, although values tend to be low; these include a 9.2-metre interval grading 0.034% copper in DDH NS-05-09. A zone of chalcopyrite with minor bornite within strongly fractured, altered andesite in DDH NS-05-06 returned a value of 0.17% copper across 6.6m.

No discernable correlation between narrow mineralized zones from hole to hole occurs. Mineralization occurs as small pods of high grade chalcocite and/ or bornite within a broad zone of intermittent fracturing, brecciation and local shearing with minor chalcocite veining, hosting weakly anomalous copper grades. Mineralization is slightly more continuous to the north, although not approaching ore grade. No chalcocite or bornite was noted within the basal Unit 2 basalts, although minor disseminated and vein- associated chalcopyrite associated with epidote alteration occurs.

9.3.6 Henry Lee Creek Project area Mineralization

Two settings of mineralization occur at the Henry Lee Creek project area; intrusive-hosted chalcopyrite-molybdenite enriched quartz veining and copper-gold-molybdenite skarn mineralization within volcanic country rock.

9.3.7 Intrusive-Hosted Mineralization

Numerous zones of weakly clay and silica-altered quartz monzodiorite hosting quartz and/ or K-feldspar veins, stringers and localized stockwork occur throughout the stock, particularly in northeastern and southern portions (Maps 2,3a and 3b). Molybdenite commonly occurs within a particular phase of fine quartz veining, normally less than 1.0 cm in width, indicating emplacement occurred during a particular pulse of veining. Minor chalcopyrite commonly occurs proximal to these veins. The alteration envelopes are typically up to 50 metres in length and 15 to 20m in width.

An area of strongly clay altered, limonitic monzonite rubblecrop hosting quartz stockwork veining occurs within the meadow towards the northern boundary of the intrusion. This suggests other strongly altered zones may occur within the stock, particularly underlying the boggy meadow. However, sampling returned moderately anomalous molybdenum values to 65 ppm only, with background copper, gold and silver values.

Mineralized zones have a strong soil geochemical signature, covering much of the northwestern portion of the stock, as well as more discrete zones in southern portions (Maps 4a and 4b). Molybdenum values are consistently anomalous across northern and western portions of the stock, to maximum values of 84 ppm. Scattered anomalous copper and gold values were also returned from soil sampling, to a maximum of 865 ppm Cu and 70 ppb Au respectively, from separate samples.

An area of limonitic decrepitated quartz monzonite returned low metal values, although high consecutive molybdenum values of 84 and 76 ppm were returned directly to the west.

9.3.8 Basalt-hosted Skarn Mineralization

Small pods of copper-gold+/-molybdenum skarn mineralization occur within basalts along the margins of the stock. These were identified in 2004 east of the stock, commonly alongside small pyritic monzonitic dykes. Year 2004 chip sampling of basaltic skarn returned values to 0.868% copper, 0.07 g/t gold, 28.6 g/t silver and 0.032% molybdenum across 1.3m. Quartz vein and stockwork zones also occur, commonly with very high molybdenum values. Chip sampling of a quartz stockwork zone returned a value of 0.134% copper, 0.0479% molybdenum, 10.6 g/t silver and 0.04% gold across 1.2m. An adjacent composite grab sample returned 0.108% copper, 0.141% molybdenum, 6.5 g/t silver and 0.855 g/t gold.

In 2005, a small skarn pod was discovered along the south margin of the stock. Pyrrhotite and chalcopyrite occur within strongly chloritic and moderately silicified basalt; minor chalcopyrite and malachite occurs within adjacent quartz monzonite. A separate small copper skarn returning weakly anomalous gold and silver values was also located in 2005 east of Henry Lee Creek.

10 MMI SOIL SAMPLING

10.1 SAMPLING PROCEDURE

MMI sampling took place within the central section of the property. The lines were emplaced by blazing trees and by blaze orange flagging. Samples were picked up every 50 meters with the total amount of MMI sampling being 400 samples over 10 lines along a total survey length of 10,000 meters.

The sampling procedure was to first remove the organic material from the sample site (A₀ layer) and then dig a pit over 25 cm deep with a shovel. Sample material was then scraped from the sides of the pit over the measured depth interval of 10 centimeters to 25 centimeters. About 250 grams of sample material was collected and then placed into a plastic Zip-loc sandwich bag with the sample location marked thereon. The samples were then packaged and sent to SGS Minerals located at 1885 Leslie Street, Toronto, Ontario. (This is only one of two labs in the world that do MMI analysis, the other being in Perth, Australia where the MMI method was developed.)

10.2 ANALYTICAL METHODS

At SGS Minerals, the testing procedure begins with weighing 50 grams of the sample into a plastic vial fitted with a screw cap. Next is added 50 ml of the MMI-M solution to the sample, which is then placed in trays and put into a shaker for 20 minutes. (The MMI-M solution is a neutral mixture of reagents that are used to detach loosely bound ions of any of the 53 elements from the soil substrate and formulated to keep the ions in solution.) These are allowed to sit overnight and subsequently centrifuged for 10 minutes. The solution is then diluted 20 times for a total dilution factor of 200 times and then transferred into plastic test tubes, which are then analyzed on ICP-MS instruments.

Results from the instruments for the 53 elements are processed automatically, loaded into the LIMS (laboratory information management system which is computer software used by laboratories) where the quality control parameters are checked before final reporting.

10.3 COMPILATION OF DATA

Twelve elements were chosen out of the 53 reported on and these were silver, arsenic, gold, cadmium, cerium, cobalt, copper, molybdenum, nickel, lead, antimony, and zinc. The mean background value was calculated for each of the 12 elements and this number was then divided into the reported value to obtain a figure called the response ratio, which is essentially the number times background. The background for each of the elements is given below in parts per billion (ppb):

Ag	As	Au	Cd	Ce	Co	Cu	Mo	Ni	Pb	Sb	Zn
7.51	5.00	0.06	8.80	6.53	13.0	425	2.50	34.2	13.1	0.50	29.9

Two stacked histograms of the response ratios were then made for each line in order to assist in correlating the results between the different metals. The first stacked histogram consisted of copper, nickel, cobalt, silver, and gold, and these ten were then labeled Fig H-1A to 10A, respectively; the second stacked histogram consisted of molybdenum, lead, cerium, zinc, and cadmium and these ten were then labeled Fig. H-1B to 10B, respectively.

Plan maps were also made for each of the 12 metals shown in the above table being silver, arsenic, gold, cadmium, cerium, cobalt, copper, molybdenum, nickel, lead, antimony, and zinc, and these were labeled Fig. GC-1 to GC-12, respectively.

11 DISCUSSION OF RESULTS

Anomalous results in different metals occur throughout the grid area. However, as discussed above, the main metal occurring within the showings throughout the Kaza-Northstar Property is copper, but almost always with silver values. Therefore, because of this and because it gives the most definitive anomalies, copper is used to define the anomalies, or anomalous zones. There are four of them and these are drawn on the plan maps and labeled by the upper case letters, A to D, inclusive. However, molybdenum may be the better metal to outline anomaly A, as discussed below.

11.1 ANOMALY A – COPPER OUTLINE

This anomaly occurs on the west side of the grid and covers an area of about 300 meters by 300 meters with it being open to the west. It is primarily a copper-molybdenum-nickel anomaly with additional values in gold, cadmium, cobalt, zinc, and antimony. Interestingly, the silver values are low within anomaly A. It is possible that the nickel anomalous results are reflecting basic or ultra-basic rock-types rather than nickel mineralization.

11.2 ANOMALY A - MOLYBDENUM OUTLINE

As noted above, molybdenum anomalous results correlate fairly well with anomaly A. However, they also extend to the southeast as well as extending to the north. In other words, the molybdenum anomalous results occur in a semi-circular trend that strike through anomaly A and that occur to the west of anomaly B. The strike length is a minimum 1000 meters with it being open to the north and to the southeast. The average width is about 150 meters. Perhaps anomaly A is more accurately described as a molybdenum-antimony-nickel anomaly with additional anomalous metal values in copper, silver, and gold.

11.3 ANOMALY B

B is a copper-silver-gold anomaly that is occurring within the center of the grid and that is long and lineal-shaped striking north-northwest. It has a minimum 940-meter strike length and is about 60 meters wide with it being open both to the north-northwest and to the south-southeast. The shape of the anomaly suggests that any possible mineralization could be related to a fault or shear zone.

11.4 ANOMALY C

Anomaly C is a copper-silver anomaly that occurs within the northeast corner of the grid appearing to strike east-northeasterly. The strike length is minimum 290 meters with it being open to the east-northeast and the width is 240 meters. The copper and silver results suggest that the northern part of anomaly B could actually be part of anomaly C thereby extending it a minimum 440 meters. Also, anomaly C occurs at the west-southwestern end of an east-northeastern fault indicating that this suggested mineralization is fault-related.

Other anomalous metals within anomaly C are nickel, zinc, cadmium, gold, and cobalt.

11.5 ANOMALY D

Anomaly D is a copper-nickel-antimony anomaly that appears to be striking northeasterly. It has a minimum strike length of 340 meters being open to the northeast and a width of 250 meters. Other metals within anomaly D are cadmium and cobalt with some gold. The silver values are low. As with anomaly A, the anomalous nickel results may be either reflecting mineralization or basic/ultrabasic rock-types.

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13 GEOPHYSICIST'S CERTIFICATE

I, DAVID G. MARK, of the City of Surrey, in the Province of British Columbia, do hereby certify that:

- a. I am registered as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
- b. I am a Consulting Geophysicist of Geotronics Consulting Inc, with offices at 6204 – 125th Street, Surrey, British Columbia.

I further certify that:

2. I am a graduate of the University of British Columbia (1968) and hold a B.Sc. degree in Geophysics.
3. I have been practicing my profession for the past 45 years, and have been active in the mining industry for the past 47 years.
4. This report is compiled from data obtained from a MMI soil sampling survey carried out by a crew of Geotronics Consulting within the Kaza-Northstar Property located 39 km southwest of the town of Bear Lake, Omineca Mining Division of British Columbia. The field work was carried out during the period of October 8th to 18th, 2012.
5. I do not hold any interest in Blind Creek Resources Ltd., nor in the property discussed in this report, nor in any other property held by this company, nor do I expect to receive any interest as a result of writing this report.

David G. Mark, P.Ge.
Geophysicist

October 2, 2013

14 AFFIDAVIT OF EXPENSES

MMI soil sample surveying along with grid emplacement was carried out within the central area of the Kaza Northstar Property, which occurs on and around Kaza Lake which is 150 km north-northeast of the city of Smithers, B.C, to the value of the following:

MOB/DEMOB:(at cost)		
Crew wages	\$4,200.00	
Truck rental and gas	...600.00	
Room and board	1,155.00	
TOTAL		\$5,955.00
FIELD:		
MMI Sampling and Grid Emplacement,		
4-man crew, all-inclusive, 7 days @ \$2,500/day	\$17,500.00	
Satellite telephone rental, 7 days @ \$100/day	700.00	
Shipping costs	335.00	
Supervision, Angie Justason	<u>1,100.00</u>	
TOTAL	\$19,635.00	\$19,635.00
LABORATORY:		
Testing of 400 samples @ \$41/sample	\$16,400.00	\$16,400.00
DATA REDUCTION and REPORT:		
Senior Geophysicist, 25 hours @ \$75/hour	\$1,875.00	
Geophysical technician, 40 hours @ \$50/hour	\$2,000.00	
Report compilation, photocopying, etc	<u>110.00</u>	
TOTAL		\$45,975.00
10% administration costs		\$4,597.50
GRAND TOTAL		\$50,572.50

Respectfully submitted,
Geotronics Consulting Inc.

David G. Mark, P.Geo,
Geophysicist

October 2, 2013

15 APPENDIX – MMI GEOCHEMISTRY DATA

**KAZA-NORTHSTAR
MMI DATA - 2012**

Line	Station	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
		1	1	10	0.1	10	1	10	1	5	5	100	0.5	10	1	0.5	0.5
		ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
100	0E	16	145	<10	0.2	3040	<1	130	11	27	391	<100	1	2080	133	98	7.7
100	25E	24	143	<10	0.2	4100	<1	130	2	<5	125	<100	1.7	1090	1	7.4	<0.5
100	50E	18	246	10	0.2	4870	<1	50	9	175	39	<100	6.4	900	98	43.8	23.1
100	75E	31	246	10	0.6	2530	<1	20	12	81	19	<100	10	760	31	14.5	7.9
100	100E	33	233	20	0.3	3390	<1	30	19	105	19	<100	6.6	740	39	18.1	9.8
100	125E	21	251	<10	0.2	870	<1	<10	31	24	29	<100	5.4	560	11	5.5	2.2
100	150E	24	190	<10	0.9	3430	<1	30	16	142	21	<100	5.1	850	53	24.2	15.3
100	175E	70	49	<10	0.9	6930	<1	450	18	34	164	<100	0.6	5390	8	3.8	3.5
100	200E	29	151	<10	0.3	4970	<1	240	26	40	46	<100	2	810	16	9.3	3.6
100	225E	22	259	<10	0.1	1450	<1	30	19	22	49	<100	5	550	11	5.4	2.3
100	250E	15	215	<10	0.2	1490	<1	<10	9	12	31	<100	7.5	680	4	2.9	0.6
100	275E	104	158	20	0.3	3300	<1	240	42	66	86	<100	3.6	1040	23	12.6	6.1
100	300E	10	116	<10	0.2	740	<1	90	76	22	42	<100	1.5	5010	38	28.4	4.3
100	325E	30	178	<10	0.4	1530	<1	110	8	8	146	<100	8.2	500	5	2.8	0.8
100	350E	7	>300	<10	<0.1	1280	<1	90	8	22	32	<100	2.3	200	5	2.5	1.4
100	375E	14	153	<10	0.4	910	<1	100	9	55	36	<100	2.9	560	12	5.8	3.9
100	400E	6	>300	<10	0.2	1000	<1	140	17	<5	195	<100	<0.5	540	9	6.4	0.7
100	425E	5	165	10	0.5	1320	<1	30	6	59	26	<100	2.6	570	41	19.7	8.5
100	450E	13	159	10	0.6	650	<1	20	7	24	21	<100	3.7	710	14	6.7	3.2
100	475E	5	53	<10	0.4	1260	<1	280	28	8	24	<100	1.3	780	7	4.7	1.3
100	500E	20	148	<10	1	5220	<1	230	33	28	125	<100	1.6	9300	210	229	10.6
100	525E	6	72	<10	<0.1	150	<1	200	32	8	30	<100	<0.5	1280	11	7.8	1.7
100	550E	39	69	<10	0.4	2070	<1	420	19	12	15	<100	0.8	2390	17	10	3.2
100	575E	10	60	<10	0.3	1770	<1	420	32	8	23	<100	1.3	1460	8	5.1	1.8
100	600E	17	102	<10	0.2	1250	<1	250	19	6	11	<100	3.2	630	4	2.2	0.9
100	625E	19	65	<10	0.6	2050	<1	400	13	25	211	<100	2.8	4520	5	2.7	1.6
100	650E	23	114	<10	0.3	1630	<1	300	11	18	22	<100	3.4	1570	15	9.1	2.7
100	675E	30	120	<10	1.2	3050	<1	240	8	18	21	<100	3.8	1740	6	3.3	1.6
100	700E	30	112	<10	0.3	1320	<1	300	22	15	17	<100	1.3	450	13	7.4	2.5
100	725E	24	161	20	0.3	960	<1	10	11	24	40	<100	3.1	320	21	12.1	3.5
100	750E	17	115	<10	0.3	360	<1	<10	15	15	11	<100	3.7	250	15	8.5	2.3
100	775E	3	153	<10	<0.1	1740	<1	230	27	<5	99	<100	0.6	580	25	21.7	1.3
100	800E	4	237	<10	<0.1	580	<1	50	15	7	111	<100	<0.5	430	15	9.3	1.7
100	825E	5	135	<10	0.1	1980	<1	170	26	16	148	<100	2.9	1130	52	31.1	4.7
100	850E	3	49	<10	0.2	1340	<1	430	7	9	259	<100	0.9	1790	2	1.4	0.7
100	875E	12	165	10	0.5	1480	<1	20	14	34	47	<100	2.2	670	23	11.1	4.4
100	900E	16	214	<10	0.2	860	<1	10	17	5	70	<100	3.7	450	7	4.4	0.6
100	925E	21	171	10	<0.1	660	<1	20	19	15	30	<100	3	300	14	7.4	2.1
100	950E	14	201	<10	0.3	1050	<1	20	14	36	21	<100	5.7	470	17	8.5	3.2
100	975E	25	132	<10	0.4	2080	<1	190	11	64	30	<100	3.1	1770	34	19.2	7.6
200	0E	6	122	<10	<0.1	1690	<1	110	1	<5	53	<100	2.5	2440	6	6.1	0.6
200	25E	8	149	<10	<0.1	930	<1	40	6	13	35	<100	1.6	1610	11	6.4	1.6
200	50E	31	157	10	0.2	1490	<1	40	13	71	15	<100	4.2	420	29	12.4	8.2

**KAZA-NORTHSTAR
MMI DATA - 2012**

Line	Station	Fe	Ga	Gd	Hg	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
		1	1	1	1	0.5	0.1	1	5	1	10	5	0.5	1	5	0.1	10
		ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
100	0E	171	2	38	<1	<0.5	1.6	9	<5	25	2930	<5	0.8	41	202	0.5	70
100	25E	136	<1	<1	<1	<0.5	1.4	<1	<5	30	4100	<5	<0.5	1	101	<0.1	<10
100	50E	71	9	94	<1	<0.5	9.8	90	<5	12	2760	<5	3	259	68	1.7	80
100	75E	82	14	29	<1	<0.5	7.7	33	<5	2	490	9	5.5	73	46	2.3	160
100	100E	100	16	38	<1	<0.5	6.8	46	<5	3	490	14	6.3	95	36	2.7	130
100	125E	85	14	8	<1	<0.5	15.4	11	<5	4	1510	<5	3.8	20	61	2.9	150
100	150E	44	5	57	<1	<0.5	6.8	62	<5	4	870	11	1.3	165	32	0.7	460
100	175E	21	1	12	<1	<0.5	8	16	<5	40	13700	35	<0.5	40	111	0.2	30
100	200E	30	3	14	<1	<0.5	8.6	19	<5	28	860	<5	<0.5	34	54	0.8	160
100	225E	93	11	9	<1	<0.5	17.1	8	<5	6	1920	<5	2.2	21	51	2.9	160
100	250E	132	7	2	<1	<0.5	13.2	6	<5	2	1760	<5	2	7	46	3.8	100
100	275E	68	5	23	<1	<0.5	15.3	35	<5	18	1400	<5	1.9	62	123	1.4	560
100	300E	84	4	18	<1	<0.5	6.9	19	<5	9	3830	25	<0.5	38	164	1.9	130
100	325E	121	6	3	<1	<0.5	14.7	4	<5	18	9880	<5	1.6	6	50	1.6	40
100	350E	36	8	5	<1	<0.5	9.2	8	<5	22	1270	<5	1.6	18	41	1.6	50
100	375E	91	3	12	<1	<0.5	9.6	25	<5	4	2220	<5	0.9	44	36	1.1	30
100	400E	74	2	3	<1	<0.5	10.8	<1	<5	23	6270	<5	<0.5	3	54	0.2	60
100	425E	52	8	34	<1	<0.5	4.7	28	<5	1	1090	<5	2.5	65	24	1.4	50
100	450E	45	8	12	<1	<0.5	7.1	9	<5	<1	800	5	2	23	21	1.3	70
100	475E	25	<1	6	<1	<0.5	7.1	4	<5	16	21000	<5	<0.5	10	143	0.2	<10
100	500E	59	2	57	<1	<0.5	7.1	15	<5	45	340	<5	<0.5	61	92	0.2	50
100	525E	28	<1	8	<1	<0.5	10.6	7	<5	7	6760	<5	<0.5	15	99	0.4	20
100	550E	12	<1	14	<1	<0.5	6.3	11	<5	21	880	<5	<0.5	24	90	<0.1	20
100	575E	9	<1	7	<1	<0.5	7.6	6	<5	22	6280	<5	<0.5	14	66	0.1	20
100	600E	13	<1	3	<1	<0.5	14.7	3	<5	12	420	<5	<0.5	6	53	0.2	20
100	625E	52	<1	6	<1	<0.5	8.4	9	<5	25	12000	<5	<0.5	19	65	0.3	<10
100	650E	39	1	12	<1	<0.5	4.8	8	<5	35	680	<5	<0.5	20	162	0.3	30
100	675E	16	1	6	<1	<0.5	7.5	8	<5	13	390	<5	<0.5	14	17	0.3	20
100	700E	37	2	10	<1	<0.5	5.8	8	<5	24	370	<5	<0.5	18	69	0.5	30
100	725E	77	12	14	<1	<0.5	10.1	9	<5	3	780	<5	4.1	27	40	1.7	90
100	750E	27	5	10	<1	<0.5	8.4	6	<5	<1	370	<5	0.7	17	22	0.6	90
100	775E	39	2	7	<1	<0.5	5.9	1	<5	41	190	<5	<0.5	6	76	0.1	60
100	800E	86	6	8	<1	<0.5	9.9	3	<5	24	1480	<5	1.7	11	56	2.8	40
100	825E	94	2	23	<1	<0.5	8.9	5	<5	40	3020	<5	<0.5	26	86	0.8	50
100	850E	103	1	2	<1	<0.5	6.2	3	<5	26	16700	<5	0.8	6	65	0.3	<10
100	875E	42	6	18	<1	<0.5	8.2	13	<5	3	520	<5	1.9	37	43	0.6	70
100	900E	111	7	3	<1	<0.5	11.6	2	<5	7	650	<5	1.8	5	75	3.1	40
100	925E	97	14	9	<1	<0.5	17	6	<5	6	1980	<5	5.6	16	55	2	60
100	950E	54	8	14	<1	<0.5	7.5	14	<5	3	1190	<5	2.8	32	44	1.3	50
100	975E	43	3	31	<1	<0.5	6.7	34	<5	13	3850	<5	0.6	72	46	0.9	30
200	0E	173	<1	2	<1	<0.5	5.1	2	<5	22	1930	<5	<0.5	4	99	0.5	<10
200	25E	82	2	7	<1	<0.5	4.8	6	<5	9	530	<5	<0.5	13	81	4.4	40
200	50E	36	5	32	<1	<0.5	7.3	36	<5	2	1510	<5	2.1	82	22	1.4	100

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Line	Station	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W
		1	1	1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1	1
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
100	0E	<1	6	<1	18	<1	141	19	<1	660	<1	13	<10	4.9	354	0.7	9	<1
100	25E	<1	<1	<1	12	<1	30	<1	<1	830	<1	<1	<10	0.8	9	2.4	2	<1
100	50E	<1	48	<1	85	<1	101	72	<1	380	<1	16	<10	6.4	1470	0.6	6	<1
100	75E	<1	13	<1	126	1	65	24	<1	90	<1	5	<10	10.3	2220	0.6	8	<1
100	100E	<1	18	<1	89	2	63	29	<1	110	<1	6	<10	6.6	3180	0.6	7	1
100	125E	<1	4	<1	86	<1	30	6	<1	70	<1	2	<10	3.9	1400	<0.5	3	<1
100	150E	<1	29	<1	109	1	72	48	<1	170	<1	9	<10	6.9	770	<0.5	7	<1
100	175E	<1	7	<1	52	2	12	10	<1	1420	<1	1	<10	2.9	6	<0.5	11	<1
100	200E	<1	6	<1	53	<1	26	10	<1	860	<1	2	<10	2.9	169	<0.5	4	<1
100	225E	<1	4	<1	80	<1	28	6	<1	180	<1	2	<10	2.8	1230	<0.5	3	<1
100	250E	<1	2	<1	131	<1	25	2	<1	50	<1	<1	<10	3.8	1070	<0.5	3	<1
100	275E	<1	13	<1	63	3	38	18	<1	570	<1	4	<10	3.7	564	<0.5	5	<1
100	300E	<1	7	<1	19	2	66	12	<1	420	<1	4	<10	1.6	184	0.7	35	<1
100	325E	<1	1	<1	157	<1	37	2	<1	400	<1	<1	<10	2.5	412	<0.5	3	1
100	350E	<1	4	<1	117	<1	15	4	<1	400	<1	<1	<10	1.6	221	<0.5	2	<1
100	375E	<1	9	<1	80	<1	35	12	<1	150	<1	2	<10	3.6	557	<0.5	5	<1
100	400E	<1	<1	<1	29	<1	25	1	<1	360	<1	<1	<10	<0.5	3	<0.5	<1	<1
100	425E	<1	11	<1	64	<1	107	25	<1	60	<1	6	<10	4.1	2010	<0.5	7	<1
100	450E	<1	4	<1	92	<1	58	9	<1	40	<1	2	<10	3.8	1750	<0.5	5	<1
100	475E	<1	2	<1	28	<1	48	4	<1	640	<1	<1	<10	<0.5	6	<0.5	7	<1
100	500E	1	9	<1	29	<1	151	25	<1	940	<1	18	<10	3.9	61	<0.5	22	1
100	525E	<1	3	<1	13	1	17	5	<1	280	<1	1	<10	0.5	13	<0.5	3	<1
100	550E	<1	4	<1	52	<1	36	8	<1	910	<1	2	<10	<0.5	<3	<0.5	9	<1
100	575E	<1	2	<1	60	<1	23	5	<1	910	<1	1	<10	<0.5	<3	<0.5	6	<1
100	600E	<1	1	<1	166	<1	23	2	<1	480	<1	<1	<10	0.9	154	<0.5	3	<1
100	625E	<1	4	<1	72	<1	21	5	<1	800	<1	<1	<10	1.4	36	<0.5	3	<1
100	650E	<1	3	<1	93	<1	44	7	<1	780	<1	2	<10	1.6	48	<0.5	4	<1
100	675E	<1	3	<1	59	<1	28	4	<1	630	<1	1	<10	2	168	<0.5	3	<1
100	700E	<1	3	<1	44	<1	34	6	<1	790	<1	2	<10	1.5	85	<0.5	3	<1
100	725E	<1	4	<1	75	<1	63	9	<1	60	<1	3	<10	2	3110	<0.5	5	<1
100	750E	<1	3	<1	96	<1	45	7	<1	20	<1	2	<10	1.3	787	<0.5	4	<1
100	775E	<1	<1	<1	16	<1	48	3	<1	1140	<1	2	<10	1.2	7	<0.5	3	<1
100	800E	<1	2	<1	7	<1	43	4	<1	290	<1	2	<10	1.9	1090	<0.5	3	<1
100	825E	<1	4	<1	46	<1	54	11	<1	640	<1	6	<10	1.8	52	<0.5	7	<1
100	850E	<1	1	<1	35	<1	21	2	<1	930	<1	<1	<10	0.9	59	<0.5	4	<1
100	875E	<1	6	<1	65	<1	61	12	<1	60	<1	3	<10	3.9	1470	<0.5	5	<1
100	900E	<1	<1	<1	101	<1	28	2	<1	110	<1	<1	<10	1.8	1170	<0.5	2	<1
100	925E	<1	3	<1	96	<1	48	6	<1	100	<1	2	<10	2.4	2280	<0.5	3	<1
100	950E	<1	6	<1	123	<1	51	10	<1	90	<1	2	<10	4.2	1480	<0.5	4	<1
100	975E	<1	14	<1	63	<1	78	23	<1	420	<1	5	<10	4.4	269	<0.5	6	<1
200	0E	<1	<1	<1	36	<1	24	1	<1	750	<1	<1	<10	2.5	46	0.7	5	<1
200	25E	<1	2	<1	20	<1	82	5	<1	240	<1	1	<10	5.7	118	<0.5	7	<1
200	50E	<1	15	<1	112	<1	59	26	<1	90	<1	5	<10	5.4	1510	<0.5	5	<1

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Line	Station	Y	Yb	Zn	Zr
		5	1	20	5
		ppb	ppb	ppb	ppb
100	0E	666	65	280	26
100	25E	<5	21	<20	<5
100	50E	542	27	280	63
100	75E	138	10	440	120
100	100E	185	12	250	79
100	125E	55	4	540	42
100	150E	267	16	420	55
100	175E	52	3	<20	6
100	200E	86	6	280	19
100	225E	56	4	240	24
100	250E	20	2	360	34
100	275E	126	9	280	21
100	300E	258	19	40	18
100	325E	25	2	80	15
100	350E	27	2	110	7
100	375E	54	4	40	33
100	400E	50	5	220	<5
100	425E	182	13	70	65
100	450E	59	5	50	59
100	475E	50	4	40	10
100	500E	1690	161	400	17
100	525E	79	6	160	7
100	550E	121	7	30	6
100	575E	63	4	200	<5
100	600E	22	2	110	13
100	625E	28	2	80	8
100	650E	92	6	250	13
100	675E	33	2	40	23
100	700E	76	5	70	15
100	725E	109	9	290	46
100	750E	80	6	150	25
100	775E	157	15	450	<5
100	800E	84	7	830	16
100	825E	287	19	350	10
100	850E	14	1	100	7
100	875E	107	8	500	66
100	900E	31	3	640	28
100	925E	72	5	270	57
100	950E	87	6	160	46
100	975E	199	13	80	29
200	0E	31	5	20	7
200	25E	57	4	70	23
200	50E	138	8	180	60

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Line	Station	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
		1	1	10	0.1	10	1	10	1	5	5	100	0.5	10	1	0.5	0.5
		ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
200	75E	37	271	<10	0.1	2100	<1	30	24	152	28	<100	6.3	650	54	24.2	14.1
200	100E	25	266	20	0.3	1860	<1	10	15	152	40	<100	10.1	1490	64	29.2	16.1
200	125E	10	234	<10	<0.1	4030	<1	80	5	<5	56	<100	1.7	360	13	18.7	<0.5
200	150E	15	158	<10	0.2	5260	<1	120	42	36	127	<100	4.7	2030	75	42.9	8.6
200	175E	32	233	10	0.4	3180	<1	50	30	99	58	<100	5.9	1430	47	24.6	11.8
200	200E	22	218	30	0.5	2660	<1	30	11	100	38	<100	5.2	1680	41	19.8	11.6
200	225E	17	281	30	0.4	4260	1	40	32	78	56	100	6.6	1260	21	9.8	5.5
200	250E	37	54	<10	3.4	7490	<1	460	22	32	75	<100	<0.5	4320	18	9.3	5.3
200	275E	12	81	<10	0.4	4780	<1	370	12	44	21	<100	<0.5	4140	25	13.9	5.6
200	300E	74	108	<10	0.3	1370	<1	370	16	6	10	<100	2.9	460	3	1.5	1.1
200	325E	20	235	<10	0.3	670	<1	<10	19	64	30	<100	2.9	620	17	8.7	4.9
200	350E	16	106	<10	<0.1	570	<1	210	72	36	32	<100	0.9	2100	35	23.4	5.9
200	375E	42	188	<10	0.4	790	<1	120	13	58	17	<100	4.2	1180	22	11.2	5.9
200	400E	16	242	<10	0.4	1250	<1	40	6	51	29	<100	10	1810	30	14.7	7.2
200	425E	70	67	<10	1.7	3270	<1	650	12	76	11	<100	3.2	13900	274	215	51
200	450E	40	207	<10	0.2	3150	<1	140	13	42	57	<100	5.2	1110	13	6.8	3.6
200	475E	41	170	<10	0.3	600	<1	10	20	49	24	<100	3.7	1220	21	9.8	4.9
200	500E	108	62	<10	0.4	670	<1	430	63	<5	16	<100	1	4880	17	11.6	3.8
200	525E	25	95	<10	0.3	800	<1	280	18	20	128	<100	1.7	2140	10	5.2	1.9
200	550E	25	200	<10	<0.1	1560	<1	90	22	24	50	<100	2.8	490	20	11.1	3.6
200	575E	26	71	<10	0.4	3920	<1	600	37	27	6	<100	1.3	2180	86	53.9	12.9
200	600E	12	168	10	0.2	1280	<1	70	16	60	46	<100	2.4	590	18	8.4	4.4
200	625E	4	80	10	0.3	860	<1	210	15	31	200	<100	2.2	2890	12	7.2	2.7
200	650E	16	52	<10	0.3	760	<1	320	14	33	117	<100	1.1	3580	7	4.3	2.3
200	675E	18	135	<10	0.3	1400	<1	190	10	24	21	<100	2.4	490	11	5.9	2.2
200	700E	11	121	<10	0.4	1270	<1	130	9	41	40	<100	2.8	1100	30	14.5	7.4
200	725E	11	235	20	0.2	1070	<1	30	11	52	35	<100	4.8	540	23	10.7	5.3
200	750E	19	90	<10	1.5	2450	<1	400	14	42	341	<100	1.4	6320	14	8.2	4.4
200	775E	44	110	<10	0.5	3400	<1	230	8	65	47	<100	2.4	3430	76	42.5	13
200	800E	22	102	<10	0.8	3450	<1	370	15	38	80	<100	3	3770	18	9.6	5.5
200	825E	14	152	20	0.5	1450	<1	150	11	109	56	<100	4	1350	36	17.7	9.4
200	850E	2	62	<10	<0.1	290	<1	190	24	8	22	<100	<0.5	2610	7	4.6	1
200	875E	15	136	10	0.4	3230	<1	130	9	80	41	<100	2.9	1120	35	19.4	6.8
200	900E	17	174	10	0.5	1290	<1	80	14	50	48	<100	2.9	770	16	7.6	4.3
200	925E	22	156	<10	0.1	2230	<1	160	24	33	53	<100	2.7	790	28	16	5.6
200	950E	16	174	20	0.4	2270	<1	110	8	153	108	<100	5.3	910	64	32.5	17.9
200	975E	13	207	20	0.4	3140	<1	110	10	100	58	<100	2.9	1560	68	36.7	13.2
300	0E	1	72	<10	0.1	3170	<1	190	6	23	354	<100	2.9	3060	13	8.2	2.5
300	25E	6	199	<10	<0.1	4030	<1	240	36	7	32	<100	1	1430	98	72.1	5.8
300	50E	14	228	<10	<0.1	1940	<1	120	32	79	37	<100	0.5	750	75	37.6	13.2
300	75E	21	137	<10	0.3	6360	<1	300	32	75	33	<100	3.8	1070	58	33.1	12.8
300	100E	17	54	<10	0.3	7530	<1	470	9	64	167	<100	1.2	2580	11	5.8	3.8
300	125E	2	74	<10	<0.1	1460	<1	280	36	21	15	<100	<0.5	490	18	11	3.4

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Line	Station	Fe	Ga	Gd	Hg	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
		1	1	1	1	0.5	0.1	1	5	1	10	5	0.5	1	5	0.1	10
		ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
200	75E	67	11	54	<1	<0.5	11.6	62	<5	8	1250	<5	3.7	155	62	2.8	470
200	100E	81	13	61	<1	<0.5	10.3	65	<5	2	1420	7	4.9	159	59	2.7	170
200	125E	60	2	1	<1	<0.5	6.5	<1	<5	21	480	<5	<0.5	1	65	0.2	10
200	150E	64	2	40	<1	<0.5	6.9	12	<5	35	5340	<5	<0.5	56	129	0.6	130
200	175E	98	10	44	<1	<0.5	9	43	<5	8	2280	13	3.2	111	95	3.5	200
200	200E	110	17	45	<1	<0.5	6.5	43	<5	2	1850	25	6.6	102	37	2.1	240
200	225E	126	16	20	<1	<0.5	11.7	32	<5	6	2970	24	5.9	57	67	4.4	390
200	250E	13	1	22	<1	<0.5	5.2	15	<5	74	4240	218	<0.5	44	172	0.2	70
200	275E	17	<1	22	<1	<0.5	4.9	23	<5	28	510	54	<0.5	49	115	0.1	140
200	300E	9	<1	4	<1	<0.5	9	6	<5	12	180	7	<0.5	10	31	0.3	20
200	325E	66	10	17	<1	<0.5	6.4	25	<5	<1	440	6	2.7	53	47	1.2	160
200	350E	23	1	25	<1	<0.5	11.6	26	<5	12	4320	<5	<0.5	53	94	0.1	70
200	375E	67	9	22	<1	<0.5	12.4	28	<5	6	630	7	5.2	54	44	1.1	100
200	400E	81	7	28	<1	<0.5	7	33	<5	3	260	<5	2.4	69	78	1.2	110
200	425E	19	2	209	<1	<0.5	5.2	245	<5	60	1460	<5	<0.5	450	108	0.1	20
200	450E	88	7	13	<1	<0.5	16.7	19	<5	12	3300	<5	2.9	33	46	2	150
200	475E	21	4	19	<1	<0.5	10.4	18	<5	<1	410	<5	0.9	46	28	0.9	60
200	500E	4	<1	16	<1	<0.5	7.8	16	<5	16	5180	<5	<0.5	31	71	<0.1	10
200	525E	61	2	8	<1	<0.5	10.9	10	<5	10	27500	<5	<0.5	18	40	0.3	<10
200	550E	63	7	15	<1	<0.5	9.1	14	<5	16	1400	<5	2.1	31	79	0.9	60
200	575E	18	<1	62	<1	<0.5	3.2	35	<5	34	570	<5	<0.5	84	127	<0.1	30
200	600E	39	5	18	<1	<0.5	12.4	21	<5	8	2460	<5	1.7	40	41	2	60
200	625E	221	2	11	<1	<0.5	13.1	11	<5	22	15700	6	0.8	27	140	0.9	20
200	650E	46	1	9	<1	<0.5	7.4	10	<5	16	41500	59	0.7	28	138	0.3	<10
200	675E	59	3	9	<1	<0.5	5.1	8	<5	6	1460	<5	1	18	37	0.9	30
200	700E	22	3	30	<1	<0.5	5.5	23	<5	7	2220	<5	0.9	59	18	0.6	40
200	725E	44	5	22	<1	<0.5	19.6	21	<5	3	1770	<5	2	50	44	2.2	50
200	750E	27	1	16	<1	<0.5	10	20	<5	67	20100	9	<0.5	49	221	0.4	20
200	775E	58	1	59	<1	<0.5	5.8	38	<5	46	1660	<5	<0.5	102	108	0.3	50
200	800E	20	<1	21	<1	<0.5	8.4	21	<5	48	5310	<5	<0.5	54	78	0.5	10
200	825E	40	4	37	<1	<0.5	10.6	37	<5	7	2580	<5	1.8	84	37	1.6	40
200	850E	132	<1	4	<1	<0.5	6	4	<5	16	10300	<5	<0.5	9	76	0.2	10
200	875E	32	3	30	<1	<0.5	8.1	29	<5	26	3030	<5	1.5	58	32	0.9	80
200	900E	39	4	16	<1	<0.5	9.3	17	<5	4	1780	<5	2.3	34	28	1.4	60
200	925E	73	3	23	<1	<0.5	7.9	16	<5	21	3020	<5	0.7	41	86	1	50
200	950E	71	10	73	<1	<0.5	10.7	69	<5	13	9390	<5	4.2	174	37	2.4	80
200	975E	101	8	54	<1	<0.5	8.8	49	<5	16	1630	<5	3.8	110	75	2.2	60
300	0E	178	1	10	<1	<0.5	22.7	10	<5	34	29100	7	0.6	21	138	0.5	<10
300	25E	31	1	31	<1	<0.5	11.2	2	<5	51	110	<5	<0.5	22	128	0.1	50
300	50E	57	5	60	<1	<0.5	12.7	29	<5	25	1870	<5	0.6	110	128	2.7	70
300	75E	42	2	56	<1	<0.5	8.7	44	<5	32	2900	<5	0.6	109	102	1	30
300	100E	43	1	15	<1	<0.5	7.5	22	<5	34	15500	24	0.8	49	74	0.3	<10
300	125E	28	<1	15	<1	<0.5	12.6	10	<5	26	5760	37	<0.5	26	96	0.2	50

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Line	Station	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W
		1	1	1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1	1
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
200	75E	<1	29	<1	76	2	68	43	<1	230	<1	9	<10	5.1	1690	<0.5	5	<1
200	100E	<1	29	<1	108	2	110	48	<1	90	<1	10	<10	10.5	2290	0.7	10	<1
200	125E	<1	<1	<1	47	<1	32	<1	<1	780	<1	<1	<10	0.7	<3	0.8	2	<1
200	150E	<1	9	<1	57	<1	52	22	<1	1130	<1	10	<10	4.2	27	<0.5	13	<1
200	175E	<1	20	<1	103	3	85	35	<1	320	<1	8	<10	10.8	1370	<0.5	12	<1
200	200E	<1	18	<1	94	4	90	35	<1	120	<1	7	<10	11.7	3070	<0.5	11	2
200	225E	<1	11	<1	126	5	61	17	<1	240	<1	3	<10	12.7	3200	<0.5	8	2
200	250E	<1	7	<1	19	1	28	14	<1	3390	<1	3	<10	6.3	70	<0.5	23	<1
200	275E	<1	9	<1	11	2	37	15	<1	1710	<1	4	<10	2.2	4	<0.5	53	<1
200	300E	<1	2	<1	90	<1	10	3	<1	650	<1	<1	<10	1.2	25	<0.5	2	<1
200	325E	<1	11	<1	87	<1	54	14	<1	40	<1	3	<10	4.6	1730	<0.5	4	<1
200	350E	<1	10	<1	30	<1	37	17	<1	510	<1	5	<10	0.9	7	<0.5	11	<1
200	375E	<1	11	<1	86	<1	66	17	<1	200	<1	4	<10	7.2	1550	<0.5	7	<1
200	400E	<1	13	<1	122	<1	76	21	<1	130	<1	5	<10	5.7	941	<0.5	4	<1
200	425E	2	89	<1	43	<1	293	142	<1	2610	<1	36	<10	3.2	19	<0.5	38	1
200	450E	<1	7	<1	101	<1	55	10	<1	340	<1	2	<10	5	1600	<0.5	4	<1
200	475E	<1	8	<1	101	<1	66	15	<1	20	<1	3	<10	4.6	547	<0.5	6	<1
200	500E	<1	5	<1	17	<1	15	10	<1	930	<1	2	<10	<0.5	<3	<0.5	8	<1
200	525E	<1	4	<1	67	<1	55	5	<1	540	<1	1	<10	1.7	105	<0.5	5	<1
200	550E	<1	6	<1	57	<1	54	11	<1	430	<1	3	<10	2.3	1440	<0.5	3	<1
200	575E	<1	14	<1	37	<1	113	32	<1	1980	<1	11	<10	0.9	<3	<0.5	13	<1
200	600E	<1	8	<1	84	<1	61	14	<1	160	<1	3	<10	4.4	1480	<0.5	5	<1
200	625E	<1	5	<1	68	<1	62	8	<1	810	<1	2	<10	2.4	338	<0.5	6	1
200	650E	<1	5	<1	33	<1	27	8	<1	710	<1	1	<10	1	16	<0.5	9	<1
200	675E	<1	3	<1	71	<1	43	6	<1	350	<1	2	<10	2.1	771	<0.5	3	<1
200	700E	<1	10	<1	63	<1	98	21	<1	230	<1	5	<10	4.6	762	<0.5	8	<1
200	725E	<1	9	<1	89	<1	67	16	<1	70	<1	4	<10	5.2	1770	<0.5	5	<1
200	750E	<1	9	<1	55	<1	40	14	<1	1460	<1	2	<10	3.1	17	<0.5	6	<1
200	775E	<1	17	<1	45	<1	142	34	<1	1010	<1	11	<10	2.1	30	0.6	7	<1
200	800E	<1	9	<1	64	<1	42	17	<1	1050	<1	3	<10	2.5	22	<0.5	4	<1
200	825E	<1	15	<1	84	1	124	29	<1	320	<1	6	<10	8.5	1400	<0.5	9	<1
200	850E	<1	2	<1	11	<1	41	3	<1	480	<1	<1	<10	0.5	24	<0.5	4	<1
200	875E	<1	10	<1	52	<1	99	19	<1	640	<1	5	<10	5	1060	<0.5	7	<1
200	900E	<1	6	<1	77	<1	61	12	<1	120	<1	3	<10	5.6	1860	<0.5	6	<1
200	925E	<1	7	<1	59	<1	73	15	<1	630	<1	4	<10	2.6	476	<0.5	5	<1
200	950E	<1	31	<1	100	1	165	55	<1	220	<1	11	<10	6.3	2800	<0.5	7	<1
200	975E	<1	20	<1	55	<1	151	36	<1	500	<1	10	<10	6.6	2040	<0.5	9	<1
300	0E	<1	4	<1	65	<1	54	7	<1	960	<1	2	<10	2.1	39	<0.5	15	<1
300	25E	<1	3	<1	45	<1	84	13	<1	1740	<1	10	<10	1.6	<3	<0.5	3	<1
300	50E	<1	18	<1	34	<1	77	37	<1	710	<1	11	<10	3.8	331	<0.5	6	<1
300	75E	<1	19	<1	74	<1	88	36	<1	1110	<1	9	<10	4.3	228	<0.5	6	<1
300	100E	<1	10	<1	44	<1	18	13	<1	1900	<1	2	<10	4.7	19	<0.5	13	<1
300	125E	<1	4	<1	14	<1	29	9	<1	1000	<1	3	<10	0.7	10	<0.5	54	<1

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Line	Station	Y	Yb	Zn	Zr
		5	1	20	5
		ppb	ppb	ppb	ppb
200	75E	289	15	280	54
200	100E	311	19	210	109
200	125E	75	16	110	<5
200	150E	455	26	740	10
200	175E	255	17	860	74
200	200E	188	14	260	118
200	225E	93	7	1040	114
200	250E	92	7	390	16
200	275E	134	9	<20	11
200	300E	17	1	60	5
200	325E	91	6	130	44
200	350E	262	17	270	6
200	375E	107	8	60	81
200	400E	165	10	50	68
200	425E	2000	137	20	19
200	450E	68	5	300	49
200	475E	94	7	170	63
200	500E	164	8	50	<5
200	525E	49	4	<20	14
200	550E	126	8	70	27
200	575E	640	34	40	10
200	600E	81	6	170	59
200	625E	67	6	110	19
200	650E	45	4	<20	9
200	675E	60	4	90	30
200	700E	137	10	80	54
200	725E	115	8	120	79
200	750E	89	7	140	17
200	775E	513	27	120	18
200	800E	102	7	150	19
200	825E	178	13	160	102
200	850E	47	4	140	6
200	875E	193	13	110	69
200	900E	68	5	190	94
200	925E	169	11	380	29
200	950E	328	22	180	102
200	975E	396	26	200	93
300	0E	74	6	140	13
300	25E	590	49	1680	<5
300	50E	442	23	1220	17
300	75E	361	24	1990	34
300	100E	62	5	70	15
300	125E	120	8	60	6

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Line	Station	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
		1	1	10	0.1	10	1	10	1	5	5	100	0.5	10	1	0.5	0.5
		ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
300	150E	3	102	10	<0.1	480	<1	80	6	116	28	<100	<0.5	560	47	24.2	13.8
300	175E	14	86	<10	<0.1	800	<1	120	36	46	24	<100	<0.5	960	35	22.1	7.5
300	200E	1	59	<10	<0.1	520	<1	160	13	7	44	<100	<0.5	760	16	14.4	2.3
300	225E	5	63	<10	<0.1	630	<1	170	14	6	29	<100	<0.5	460	9	7.4	1.4
300	250E	16	97	10	<0.1	1640	<1	130	47	68	16	<100	<0.5	5270	56	33.5	11.5
300	275E	21	141	10	0.3	1700	<1	260	24	41	118	<100	2.6	810	10	5.2	2.9
300	300E	6	158	<10	0.2	890	<1	140	25	<5	293	<100	<0.5	1170	2	1.5	<0.5
300	325E	27	222	20	0.3	3180	<1	40	39	44	59	100	2.5	730	14	7.4	3.1
300	350E	11	172	<10	0.1	1990	<1	270	27	55	68	<100	<0.5	520	22	11	5.2
300	375E	16	298	<10	<0.1	2600	<1	90	34	68	124	<100	0.9	890	27	12.3	6.1
300	400E	27	103	<10	0.3	3300	<1	370	12	59	188	<100	3	2930	8	4.1	2.4
300	425E	27	191	10	0.4	5250	<1	40	12	92	26	<100	3.9	1120	33	15.4	7.3
300	450E	23	191	10	0.5	1050	<1	20	12	89	29	<100	3	760	35	18.3	7.7
300	475E	15	227	<10	0.2	1210	<1	10	25	37	27	<100	4.1	720	12	6.4	2.4
300	500E	88	255	10	0.3	1620	<1	70	63	26	120	<100	4.7	900	13	6.8	2.3
300	525E	46	81	<10	0.4	1340	<1	660	25	10	5	<100	<0.5	870	9	5.3	2.2
300	550E	20	139	<10	0.6	1550	<1	200	11	40	80	<100	3.5	1610	11	6	2.7
300	575E	7	109	<10	0.2	1250	<1	130	13	25	354	<100	3.2	2390	6	3.4	1.3
300	600E	16	80	<10	0.4	1010	<1	350	8	14	58	<100	1.4	2210	4	2.5	1.4
300	625E	8	168	10	0.3	2070	<1	120	11	32	50	<100	2.9	790	12	6.3	2.6
300	650E	24	79	<10	0.2	1780	<1	410	13	13	69	<100	2.5	1470	3	1.3	1
300	675E	22	249	20	0.2	2020	<1	30	24	83	63	<100	3.3	680	30	14.4	7.1
300	700E	32	122	<10	0.3	1640	<1	290	15	25	106	<100	3.5	1660	11	6.2	2.9
300	725E	38	202	10	0.4	1040	<1	20	29	35	30	<100	2.8	360	20	9.7	4.1
300	750E	7	193	20	0.4	1690	<1	30	12	66	88	<100	3.1	590	24	11.6	5.5
300	775E	17	147	<10	0.3	1320	<1	120	17	29	42	<100	2.8	1400	72	38.9	15.6
300	800E	5	83	<10	0.4	1400	<1	100	32	57	11	<100	1.2	1840	116	66.1	16.7
300	825E	5	87	<10	<0.1	90	<1	180	33	8	34	<100	<0.5	1900	17	12.1	2.5
300	850E	12	86	<10	0.5	2280	<1	240	29	40	75	<100	0.9	6500	77	61	7.4
300	875E	14	176	20	0.1	3200	<1	80	24	46	78	<100	4.8	1160	53	33.4	7.1
300	900E	11	214	30	0.5	3210	<1	60	7	85	69	<100	5.4	1480	48	25.9	10.2
300	925E	14	195	10	0.4	2550	<1	30	13	24	120	<100	5.9	1660	22	14.2	2.9
300	950E	14	183	10	0.5	2060	<1	70	12	67	49	<100	4	940	39	20.5	8.6
300	975E	19	214	20	0.2	1780	<1	10	25	40	43	<100	3.4	570	24	12	4.3
400	0E	4	69	<10	<0.1	180	<1	150	50	50	30	<100	<0.5	1120	33	17.6	7.7
400	25E	10	134	<10	<0.1	430	<1	60	105	86	40	<100	<0.5	3140	69	40.6	12.1
400	50E	8	149	<10	<0.1	210	<1	30	57	60	44	<100	<0.5	2650	94	53.5	13.8
400	75E	16	143	<10	<0.1	480	<1	50	86	63	25	<100	<0.5	5200	117	71.5	13.5
400	100E	5	106	<10	<0.1	1250	<1	110	28	85	18	<100	1.9	730	55	28.4	9.6
400	125E	69	59	<10	0.1	980	<1	360	101	11	<5	<100	<0.5	2450	9	5.2	2.5
400	150E	26	112	<10	0.9	6560	<1	410	27	53	23	<100	1	2970	85	56.8	11.6
400	175E	42	222	20	0.4	2610	<1	20	31	50	40	<100	4.3	900	31	16.2	6
400	200E	41	251	<10	0.4	1080	<1	<10	22	65	35	<100	4.8	690	18	7.8	4.6

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Line	Station	Fe	Ga	Gd	Hg	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
		1	1	1	1	0.5	0.1	1	5	1	10	5	0.5	1	5	0.1	10
		ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
300	150E	51	5	54	<1	<0.5	8.8	44	<5	5	90	<5	0.5	127	31	5.6	60
300	175E	66	5	32	<1	<0.5	1.1	22	<5	8	1620	31	0.6	61	32	2.7	60
300	200E	84	4	11	<1	<0.5	3.1	3	<5	9	3270	35	<0.5	14	26	0.6	70
300	225E	100	4	7	<1	<0.5	1.7	3	<5	8	930	8	<0.5	10	36	0.6	60
300	250E	102	3	51	<1	<0.5	4.1	50	<5	6	210	10	1.6	103	75	2.4	170
300	275E	87	5	10	<1	<0.5	33.7	22	<5	23	2280	11	3.6	34	78	1.1	170
300	300E	246	4	1	<1	<0.5	13.3	3	<5	18	15600	<5	2.1	4	80	3.2	<10
300	325E	130	15	12	<1	<0.5	21	19	<5	8	670	10	5.8	33	81	2.9	300
300	350E	38	3	23	<1	<0.5	12.2	24	<5	48	1370	<5	<0.5	55	81	0.8	110
300	375E	39	7	25	<1	<0.5	9.1	19	<5	28	820	<5	0.5	69	110	0.8	120
300	400E	27	2	9	<1	<0.5	15.4	14	<5	25	39900	8	0.5	28	58	0.4	10
300	425E	42	6	29	<1	<0.5	11.3	41	<5	6	370	<5	6.8	72	23	0.9	160
300	450E	58	7	32	<1	<0.5	11	38	<5	3	1290	<5	2.1	77	28	1.3	240
300	475E	70	11	10	<1	<0.5	20	15	<5	3	810	<5	2.3	28	60	2	100
300	500E	78	7	9	<1	<0.5	18.2	10	<5	14	1730	<5	2.7	19	85	2	120
300	525E	6	<1	10	<1	<0.5	7.5	8	<5	14	1340	<5	<0.5	18	84	0.2	<10
300	550E	118	4	10	<1	<0.5	8.1	17	<5	10	7480	<5	2.2	25	28	1	40
300	575E	235	6	5	<1	<0.5	22.8	10	<5	20	48600	5	2.7	14	109	2.1	10
300	600E	38	1	5	<1	<0.5	7	7	<5	6	8280	<5	1	16	31	0.5	<10
300	625E	69	6	10	<1	<0.5	11.6	11	<5	4	2070	<5	2.7	22	51	1.5	80
300	650E	23	<1	3	<1	<0.5	5.8	5	<5	7	7020	<5	<0.5	11	47	0.3	<10
300	675E	40	5	30	<1	<0.5	11.6	31	<5	2	1420	<5	2.2	68	39	1.8	100
300	700E	38	3	12	<1	<0.5	8.7	14	<5	13	11600	<5	1.1	27	36	0.7	20
300	725E	44	5	16	<1	<0.5	10.5	14	<5	2	620	<5	2.3	34	32	1.9	80
300	750E	64	8	23	<1	<0.5	7.2	16	<5	2	2970	<5	3.3	44	36	2.8	80
300	775E	46	5	71	<1	<0.5	8	45	<5	15	2490	<5	1.7	127	66	1.3	40
300	800E	14	1	80	<1	<0.5	10.1	28	<5	22	430	<5	<0.5	138	109	0.3	70
300	825E	18	2	12	<1	<0.5	2.2	5	<5	8	1320	<5	<0.5	16	60	0.6	40
300	850E	82	<1	37	<1	<0.5	4.1	22	<5	39	3270	<5	<0.5	52	124	0.2	80
300	875E	136	5	34	<1	<0.5	12	16	<5	26	8810	<5	2	52	159	3.4	70
300	900E	80	7	43	<1	<0.5	3.6	37	<5	8	6160	<5	2.9	87	47	2	60
300	925E	128	5	13	<1	<0.5	9.1	11	<5	10	4620	<5	2	24	80	2.3	30
300	950E	56	6	37	<1	<0.5	5.5	33	<5	7	5150	<5	2.5	75	45	1.2	70
300	975E	82	10	19	<1	<0.5	9.6	16	<5	4	490	<5	3.8	41	63	2.1	70
400	0E	17	2	34	<1	<0.5	3.1	26	<5	10	1860	26	0.7	65	54	1.5	20
400	25E	30	7	52	<1	<0.5	0.6	37	<5	4	6280	21	1	95	91	1.8	80
400	50E	26	6	62	<1	<0.5	0.3	22	<5	3	2490	6	<0.5	83	60	1.8	50
400	75E	57	5	63	<1	<0.5	1.2	27	<5	6	900	17	0.5	88	62	1.5	130
400	100E	45	2	41	<1	<0.5	5.4	21	<5	14	4150	18	<0.5	74	83	0.8	60
400	125E	9	<1	10	<1	<0.5	4.1	7	<5	23	710	<5	<0.5	20	189	0.1	120
400	150E	43	2	54	<1	<0.5	4.5	39	<5	71	950	8	<0.5	89	258	0.2	150
400	175E	106	11	24	<1	<0.5	13.2	25	<5	4	1750	11	3.6	56	75	2.7	230
400	200E	69	7	17	<1	<0.5	11	29	<5	1	220	9	2.6	52	73	1.7	220

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Line	Station	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W
		1	1	1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1	1
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
300	150E	<1	23	<1	<5	<1	66	41	<1	210	<1	8	<10	5.1	86	<0.5	2	<1
300	175E	<1	11	<1	<5	2	48	22	<1	420	<1	5	<10	4.3	68	<0.5	5	<1
300	200E	<1	2	<1	8	1	22	6	<1	420	<1	2	<10	1.6	19	<0.5	<1	<1
300	225E	<1	2	<1	<5	4	18	4	<1	480	<1	1	<10	1.2	30	<0.5	<1	<1
300	250E	<1	20	<1	16	6	85	33	<1	380	<1	8	<10	4.4	297	0.6	4	<1
300	275E	<1	7	<1	106	<1	32	9	<1	530	<1	2	<10	5.1	1030	<0.5	3	<1
300	300E	<1	<1	<1	39	<1	29	1	<1	470	<1	<1	<10	1.2	906	<0.5	3	<1
300	325E	<1	6	<1	97	2	45	9	<1	260	<1	2	<10	4.5	3040	<0.5	4	2
300	350E	<1	10	<1	26	<1	30	16	<1	1430	<1	4	<10	2.4	148	<0.5	3	<1
300	375E	<1	12	<1	63	<1	29	19	<1	710	<1	4	<10	1.2	346	<0.5	2	<1
300	400E	<1	5	<1	88	<1	31	7	<1	910	<1	1	<10	3.4	59	<0.5	4	<1
300	425E	<1	14	<1	138	<1	84	22	<1	200	<1	5	<10	7	2170	<0.5	8	<1
300	450E	<1	15	<1	116	<1	83	23	<1	100	<1	6	<10	4.4	1550	<0.5	6	<1
300	475E	<1	6	<1	118	<1	39	7	<1	100	<1	2	<10	2.8	1190	<0.5	3	<1
300	500E	<1	4	<1	120	<1	48	6	<1	300	<1	2	<10	3.4	2430	<0.5	4	<1
300	525E	<1	3	<1	33	<1	14	6	<1	1060	<1	1	<10	<0.5	5	<0.5	7	<1
300	550E	<1	5	<1	62	<1	44	8	<1	380	<1	2	<10	4.6	1030	<0.5	5	<1
300	575E	<1	3	<1	105	<1	34	4	<1	440	<1	<1	<10	2.4	1010	<0.5	6	<1
300	600E	<1	3	<1	53	<1	15	4	<1	610	<1	<1	<10	1.7	109	<0.5	2	<1
300	625E	<1	4	<1	117	<1	48	8	<1	180	<1	2	<10	6.2	1850	<0.5	6	<1
300	650E	<1	2	<1	74	<1	8	3	<1	640	<1	<1	<10	1.3	28	<0.5	2	<1
300	675E	<1	13	<1	86	<1	62	22	<1	90	<1	5	<10	5.8	2120	<0.5	5	<1
300	700E	<1	5	<1	82	<1	41	8	<1	470	<1	2	<10	2.9	498	<0.5	3	<1
300	725E	<1	6	<1	86	<1	65	11	<1	90	<1	3	<10	3.1	2210	<0.5	4	<1
300	750E	<1	8	<1	73	<1	82	16	<1	90	<1	4	<10	7.4	2950	<0.5	7	<1
300	775E	<1	21	<1	60	<1	130	43	<1	390	<1	11	<10	2.6	954	<0.5	5	<1
300	800E	<1	21	<1	28	<1	138	46	<1	490	<1	16	<10	1.8	20	<0.5	7	<1
300	825E	<1	3	<1	7	3	21	7	<1	270	<1	2	<10	0.8	31	<0.5	3	<1
300	850E	<1	9	<1	15	<1	98	18	<1	780	<1	8	<10	0.8	18	<0.5	18	<1
300	875E	<1	8	<1	84	<1	107	19	<1	400	<1	7	<10	4.7	1560	<0.5	7	<1
300	900E	<1	16	<1	76	1	115	29	<1	210	<1	7	<10	6.5	2270	<0.5	7	<1
300	925E	<1	4	<1	72	<1	71	8	<1	220	<1	3	<10	4.4	1410	<0.5	5	<1
300	950E	<1	13	<1	73	<1	99	25	<1	230	<1	6	<10	5.8	1430	<0.5	6	<1
300	975E	<1	7	<1	75	<1	62	13	<1	90	<1	4	<10	4.3	2560	<0.5	4	<1
400	0E	<1	12	<1	6	2	14	23	<1	320	<1	5	<10	1.9	5	1.3	2	<1
400	25E	<1	17	<1	<5	1	109	34	<1	200	<1	10	<10	10	96	<0.5	6	<1
400	50E	<1	13	<1	<5	<1	84	36	<1	120	<1	13	<10	6.2	30	<0.5	<1	<1
400	75E	<1	15	<1	<5	2	95	35	<1	250	<1	14	<10	5.8	88	<0.5	4	<1
400	100E	<1	13	<1	8	<1	83	26	<1	520	<1	8	<10	4.2	49	<0.5	11	<1
400	125E	<1	4	<1	6	<1	10	7	<1	990	<1	1	<10	0.6	<3	<0.5	7	<1
400	150E	<1	16	<1	52	<1	111	31	<1	2540	<1	11	<10	4.6	64	<0.5	56	<1
400	175E	<1	11	<1	100	1	59	17	<1	160	<1	5	<10	7.2	1810	<0.5	6	1
400	200E	<1	10	<1	104	1	44	14	<1	60	<1	3	<10	5.5	1130	<0.5	4	<1

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Line	Station	Y	Yb	Zn	Zr
		5	1	20	5
		ppb	ppb	ppb	ppb
300	150E	209	18	20	18
300	175E	196	17	20	18
300	200E	99	15	50	7
300	225E	61	7	<20	7
300	250E	381	25	20	24
300	275E	54	4	170	31
300	300E	13	1	630	12
300	325E	72	5	640	49
300	350E	136	7	460	11
300	375E	154	8	1330	6
300	400E	40	3	50	20
300	425E	150	10	100	121
300	450E	188	13	120	47
300	475E	64	4	230	32
300	500E	63	5	590	51
300	525E	65	4	20	<5
300	550E	53	4	50	58
300	575E	29	3	150	24
300	600E	24	2	20	12
300	625E	49	4	150	72
300	650E	14	1	20	5
300	675E	146	10	150	87
300	700E	63	4	40	32
300	725E	98	7	110	69
300	750E	99	9	390	110
300	775E	453	25	300	42
300	800E	704	42	30	10
300	825E	114	9	<20	9
300	850E	537	40	70	14
300	875E	316	24	1420	49
300	900E	251	18	490	98
300	925E	121	10	440	46
300	950E	215	14	130	82
300	975E	117	8	230	74
400	0E	181	12	20	8
400	25E	327	30	50	33
400	50E	446	38	30	16
400	75E	633	49	40	16
400	100E	311	19	100	18
400	125E	65	4	1100	<5
400	150E	530	39	130	40
400	175E	162	11	580	65
400	200E	81	5	150	48

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Line	Station	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
		1	1	10	0.1	10	1	10	1	5	5	100	0.5	10	1	0.5	0.5
		ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
400	225E	46	209	10	0.3	910	<1	10	20	42	26	<100	4.1	340	12	5.9	3
400	250E	226	206	10	0.4	800	<1	<10	36	16	20	<100	3	990	6	3.4	1.4
400	275E	28	>300	<10	0.4	1140	<1	130	23	28	179	<100	<0.5	1100	15	8.1	3.5
400	300E	18	250	10	0.2	3150	<1	20	18	57	96	<100	2.8	630	15	7.6	3.7
400	325E	41	240	10	0.1	1430	<1	10	25	24	50	<100	2.6	420	7	3.6	1.7
400	350E	9	264	10	<0.1	1360	<1	10	21	23	54	<100	2.2	400	9	4.4	1.7
400	375E	38	234	<10	0.1	1530	<1	20	26	38	104	<100	3.8	640	14	6.7	2.9
400	400E	38	79	<10	0.3	3050	<1	490	28	<5	13	<100	0.9	1040	3	1.7	1.1
400	425E	16	208	<10	0.2	1530	<1	20	22	53	30	<100	4	470	19	9	4.2
400	450E	32	124	<10	0.2	1870	<1	280	22	21	20	<100	2.7	720	11	5.9	2.5
400	475E	49	92	<10	0.3	1070	<1	380	30	40	8	<100	2.9	5550	28	14.6	6.3
400	500E	14	244	<10	<0.1	1260	<1	30	15	16	75	<100	1.1	460	8	4.3	1.6
400	525E	23	166	<10	0.2	820	<1	50	15	32	29	<100	2.3	520	15	8.1	2.9
400	550E	8	252	20	0.1	2180	<1	60	7	90	39	<100	6.1	810	24	11.2	6.1
400	575E	19	193	<10	0.2	790	<1	<10	9	17	19	<100	4.5	1320	7	3.7	1.3
400	600E	10	211	20	0.1	600	<1	<10	10	46	15	<100	5.1	540	14	6.9	3.4
400	625E	10	254	10	0.2	1380	<1	20	5	161	23	<100	3.6	620	40	18.4	10.1
400	650E	14	180	10	0.3	1180	<1	20	8	104	23	<100	3.6	450	37	17.9	7.4
400	675E	57	87	<10	0.4	830	<1	230	30	8	9	<100	1.9	940	4	2.2	1.5
400	700E	12	201	<10	0.3	1440	<1	30	14	46	27	<100	3.3	780	24	11.1	4.7
400	725E	34	79	<10	0.5	1030	<1	360	9	7	12	<100	1.9	15600	4	2	1.3
400	750E	30	78	<10	0.3	300	<1	260	47	20	21	<100	1.7	3890	19	11.9	3.1
400	775E	4	79	<10	<0.1	<10	<1	170	72	5	49	<100	<0.5	2640	7	5.4	1.1
400	800E	13	80	<10	0.3	1010	<1	260	17	39	199	<100	4.6	4140	11	6	2.9
400	825E	17	158	<10	0.2	350	<1	80	54	22	45	<100	0.7	9220	40	29.8	4
400	850E	10	66	<10	<0.1	320	<1	190	26	6	32	<100	<0.5	2480	12	10.1	1.8
400	875E	3	46	<10	<0.1	360	<1	240	9	<5	10	<100	<0.5	1790	6	4.4	1.1
400	900E	2	133	<10	<0.1	410	<1	90	12	38	57	<100	<0.5	1910	94	73.9	8.5
400	925E	9	161	<10	0.2	2380	<1	170	18	74	34	<100	3.5	780	66	35.2	13.8
400	950E	22	219	10	0.2	1720	<1	40	19	79	39	<100	4	750	44	21.1	9.5
400	975E	27	199	20	0.3	3500	<1	90	13	63	24	<100	3.6	1520	42	21.7	8.5
500	0E	5	144	<10	<0.1	4130	<1	150	52	52	140	<100	3.4	3020	203	166	11.8
500	25E	12	131	<10	<0.1	1240	<1	180	81	95	11	<100	<0.5	3190	138	80.3	17.7
500	50E	7	116	<10	<0.1	290	<1	90	47	71	48	<100	<0.5	3370	49	25.8	9.6
500	75E	9	98	<10	<0.1	610	<1	130	36	70	46	<100	<0.5	2080	46	26.4	8.3
500	100E	29	117	<10	0.6	4270	<1	380	27	64	67	100	0.7	2140	55	39	8.2
500	125E	45	46	<10	1.1	6220	<1	710	7	54	30	<100	<0.5	4450	43	26.7	8.7
500	150E	3	72	<10	0.1	4390	<1	270	15	9	133	<100	1.7	2630	4	3.7	0.7
500	175E	34	180	<10	0.1	4110	<1	250	32	41	55	<100	1.4	700	25	12.9	5.1
500	200E	43	191	<10	0.2	3960	<1	180	30	57	46	<100	2.6	570	20	10.4	5
500	225E	47	254	10	0.2	1100	<1	20	21	12	21	<100	4.3	46600	2	0.9	0.6
500	250E	40	262	<10	0.2	970	<1	<10	41	32	29	<100	4.7	520	8	3.8	2
500	275E	27	255	<10	0.1	1050	<1	20	29	49	65	<100	3.2	470	13	6	3.1

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Line	Station	Fe	Ga	Gd	Hg	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
		1	1	1	1	0.5	0.1	1	5	1	10	5	0.5	1	5	0.1	10
		ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
400	225E	79	10	11	<1	<0.5	10.7	19	<5	1	820	14	2.7	32	45	2.1	210
400	250E	78	9	5	<1	<0.5	18.9	8	<5	2	650	10	4.1	13	56	2	18700
400	275E	49	7	13	<1	<0.5	13.2	11	<5	20	1540	<5	<0.5	39	80	0.4	140
400	300E	83	11	14	<1	<0.5	12.6	21	<5	5	1190	5	2.5	45	107	2.3	410
400	325E	88	10	7	<1	<0.5	10.8	10	<5	5	1820	6	2.5	20	81	3.3	370
400	350E	112	18	6	<1	<0.5	7.7	10	<5	7	3290	<5	3.6	18	93	3.5	150
400	375E	84	12	11	<1	<0.5	22.5	13	<5	6	960	<5	2.9	31	130	1.9	160
400	400E	9	<1	4	<1	<0.5	7.4	4	<5	30	320	<5	<0.5	9	81	0.2	10
400	425E	70	7	16	<1	<0.5	20.4	19	<5	2	190	<5	3.1	43	52	1	100
400	450E	29	2	10	<1	<0.5	13.5	12	<5	16	250	<5	0.5	23	57	0.6	50
400	475E	11	<1	26	<1	<0.5	7.2	33	<5	12	2410	<5	<0.5	59	99	0.1	20
400	500E	58	8	6	<1	<0.5	10.6	6	<5	7	1290	<5	1.4	15	57	1.5	110
400	525E	70	10	13	<1	<0.5	12.9	14	<5	5	770	<5	3.9	29	38	1	50
400	550E	93	11	23	<1	<0.5	9.4	39	<5	5	750	<5	5.1	67	52	1.7	60
400	575E	35	3	5	<1	<0.5	7.5	7	<5	2	580	<5	1.4	14	25	1.4	170
400	600E	87	10	13	<1	<0.5	7.2	19	<5	1	740	<5	3.9	37	29	2.6	120
400	625E	60	9	40	<1	<0.5	7.5	74	<5	3	600	<5	3.8	123	30	1.9	80
400	650E	33	5	31	<1	<0.5	6.7	46	<5	2	630	<5	3.2	86	24	1	160
400	675E	5	<1	6	<1	<0.5	10.6	9	<5	3	240	<5	<0.5	15	18	0.2	<10
400	700E	68	7	19	<1	<0.5	4.3	19	<5	4	600	<5	3.4	44	34	1.1	80
400	725E	10	<1	5	<1	<0.5	3.7	5	<5	3	690	<5	<0.5	13	20	0.1	<10
400	750E	9	<1	14	<1	<0.5	3.2	12	<5	5	500	<5	<0.5	29	133	0.1	10
400	775E	18	2	5	<1	<0.5	0.9	3	<5	2	3120	15	<0.5	8	57	0.2	20
400	800E	28	1	11	<1	<0.5	3.7	10	<5	4	570	<5	0.6	26	111	0.2	30
400	825E	44	6	19	<1	<0.5	1.2	12	<5	2	640	<5	1.1	27	174	0.9	130
400	850E	73	2	9	<1	<0.5	1	4	<5	4	1560	<5	<0.5	12	113	0.1	20
400	875E	13	<1	5	<1	<0.5	0.8	2	<5	19	1850	12	<0.5	7	85	0.1	<10
400	900E	99	6	42	<1	<0.5	3.8	17	<5	9	840	<5	<0.5	55	78	1.6	70
400	925E	71	4	58	<1	<0.5	8.8	42	<5	27	1600	<5	0.8	114	88	1.8	50
400	950E	56	7	39	<1	<0.5	5.8	36	<5	6	510	<5	2.3	85	51	1.6	60
400	975E	50	5	37	<1	<0.5	5.2	32	<5	14	750	<5	2.1	74	59	1.2	50
500	0E	127	3	63	<1	<0.5	10.2	20	<5	25	570	11	0.6	72	178	1.1	220
500	25E	30	3	87	<1	<0.5	1.8	51	<5	14	1650	<5	<0.5	133	170	0.8	170
500	50E	91	4	41	<1	<0.5	1.8	43	<5	5	1480	16	0.7	84	79	3.7	40
500	75E	152	7	35	<1	<0.5	7.8	32	<5	15	2880	25	0.7	75	100	1.2	170
500	100E	128	1	35	<1	<0.5	4.2	28	<5	63	4900	9	<0.5	60	445	0.3	100
500	125E	14	<1	42	<1	<0.5	2.2	18	<5	99	1160	24	<0.5	60	256	<0.1	30
500	150E	175	<1	2	<1	<0.5	14.2	3	<5	46	5730	15	<0.5	5	162	0.3	10
500	175E	49	2	22	<1	<0.5	12.8	21	<5	36	320	<5	<0.5	46	105	0.8	140
500	200E	89	7	20	<1	<0.5	14.3	28	<5	23	1000	8	1.6	51	89	1.9	170
500	225E	167	7	2	<1	<0.5	16.6	6	<5	3	360	9	2.9	5	81	5.4	100
500	250E	80	6	7	<1	<0.5	16	14	<5	1	630	7	1.5	21	57	3	360
500	275E	84	9	12	<1	<0.5	19.8	21	<5	3	720	5	1.8	35	80	3.3	420

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Line	Station	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W
		1	1	1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1	1
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
400	225E	<1	7	<1	137	<1	42	10	<1	50	<1	2	<10	4.1	1130	<0.5	5	<1
400	250E	<1	2	<1	86	55	30	4	<1	70	<1	<1	<10	3.4	1110	<0.5	3	<1
400	275E	<1	7	<1	12	<1	22	10	<1	680	<1	2	<10	<0.5	92	<0.5	1	<1
400	300E	<1	9	<1	95	1	38	11	<1	200	<1	2	<10	3.6	1720	<0.5	3	<1
400	325E	<1	4	<1	91	<1	29	5	<1	110	<1	1	<10	3.6	1680	<0.5	2	1
400	350E	<1	4	<1	74	<1	35	5	<1	180	<1	1	<10	2.8	2430	<0.5	3	1
400	375E	<1	6	<1	72	<1	38	9	<1	170	<1	2	<10	3.2	1740	<0.5	2	<1
400	400E	<1	1	<1	39	<1	6	3	<1	1620	<1	<1	<10	0.7	<3	<0.5	1	<1
400	425E	<1	8	<1	115	<1	47	13	<1	100	<1	3	<10	3.7	1410	<0.5	4	<1
400	450E	<1	4	<1	68	<1	28	8	<1	720	<1	2	<10	1.8	290	<0.5	2	<1
400	475E	<1	11	<1	48	<1	40	18	<1	1100	<1	4	<10	1	<3	<0.5	7	<1
400	500E	<1	3	<1	48	<1	25	4	<1	230	<1	1	<10	1.6	828	<0.5	1	<1
400	525E	<1	5	<1	68	<1	44	9	<1	190	<1	2	<10	2.6	1930	<0.5	4	1
400	550E	<1	13	<1	102	<1	59	19	<1	210	<1	4	<10	6.6	3060	<0.5	5	<1
400	575E	<1	3	<1	67	<1	34	4	<1	40	<1	1	<10	3.1	874	<0.5	3	<1
400	600E	<1	7	<1	94	<1	39	11	<1	40	<1	2	<10	5.9	1850	<0.5	4	<1
400	625E	<1	24	<1	68	<1	69	32	<1	130	<1	7	<10	5.8	2330	<0.5	5	<1
400	650E	<1	17	<1	99	<1	93	24	<1	70	<1	6	<10	4.9	1830	<0.5	6	<1
400	675E	<1	3	<1	95	<1	17	5	<1	230	<1	<1	<10	1.7	49	<0.5	2	<1
400	700E	<1	8	<1	54	<1	53	14	<1	150	<1	4	<10	5	1900	<0.5	5	<1
400	725E	2	2	<1	56	<1	11	4	<1	460	<1	<1	<10	1.2	<3	<0.5	3	<1
400	750E	<1	5	<1	19	<1	35	9	<1	420	<1	3	<10	0.6	<3	<0.5	9	<1
400	775E	<1	1	<1	<5	2	13	3	<1	160	<1	<1	<10	0.7	<3	<0.5	<1	<1
400	800E	<1	5	<1	40	<1	35	8	<1	360	<1	2	<10	2.2	165	<0.5	6	<1
400	825E	<1	5	<1	<5	1	84	10	<1	170	<1	5	<10	4.4	158	<0.5	11	<1
400	850E	<1	2	<1	<5	2	25	5	<1	360	<1	2	<10	0.9	9	<0.5	2	<1
400	875E	<1	1	<1	<5	1	8	3	<1	670	<1	<1	<10	<0.5	<3	<0.5	<1	<1
400	900E	<1	9	<1	10	<1	95	22	<1	450	<1	10	<10	2.5	136	<0.5	6	<1
400	925E	<1	19	<1	90	<1	123	39	<1	660	<1	10	<10	4.2	519	<0.5	8	<1
400	950E	<1	16	<1	71	<1	83	28	<1	160	<1	7	<10	4.8	1340	<0.5	5	<1
400	975E	<1	13	<1	61	<1	93	25	<1	350	<1	6	<10	5.3	1520	<0.5	6	<1
500	0E	<1	12	<1	37	1	140	30	<1	860	<1	20	<10	7.3	96	2.1	40	<1
500	25E	<1	23	<1	<5	<1	89	49	<1	720	<1	18	<10	5.1	72	<0.5	86	<1
500	50E	<1	16	<1	8	2	54	28	<1	190	<1	7	<10	5.9	116	<0.5	3	<1
500	75E	<1	14	<1	19	1	42	24	<1	460	<1	7	<10	3.4	251	<0.5	8	<1
500	100E	<1	11	<1	62	<1	126	20	<1	1970	<1	7	<10	5.5	56	<0.5	31	<1
500	125E	<1	9	<1	11	<1	34	23	<1	3670	<1	6	<10	5.9	39	<0.5	20	<1
500	150E	<1	1	<1	46	<1	25	2	<1	1480	<1	<1	<10	1.2	32	<0.5	8	<1
500	175E	<1	8	<1	54	<1	35	15	<1	1000	<1	4	<10	3	102	<0.5	5	<1
500	200E	<1	10	<1	61	<1	32	15	<1	690	<1	3	<10	3.5	791	<0.5	5	<1
500	225E	<1	1	<1	84	<1	22	2	<1	120	<1	<1	<10	3.8	1090	<0.5	3	<1
500	250E	<1	4	<1	98	<1	30	6	<1	40	<1	1	<10	4.9	802	<0.5	3	<1
500	275E	<1	7	<1	86	<1	37	9	<1	80	<1	2	<10	3.1	904	<0.5	3	<1

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Line	Station	Y	Yb	Zn	Zr
		5	1	20	5
		ppb	ppb	ppb	ppb
400	225E	57	4	230	42
400	250E	32	2	430	35
400	275E	93	5	500	<5
400	300E	84	5	530	28
400	325E	37	3	940	29
400	350E	45	3	630	27
400	375E	73	5	380	29
400	400E	23	1	120	<5
400	425E	97	6	300	49
400	450E	66	4	200	14
400	475E	191	9	50	5
400	500E	44	3	540	14
400	525E	88	6	80	28
400	550E	116	8	180	93
400	575E	34	3	190	39
400	600E	73	5	160	72
400	625E	219	12	70	77
400	650E	192	12	70	75
400	675E	25	1	30	7
400	700E	121	8	160	67
400	725E	21	2	40	9
400	750E	148	8	40	<5
400	775E	50	4	<20	5
400	800E	59	5	130	21
400	825E	318	24	<20	38
400	850E	89	8	<20	14
400	875E	45	4	<20	<5
400	900E	598	55	<20	19
400	925E	387	24	640	38
400	950E	217	14	250	67
400	975E	236	15	100	73
500	0E	1270	123	180	26
500	25E	804	53	<20	22
500	50E	235	18	<20	22
500	75E	218	19	150	13
500	100E	310	28	570	34
500	125E	197	19	240	9
500	150E	19	3	320	6
500	175E	139	8	990	11
500	200E	109	7	500	21
500	225E	8	<1	660	26
500	250E	32	2	370	33
500	275E	59	4	410	25

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Line	Station	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
		1	1	10	0.1	10	1	10	1	5	5	100	0.5	10	1	0.5	0.5
		ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
500	300E	45	76	<10	<0.1	1430	<1	480	69	9	5	<100	<0.5	1100	7	4.4	1.6
500	325E	22	273	<10	0.2	690	<1	10	32	52	54	<100	3.8	980	13	6.1	2.7
500	350E	13	203	<10	0.1	410	<1	20	12	25	22	<100	3.9	970	9	4.4	1.6
500	375E	42	196	<10	0.3	780	<1	30	27	61	33	<100	3.7	750	21	10.6	4.4
500	400E	21	274	20	0.3	3860	<1	60	14	111	52	<100	3.3	1150	30	13.4	7.8
500	425E	82	84	<10	0.6	4460	<1	420	10	14	12	<100	3.3	1880	4	1.9	1.8
500	450E	48	249	<10	0.1	2480	<1	90	28	25	107	<100	2	840	8	4	1.8
500	475E	14	164	<10	0.4	320	<1	<10	11	12	55	<100	3.2	1780	4	2.4	0.7
500	500E	19	196	<10	0.2	600	<1	40	13	28	34	<100	2.9	500	12	5.2	2.4
500	525E	29	215	<10	0.6	590	<1	10	17	40	171	<100	2.7	2140	11	5	2.3
500	550E	4	159	10	0.8	1790	<1	20	3	13	66	<100	2.8	2830	2	1.6	0.6
500	575E	40	104	<10	0.4	4230	<1	420	9	37	52	<100	2.2	3890	10	4.6	2.7
500	600E	9	190	10	0.4	1490	<1	20	12	81	38	<100	3.4	530	32	16.7	8.3
500	625E	12	220	<10	0.2	1620	<1	60	14	70	25	<100	4	470	29	14	6.6
500	650E	19	130	<10	0.5	2600	<1	240	17	77	22	<100	2.8	1820	216	113	48.2
500	675E	21	135	<10	0.3	4150	<1	300	18	48	21	<100	3.4	1340	20	10.8	4.7
500	700E	9	227	<10	0.1	1620	<1	40	20	18	50	<100	4.2	530	9	4.6	1.5
500	725E	46	110	<10	0.2	470	<1	260	61	32	5	<100	2.2	4350	21	14.3	3.7
500	750E	1	17	<10	<0.1	150	<1	240	6	<5	<5	<100	<0.5	290	1	0.9	<0.5
500	775E	7	34	<10	<0.1	130	<1	220	18	<5	9	<100	<0.5	3770	5	4.3	1.1
500	800E	24	98	<10	0.2	790	<1	150	36	49	59	<100	1.7	6750	69	44.4	10.6
500	825E	12	62	<10	<0.1	1060	<1	440	12	13	99	<100	1	2890	5	3.4	1.7
500	850E	49	117	<10	0.2	3210	<1	470	25	16	10	<100	4.2	1110	12	6.2	3.4
500	875E	9	107	<10	0.5	4780	<1	500	5	25	10	<100	1.6	1790	7	3.6	2.3
500	900E	19	159	<10	0.2	1140	<1	210	16	30	22	<100	2.5	1450	18	8.8	3.6
500	925E	6	43	<10	<0.1	250	<1	380	16	<5	15	<100	<0.5	1470	4	2.6	0.9
500	950E	16	79	10	0.5	2110	<1	360	41	150	71	<100	1.5	29300	19	11.1	7.9
500	975E	15	106	<10	0.3	3800	<1	220	38	49	46	<100	3.1	4500	77	46.7	9.7
600	0E	19	162	10	0.2	4930	<1	110	26	143	657	<100	5.4	2960	31	16.8	7.2
600	25E	13	100	<10	0.5	4000	<1	240	56	64	187	<100	2.2	4170	19	11.5	4.3
600	50E	39	22	<10	1.6	6180	<1	610	33	28	176	<100	<0.5	11300	18	11.5	3.4
600	75E	11	112	<10	0.2	2560	<1	210	36	41	169	<100	2.5	2790	15	7.7	3.5
600	100E	19	114	<10	0.4	3090	<1	250	12	39	280	<100	2.3	2930	10	5.8	2.6
600	125E	35	101	<10	0.5	3510	<1	410	20	28	134	<100	1.9	2590	8	4.4	2.4
600	150E	56	91	<10	0.2	4770	<1	610	59	10	11	<100	0.6	1610	11	5.6	3.1
600	175E	34	103	<10	0.5	2740	<1	340	21	36	146	<100	2.9	4290	12	6.6	3.6
600	200E	7	61	<10	0.2	3490	<1	430	26	20	256	<100	0.6	5620	6	2.8	1.7
600	225E	22	79	<10	0.5	3940	<1	400	25	24	102	<100	1.7	5410	10	5.1	3
600	250E	31	81	<10	0.8	4460	<1	440	17	6	10	<100	1.7	1040	3	1.6	1.3
600	275E	16	70	<10	0.5	2720	<1	490	17	<5	22	<100	1.1	740	1	<0.5	<0.5
600	300E	77	69	<10	0.7	5170	<1	380	127	39	123	<100	2.6	18800	15	10	3.2
600	325E	13	159	<10	0.3	3160	<1	160	19	57	16	<100	2.2	650	13	6.1	3.6
600	350E	37	237	10	0.5	1130	<1	20	21	69	25	<100	3.3	480	21	10.4	5.1

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Line	Station	Fe	Ga	Gd	Hg	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
		1	1	1	1	0.5	0.1	1	5	1	10	5	0.5	1	5	0.1	10
		ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
500	300E	10	<1	7	<1	<0.5	7.9	5	<5	24	3930	7	<0.5	11	234	<0.1	20
500	325E	55	5	11	<1	<0.5	6.5	18	<5	3	260	<5	1.7	35	85	1.2	250
500	350E	57	7	7	<1	<0.5	9	9	<5	2	2580	<5	2.6	17	46	2.7	180
500	375E	73	7	18	<1	<0.5	26.5	23	<5	6	1100	<5	2	47	47	0.8	160
500	400E	98	7	29	<1	<0.5	5.4	42	<5	14	700	6	2.5	84	109	1.4	200
500	425E	12	<1	6	<1	<0.5	6.7	8	<5	13	100	<5	<0.5	16	54	0.1	<10
500	450E	68	6	7	<1	<0.5	19.2	11	<5	13	950	<5	2.4	16	103	2.4	120
500	475E	131	4	3	<1	<0.5	12.2	5	<5	2	3130	<5	1.2	6	35	2	50
500	500E	37	4	10	<1	<0.5	9	11	<5	4	2400	<5	0.6	20	41	1.1	60
500	525E	47	8	9	<1	<0.5	10	14	<5	3	2210	<5	1.6	25	57	1.3	90
500	550E	356	8	2	<1	<0.5	9.2	6	<5	5	760	<5	4.6	5	49	2	10
500	575E	13	<1	11	<1	<0.5	7.6	15	<5	10	2090	<5	<0.5	26	26	0.1	20
500	600E	50	8	33	<1	<0.5	7	33	<5	2	860	<5	1.9	83	40	1	90
500	625E	40	5	27	<1	<0.5	9.5	30	<5	5	650	<5	1.6	63	43	1	70
500	650E	27	3	208	<1	<0.5	4.9	169	<5	21	740	<5	<0.5	407	57	0.4	20
500	675E	30	2	19	<1	<0.5	5.2	21	<5	20	410	<5	1	38	42	0.4	30
500	700E	74	6	6	<1	<0.5	20.9	7	<5	11	4410	<5	1.5	12	70	2	120
500	725E	10	<1	16	<1	<0.5	2.4	12	<5	5	4150	6	<0.5	26	432	0.5	10
500	750E	87	<1	1	<1	<0.5	2.1	<1	<5	8	2150	29	<0.5	1	27	0.1	10
500	775E	143	1	4	<1	<0.5	1.5	3	<5	7	1460	31	<0.5	8	83	0.1	10
500	800E	76	2	48	<1	<0.5	6.1	40	<5	8	3840	6	0.6	83	98	0.3	80
500	825E	41	<1	6	<1	<0.5	6.9	9	<5	21	13100	6	<0.5	19	98	0.1	<10
500	850E	17	<1	14	<1	<0.5	8.5	18	<5	16	420	<5	<0.5	32	68	0.2	20
500	875E	16	<1	9	<1	<0.5	5.2	10	<5	11	220	<5	<0.5	20	57	<0.1	20
500	900E	44	2	15	<1	<0.5	3	16	<5	15	960	<5	<0.5	31	102	0.4	50
500	925E	8	<1	4	<1	<0.5	2.5	2	<5	12	4400	<5	<0.5	5	53	<0.1	20
500	950E	27	1	21	<1	<0.5	2.2	23	<5	9	8920	31	<0.5	55	95	0.2	60
500	975E	56	1	43	<1	<0.5	7.3	22	<5	29	2420	<5	<0.5	69	195	0.2	70
600	0E	181	6	30	<1	<0.5	19.8	52	<5	18	55300	<5	2.3	83	170	3.4	30
600	25E	117	2	17	<1	<0.5	26.9	22	<5	29	44400	12	0.7	44	298	0.5	50
600	50E	9	<1	17	7	<0.5	7.4	3	8	102	12400	34	<0.5	13	335	0.1	30
600	75E	142	3	14	<1	<0.5	5.8	21	<5	24	22100	18	1.1	36	151	1.4	50
600	100E	167	3	10	<1	<0.5	11.5	15	<5	31	24300	10	1.4	27	111	1.5	40
600	125E	23	<1	10	<1	<0.5	9.8	13	<5	33	11200	11	<0.5	28	101	0.3	50
600	150E	10	<1	13	<1	<0.5	12.2	12	<5	60	790	<5	<0.5	26	149	0.2	40
600	175E	40	<1	14	<1	<0.5	5.8	19	<5	24	13100	18	<0.5	38	108	0.2	30
600	200E	69	<1	6	<1	<0.5	9.6	9	<5	41	22600	23	0.7	18	118	0.2	30
600	225E	36	<1	11	<1	<0.5	9.3	16	<5	31	7630	16	<0.5	31	113	0.1	40
600	250E	12	<1	4	<1	<0.5	11.9	5	<5	31	220	8	<0.5	11	45	0.3	20
600	275E	18	<1	1	<1	<0.5	7.9	2	<5	33	270	10	<0.5	3	50	0.2	20
600	300E	28	<1	12	<1	<0.5	10.2	17	<5	28	12000	8	<0.5	29	178	<0.1	50
600	325E	51	4	14	<1	<0.5	5.6	26	<5	12	190	11	1.4	40	37	0.7	110
600	350E	65	8	20	<1	<0.5	7.7	28	<5	3	440	6	3.5	57	55	1.5	120

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Line	Station	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W
		1	1	1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1	1
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
500	300E	<1	2	<1	6	<1	5	5	<1	1160	<1	1	<10	<0.5	3	<0.5	4	<1
500	325E	<1	7	<1	64	2	30	10	<1	100	<1	2	<10	3.7	882	<0.5	3	<1
500	350E	<1	3	<1	60	<1	39	5	<1	80	<1	1	<10	2	869	<0.5	2	<1
500	375E	<1	9	<1	86	<1	51	13	<1	140	<1	3	<10	3.7	1280	<0.5	5	<1
500	400E	<1	16	<1	65	<1	51	23	<1	360	<1	5	<10	6.1	1740	<0.5	5	<1
500	425E	<1	3	<1	46	<1	8	5	<1	790	<1	<1	<10	1.1	22	<0.5	2	<1
500	450E	<1	3	<1	118	<1	26	5	<1	400	<1	1	<10	3.7	1020	<0.5	3	<1
500	475E	<1	2	<1	67	<1	32	2	<1	40	<1	<1	<10	3.2	807	<0.5	4	<1
500	500E	<1	4	<1	90	<1	37	7	<1	100	<1	2	<10	2.7	553	<0.5	3	<1
500	525E	<1	5	<1	65	<1	36	7	<1	50	<1	2	<10	2.4	970	<0.5	3	<1
500	550E	<1	1	<1	78	<1	27	2	<1	200	<1	<1	<10	3.3	2890	<0.5	3	<1
500	575E	<1	5	<1	76	<1	22	8	<1	670	<1	2	<10	1.6	25	<0.5	2	<1
500	600E	<1	14	<1	85	<1	82	26	<1	50	<1	5	<10	4.4	1920	<0.5	5	<1
500	625E	<1	12	<1	81	<1	53	20	<1	160	<1	5	<10	4.4	1080	<0.5	4	<1
500	650E	<1	69	<1	52	<1	266	133	<1	740	<1	33	<10	2.6	177	<0.5	14	<1
500	675E	<1	7	<1	60	<1	67	12	<1	910	<1	3	<10	3.4	198	<0.5	4	<1
500	700E	<1	3	<1	118	<1	38	4	<1	150	<1	1	<10	3.6	1370	<0.5	4	<1
500	725E	<1	5	<1	18	<1	57	10	<1	370	<1	3	<10	0.7	33	<0.5	13	<1
500	750E	<1	<1	<1	6	<1	5	<1	<1	330	<1	<1	<10	<0.5	5	<0.5	<1	<1
500	775E	<1	1	<1	<5	1	23	3	<1	370	<1	<1	<10	<0.5	10	<0.5	2	<1
500	800E	<1	15	<1	21	5	102	30	<1	300	<1	9	<10	2.7	106	0.6	14	<1
500	825E	<1	4	<1	39	<1	19	5	<1	1130	<1	<1	<10	<0.5	11	<0.5	3	<1
500	850E	<1	6	<1	70	<1	22	9	<1	1420	<1	2	<10	0.8	8	<0.5	2	<1
500	875E	<1	4	<1	45	<1	15	6	<1	1060	<1	1	<10	1.4	5	<0.5	3	<1
500	900E	<1	6	<1	37	<1	32	10	<1	600	<1	3	<10	2.1	180	<0.5	4	<1
500	925E	<1	<1	<1	<5	3	<5	2	<1	550	<1	<1	<10	<0.5	<3	<0.5	1	<1
500	950E	<1	10	<1	42	2	42	17	<1	960	<1	3	<10	2.1	24	<0.5	36	4
500	975E	<1	11	<1	50	<1	122	24	<1	780	<1	10	<10	3.6	15	<0.5	10	<1
600	0E	<1	17	<1	84	<1	73	23	<1	600	<1	5	<10	11.2	1130	1.1	8	<1
600	25E	<1	9	<1	70	2	69	13	<1	980	<1	3	<10	4.7	66	0.9	12	<1
600	50E	1	2	<1	11	<1	23	6	<1	3420	<1	3	<10	1.8	22	<0.5	6	<1
600	75E	<1	7	<1	52	2	34	10	<1	820	<1	2	<10	1.8	238	<0.5	8	<1
600	100E	<1	5	<1	63	1	40	8	<1	920	<1	2	<10	4.2	475	<0.5	6	<1
600	125E	<1	5	<1	59	<1	16	7	<1	1220	<1	1	<10	2.7	20	<0.5	4	<1
600	150E	<1	5	<1	29	<1	11	9	<1	2480	<1	2	<10	1.2	<3	<0.5	6	<1
600	175E	<1	7	<1	80	<1	31	11	<1	940	<1	2	<10	2.5	36	<0.5	7	<1
600	200E	<1	4	<1	43	<1	22	5	<1	1790	<1	<1	<10	1.3	26	<0.5	6	<1
600	225E	<1	6	<1	51	<1	24	8	<1	1250	<1	2	<10	1.8	9	<0.5	6	<1
600	250E	<1	2	<1	59	<1	7	3	<1	1270	<1	<1	<10	2	8	<0.5	1	<1
600	275E	<1	<1	<1	33	<1	<5	<1	<1	1460	<1	<1	<10	1.1	9	<0.5	<1	<1
600	300E	<1	6	<1	57	<1	57	9	<1	1240	<1	2	<10	1.3	4	<0.5	12	<1
600	325E	<1	8	<1	77	<1	34	11	<1	390	<1	2	<10	3.2	741	<0.5	4	<1
600	350E	<1	11	<1	66	<1	64	16	<1	100	<1	3	<10	3.5	2140	<0.5	4	<1

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Line	Station	Y	Yb	Zn	Zr
		5	1	20	5
		ppb	ppb	ppb	ppb
500	300E	52	3	60	<5
500	325E	57	4	120	26
500	350E	41	3	290	23
500	375E	107	7	170	31
500	400E	141	9	540	45
500	425E	21	1	<20	<5
500	450E	38	3	390	29
500	475E	17	2	50	27
500	500E	48	3	160	24
500	525E	50	4	200	22
500	550E	10	1	90	38
500	575E	47	3	120	10
500	600E	158	12	140	61
500	625E	140	9	100	49
500	650E	1420	72	180	22
500	675E	106	8	240	41
500	700E	39	3	620	41
500	725E	136	11	<20	14
500	750E	8	<1	<20	<5
500	775E	40	4	<20	6
500	800E	405	32	70	17
500	825E	34	3	20	<5
500	850E	73	4	40	<5
500	875E	34	2	<20	10
500	900E	92	6	30	17
500	925E	26	2	<20	<5
500	950E	106	10	<20	17
500	975E	484	33	130	11
600	0E	159	12	370	69
600	25E	108	10	520	18
600	50E	109	9	460	<5
600	75E	84	5	140	10
600	100E	55	4	170	37
600	125E	48	3	100	10
600	150E	68	3	140	<5
600	175E	73	5	80	14
600	200E	33	2	140	6
600	225E	61	4	100	8
600	250E	18	1	160	6
600	275E	5	<1	130	<5
600	300E	110	8	310	8
600	325E	67	4	180	25
600	350E	109	7	240	49

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Line	Station	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
		1	1	10	0.1	10	1	10	1	5	5	100	0.5	10	1	0.5	0.5
		ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
600	375E	30	205	<10	0.3	1340	<1	70	28	19	21	<100	5.5	620	7	3.2	1.4
600	400E	81	98	<10	1.2	4480	<1	330	17	<5	23	<100	4.2	4670	15	7.3	5.2
600	425E	15	231	<10	0.1	1420	<1	40	23	24	164	<100	1.4	780	19	10.2	3
600	450E	29	242	10	0.3	2020	<1	60	9	77	53	<100	2.4	1470	28	13.5	6.3
600	475E	16	299	<10	0.1	600	<1	10	10	10	34	<100	3.8	710	7	3.6	0.9
600	500E	23	243	<10	0.2	750	<1	<10	16	12	19	<100	7.4	1040	9	4.9	1.2
600	525E	146	191	10	0.4	1060	<1	50	16	34	50	<100	4.3	2470	25	13.8	3.9
600	550E	71	71	<10	0.4	270	<1	410	18	<5	31	<100	4.1	25200	7	5.8	1.3
600	575E	<1	24	<10	<0.1	220	<1	200	5	7	21	<100	<0.5	100	3	2	0.7
600	600E	<1	21	<10	<0.1	680	<1	270	11	<5	46	<100	<0.5	70	2	1.5	<0.5
600	625E	<1	14	<10	<0.1	750	<1	330	11	<5	29	<100	<0.5	60	2	1.5	<0.5
600	650E	<1	42	<10	<0.1	540	<1	240	6	10	50	<100	<0.5	110	5	3.8	1.2
600	675E	<1	38	<10	<0.1	790	<1	130	2	<5	53	<100	<0.5	390	<1	<0.5	<0.5
600	700E	<1	4	<10	<0.1	250	<1	250	10	<5	11	<100	<0.5	1260	<1	<0.5	<0.5
600	725E	4	167	<10	0.5	590	<1	60	10	72	29	<100	3.1	610	22	11	5.3
600	750E	17	153	<10	0.3	910	<1	20	14	51	30	<100	3.1	940	29	16.5	5.9
600	775E	24	126	10	0.6	4190	<1	240	13	131	111	<100	5	2260	47	23.7	13.2
600	800E	15	208	<10	0.4	1160	<1	10	17	91	68	<100	3.3	440	31	17.1	7.4
600	825E	22	149	<10	0.4	2040	<1	220	13	102	37	<100	3.7	1460	64	32.1	13.2
600	850E	19	174	<10	0.4	3580	<1	160	12	107	27	<100	4	830	26	11.3	6.8
600	875E	16	101	<10	0.5	4180	<1	290	17	61	101	<100	3.1	3240	43	23.9	8.9
600	900E	9	238	30	0.5	1750	<1	40	12	108	50	100	5.2	800	36	18.4	8.9
600	925E	23	128	<10	0.7	5450	<1	240	24	36	181	<100	4.7	3070	37	24.8	6.2
600	950E	21	109	10	0.3	420	<1	<10	17	11	19	<100	3.4	430	10	6.8	1.6
600	975E	13	90	<10	0.3	1220	<1	300	47	20	84	<100	1.4	3720	20	13.5	3.2
700	0E	43	65	<10	0.1	3840	<1	680	58	5	8	<100	0.8	1400	16	9.7	3.4
700	25E	48	48	<10	0.2	2980	<1	600	45	5	6	<100	0.5	1010	10	5.5	2.6
700	50E	52	82	<10	0.3	6420	<1	560	61	40	16	<100	3.4	2840	51	30.2	9.8
700	75E	41	231	20	0.2	1260	<1	20	28	100	22	<100	3.2	510	27	12.8	6.7
700	100E	30	215	<10	0.1	2440	<1	90	27	21	88	<100	2.4	460	12	6	2.3
700	125E	68	59	<10	0.2	3290	<1	670	53	13	7	<100	1.6	1190	17	11.2	3.8
700	150E	95	228	20	0.2	2220	<1	20	40	95	34	<100	3.4	720	31	14.4	7.4
700	175E	22	189	20	0.7	3540	<1	140	18	188	100	<100	5	1220	25	11.3	7.4
700	200E	45	93	<10	0.4	2160	<1	390	29	12	5	<100	3.3	1050	6	2.9	1.8
700	225E	41	123	<10	0.5	5110	<1	320	32	36	18	<100	2.3	1240	17	8.7	5.3
700	250E	41	138	10	0.7	2420	<1	200	29	99	68	<100	3.3	1380	19	8.9	6.3
700	275E	38	123	<10	0.1	1180	<1	380	16	13	19	<100	1.6	380	6	3.2	1.6
700	300E	44	120	<10	0.4	3370	<1	380	21	41	29	<100	1.9	1050	18	9	4.8
700	325E	26	204	20	0.2	2070	<1	100	22	29	72	<100	3.1	750	13	7.2	2.7
700	350E	21	214	<10	0.3	970	<1	10	28	40	23	<100	3.9	440	11	5.4	2.5
700	375E	24	217	20	0.1	840	<1	10	33	21	32	100	3.4	270	8	3.9	1.9
700	400E	66	219	20	0.3	1230	<1	50	63	22	55	<100	3.8	870	11	6.4	2.1
700	425E	52	231	20	0.2	1410	<1	<10	29	29	50	<100	5.2	520	9	4.9	2.2

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Line	Station	Fe	Ga	Gd	Hg	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
		1	1	1	1	0.5	0.1	1	5	1	10	5	0.5	1	5	0.1	10
		ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
600	375E	75	4	6	<1	<0.5	15.8	9	<5	8	190	<5	1.2	13	56	1.3	80
600	400E	7	<1	22	<1	<0.5	8.7	24	<5	15	290	7	<0.5	54	28	0.1	20
600	425E	72	9	13	<1	<0.5	5.3	7	<5	19	740	<5	1.6	26	118	1	90
600	450E	72	7	25	<1	<0.5	4	30	<5	9	900	<5	2.9	61	55	1.7	90
600	475E	61	11	4	<1	<0.5	5.9	5	<5	6	400	<5	3.3	8	55	2	60
600	500E	43	5	5	<1	<0.5	8.4	5	<5	2	310	<5	2.8	11	50	0.8	90
600	525E	76	6	18	<1	<0.5	14.9	13	<5	6	1490	<5	2.5	35	71	1	100
600	550E	5	<1	6	<1	<0.5	6.5	5	<5	9	8670	32	<0.5	11	193	0.2	<10
600	575E	33	4	3	<1	<0.5	0.7	3	<5	9	260	5	<0.5	7	15	0.6	50
600	600E	84	2	1	<1	<0.5	0.2	<1	<5	13	1710	<5	<0.5	2	13	0.2	40
600	625E	34	1	2	<1	<0.5	0.8	<1	<5	15	4510	<5	<0.5	2	11	0.1	40
600	650E	92	2	5	<1	<0.5	3	3	<5	12	5330	6	0.7	10	29	0.2	20
600	675E	208	<1	<1	<1	<0.5	3.5	<1	<5	7	4140	5	<0.5	<1	60	0.1	<10
600	700E	14	<1	<1	<1	<0.5	17.8	<1	<5	10	2590	10	<0.5	<1	14	0.3	20
600	725E	70	6	21	<1	<0.5	1.9	24	<5	2	1350	7	2.2	55	47	0.9	110
600	750E	65	5	26	<1	<0.5	13.6	22	<5	3	550	6	1.9	53	35	1	210
600	775E	37	4	55	<1	<0.5	6.9	68	<5	28	13400	<5	1.1	140	47	1	40
600	800E	44	6	31	<1	<0.5	7.7	37	<5	2	490	<5	1.8	89	79	1	260
600	825E	45	4	60	<1	<0.5	6.2	57	<5	17	680	<5	0.9	116	84	0.6	70
600	850E	27	3	28	<1	<0.5	4.7	50	<5	8	520	<5	0.7	74	41	0.7	120
600	875E	80	1	38	<1	<0.5	7.7	32	<5	50	5770	<5	<0.5	75	156	0.4	50
600	900E	142	15	36	<1	<0.5	5.3	43	<5	5	1380	11	5.9	98	68	3.2	100
600	925E	86	2	27	<1	<0.5	10.1	23	<5	43	17500	<5	<0.5	47	86	0.5	40
600	950E	72	9	7	<1	<0.5	21.1	5	<5	2	800	9	2.7	11	53	1	110
600	975E	131	1	15	<1	<0.5	8.6	10	<5	46	12100	7	<0.5	26	202	0.4	20
700	0E	6	<1	15	<1	<0.5	10.7	10	<5	39	2120	<5	<0.5	23	155	<0.1	50
700	25E	5	<1	10	<1	<0.5	9	7	<5	30	2280	<5	<0.5	18	102	<0.1	30
700	50E	15	<1	43	<1	<0.5	8.4	36	<5	32	1200	<5	<0.5	75	137	<0.1	80
700	75E	84	11	25	<1	<0.5	8.3	36	<5	2	450	<5	4.6	72	34	2.2	160
700	100E	80	11	8	<1	<0.5	11	9	<5	15	330	<5	3	21	90	1.4	130
700	125E	7	<1	16	<1	<0.5	11	12	<5	43	1820	<5	<0.5	27	117	<0.1	40
700	150E	95	14	28	<1	<0.5	11.9	42	<5	8	670	14	4.4	81	58	1.8	200
700	175E	62	8	27	<1	<0.5	19.2	63	<5	16	3470	9	2.2	86	76	2.5	320
700	200E	15	<1	6	<1	<0.5	22.1	7	<5	17	270	<5	<0.5	16	116	0.3	40
700	225E	17	2	20	<1	<0.5	22	27	<5	34	930	6	<0.5	53	87	0.4	160
700	250E	45	6	23	<1	<0.5	10.8	50	<5	12	2400	25	1.3	79	55	1.3	110
700	275E	27	2	6	<1	<0.5	6	7	<5	43	240	<5	<0.5	15	57	0.4	60
700	300E	22	1	19	<1	<0.5	10.2	25	<5	35	430	<5	<0.5	44	74	0.5	80
700	325E	97	9	10	<1	<0.5	13.9	14	<5	14	850	5	2.7	26	113	1.6	310
700	350E	50	5	9	<1	<0.5	25.1	17	<5	3	530	<5	1.6	31	58	1.2	160
700	375E	120	14	6	<1	<0.5	16.9	10	<5	2	1120	12	3.4	17	80	4.8	140
700	400E	100	9	8	<1	<0.5	16.3	9	<5	12	490	<5	4	19	133	1.9	110
700	425E	82	10	8	<1	<0.5	9.3	12	<5	2	620	<5	3.7	22	74	2.8	250

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Line	Station	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W
		1	1	1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1	1
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
600	375E	<1	3	<1	89	<1	33	4	<1	210	<1	1	<10	4.1	749	<0.5	3	<1
600	400E	<1	9	<1	86	<1	25	15	<1	880	<1	3	<10	1.8	21	<0.5	3	<1
600	425E	<1	4	<1	47	<1	31	8	<1	490	<1	3	<10	1.8	1190	<0.5	3	<1
600	450E	<1	12	<1	37	<1	56	19	<1	340	<1	4	<10	6	1970	<0.5	7	<1
600	475E	<1	1	<1	41	<1	20	3	<1	140	<1	<1	<10	1.2	913	<0.5	2	<1
600	500E	<1	2	<1	73	<1	31	4	<1	70	<1	1	<10	2.6	886	<0.5	4	<1
600	525E	<1	6	<1	83	<1	48	12	<1	230	<1	3	<10	3	1080	<0.5	4	<1
600	550E	2	2	<1	17	<1	14	3	<1	640	<1	1	<10	<0.5	5	<0.5	26	<1
600	575E	<1	1	<1	<5	<1	6	2	<1	360	<1	<1	<10	1.1	24	<0.5	<1	<1
600	600E	<1	<1	<1	<5	<1	<5	<1	<1	620	<1	<1	<10	<0.5	7	<0.5	<1	<1
600	625E	<1	<1	<1	<5	<1	<5	<1	<1	680	<1	<1	<10	<0.5	<3	<0.5	<1	<1
600	650E	<1	2	<1	<5	<1	10	3	<1	510	<1	<1	<10	0.7	32	<0.5	<1	<1
600	675E	<1	<1	<1	<5	<1	10	<1	<1	390	<1	<1	<10	<0.5	42	<0.5	<1	<1
600	700E	<1	<1	<1	25	<1	<5	<1	<1	510	<1	<1	<10	<0.5	4	<0.5	<1	<1
600	725E	<1	10	<1	74	<1	57	17	<1	130	<1	4	<10	6.1	1020	<0.5	6	<1
600	750E	<1	9	<1	117	<1	49	18	<1	100	<1	4	<10	4.4	1320	<0.5	6	<1
600	775E	<1	26	<1	91	<1	108	40	<1	830	<1	8	<10	6.4	758	<0.5	7	<1
600	800E	<1	16	<1	118	<1	81	25	<1	90	<1	5	<10	3.5	1310	<0.5	5	<1
600	825E	<1	22	<1	98	<1	74	37	<1	580	<1	10	<10	4.7	576	<0.5	6	<1
600	850E	<1	15	<1	101	<1	44	21	<1	430	<1	4	<10	4.8	475	<0.5	4	<1
600	875E	<1	14	<1	72	<1	104	25	<1	1010	<1	7	<10	3.6	59	<0.5	8	<1
600	900E	<1	18	<1	85	1	91	28	<1	160	<1	6	<10	7.8	3370	<0.5	7	2
600	925E	<1	9	<1	71	<1	119	16	<1	1390	<1	5	<10	3.7	110	<0.5	7	<1
600	950E	<1	2	<1	91	<1	33	4	<1	40	<1	1	<10	2.1	1650	<0.5	4	<1
600	975E	<1	5	<1	55	<1	50	9	<1	880	<1	3	<10	1.1	60	<0.5	6	<1
700	0E	<1	4	<1	38	<1	15	8	<1	1820	<1	2	<10	<0.5	<3	<0.5	6	<1
700	25E	<1	3	<1	58	<1	6	6	<1	1500	<1	2	<10	<0.5	<3	<0.5	5	<1
700	50E	<1	14	<1	77	<1	58	26	<1	1670	<1	7	<10	1.4	<3	<0.5	12	<1
700	75E	<1	14	<1	96	<1	53	21	<1	70	<1	5	<10	5	2140	<0.5	5	<1
700	100E	<1	4	<1	51	<1	24	7	<1	500	<1	2	<10	2.6	1120	<0.5	3	<1
700	125E	<1	5	<1	45	<1	25	9	<1	2090	<1	3	<10	0.7	<3	<0.5	6	<1
700	150E	<1	15	<1	89	2	53	24	<1	170	<1	5	<10	4.5	2350	<0.5	5	1
700	175E	<1	18	<1	98	3	66	24	<1	540	<1	4	<10	10.1	1700	<0.5	7	2
700	200E	<1	3	<1	78	<1	10	5	<1	1020	<1	<1	<10	1.1	41	<0.5	2	<1
700	225E	<1	10	<1	71	<1	24	15	<1	1020	<1	3	<10	2.3	91	<0.5	5	<1
700	250E	<1	16	<1	68	<1	34	20	<1	430	<1	3	<10	3.8	728	<0.5	5	<1
700	275E	<1	3	<1	44	<1	12	4	<1	940	<1	<1	<10	0.9	93	<0.5	2	<1
700	300E	<1	8	<1	70	<1	24	14	<1	1290	<1	3	<10	1.4	27	<0.5	5	<1
700	325E	<1	5	<1	85	<1	34	8	<1	440	<1	2	<10	4	2270	<0.5	4	1
700	350E	<1	6	<1	106	<1	37	8	<1	60	<1	2	<10	2.5	795	<0.5	2	<1
700	375E	<1	3	<1	99	<1	44	5	<1	70	<1	1	<10	2.6	1680	<0.5	3	<1
700	400E	<1	3	<1	78	<1	48	6	<1	200	<1	2	<10	2.9	2720	<0.5	4	1
700	425E	<1	4	<1	116	<1	42	6	<1	70	<1	2	<10	3.6	2810	<0.5	3	1

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Line	Station	Y	Yb	Zn	Zr
		5	1	20	5
		ppb	ppb	ppb	ppb
600	375E	29	2	760	39
600	400E	94	5	390	9
600	425E	108	7	650	15
600	450E	141	9	160	68
600	475E	34	2	290	21
600	500E	46	3	170	40
600	525E	141	9	180	32
600	550E	75	4	<20	<5
600	575E	16	2	40	<5
600	600E	10	2	20	<5
600	625E	11	2	190	<5
600	650E	34	3	180	<5
600	675E	<5	<1	70	<5
600	700E	<5	<1	250	<5
600	725E	113	8	70	66
600	750E	158	11	170	43
600	775E	254	17	240	59
600	800E	192	13	360	45
600	825E	364	18	50	37
600	850E	120	7	70	42
600	875E	257	17	490	23
600	900E	195	12	390	95
600	925E	261	17	740	30
600	950E	60	5	360	34
600	975E	146	11	280	11
700	0E	109	6	20	<5
700	25E	66	4	70	<5
700	50E	352	19	370	5
700	75E	126	8	170	53
700	100E	61	4	790	23
700	125E	125	8	90	<5
700	150E	143	9	270	47
700	175E	109	8	260	71
700	200E	33	2	90	<5
700	225E	103	6	170	9
700	250E	93	6	240	24
700	275E	33	2	90	6
700	300E	99	5	230	8
700	325E	66	5	300	38
700	350E	52	3	250	28
700	375E	37	3	350	31
700	400E	57	5	880	38
700	425E	45	4	400	43

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Line	Station	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
		1	1	10	0.1	10	1	10	1	5	5	100	0.5	10	1	0.5	0.5
		ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
700	450E	26	240	10	0.2	1610	<1	80	25	23	44	<100	1.8	550	8	4.1	1.6
700	475E	34	224	<10	0.2	910	<1	20	17	18	45	<100	3.8	390	7	3.4	1.4
700	500E	17	182	10	0.4	600	<1	10	9	260	29	<100	2.6	410	60	28.9	15.1
700	525E	18	213	10	0.2	790	<1	10	39	29	63	<100	2.2	670	14	8.2	2.2
700	550E	25	103	<10	0.5	1290	<1	210	10	12	11	<100	3	1020	12	7.6	4.1
700	575E	70	63	<10	0.3	2990	<1	430	15	<5	16	<100	1	2540	6	3.6	2.4
700	600E	22	242	10	0.3	830	<1	20	18	77	23	<100	3.5	330	13	6.5	3.6
700	625E	63	186	<10	0.4	790	<1	10	25	89	60	<100	3.8	460	17	9.5	4.9
700	650E	36	253	10	0.2	1320	<1	<10	32	27	63	100	3.9	310	10	4.9	2.3
700	675E	86	126	<10	0.2	1310	<1	230	51	25	18	<100	2.9	860	9	4.2	2.5
700	700E	33	151	<10	<0.1	2010	<1	290	19	7	15	<100	0.9	240	3	1.6	0.7
700	725E	71	258	20	0.4	800	<1	30	14	65	24	100	6.9	470	12	5.5	3.8
700	750E	29	222	<10	0.2	700	<1	20	22	17	58	<100	4.3	410	8	4.2	1.5
700	775E	39	231	20	0.4	680	<1	20	16	37	101	100	8.9	650	12	5.8	2.9
700	800E	15	197	20	0.2	380	<1	<10	9	12	18	<100	4.4	430	5	2.4	0.9
700	825E	16	180	<10	0.3	300	<1	<10	18	19	23	<100	3.1	340	7	4.1	1.7
700	850E	28	178	20	0.3	4540	<1	150	19	64	43	<100	5	1810	30	16.7	7
700	875E	27	181	20	0.1	2430	<1	180	22	53	48	<100	3.6	880	21	11.9	5
700	900E	83	94	<10	0.8	2650	<1	240	10	21	12	<100	1.9	1230	33	16.5	9
700	925E	41	92	<10	0.5	1130	<1	320	16	36	66	<100	1	2140	21	13.1	4.7
700	950E	32	83	<10	0.4	2180	<1	420	28	47	61	<100	1.3	1850	22	14	4.5
700	975E	67	126	<10	0.4	1530	<1	250	24	30	17	<100	2.2	1900	11	6	2.7
800	0E	43	191	<10	0.1	2890	<1	270	22	44	35	<100	1.4	610	18	8.9	4.1
800	25E	35	138	<10	0.2	4360	<1	330	14	46	127	<100	2.6	2680	12	5.7	3.6
800	50E	56	172	<10	0.3	5170	<1	250	26	75	25	<100	1.8	1330	27	12.4	6.8
800	75E	27	78	<10	0.6	3770	<1	450	17	39	201	<100	3.6	3990	4	2.3	1.9
800	100E	29	30	<10	0.2	780	<1	330	24	12	18	<100	<0.5	1320	6	3.6	2
800	125E	37	80	<10	0.2	470	<1	290	43	41	6	<100	<0.5	1790	14	7.4	3.2
800	150E	32	233	20	0.7	5120	<1	100	16	147	138	<100	5.2	2830	41	20.4	9.9
800	175E	23	145	<10	0.3	810	<1	110	19	46	27	<100	3.8	940	14	6.8	3.5
800	200E	32	255	20	0.3	2230	<1	30	33	62	40	<100	4.4	1050	19	8.2	4.5
800	225E	58	116	<10	0.3	2870	<1	550	22	23	8	<100	1.1	1430	8	3.8	2.6
800	250E	29	156	<10	<0.1	1120	<1	280	24	12	25	<100	2.9	400	4	2.4	1.3
800	275E	40	287	20	0.5	3400	2	50	36	28	42	<100	2.3	470	9	4.7	2.2
800	300E	40	>300	<10	0.2	1090	<1	10	14	42	21	<100	8	510	12	6.1	3.2
800	325E	33	152	<10	0.2	2740	<1	370	51	110	20	<100	2.2	2840	58	28.4	12
800	350E	22	208	10	0.3	3160	<1	160	16	110	116	<100	3.5	1470	35	17.1	8.4
800	375E	21	259	<10	0.4	1790	<1	30	20	106	67	<100	5	990	31	12.5	7.8
800	400E	23	271	10	0.3	1870	<1	30	12	109	55	<100	4.1	790	40	17.2	9.8
800	425E	15	236	<10	<0.1	1480	<1	140	28	29	58	<100	1.2	640	14	6.5	3
800	450E	16	238	10	0.6	2320	<1	90	9	245	53	100	5.3	860	56	25.6	17.9
800	475E	10	243	10	0.6	2270	<1	90	16	251	74	<100	4.4	2060	179	67.5	46.4
800	500E	6	156	10	0.6	1770	1	60	8	72	318	<100	4.8	3050	8	4.1	2.3

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Line	Station	Fe	Ga	Gd	Hg	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
		1	1	1	1	0.5	0.1	1	5	1	10	5	0.5	1	5	0.1	10
		ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
700	450E	79	8	6	<1	<0.5	26	7	<5	23	700	<5	1.8	15	115	3.5	170
700	475E	60	7	5	<1	<0.5	14.1	8	<5	4	520	<5	1.5	14	84	2	140
700	500E	47	13	63	<1	<0.5	4.8	118	<5	4	160	<5	5.8	237	36	1.2	70
700	525E	86	10	9	<1	<0.5	8.6	10	<5	8	970	<5	2.1	29	118	1.9	190
700	550E	17	2	17	<1	<0.5	6.7	10	<5	10	240	11	<0.5	34	21	0.4	20
700	575E	10	<1	9	<1	<0.5	6.4	9	<5	23	400	<5	<0.5	24	81	<0.1	<10
700	600E	71	13	12	<1	<0.5	13.9	34	<5	3	460	5	6.2	48	48	1.3	100
700	625E	51	5	17	<1	<0.5	17.1	36	<5	2	1070	<5	2.1	66	71	1.5	190
700	650E	89	11	8	<1	<0.5	10.2	11	<5	3	550	<5	2.6	22	117	2	260
700	675E	23	2	10	<1	<0.5	14.2	21	<5	8	620	<5	<0.5	30	60	0.5	90
700	700E	41	5	2	<1	<0.5	7.5	3	<5	24	1480	5	<0.5	5	88	0.7	70
700	725E	100	16	13	<1	<0.5	11.5	28	<5	3	1200	29	8.1	41	47	4.1	100
700	750E	98	10	5	<1	<0.5	14.7	8	<5	4	910	11	3	13	117	3	190
700	775E	128	18	11	<1	<0.5	17.9	16	<5	3	2670	23	7.2	31	111	4.8	180
700	800E	81	7	3	<1	<0.5	7.9	5	<5	1	1240	<5	1.8	9	47	3.5	190
700	825E	54	5	6	<1	<0.5	6.7	9	<5	1	320	<5	0.7	17	52	1.4	170
700	850E	66	7	28	<1	<0.5	9	32	<5	22	530	10	2.3	64	75	1.5	130
700	875E	78	11	20	<1	<0.5	9.2	24	<5	25	1850	13	3	47	75	2.8	90
700	900E	10	1	38	<1	<0.5	2.9	44	<5	28	140	<5	<0.5	89	21	0.1	30
700	925E	41	<1	19	<1	<0.5	5.6	17	<5	30	5200	9	<0.5	43	196	0.3	30
700	950E	23	<1	19	<1	<0.5	5.6	14	<5	47	4350	<5	<0.5	35	160	<0.1	40
700	975E	20	2	11	<1	<0.5	6.8	15	<5	12	320	<5	<0.5	26	59	0.5	70
800	0E	82	4	17	<1	<0.5	13.3	22	<5	23	930	<5	1	39	79	1.4	170
800	25E	115	2	13	<1	<0.5	8.9	24	<5	24	16000	6	1.1	35	79	0.8	60
800	50E	44	3	26	<1	<0.5	7.4	41	<5	18	320	<5	0.6	65	75	0.8	150
800	75E	47	1	6	<1	<0.5	7.4	13	<5	17	16200	13	0.7	23	61	0.2	30
800	100E	74	<1	8	<1	<0.5	2.3	7	<5	9	3880	5	<0.5	18	88	0.1	<10
800	125E	9	<1	12	<1	<0.5	2.6	17	<5	9	1070	<5	<0.5	30	155	0.1	40
800	150E	148	10	38	<1	<0.5	5.7	63	<5	17	12700	11	4.4	103	74	1.9	400
800	175E	33	2	14	<1	<0.5	10.2	21	<5	2	1370	<5	<0.5	36	45	0.5	180
800	200E	114	10	16	<1	<0.5	10.7	26	<5	4	740	6	4.5	44	75	2.4	230
800	225E	13	<1	10	<1	<0.5	7.4	12	<5	26	510	8	<0.5	25	89	0.3	30
800	250E	63	7	4	<1	<0.5	11.6	7	<5	18	800	13	2.1	10	59	1.8	80
800	275E	150	13	7	<1	<0.5	7.9	11	<5	9	610	26	3.7	19	121	2.9	570
800	300E	88	7	11	<1	<0.5	12.1	17	<5	2	410	10	1.1	30	82	5.6	440
800	325E	27	2	51	<1	<0.5	16.4	53	<5	43	980	<5	<0.5	110	313	0.3	90
800	350E	86	4	33	<1	<0.5	13.4	47	<5	26	1580	9	1.2	82	233	2.5	120
800	375E	71	5	30	<1	<0.5	9.8	45	<5	7	530	<5	1	87	126	1.9	220
800	400E	118	7	38	<1	<0.5	8.1	48	<5	8	570	7	1.9	111	125	2.2	220
800	425E	110	7	12	<1	<0.5	5.8	12	<5	21	1230	<5	0.6	28	141	1.5	140
800	450E	100	8	65	<1	<0.5	3.2	104	<5	4	1000	11	1.8	197	64	2.2	140
800	475E	102	9	184	<1	<0.5	2.6	183	<5	14	2470	7	1.9	537	113	1.2	150
800	500E	362	5	8	<1	<0.5	5.3	21	<5	5	9250	12	1.6	27	99	2.2	70

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Line	Station	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W
		1	1	1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1	1
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
700	450E	<1	3	<1	43	<1	32	4	<1	480	<1	1	<10	2	1270	<0.5	2	<1
700	475E	<1	3	<1	83	<1	29	4	<1	80	<1	<1	<10	2.1	1320	<0.5	2	<1
700	500E	<1	47	<1	73	<1	94	56	<1	70	<1	10	<10	3.9	2010	<0.5	5	1
700	525E	<1	5	<1	72	<1	28	7	<1	230	<1	2	<10	2.9	1560	<0.5	4	<1
700	550E	<1	5	<1	61	<1	22	12	<1	330	<1	2	<10	1.3	287	<0.5	2	<1
700	575E	<1	4	<1	40	<1	6	7	<1	840	<1	1	<10	<0.5	4	<0.5	3	<1
700	600E	<1	10	<1	94	<1	48	11	<1	80	<1	2	<10	3.9	2380	<0.5	4	1
700	625E	<1	13	<1	169	<1	53	16	<1	60	<1	3	<10	5.3	997	<0.5	6	<1
700	650E	<1	4	<1	94	<1	41	6	<1	90	<1	2	<10	4.2	1420	<0.5	3	1
700	675E	<1	6	<1	89	<1	19	8	<1	380	<1	1	<10	1.6	210	<0.5	3	<1
700	700E	<1	1	<1	42	<1	13	2	<1	1050	<1	<1	<10	1.9	297	<0.5	2	<1
700	725E	<1	9	<1	148	<1	48	11	<1	90	<1	2	<10	9.1	2470	<0.5	7	2
700	750E	<1	3	<1	96	<1	25	4	<1	170	<1	1	<10	3.3	1230	<0.5	3	<1
700	775E	<1	6	<1	141	<1	42	9	<1	70	<1	2	<10	6.2	2460	<0.5	5	2
700	800E	<1	2	<1	104	<1	25	3	<1	60	<1	<1	<10	4.6	1170	<0.5	4	<1
700	825E	<1	3	<1	102	<1	27	5	<1	40	<1	1	<10	2.3	514	<0.5	3	<1
700	850E	<1	12	<1	74	<1	63	19	<1	500	<1	4	<10	5.1	1100	<0.5	4	<1
700	875E	<1	9	<1	76	<1	48	14	<1	570	<1	3	<10	4.7	1540	<0.5	5	<1
700	900E	<1	16	<1	60	<1	52	27	<1	660	<1	6	<10	1.1	72	<0.5	4	<1
700	925E	<1	8	<1	41	<1	46	13	<1	840	<1	3	<10	2.1	20	<0.5	14	<1
700	950E	<1	6	<1	37	<1	48	12	<1	1110	<1	3	<10	1.4	6	<0.5	13	<1
700	975E	<1	5	<1	85	<1	30	8	<1	470	<1	2	<10	1.9	254	<0.5	3	<1
800	0E	<1	7	<1	51	<1	28	12	<1	760	<1	3	<10	2.8	405	<0.5	4	<1
800	25E	<1	7	<1	57	<1	33	10	<1	920	<1	2	<10	3.5	138	<0.5	6	<1
800	50E	<1	13	<1	44	<1	38	19	<1	700	<1	4	<10	3.6	211	<0.5	5	<1
800	75E	<1	5	<1	91	<1	12	5	<1	860	<1	<1	<10	2.5	23	<0.5	3	<1
800	100E	<1	3	<1	<5	<1	24	6	<1	520	<1	1	<10	1.1	3	<0.5	3	<1
800	125E	<1	6	<1	7	<1	21	9	<1	580	<1	2	<10	<0.5	7	<0.5	6	<1
800	150E	<1	21	<1	101	3	77	30	<1	560	<1	6	<10	11.8	2880	<0.5	8	<1
800	175E	<1	7	<1	124	<1	40	11	<1	110	<1	2	<10	4.5	257	<0.5	4	<1
800	200E	<1	8	<1	107	<1	44	13	<1	160	<1	3	<10	5	1670	<0.5	4	<1
800	225E	<1	5	<1	43	<1	11	7	<1	1230	<1	1	<10	2	11	<0.5	3	<1
800	250E	<1	2	<1	55	<1	18	3	<1	550	<1	<1	<10	3.1	604	<0.5	2	<1
800	275E	<1	4	<1	87	2	31	6	<1	280	<1	1	<10	5.3	2500	<0.5	4	1
800	300E	<1	6	<1	132	<1	35	9	<1	100	<1	2	<10	5.2	630	<0.5	4	<1
800	325E	<1	20	<1	67	<1	72	34	<1	1080	<1	9	<10	3.4	19	<0.5	10	<1
800	350E	<1	15	<1	64	<1	65	24	<1	610	<1	6	<10	6.1	966	<0.5	7	<1
800	375E	<1	17	<1	135	<1	44	24	<1	190	<1	5	<10	5.7	550	<0.5	5	<1
800	400E	<1	21	<1	79	<1	59	30	<1	190	<1	7	<10	5.2	1240	<0.5	5	<1
800	425E	<1	5	<1	29	<1	27	9	<1	520	<1	2	<10	2	408	<0.5	3	<1
800	450E	<1	38	<1	112	<1	84	56	<1	200	<1	10	<10	9.9	899	<0.5	10	<1
800	475E	<1	96	<1	58	<1	137	140	<1	430	<1	30	<10	7.3	711	<0.5	11	<1
800	500E	<1	6	<1	94	2	31	7	<1	250	<1	1	<10	6.2	784	0.6	4	<1

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Line	Station	Y	Yb	Zn	Zr
		5	1	20	5
		ppb	ppb	ppb	ppb
700	450E	41	3	510	14
700	475E	33	2	250	26
700	500E	311	19	80	58
700	525E	80	6	280	24
700	550E	94	5	60	14
700	575E	55	3	<20	<5
700	600E	65	5	120	57
700	625E	96	7	430	67
700	650E	48	4	740	34
700	675E	49	3	100	9
700	700E	14	1	640	7
700	725E	47	4	120	75
700	750E	38	3	260	27
700	775E	52	4	470	56
700	800E	21	2	140	39
700	825E	38	3	110	22
700	850E	171	12	430	40
700	875E	117	8	460	38
700	900E	196	11	160	13
700	925E	134	10	60	18
700	950E	140	10	410	13
700	975E	59	4	80	13
800	0E	98	5	440	15
800	25E	61	4	140	19
800	50E	143	8	530	15
800	75E	25	2	210	7
800	100E	44	3	70	6
800	125E	95	5	40	<5
800	150E	211	14	330	87
800	175E	77	5	180	19
800	200E	82	5	390	42
800	225E	43	2	60	7
800	250E	22	2	240	19
800	275E	42	4	940	31
800	300E	59	4	290	28
800	325E	331	18	170	9
800	350E	186	11	740	38
800	375E	137	8	350	38
800	400E	190	11	330	43
800	425E	74	4	600	11
800	450E	266	18	230	82
800	475E	983	36	110	45
800	500E	31	3	140	55

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Line	Station	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
		1	1	10	0.1	10	1	10	1	5	5	100	0.5	10	1	0.5	0.5
		ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
800	525E	15	155	<10	0.1	5150	1	140	57	65	83	<100	1.7	2950	96	62.6	16.7
800	550E	23	>300	10	0.3	1020	<1	<10	32	45	30	200	8.5	1030	11	5.1	2.5
800	575E	241	31	<10	2.3	3010	<1	730	102	7	47	<100	1.8	23300	38	21.6	11.5
800	600E	41	295	<10	0.1	2850	<1	70	24	28	110	<100	3.5	670	8	3.9	2.2
800	625E	20	289	<10	<0.1	590	<1	30	30	8	108	<100	0.6	290	6	3.4	0.8
800	650E	76	265	<10	0.1	460	1	50	64	25	142	<100	3.6	1070	16	10.8	3.2
800	675E	10	>300	<10	<0.1	290	<1	20	41	11	44	<100	1.4	300	8	4.8	1.2
800	700E	52	172	<10	0.2	340	<1	280	86	17	166	<100	4.6	1430	6	3.9	1.2
800	725E	14	92	<10	0.3	130	<1	80	4	<5	20	<100	2.9	19000	<1	<0.5	<0.5
800	750E	18	>300	<10	<0.1	410	<1	580	12	<5	304	<100	1.1	140	3	6.6	<0.5
800	775E	23	134	<10	<0.1	590	<1	410	16	12	69	<100	2.7	600	7	4.6	1.3
800	800E	52	120	<10	0.2	1310	<1	500	8	30	17	<100	3.5	970	10	5.7	2.1
800	825E	20	>300	<10	<0.1	2290	<1	210	13	<5	12	<100	<0.5	410	8	6.2	0.6
800	850E	80	110	<10	1.3	550	<1	290	21	64	34	<100	7.9	12700	52	35.2	8.6
800	875E	16	174	<10	0.2	470	<1	280	12	27	27	<100	4.4	960	7	3.4	1.8
800	900E	29	287	<10	0.2	620	<1	10	21	27	35	100	4.7	510	7	3.4	1.6
800	925E	28	>300	10	<0.1	1010	<1	<10	24	28	64	100	3.4	310	7	3.9	1.5
800	950E	34	111	<10	0.2	1260	<1	310	19	8	8	<100	2	830	2	1.2	0.6
800	975E	4	48	<10	<0.1	190	<1	210	24	<5	19	<100	<0.5	2990	16	12.2	3.2
900	0E	28	212	<10	0.2	6020	<1	190	13	<5	64	<100	2	1380	20	39.1	0.9
900	25E	5	56	<10	<0.1	4430	<1	770	154	9	27	<100	1.8	2000	43	41.1	4.7
900	50E	48	107	<10	0.4	2230	<1	360	18	37	168	<100	1.6	2490	13	6.4	4
900	75E	62	80	<10	<0.1	2920	<1	470	134	39	6	<100	1.6	2410	88	52.1	14.3
900	100E	27	212	<10	<0.1	2970	<1	120	53	22	81	<100	0.7	510	14	7.4	2.8
900	125E	116	90	<10	0.3	3180	<1	540	69	18	31	<100	1.7	2250	21	13.2	4.5
900	150E	52	77	<10	0.1	1180	<1	540	50	6	13	<100	1.1	2080	11	6.1	3.6
900	175E	7	139	<10	<0.1	900	<1	330	39	9	145	<100	<0.5	180	17	12	2.1
900	200E	38	85	<10	0.4	2070	<1	530	16	55	13	<100	2.3	2160	39	22.8	7.1
900	225E	58	173	20	0.3	890	<1	60	17	32	28	<100	4.4	2150	17	9	3.5
900	250E	105	58	<10	1.1	3680	<1	720	99	15	30	<100	2	13000	32	26.3	5.9
900	275E	20	98	<10	0.3	2480	<1	390	22	15	32	<100	1.3	470	5	2.5	1.5
900	300E	35	108	<10	0.3	4430	<1	370	19	44	7	<100	2.4	1170	19	10.2	4.7
900	325E	33	91	<10	0.3	3200	<1	520	29	7	7	<100	1.2	480	4	1.9	1.5
900	350E	36	80	<10	1.2	6800	<1	300	36	68	12	<100	2.1	4020	141	81.6	31.2
900	375E	44	56	<10	0.5	2660	<1	380	18	15	205	<100	0.6	6110	8	4.6	3.2
900	400E	18	253	10	0.3	2380	<1	10	18	40	59	<100	4.3	710	11	5.2	2.4
900	425E	16	51	<10	0.7	3270	<1	410	67	41	223	<100	0.9	10600	15	9.8	6
900	450E	36	112	<10	0.3	1870	<1	320	11	14	24	<100	3	880	4	2.3	1.3
900	475E	40	279	30	0.3	1000	<1	20	16	43	45	100	4.7	700	12	5.6	3.3
900	500E	101	89	<10	0.3	1850	<1	490	34	7	11	<100	3	3390	11	5.5	4.3
900	525E	20	214	<10	<0.1	1600	<1	150	24	11	21	<100	<0.5	370	5	3	1.2
900	550E	35	221	10	0.2	950	<1	110	17	46	15	<100	3.2	360	9	4.1	2.6
900	575E	61	113	<10	0.2	150	<1	300	28	7	<5	<100	3.1	1680	2	1.4	0.5

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Line	Station	Fe	Ga	Gd	Hg	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
		1	1	1	1	0.5	0.1	1	5	1	10	5	0.5	1	5	0.1	10
		ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
800	525E	105	5	72	<1	<0.5	4.3	29	<5	14	1090	<5	<0.5	121	155	0.9	540
800	550E	132	13	9	<1	<0.5	10.8	21	<5	2	770	15	2.3	28	88	4.4	190
800	575E	8	<1	51	<1	<0.5	9.8	27	<5	25	5920	20	<0.5	83	366	<0.1	<10
800	600E	100	8	6	<1	<0.5	22.6	12	<5	19	790	8	2.3	19	205	2.9	320
800	625E	85	8	3	<1	<0.5	18.5	3	<5	10	8170	<5	2.2	5	84	2	250
800	650E	46	4	11	<1	0.8	9.6	8	<5	13	3700	<5	<0.5	25	122	0.6	1720
800	675E	57	18	5	<1	<0.5	5.1	5	<5	4	620	<5	5.7	9	36	1.9	40
800	700E	57	4	5	<1	<0.5	11.2	6	<5	33	1430	<5	1.2	9	140	1.2	110
800	725E	177	<1	<1	<1	<0.5	6.4	1	<5	4	260	<5	<0.5	<1	67	0.4	<10
800	750E	35	<1	<1	<1	<0.5	4.8	<1	<5	60	510	<5	<0.5	<1	163	<0.1	<10
800	775E	28	1	6	<1	<0.5	13.5	5	<5	65	1800	<5	<0.5	9	107	0.3	20
800	800E	14	<1	8	<1	<0.5	7	13	<5	18	420	<5	<0.5	18	38	0.2	20
800	825E	30	1	3	<1	<0.5	6.8	<1	<5	39	1320	<5	<0.5	<1	112	<0.1	100
800	850E	23	1	40	<1	<0.5	17.3	44	<5	14	7340	<5	<0.5	75	103	0.2	20
800	875E	77	9	6	<1	<0.5	6.8	13	<5	18	600	6	6.4	18	61	2.4	50
800	900E	118	10	6	<1	<0.5	9.5	13	<5	2	1560	17	2.9	16	83	4.1	100
800	925E	162	16	5	<1	<0.5	8.6	13	<5	3	800	12	4.7	16	147	5.7	120
800	950E	19	<1	2	<1	<0.5	5.7	4	<5	7	110	<5	<0.5	4	49	0.2	20
800	975E	79	2	13	<1	<0.5	5.9	10	<5	4	3990	19	<0.5	25	40	0.2	30
900	0E	45	2	3	<1	<0.5	17.1	<1	<5	49	360	<5	<0.5	3	102	<0.1	70
900	25E	22	1	21	<1	<0.5	32.4	11	<5	40	4490	<5	<0.5	31	29	0.2	200
900	50E	49	2	15	<1	<0.5	6.5	26	<5	20	28700	5	0.9	48	84	0.5	30
900	75E	16	1	65	<1	<0.5	6.7	44	<5	28	720	<5	<0.5	117	84	<0.1	110
900	100E	80	9	10	<1	<0.5	10.1	9	<5	25	2180	<5	0.9	24	73	1.5	280
900	125E	13	<1	20	<1	<0.5	11.2	18	<5	16	2130	<5	<0.5	37	109	<0.1	80
900	150E	10	<1	15	<1	<0.5	9.3	15	<5	23	1020	<5	<0.5	32	133	0.2	40
900	175E	122	7	9	<1	<0.5	10.4	5	<5	24	510	<5	<0.5	15	73	0.9	190
900	200E	13	1	31	<1	<0.5	6.9	26	<5	37	1030	<5	<0.5	54	77	0.1	60
900	225E	82	10	14	<1	<0.5	10.4	13	<5	4	660	15	3.9	28	52	0.9	340
900	250E	12	<1	25	<1	<0.5	11.7	22	<5	38	2040	<5	<0.5	46	275	0.1	20
900	275E	24	1	6	<1	<0.5	11.2	9	<5	43	550	<5	<0.5	17	70	0.5	60
900	300E	13	<1	18	<1	<0.5	5.8	21	<5	32	670	<5	<0.5	42	125	0.2	60
900	325E	8	<1	5	<1	<0.5	8.5	7	<5	21	500	<5	<0.5	15	62	0.3	10
900	350E	24	2	130	<1	<0.5	3.8	106	<5	27	200	<5	<0.5	269	116	<0.1	100
900	375E	28	<1	10	<1	<0.5	5.3	12	<5	18	13900	43	<0.5	34	171	0.3	20
900	400E	67	7	9	<1	<0.5	15.6	13	<5	4	450	8	2.4	28	89	2.1	220
900	425E	42	1	20	<1	<0.5	8.6	39	<5	24	18900	26	<0.5	82	910	0.1	50
900	450E	25	2	5	<1	<0.5	12.2	8	<5	8	350	11	<0.5	15	85	1	40
900	475E	91	11	12	<1	<0.5	14.5	18	<5	3	1560	24	2	30	85	5.6	210
900	500E	7	<1	16	<1	<0.5	11.8	17	<5	17	1140	7	<0.5	40	63	0.4	<10
900	525E	60	11	4	<1	<0.5	32.3	5	<5	21	2230	<5	1.8	11	59	2.2	120
900	550E	100	13	9	<1	<0.5	6.8	21	<5	5	660	24	6.3	28	33	2.5	130
900	575E	10	2	2	<1	<0.5	8.8	3	<5	6	920	<5	1.2	6	31	0.4	<10

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Line	Station	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W
		1	1	1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1	1
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
800	525E	<1	18	<1	15	<1	138	44	<1	600	<1	13	<10	5.4	114	0.7	6	<1
800	550E	<1	6	<1	77	<1	43	8	<1	60	<1	2	<10	6.8	1080	<0.5	4	<1
800	575E	4	12	<1	60	<1	62	30	<1	1390	<1	7	<10	1.5	3	0.8	17	<1
800	600E	<1	4	<1	89	<1	30	6	<1	370	<1	1	<10	3.5	845	<0.5	3	<1
800	625E	<1	1	<1	22	<1	24	2	<1	240	<1	<1	<10	1.2	682	<0.5	2	<1
800	650E	<1	4	<1	83	<1	56	7	<1	270	<1	2	<10	0.8	84	<0.5	2	<1
800	675E	<1	2	<1	25	<1	25	3	<1	160	<1	1	<10	1.1	2360	<0.5	1	<1
800	700E	<1	2	<1	54	<1	53	3	<1	560	<1	<1	<10	1.4	885	<0.5	3	<1
800	725E	<1	<1	<1	17	<1	14	<1	<1	220	<1	<1	<10	0.5	40	<0.5	2	<1
800	750E	<1	<1	<1	44	<1	44	<1	<1	1880	<1	<1	<10	<0.5	4	<0.5	<1	<1
800	775E	<1	2	<1	57	<1	40	4	<1	890	<1	1	<10	0.8	49	<0.5	3	<1
800	800E	<1	4	<1	42	<1	36	5	<1	810	<1	1	<10	1.4	16	<0.5	3	<1
800	825E	<1	<1	<1	36	<1	28	1	<1	930	<1	<1	<10	<0.5	<3	<0.5	<1	<1
800	850E	4	14	<1	111	<1	199	24	<1	570	<1	7	<10	3.3	23	0.8	15	<1
800	875E	<1	4	<1	110	<1	30	5	<1	410	<1	1	<10	5.3	1350	<0.5	4	<1
800	900E	<1	3	<1	108	<1	38	5	<1	80	<1	1	<10	7	824	<0.5	4	<1
800	925E	<1	3	<1	69	<1	34	4	<1	100	<1	<1	<10	6.2	1950	<0.5	5	<1
800	950E	<1	1	<1	65	<1	13	2	<1	460	<1	<1	<10	0.8	60	<0.5	2	<1
800	975E	<1	4	<1	<5	7	19	8	<1	270	<1	2	<10	<0.5	7	0.6	5	<1
900	0E	<1	<1	<1	64	<1	66	1	<1	1510	<1	1	<10	1.4	8	<0.5	2	<1
900	25E	<1	5	<1	45	<1	24	11	<1	1820	<1	5	<10	0.6	<3	<0.5	9	<1
900	50E	<1	10	<1	61	<1	32	12	<1	900	<1	2	<10	2.4	41	<0.5	5	<1
900	75E	<1	20	<1	29	<1	58	39	<1	1270	<1	12	<10	1.1	<3	<0.5	12	<1
900	100E	<1	4	<1	35	<1	28	7	<1	980	<1	2	<10	2.7	677	<0.5	3	<1
900	125E	<1	7	<1	74	<1	38	12	<1	1220	<1	3	<10	1.9	<3	<0.5	5	<1
900	150E	<1	6	<1	45	<1	10	10	<1	1270	<1	2	<10	0.5	<3	<0.5	4	<1
900	175E	<1	2	<1	6	<1	34	5	<1	1350	<1	2	<10	1.9	88	<0.5	4	<1
900	200E	<1	10	<1	43	<1	59	19	<1	1720	<1	6	<10	2.2	3	<0.5	10	<1
900	225E	<1	5	<1	105	1	58	10	<1	160	<1	3	<10	4	3100	<0.5	7	2
900	250E	<1	8	<1	35	<1	42	15	<1	2150	<1	4	<10	0.7	5	<0.5	30	<1
900	275E	<1	3	<1	57	<1	14	5	<1	1040	<1	<1	<10	1.6	64	<0.5	3	<1
900	300E	<1	8	<1	61	<1	33	13	<1	1130	<1	3	<10	1.4	8	<0.5	6	<1
900	325E	<1	3	<1	47	<1	<5	4	<1	1320	<1	<1	<10	0.7	<3	<0.5	3	<1
900	350E	<1	48	<1	39	<1	132	85	<1	1290	<1	21	<10	2	<3	<0.5	32	<1
900	375E	<1	6	<1	34	1	19	9	<1	800	<1	1	<10	3.5	10	<0.5	9	<1
900	400E	<1	5	<1	102	1	32	7	<1	140	<1	2	<10	5	1600	<0.5	4	1
900	425E	<1	16	<1	37	3	40	19	<1	1000	<1	3	<10	1.7	7	<0.5	6	<1
900	450E	<1	3	<1	73	<1	11	4	<1	640	<1	<1	<10	2.5	189	<0.5	2	<1
900	475E	<1	6	<1	102	1	40	9	<1	100	<1	2	<10	8.4	1780	<0.5	5	2
900	500E	<1	7	<1	52	<1	13	13	<1	880	<1	2	<10	1.3	9	<0.5	4	<1
900	525E	<1	2	<1	9	<1	20	3	<1	550	<1	<1	<10	1.7	373	<0.5	2	<1
900	550E	<1	6	<1	80	<1	34	8	<1	170	<1	1	<10	5.4	2460	<0.5	5	1
900	575E	<1	1	<1	42	<1	15	2	<1	420	<1	<1	<10	0.7	124	<0.5	2	<1

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Line	Station	Y	Yb	Zn	Zr
		5	1	20	5
		ppb	ppb	ppb	ppb
800	525E	616	49	90	13
800	550E	45	4	210	48
800	575E	296	16	390	<5
800	600E	38	3	580	23
800	625E	33	3	1260	9
800	650E	112	9	770	<5
800	675E	43	4	330	20
800	700E	35	3	1110	14
800	725E	<5	<1	<20	7
800	750E	17	8	30	<5
800	775E	44	3	180	8
800	800E	64	4	30	12
800	825E	42	6	3060	<5
800	850E	367	26	140	20
800	875E	35	2	100	29
800	900E	30	2	310	54
800	925E	28	3	360	50
800	950E	12	<1	40	5
800	975E	117	11	<20	5
900	0E	119	40	260	<5
900	25E	334	31	690	<5
900	50E	78	5	100	10
900	75E	653	32	40	<5
900	100E	85	5	1150	14
900	125E	167	9	50	8
900	150E	93	4	40	<5
900	175E	119	9	220	<5
900	200E	214	14	30	10
900	225E	86	7	130	47
900	250E	260	19	90	<5
900	275E	26	2	70	7
900	300E	113	7	70	7
900	325E	22	1	20	<5
900	350E	1150	52	30	11
900	375E	53	4	70	10
900	400E	53	4	530	49
900	425E	124	9	260	<5
900	450E	23	2	40	9
900	475E	51	4	100	62
900	500E	76	4	30	<5
900	525E	30	2	1140	11
900	550E	38	3	140	50
900	575E	14	1	40	12

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Line	Station	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
		1	1	10	0.1	10	1	10	1	5	5	100	0.5	10	1	0.5	0.5
		ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
900	600E	31	138	<10	<0.1	170	<1	150	60	19	51	<100	5.4	870	5	2.9	1.6
900	625E	33	36	<10	0.3	90	<1	510	148	<5	41	<100	2.2	14600	2	1.8	<0.5
900	650E	56	71	<10	<0.1	80	<1	250	98	7	121	<100	4.7	4430	7	4.9	1
900	675E	11	252	<10	<0.1	320	<1	60	31	<5	113	<100	1.3	600	7	4.7	0.5
900	700E	60	155	10	0.2	290	<1	220	95	12	188	<100	3.2	1290	7	4.1	1
900	725E	7	171	<10	0.3	290	<1	10	2	8	37	<100	8	4470	2	1.4	<0.5
900	750E	11	207	<10	<0.1	420	<1	180	18	8	50	<100	2.7	560	6	3.8	0.9
900	775E	38	267	<10	0.1	480	<1	40	28	21	28	<100	5.8	1250	11	6.6	1.7
900	800E	40	109	<10	0.9	50	<1	260	5	33	11	<100	1.8	17800	24	16.6	3.7
900	825E	28	105	<10	0.3	230	<1	210	7	12	112	<100	3.9	3220	3	2	0.7
900	850E	22	98	<10	<0.1	180	<1	240	18	14	36	<100	2.9	1640	15	9.3	2.4
900	875E	190	43	<10	0.8	30	<1	430	33	<5	38	<100	2.8	20200	3	2.1	<0.5
900	900E	98	108	<10	0.3	60	<1	30	22	32	62	<100	5.7	3370	22	13.6	3.6
900	925E	112	48	<10	0.3	240	<1	490	18	<5	7	<100	1.8	7980	5	2.7	1.3
900	950E	123	39	<10	2.3	1970	<1	620	10	<5	10	<100	0.7	22800	13	5.8	5.1
900	975E	57	62	<10	0.4	370	<1	440	261	<5	79	<100	6.8	9390	3	1.7	1.1
1000	0E	39	89	<10	0.6	3030	<1	500	11	15	5	<100	2	950	4	1.8	1.6
1000	25E	22	297	10	0.2	2230	<1	20	17	37	76	<100	3.4	580	13	6	2.7
1000	50E	8	265	<10	<0.1	1380	<1	50	29	41	20	<100	1.4	570	19	8.5	4.1
1000	75E	30	100	<10	<0.1	3630	<1	470	19	17	28	<100	2.8	400	6	3.5	1.6
1000	100E	29	101	<10	0.1	2450	<1	530	17	38	11	<100	2.1	840	8	4.3	2.6
1000	125E	115	61	<10	1.2	4500	<1	700	27	37	28	<100	2.5	9050	44	30.4	8.2
1000	150E	51	61	<10	0.2	1980	<1	590	18	<5	9	<100	0.9	1540	3	1.4	1.2
1000	175E	24	222	<10	<0.1	3880	<1	120	42	235	119	<100	3.5	1570	65	27.8	16.2
1000	200E	16	284	<10	<0.1	1760	<1	70	33	63	83	<100	2.1	770	15	6.5	3.4
1000	225E	13	174	<10	0.5	1320	<1	20	10	119	23	<100	3.9	770	32	14.5	7.9
1000	250E	4	149	<10	0.3	410	<1	<10	7	28	17	<100	4.8	850	9	4.4	1.9
1000	275E	5	204	<10	<0.1	6280	<1	170	2	<5	95	<100	3.7	470	4	8.5	<0.5
1000	300E	15	168	<10	0.3	570	<1	20	10	61	20	<100	5.2	380	16	7.8	4.7
1000	325E	8	266	<10	0.1	1230	<1	20	9	123	76	<100	3.2	610	25	10.2	6.5
1000	350E	35	291	<10	<0.1	2750	<1	30	17	35	46	<100	4.2	420	10	5.2	2.7
1000	375E	15	269	<10	0.2	730	<1	<10	7	10	27	<100	2.8	240	4	2.6	0.7
1000	400E	41	>300	10	0.3	1040	<1	10	6	40	18	100	5.5	320	8	3.7	2.4
1000	425E	51	277	<10	0.2	540	<1	<10	9	47	11	<100	8.2	520	12	5.2	3.7
1000	450E	10	261	<10	<0.1	710	<1	<10	11	8	33	<100	1.8	280	4	2.4	0.6
1000	475E	15	219	<10	0.2	1950	<1	90	15	19	40	<100	2.3	770	7	3.6	1.8
1000	500E	78	65	<10	0.6	2670	<1	500	13	7	12	<100	2	1770	6	2.7	2.5
1000	525E	44	70	<10	0.2	570	<1	400	25	6	<5	<100	2.9	1270	2	1.1	0.7
1000	550E	44	256	20	0.2	1150	<1	20	14	19	114	<100	3.8	800	8	4.5	1.6
1000	575E	59	72	<10	0.4	120	<1	290	37	26	9	<100	9.8	8970	8	5.2	2.2
1000	600E	166	64	<10	2.3	280	<1	410	19	7	7	<100	10.3	33200	6	3.1	2.2
1000	625E	260	104	<10	0.6	210	2	330	29	12	28	<100	5.5	1290	4	2.2	0.9
1000	650E	96	102	<10	0.1	200	<1	290	13	39	8	<100	3	1530	6	3.1	1.9

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Line	Station	Fe	Ga	Gd	Hg	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
		1	1	1	1	0.5	0.1	1	5	1	10	5	0.5	1	5	0.1	10
		ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
900	600E	102	10	5	<1	<0.5	20	9	<5	6	2940	<5	0.9	15	29	1.7	60
900	625E	6	<1	1	<1	<0.5	6.8	2	<5	25	5600	<5	<0.5	3	74	0.1	<10
900	650E	13	<1	4	<1	<0.5	10.9	3	<5	16	1380	<5	<0.5	8	120	0.1	1200
900	675E	79	13	3	<1	<0.5	12.1	2	<5	19	1330	<5	2.8	4	70	1.7	50
900	700E	54	4	4	<1	<0.5	9.2	5	<5	39	1430	<5	1.4	9	118	1.2	160
900	725E	213	10	1	<1	<0.5	17.1	4	<5	5	400	<5	11.3	4	57	3.1	<10
900	750E	47	6	4	<1	<0.5	11	3	<5	83	3440	<5	<0.5	8	170	0.8	20
900	775E	120	21	8	<1	<0.5	12.7	8	<5	11	4940	<5	14	17	64	4.5	50
900	800E	20	<1	18	<1	<0.5	4.7	29	<5	3	790	<5	<0.5	42	126	0.2	20
900	825E	126	7	3	<1	<0.5	9.8	5	<5	7	8160	<5	11.1	7	30	0.8	10
900	850E	41	1	10	<1	<0.5	8.2	7	<5	13	620	<5	<0.5	18	52	0.3	10
900	875E	3	<1	2	<1	<0.5	4	3	<5	11	1480	<5	<0.5	4	235	<0.1	<10
900	900E	25	2	14	<1	<0.5	8.4	10	<5	3	750	<5	<0.5	31	82	0.2	100
900	925E	4	<1	5	<1	<0.5	4.5	5	<5	22	1830	<5	<0.5	11	101	<0.1	<10
900	950E	5	<1	20	<1	<0.5	3.7	16	<5	16	420	<5	<0.5	41	54	<0.1	<10
900	975E	6	<1	4	<1	<0.5	15.9	3	<5	11	3590	<5	<0.5	9	214	0.2	<10
1000	0E	10	<1	6	<1	<0.5	14.7	7	<5	21	380	<5	0.9	15	48	0.4	20
1000	25E	74	10	11	<1	<0.5	13.3	14	<5	5	420	<5	2.4	28	87	3.1	360
1000	50E	37	8	15	<1	<0.5	24.4	12	<5	16	3430	<5	1.1	40	90	3	220
1000	75E	12	<1	6	<1	<0.5	16.6	8	<5	20	1360	<5	<0.5	14	74	0.3	120
1000	100E	9	<1	10	<1	<0.5	14	12	<5	24	2100	<5	<0.5	24	76	0.3	60
1000	125E	13	<1	35	<1	<0.5	6.4	38	<5	33	2690	<5	<0.5	69	138	<0.1	60
1000	150E	10	<1	4	<1	<0.5	12.5	5	<5	21	820	<5	<0.5	11	61	0.2	20
1000	175E	38	7	64	<1	<0.5	23.5	77	<5	25	2490	<5	1.5	201	95	1.3	360
1000	200E	48	11	13	<1	<0.5	13.4	26	<5	22	1250	<5	1.7	45	124	1.5	190
1000	225E	39	7	32	<1	<0.5	7.9	49	<5	3	1980	6	1.9	96	41	1	240
1000	250E	30	6	7	<1	<0.5	6.8	11	<5	<1	720	<5	2.2	21	42	0.7	130
1000	275E	46	<1	<1	<1	<0.5	7.2	<1	<5	35	40	<5	<0.5	<1	94	<0.1	20
1000	300E	33	6	17	<1	<0.5	10.3	23	<5	1	1230	10	1.6	56	34	1.2	150
1000	325E	68	15	25	<1	<0.5	12.3	56	<5	5	2020	6	3.2	89	86	3.3	140
1000	350E	78	14	9	<1	<0.5	15.7	15	<5	5	1100	14	2.9	28	94	3.7	230
1000	375E	95	24	2	<1	<0.5	5.5	5	<5	<1	450	13	2.7	7	33	7	130
1000	400E	74	13	8	<1	<0.5	6	19	<5	<1	1870	25	2.7	26	35	9.5	170
1000	425E	32	8	12	1	<0.5	7.4	20	<5	<1	1170	63	2.8	38	34	6.3	130
1000	450E	113	16	2	<1	<0.5	11.3	4	<5	3	1210	7	3.2	6	49	7.3	110
1000	475E	110	11	6	<1	<0.5	12.1	9	<5	14	1490	17	1.4	16	137	5.5	200
1000	500E	14	1	9	<1	<0.5	14.7	11	<5	19	410	9	<0.5	25	89	0.7	30
1000	525E	13	1	3	<1	<0.5	17	3	<5	14	1120	14	0.8	8	70	0.9	<10
1000	550E	134	16	6	<1	<0.5	13.9	8	<5	6	1680	15	4.8	15	158	2.9	220
1000	575E	6	<1	7	<1	<0.5	13.3	16	<5	8	3020	<5	<0.5	23	121	0.2	<10
1000	600E	6	<1	7	<1	<0.5	7.2	10	<5	13	2050	<5	<0.5	21	63	0.2	<10
1000	625E	23	1	4	<1	<0.5	12.1	5	<5	15	2440	<5	<0.5	10	77	0.4	540
1000	650E	10	1	8	<1	<0.5	19.3	11	<5	7	1590	<5	1.3	22	56	1.1	10

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Line	Station	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W
		1	1	1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1	1
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
900	600E	<1	3	<1	65	<1	27	4	<1	280	<1	<1	<10	2.1	600	<0.5	3	<1
900	625E	<1	<1	<1	17	<1	9	<1	<1	1170	<1	<1	<10	<0.5	<3	<0.5	6	<1
900	650E	<1	1	<1	33	<1	29	2	<1	590	<1	<1	<10	<0.5	7	<0.5	3	<1
900	675E	<1	<1	<1	37	<1	31	2	<1	370	<1	<1	<10	0.9	1120	<0.5	2	<1
900	700E	<1	2	<1	42	<1	55	3	<1	580	<1	<1	<10	1.2	1020	<0.5	3	<1
900	725E	<1	<1	<1	61	<1	26	1	1	100	<1	<1	<10	2.7	1460	<0.5	4	<1
900	750E	<1	1	<1	40	<1	54	2	<1	570	<1	<1	<10	1	395	<0.5	2	<1
900	775E	<1	3	<1	104	<1	46	5	1	170	<1	2	<10	2.7	4130	<0.5	3	2
900	800E	2	9	<1	25	<1	98	12	<1	440	<1	3	<10	1.9	17	<0.5	14	<1
900	825E	<1	2	<1	46	<1	33	2	<1	270	<1	<1	<10	2.3	1120	<0.5	3	<1
900	850E	<1	3	<1	31	<1	37	6	<1	440	<1	2	<10	0.7	59	<0.5	3	<1
900	875E	2	<1	<1	12	<1	13	1	<1	820	<1	<1	<10	<0.5	<3	1.1	25	<1
900	900E	<1	5	<1	75	<1	51	10	<1	100	<1	3	<10	0.5	92	<0.5	3	<1
900	925E	1	2	<1	10	<1	6	3	<1	830	<1	<1	<10	<0.5	<3	<0.5	8	<1
900	950E	2	6	<1	36	<1	11	14	<1	1660	<1	3	<10	<0.5	<3	<0.5	6	<1
900	975E	<1	2	<1	92	<1	11	3	<1	720	<1	<1	<10	0.6	10	<0.5	4	<1
1000	0E	<1	3	<1	97	<1	8	5	<1	910	<1	<1	<10	2.6	4	<0.5	2	<1
1000	25E	<1	5	<1	93	<1	29	8	<1	130	<1	2	<10	3	1330	<0.5	3	<1
1000	50E	<1	7	<1	48	<1	28	12	<1	360	<1	3	<10	1.4	339	<0.5	2	<1
1000	75E	<1	3	<1	81	<1	14	4	<1	970	<1	<1	<10	0.9	6	<0.5	3	<1
1000	100E	<1	4	<1	85	<1	13	7	<1	1340	<1	1	<10	1.3	5	<0.5	4	<1
1000	125E	<1	13	<1	46	<1	79	22	<1	2090	<1	6	<10	<0.5	18	<0.5	20	<1
1000	150E	<1	2	<1	43	<1	<5	3	<1	1340	<1	<1	<10	0.9	9	<0.5	2	<1
1000	175E	<1	37	<1	97	<1	37	50	<1	900	<1	11	<10	2.4	442	<0.5	4	<1
1000	200E	<1	9	<1	53	<1	26	11	<1	650	<1	2	<10	1.9	1030	<0.5	3	<1
1000	225E	<1	18	<1	80	<1	68	26	<1	90	<1	5	<10	4.2	1080	<0.5	6	<1
1000	250E	<1	4	<1	69	<1	37	6	<1	40	<1	1	<10	2.3	384	<0.5	3	<1
1000	275E	<1	<1	<1	62	<1	18	<1	<1	1130	<1	<1	<10	<0.5	6	<0.5	1	<1
1000	300E	<1	10	<1	134	<1	47	16	<1	40	<1	3	<10	3.8	995	<0.5	5	<1
1000	325E	<1	19	<1	58	<1	40	22	<1	190	<1	4	<10	4.3	1860	<0.5	5	1
1000	350E	<1	5	<1	106	<1	27	8	<1	200	<1	2	<10	5	1440	<0.5	3	<1
1000	375E	<1	1	<1	76	<1	22	2	<1	60	<1	<1	<10	3.1	1250	<0.5	2	<1
1000	400E	<1	6	<1	110	<1	35	7	<1	80	<1	1	<10	8.7	1130	<0.5	4	1
1000	425E	<1	8	<1	119	<1	43	11	<1	30	<1	2	<10	8.8	1060	<0.5	6	1
1000	450E	<1	1	<1	67	<1	19	1	<1	110	<1	<1	<10	3.1	759	<0.5	2	<1
1000	475E	<1	3	<1	63	<1	27	5	<1	350	<1	1	<10	4.8	745	<0.5	4	<1
1000	500E	<1	5	<1	85	<1	6	7	<1	870	<1	1	<10	1.6	14	<0.5	3	<1
1000	525E	<1	1	<1	105	<1	6	2	<1	610	<1	<1	<10	1.8	36	<0.5	3	<1
1000	550E	<1	3	<1	87	<1	37	5	<1	130	<1	1	<10	4	1900	<0.5	3	1
1000	575E	<1	5	<1	79	<1	35	6	<1	460	<1	1	<10	0.7	11	<0.5	8	<1
1000	600E	1	4	<1	63	<1	21	6	<1	710	<1	<1	<10	0.8	3	<0.5	6	<1
1000	625E	<1	2	<1	76	<1	20	3	<1	440	<1	<1	<10	1.3	35	<0.5	4	<1
1000	650E	<1	4	<1	77	<1	19	6	<1	340	<1	1	<10	1.6	108	<0.5	4	<1

KAZA-NORTHSTAR
MMI DATA - 2012

Line	Station	Y	Yb	Zn	Zr
		5	1	20	5
		ppb	ppb	ppb	ppb
900	600E	26	2	160	8
900	625E	20	2	830	<5
900	650E	52	4	350	<5
900	675E	37	3	820	11
900	700E	38	3	1000	13
900	725E	8	1	60	63
900	750E	38	3	650	9
900	775E	63	5	820	37
900	800E	228	13	40	14
900	825E	16	2	70	49
900	850E	89	6	110	6
900	875E	33	2	<20	<5
900	900E	155	10	90	6
900	925E	44	2	<20	<5
900	950E	102	4	<20	<5
900	975E	23	1	2870	<5
1000	0E	22	1	40	5
1000	25E	65	4	410	31
1000	50E	103	5	1160	8
1000	75E	38	2	160	<5
1000	100E	50	3	80	<5
1000	125E	303	21	30	9
1000	150E	18	<1	30	<5
1000	175E	377	16	370	13
1000	200E	79	4	280	14
1000	225E	168	9	100	36
1000	250E	46	3	150	25
1000	275E	21	8	40	<5
1000	300E	80	6	100	36
1000	325E	125	6	210	40
1000	350E	53	4	570	32
1000	375E	21	2	110	23
1000	400E	31	2	180	77
1000	425E	48	4	190	72
1000	450E	18	2	710	29
1000	475E	37	3	1070	24
1000	500E	34	2	<20	<5
1000	525E	12	<1	90	7
1000	550E	44	3	430	34
1000	575E	70	4	30	<5
1000	600E	46	3	<20	<5
1000	625E	23	2	60	7
1000	650E	32	2	40	7

**KAZA-NORTHSTAR
MMI DATA - 2012**

Line	Station	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
		1	1	10	0.1	10	1	10	1	5	5	100	0.5	10	1	0.5	0.5
		ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1000	675E	23	236	<10	0.2	540	<1	90	25	<5	129	<100	0.9	570	9	5.5	1.1
1000	700E	120	59	<10	1.2	70	<1	350	5	9	48	<100	27.2	11100	9	5.3	3.3
1000	725E	22	210	<10	0.1	450	<1	60	36	11	123	<100	3.2	550	10	5.6	1.6
1000	750E	49	189	<10	0.2	360	<1	40	57	18	60	<100	6.8	1340	9	5.5	1.3
1000	775E	55	150	<10	0.3	520	<1	30	15	6	76	<100	3.6	1430	11	7.9	0.8
1000	800E	48	223	<10	0.1	1120	<1	90	14	13	59	<100	3.7	1070	8	4.5	1.5
1000	825E	29	239	<10	<0.1	570	<1	40	37	15	49	<100	2.5	1380	16	9.1	2.1
1000	850E	30	188	<10	0.2	1630	<1	30	18	23	23	<100	4.6	430	12	5.9	2.4
1000	875E	66	171	<10	0.2	1050	<1	30	31	35	21	<100	2.4	410	19	10.1	3.6
1000	900E	32	128	<10	<0.1	1000	<1	290	36	33	28	<100	1.5	520	16	8.3	3.3
1000	925E	50	86	<10	0.5	2250	<1	470	20	18	35	<100	2	2640	5	2.8	1.5
1000	950E	91	96	<10	0.6	1160	<1	410	91	14	33	<100	2.3	2480	18	10	4.2
1000	975E	288	80	<10	0.2	820	<1	440	140	10	6	<100	2.5	970	5	2.8	1.7

**KAZA-NORTHSTAR
MMI DATA - 2012**

Line	Station	Fe	Ga	Gd	Hg	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
		1	1	1	1	0.5	0.1	1	5	1	10	5	0.5	1	5	0.1	10
		ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
1000	675E	78	9	5	<1	<0.5	18.4	1	<5	27	6860	<5	1	7	52	2	30
1000	700E	6	<1	13	<1	<0.5	14.3	9	<5	11	1910	<5	<0.5	26	30	0.3	<10
1000	725E	73	11	7	<1	<0.5	12.6	4	<5	23	5000	<5	2.1	12	82	2.2	30
1000	750E	83	18	6	<1	<0.5	11	7	<5	7	2150	<5	22.9	14	49	3	50
1000	775E	62	3	3	<1	<0.5	13.6	2	<5	11	300	<5	1.6	5	87	1	30
1000	800E	90	8	6	<1	<0.5	6.6	5	<5	20	1100	<5	3	12	107	2.1	60
1000	825E	60	9	10	<1	<0.5	18.4	4	11	17	3680	<5	1.1	17	69	2.3	80
1000	850E	49	5	9	<1	<0.5	7.7	8	<5	4	390	<5	1.9	20	32	0.7	60
1000	875E	53	8	14	<1	<0.5	8.4	13	<5	6	460	<5	3.2	32	34	0.6	60
1000	900E	31	2	14	<1	<0.5	12.5	13	<5	24	660	<5	<0.5	27	70	0.4	60
1000	925E	10	<1	6	<1	<0.5	9.1	6	<5	12	1820	<5	<0.5	14	33	0.1	10
1000	950E	18	<1	17	<1	<0.5	9.8	15	<5	17	1080	<5	<0.5	34	72	0.2	30
1000	975E	6	<1	6	<1	<0.5	11.5	5	<5	15	1040	<5	<0.5	13	48	0.2	<10

**KAZA-NORTHSTAR
MMI DATA - 2012**

Line	Station	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W
		1	1	1	5	1	5	1	1	10	1	1	10	0.5	3	0.5	1	1
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1000	675E	<1	<1	<1	25	<1	34	3	<1	450	<1	1	<10	1.1	1030	<0.5	1	<1
1000	700E	2	4	<1	102	<1	59	9	<1	530	<1	2	<10	<0.5	<3	<0.5	2	<1
1000	725E	<1	2	<1	45	<1	47	4	<1	310	<1	1	<10	1.3	1120	<0.5	2	<1
1000	750E	<1	3	<1	68	<1	44	4	2	210	1	1	<10	4.1	1240	<0.5	3	<1
1000	775E	<1	<1	<1	62	<1	22	2	<1	210	<1	1	<10	2.4	271	<0.5	3	<1
1000	800E	<1	2	<1	66	<1	34	4	<1	400	<1	1	<10	1.9	1120	<0.5	3	<1
1000	825E	<1	3	<1	52	<1	36	6	<1	250	<1	2	<10	1.2	661	<0.5	2	<1
1000	850E	<1	4	<1	99	<1	44	6	<1	140	<1	2	<10	2.1	1080	<0.5	3	<1
1000	875E	<1	6	<1	67	<1	47	10	<1	140	<1	3	<10	2.4	1600	<0.5	5	<1
1000	900E	<1	5	<1	41	<1	26	9	<1	850	<1	2	<10	1.2	42	<0.5	3	<1
1000	925E	<1	3	<1	38	<1	15	4	<1	1060	<1	<1	<10	1.4	<3	<0.5	3	<1
1000	950E	<1	6	<1	53	<1	42	12	<1	870	<1	3	<10	1.1	11	<0.5	8	<1
1000	975E	<1	2	<1	78	<1	17	4	<1	850	<1	<1	<10	0.8	4	<0.5	3	<1

**KAZA-NORTHSTAR
MMI DATA - 2012**

Line	Station	Y	Yb	Zn	Zr
		5	1	20	5
		ppb	ppb	ppb	ppb
1000	675E	52	4	850	6
1000	700E	74	4	<20	<5
1000	725E	56	4	800	11
1000	750E	53	4	610	106
1000	775E	58	6	120	33
1000	800E	46	3	350	27
1000	825E	90	6	840	11
1000	850E	60	4	240	32
1000	875E	102	6	130	32
1000	900E	97	5	140	6
1000	925E	31	2	30	7
1000	950E	121	8	720	7
1000	975E	34	2	190	<5

BLIND CREEK RESOURCES LTD.

KAZA-NORTHSTAR

KAZA LAKE, TAKLA LANDING AREA, OMINECA MD, BC

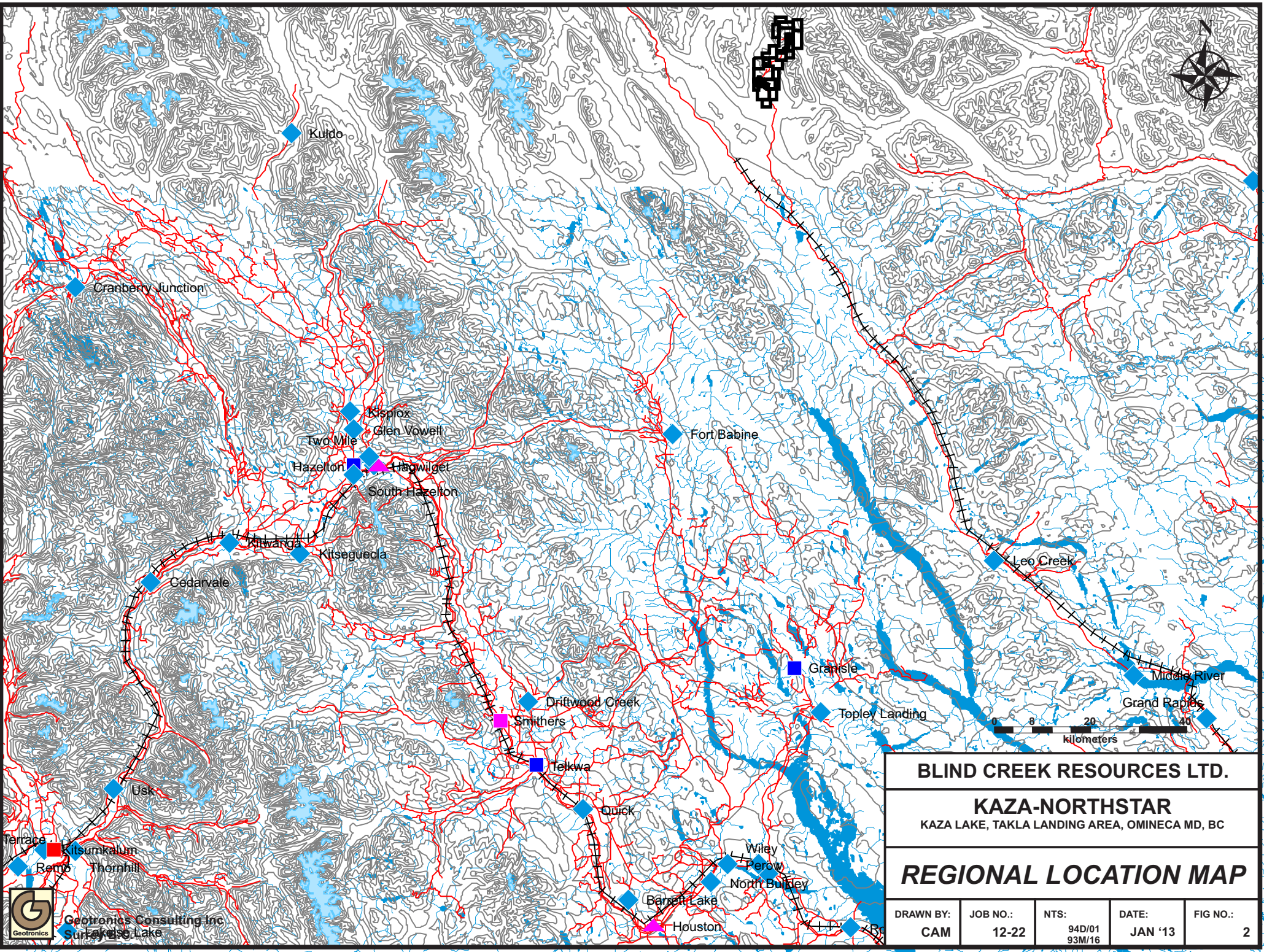
BC LOCATION MAP

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
CAM	12-22	94D/01 93M/16	JAN '13	1

Kaza Northstar



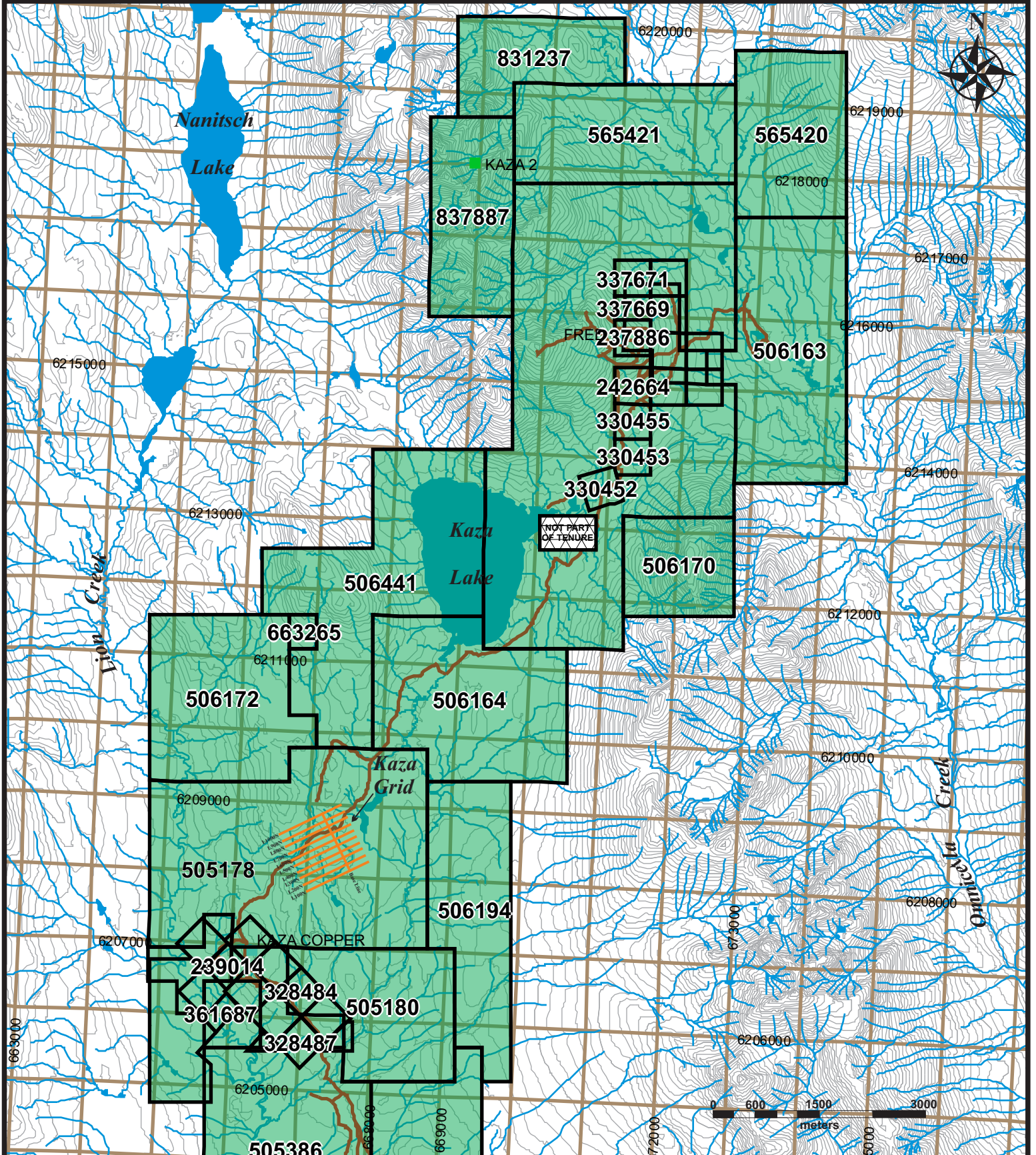
Geotronics Consulting Inc
Surrey B.C.



BLIND CREEK RESOURCES LTD.				
KAZA-NORTHSTAR				
KAZA LAKE, TAKLA LANDING AREA, OMINECA MD, BC				
<i>REGIONAL LOCATION MAP</i>				
DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
CAM	12-22	94D/01 93M/16	JAN '13	2



Geotronics Consulting Inc
Surveys & Mapping

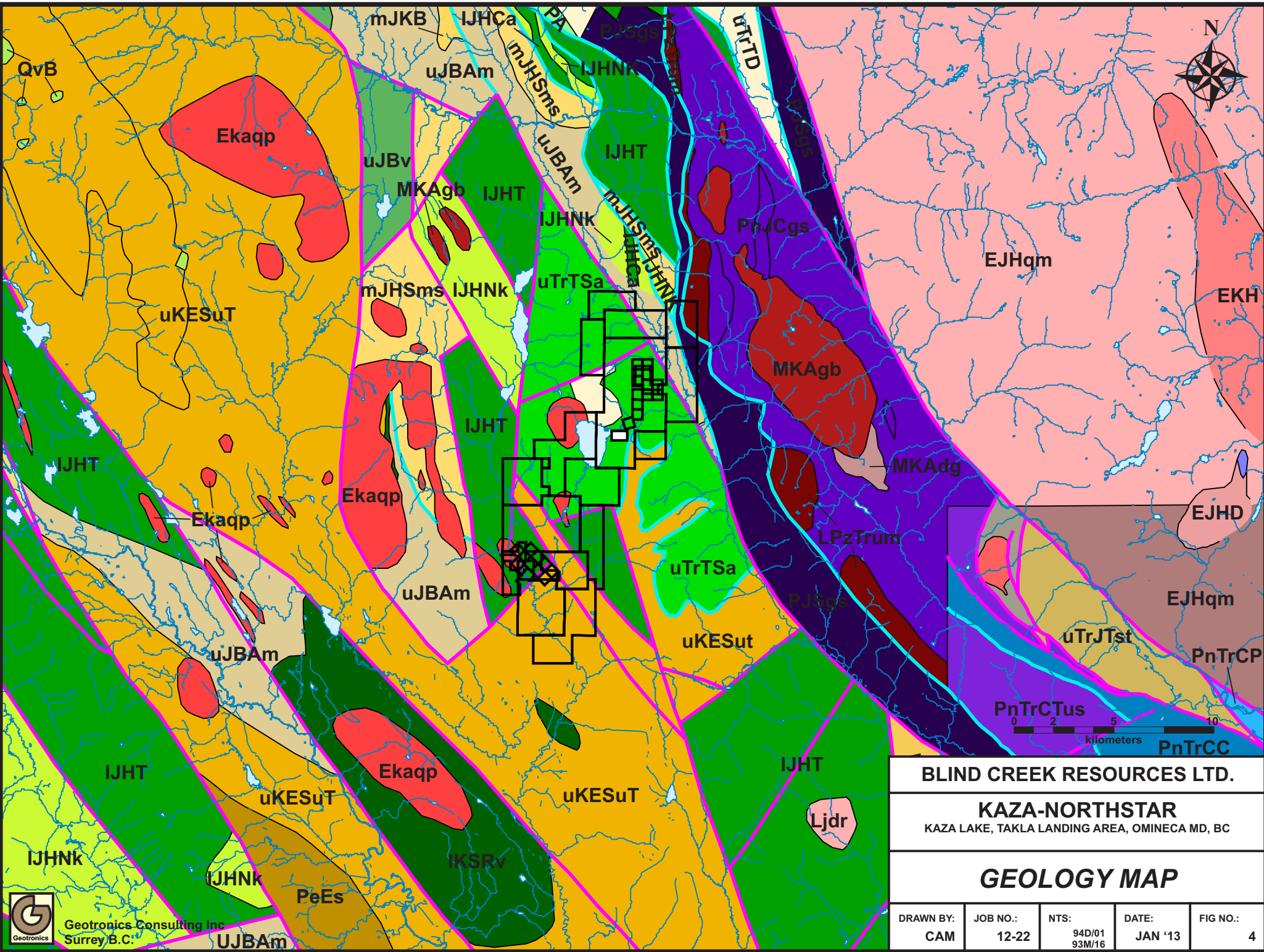


BLIND CREEK RESOURCES LTD.

KAZA-NORTHSTAR
 KAZA LAKE, TAKLA LANDING AREA, OMINECA MD, BC

CLAIM MAP

DRAWN BY: CAM	JOB NO.: 12-22	NTS: 94D/01 93M/16	DATE: JAN '13	FIG NO.: 3
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BLIND CREEK RESOURCES LTD.

KAZA-NORTHSTAR
KAZA LAKE, TAKLA LANDING AREA, OMINECA MD, BC


GEOLOGY MAP

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
CAM	12-22	94D/01 93M/16	JAN '13	4




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Surrey, B.C.


UJBAm


 CACHE CREEK COMPLEX - POPE SUCCESSION Early Pennsylvania to Middle Triassic
limestone, marble, calcareous sedimentary rock

 CACHE CREEK COMPLEX Pennsylvania to Jurassic
greenstone, greenschist metamorphic rocks

 CACHE CREEK COMPLEX - COPLEY LIMESTONE Late Pennsylvania to Late Triassic
limestone, marble, calcareous sedimentary rock

 CACHE CREEK COMPLEX - TREMBLEUR ULTRAMAFITE UNIT Late Pennsylvanian to Late Triassic
serpentine ultramafic rocks

 UNNAMED Late Paleozoic to Triassic
ultramafic rocks


 SITLIKA ASSEMBLAGE - VOLCANIC UNIT Early Permian to Early Triassic
greenstone, greenschist metamorphic rocks

 CACHE CREEK COMPLEX - RUBYROCK IGNEOUS COMPLEX Early Permian to Late Triassic
gabbroic to dioritic intrusive rocks


 CACHE CREEK COMPLEX - SOWCHEA SUCCESSION Early Permian to Late Jurassic
mudstone, siltstone, shale fine clastic sedimentary rocks

 ASITKA GROUP Permian
bimodal volcanic rocks


 SITLIKA ASSEMBLAGE Late Permian to Early Triassic
undivided sedimentary rocks


 SITLIKA ASSEMBLAGE Permian to Jurassic
greenstone, greenschist metamorphic rocks


 TAKLA GROUP Upper Triassic
coarse, clastic sedimentary rocks

 TAKLA GROUP - SAVAGE MOUNTAIN FORMATION Upper Triassic
basaltic volcanic rocks


 SITLIKA ASSEMBLAGE - CLASTIC UNIT Late Triassic to Early Jurassic
undivided sedimentary rocks

 TAKLA GROUP Late Triassic to Early Jurassic
argillite, greywacke, wacke, conglomerate turbidites

 TAKLA GROUP Late Triassic to Early Jurassic
conglomerate, coarse clastic sedimentary rocks


 HOGEM PLUTONIC SUITE - DUCKLING CREEK SYENITE COMPLEX Triassic to Jurassic
paragneiss metamorphic rocks


 HOGEM PLUTONIC SUITE Early Jurassic
quartz monzonitic intrusive rock

 HOGEM PLUTONIC SUITE Early Jurassic
quartz monzonitic to monzogranitic intrusive rocks


 HOGEM PLUTONIC SUITE - DUCKLING CREEK SYENITE COMPLEX Early Jurassic
syenitic to monzonitic intrusive rocks


 HAZELTON GROUP - NILKITKWA FORMATION Lower Jurassic
undivided sedimentary rocks

 HAZELTON GROUP - TELKWA FORMATION Lower Jurassic
calc-alkaline volcanic rocks

 HAZELTON GROUP - SMITHERS FORMATION Middle Jurassic
undivided sedimentary rocks


 HAZELTON GROUP - CARRUTHERS MEMBER Lower Jurassic
basaltic volcanic rocks

 HAZELTON GROUP - SMITHERS FORMATION Middle Jurassic
undivided sedimentary rocks

 BOWSER LAKE GROUP Middle Jurassic to Late Cretaceous
undivided sedimentary rocks

 SUSTUT GROUP - TANGO CREEK FORMATION Upper Cretaceous to Eocene
undivided sedimentary rocks


 BOWSER LAKE GROUP Upper Jurassic
undivided volcanic rocks


 BOWSER LAKE GROUP - ASHMAN FORMATION Upper Jurassic
mudstone, siltstone, shale fine clastic sedimentary rocks

 UNNAMED Late Jurassic
dioritic intrusive rocks


 UNNAMED Early Cretaceous
granodioritic intrusive rocks

 HOGEM PLUTONIC SUITE Early Cretaceous
granite, alkali feldspar granite intrusive rocks


 UNNAMED Early Cretaceous to Pliocene
syenitic to monzonitic intrusive rocks

 SKEENA GROUP - ROCKY RIDGE FORMATION Lower Cretaceous
alkaline volcanic rocks

 AXELGOLD INTRUSION Mid-Cretaceous
gabbroic to dioritic intrusive rocks

 AXELGOLD INTRUSION Mid-Cretaceous
monzodioritic to gabbroic intrusive rocks

 SUSTUT GROUP - TANGO CREEK FORMATION Upper Cretaceous to Eocene
undivided sedimentary rocks

 UNNAMED Paleocene to Eocene
undivided sedimentary rocks

 KASTBERG PLUTONIC SUITE Eocene
high level quartz phyric, felsitic intrusive rocks

 UNNAMED Pleistocene to Holocene
basaltic volcanic rocks

 Fault

 Thrust

 Contact

BLIND CREEK RESOURCES LTD.

KAZA-NORTHSTAR
KAZA LAKE, TAKLA LANDING AREA, OMINECA MD, BC

GEOLOGY LEGEND

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
CAM	12-22	94D/01 93M/16	JAN '13	4a

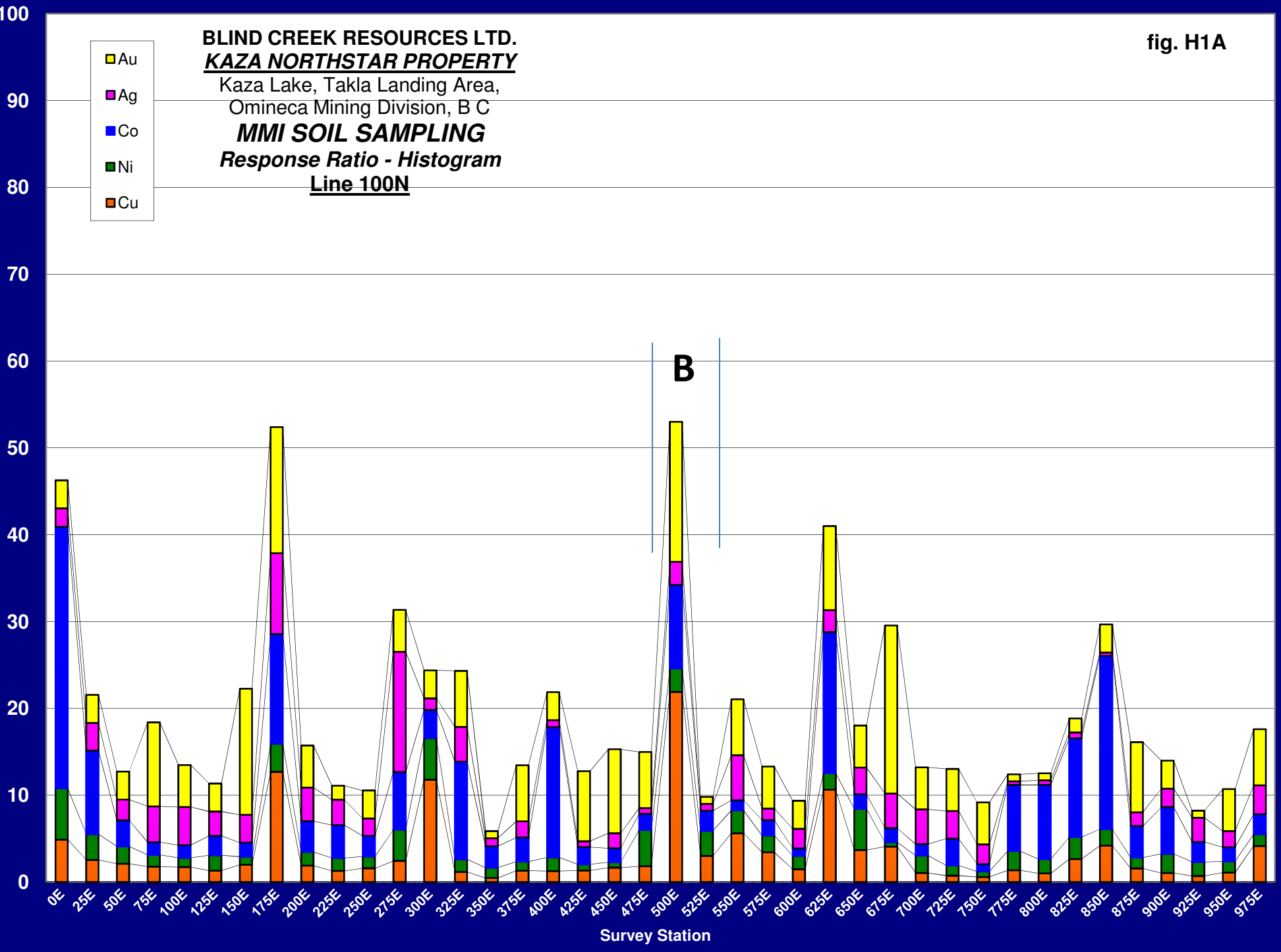


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BLIND CREEK RESOURCES LTD.
KAZA NORTHSTAR PROPERTY
Kaza Lake, Takla Landing Area,
Omineca Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 100N

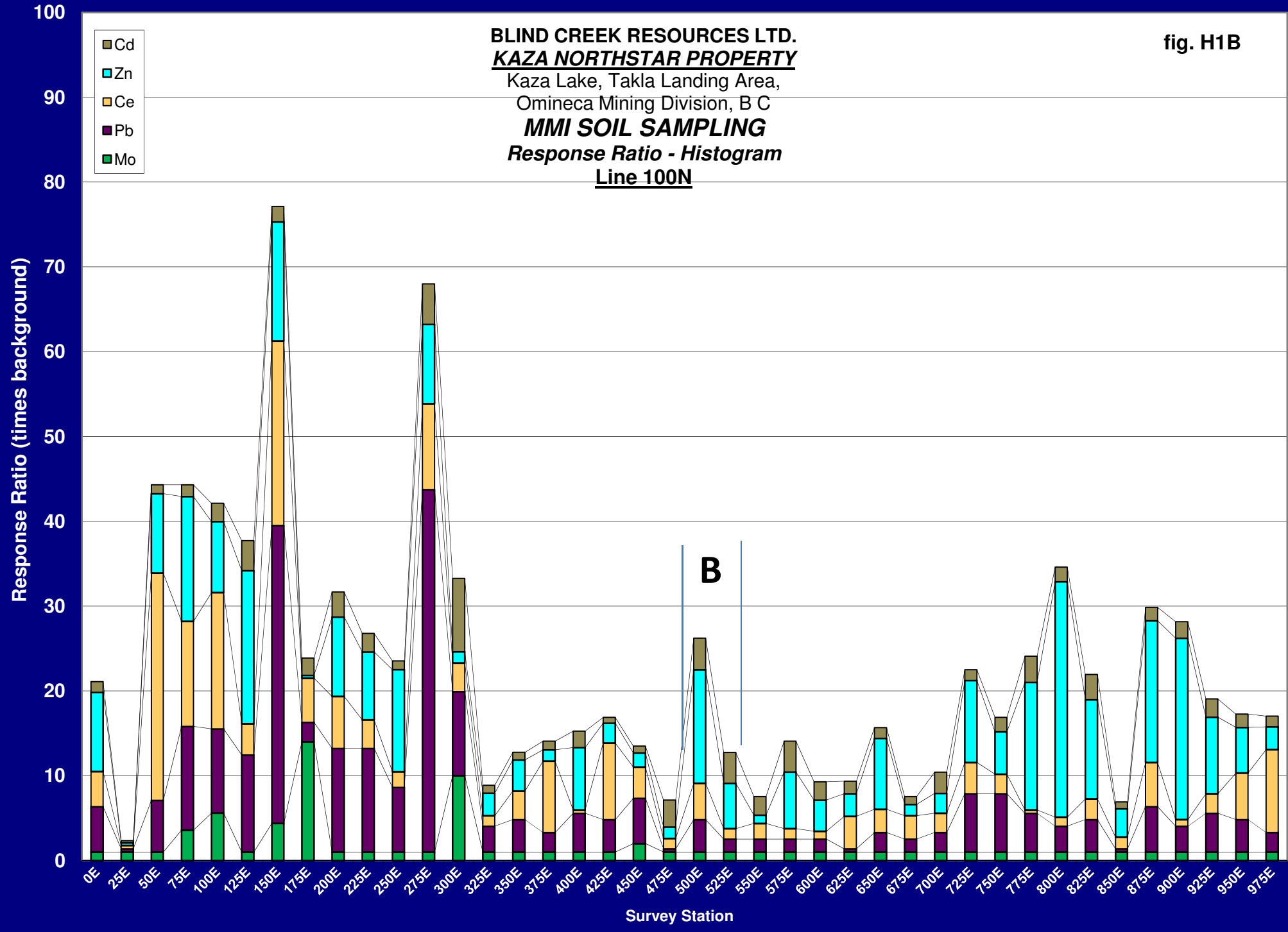
- Au
- Ag
- Co
- Ni
- Cu

Response Ratio (times background)



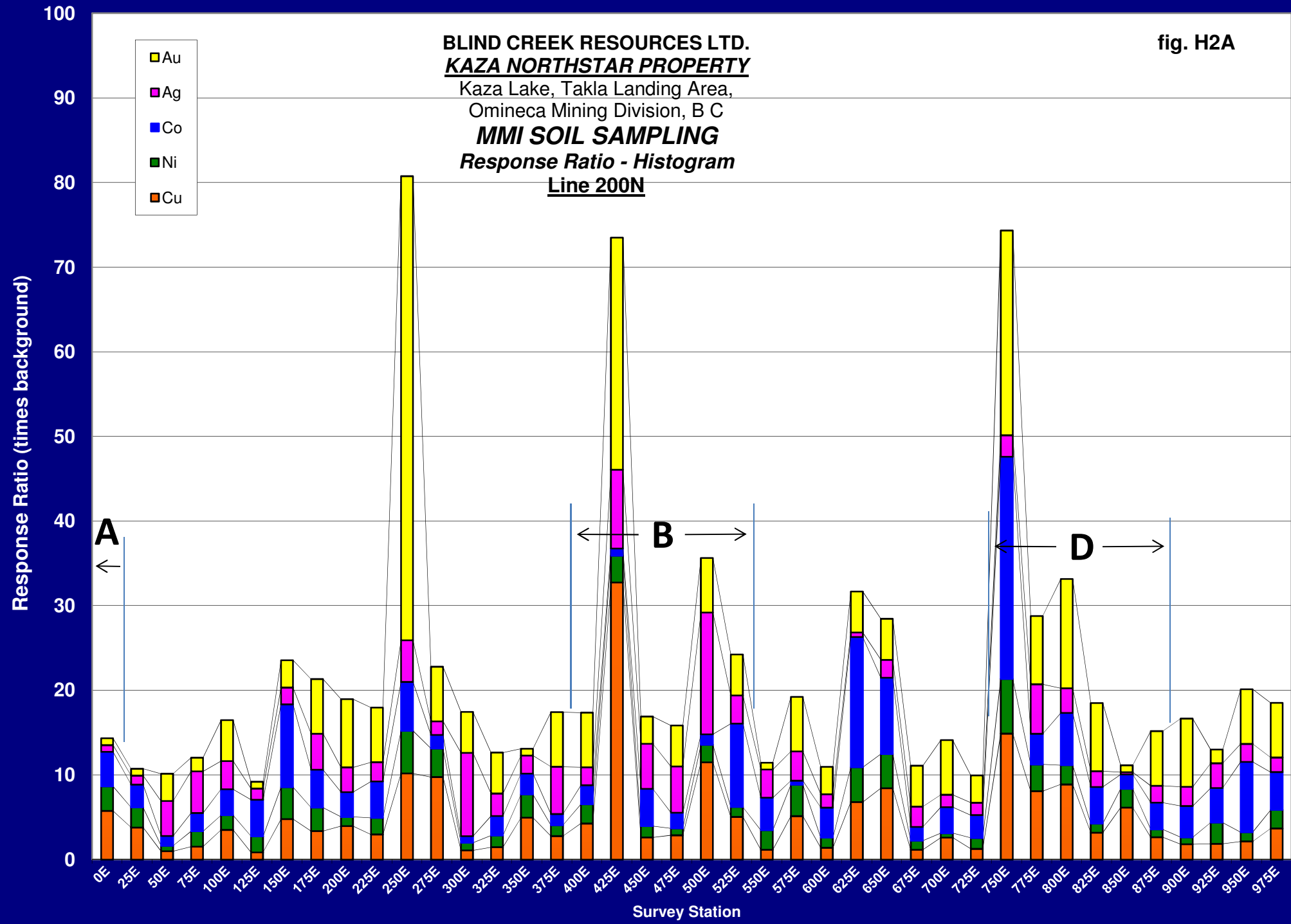
BLIND CREEK RESOURCES LTD.
KAZA NORTHSTAR PROPERTY
 Kaza Lake, Takla Landing Area,
 Omineca Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 100N

fig. H1B



BLIND CREEK RESOURCES LTD.
KAZA NORTHSTAR PROPERTY
 Kaza Lake, Takla Landing Area,
 Omineca Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 200N

fig. H2A



BLIND CREEK RESOURCES LTD.
KAZA NORTHSTAR PROPERTY
 Kaza Lake, Takla Landing Area,
 Omineca Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 200N

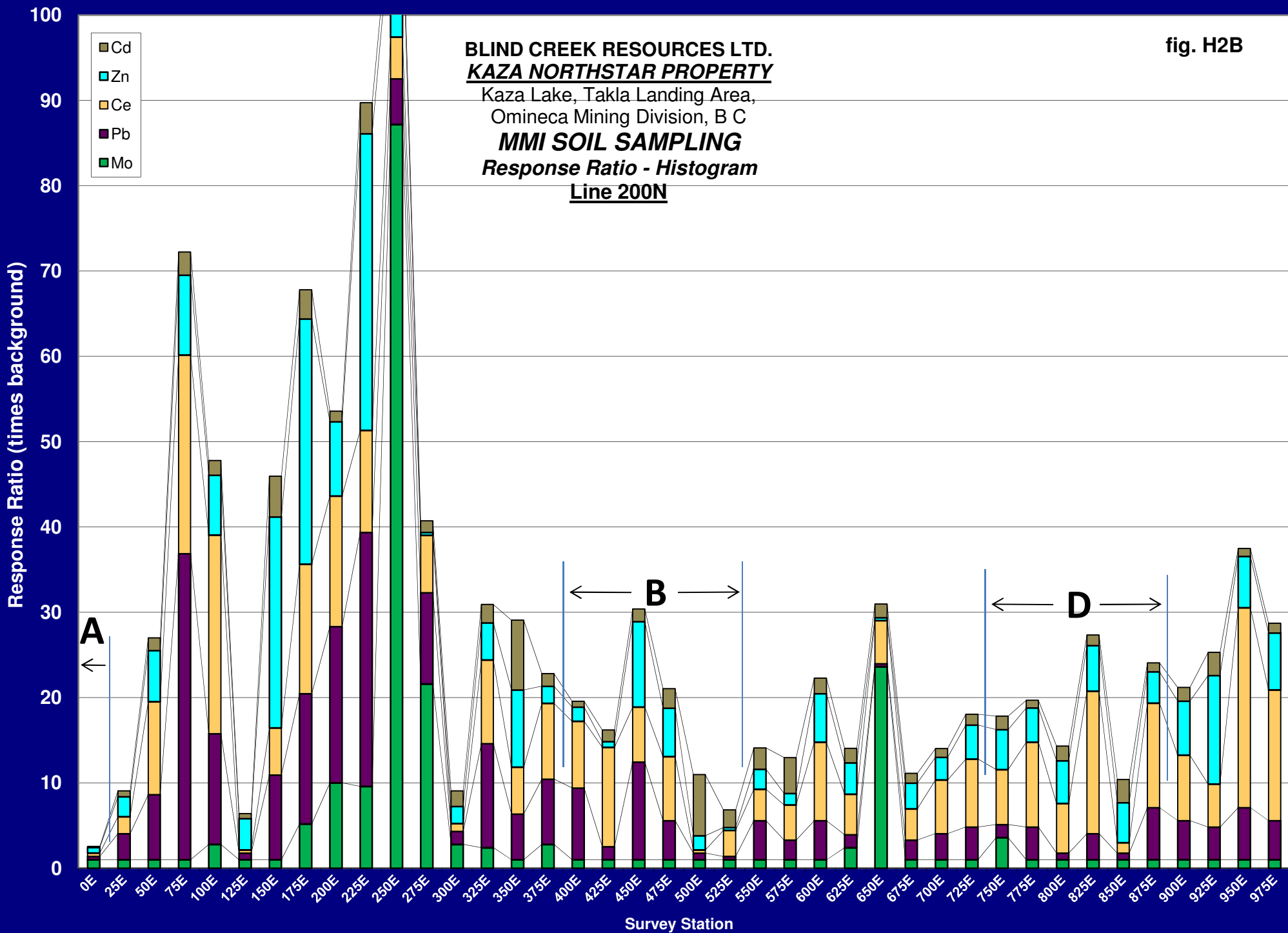


fig. H3A

BLIND CREEK RESOURCES LTD.
KAZA NORTHSTAR PROPERTY
Kaza Lake, Takla Landing Area,
Omineca Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 300N

- Au
- Ag
- Co
- Ni
- Cu

Response Ratio (times background)

100
90
80
70
60
50
40
30
20
10
0

A

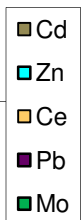
B

D

0E 25E 50E 75E 100E 125E 150E 175E 200E 225E 250E 275E 300E 325E 350E 375E 400E 425E 450E 475E 500E 525E 550E 575E 600E 625E 650E 675E 700E 725E 750E 775E 800E 825E 850E 875E 900E 925E 950E 975E

Survey Station

BLIND CREEK RESOURCES LTD.
KAZA NORTHSTAR PROPERTY
Kaza Lake, Takla Landing Area,
Omineca Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 300N



Response Ratio (times background)

A

B

D

0E 25E 50E 75E 100E 125E 150E 175E 200E 225E 250E 275E 300E 325E 350E 375E 400E 425E 450E 475E 500E 525E 550E 575E 600E 625E 650E 675E 700E 725E 750E 775E 800E 825E 850E 875E 900E 925E 950E 975E

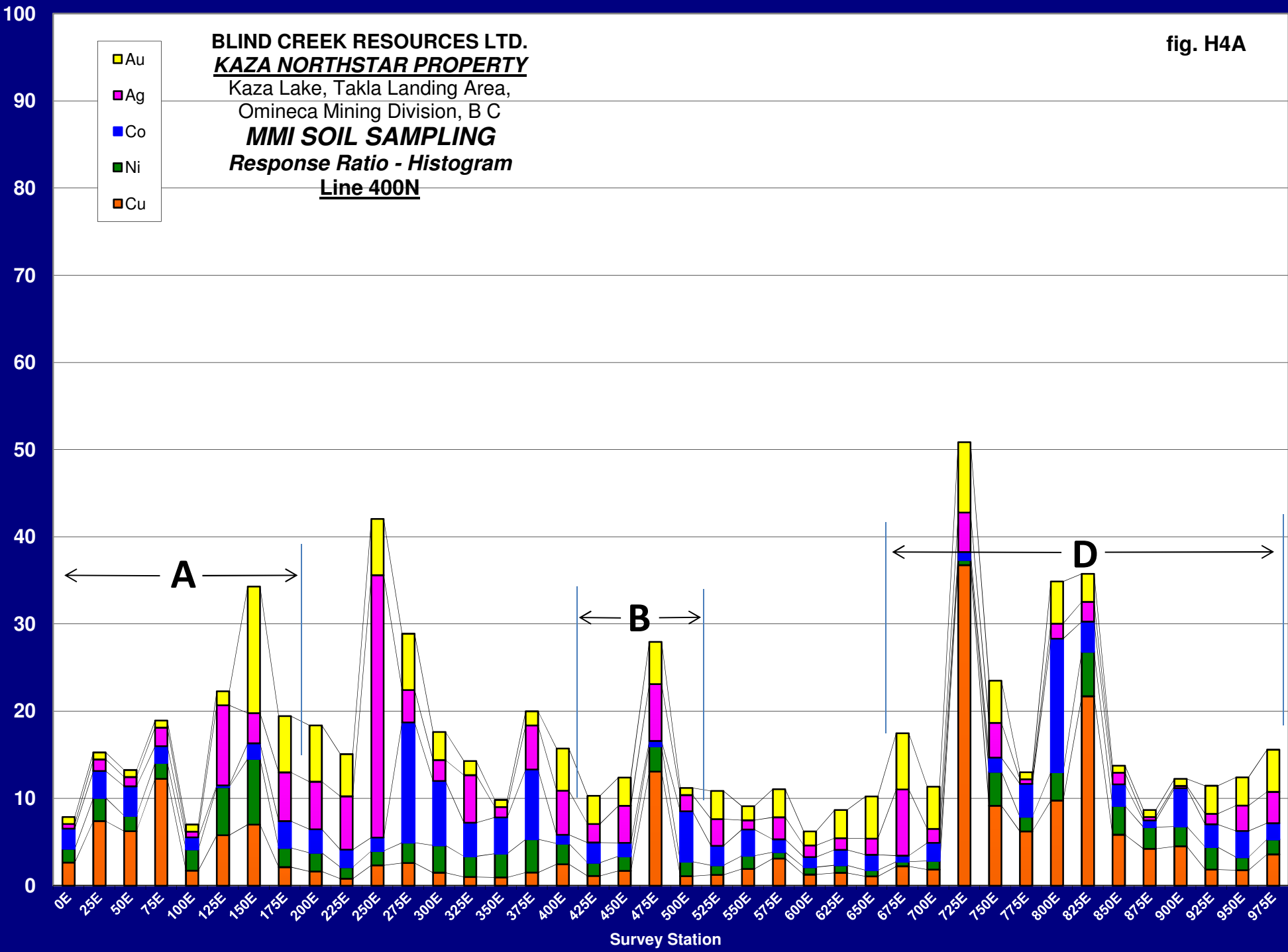
Survey Station

fig. H4A

BLIND CREEK RESOURCES LTD.
KAZA NORTHSTAR PROPERTY
Kaza Lake, Takla Landing Area,
Omineca Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 400N

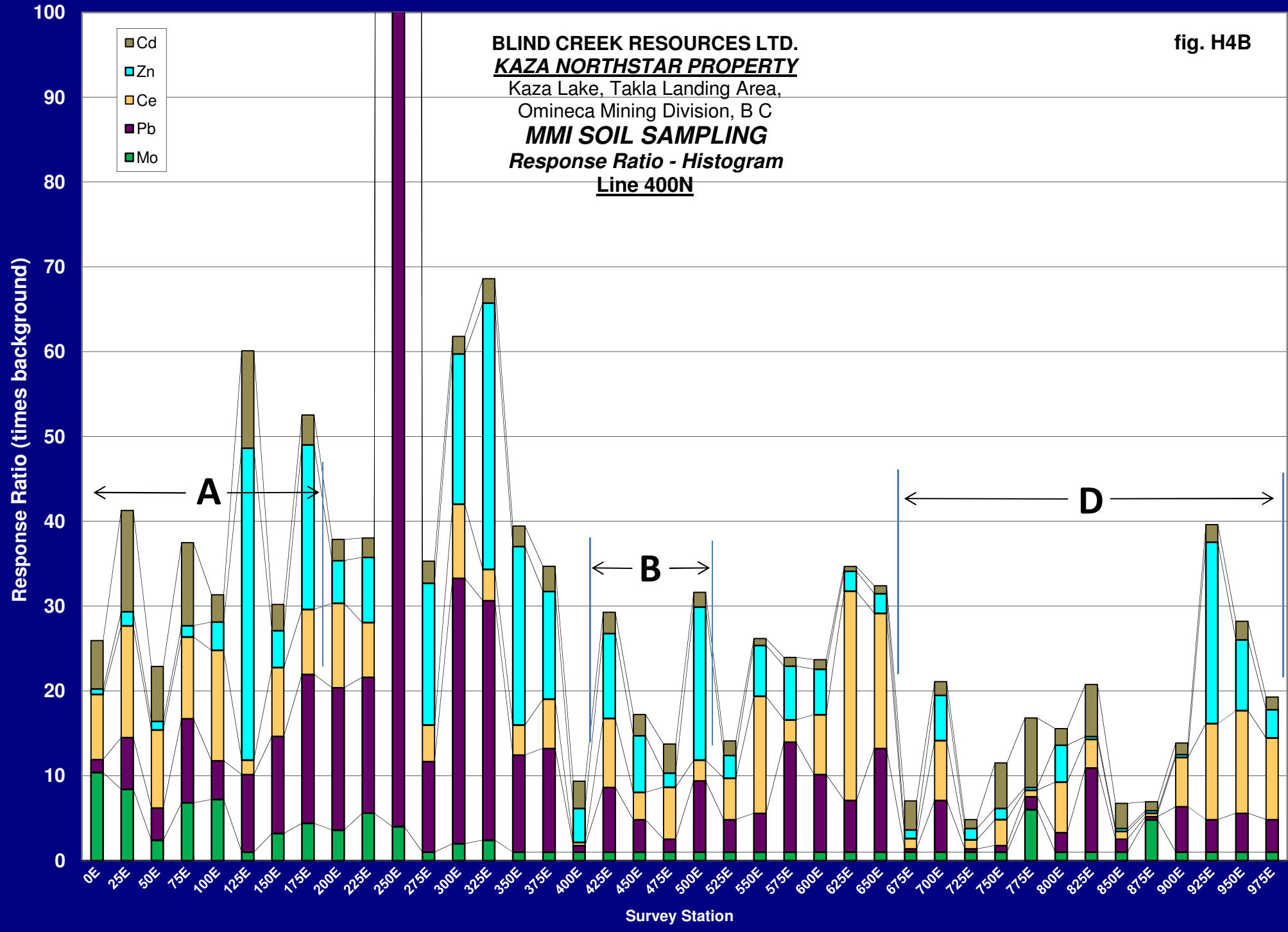
- Au
- Ag
- Co
- Ni
- Cu

Response Ratio (times background)

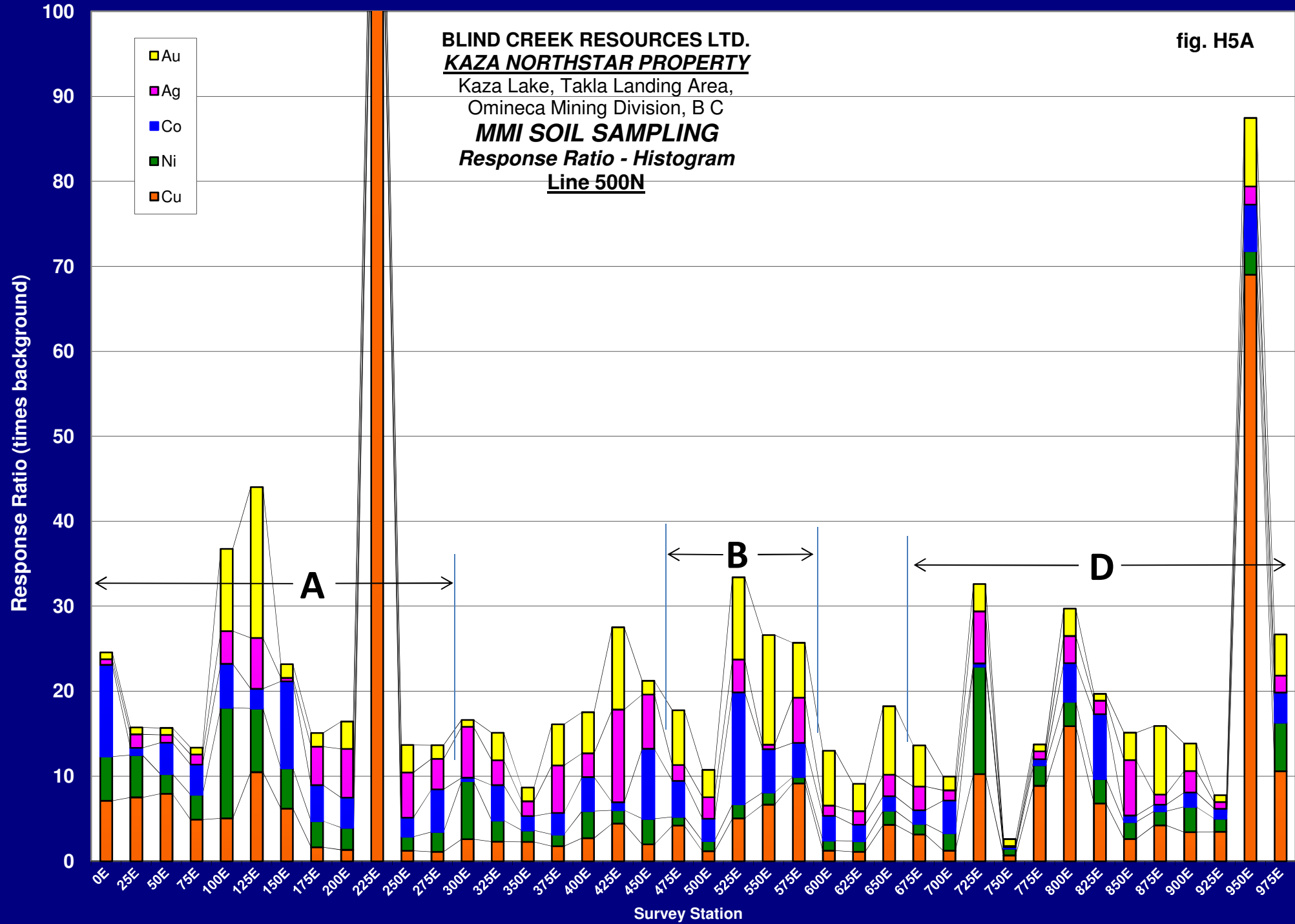


BLIND CREEK RESOURCES LTD.
KAZA NORTHSTAR PROPERTY
 Kaza Lake, Takla Landing Area,
 Omineca Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 400N

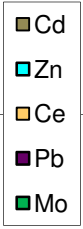
fig. H4B



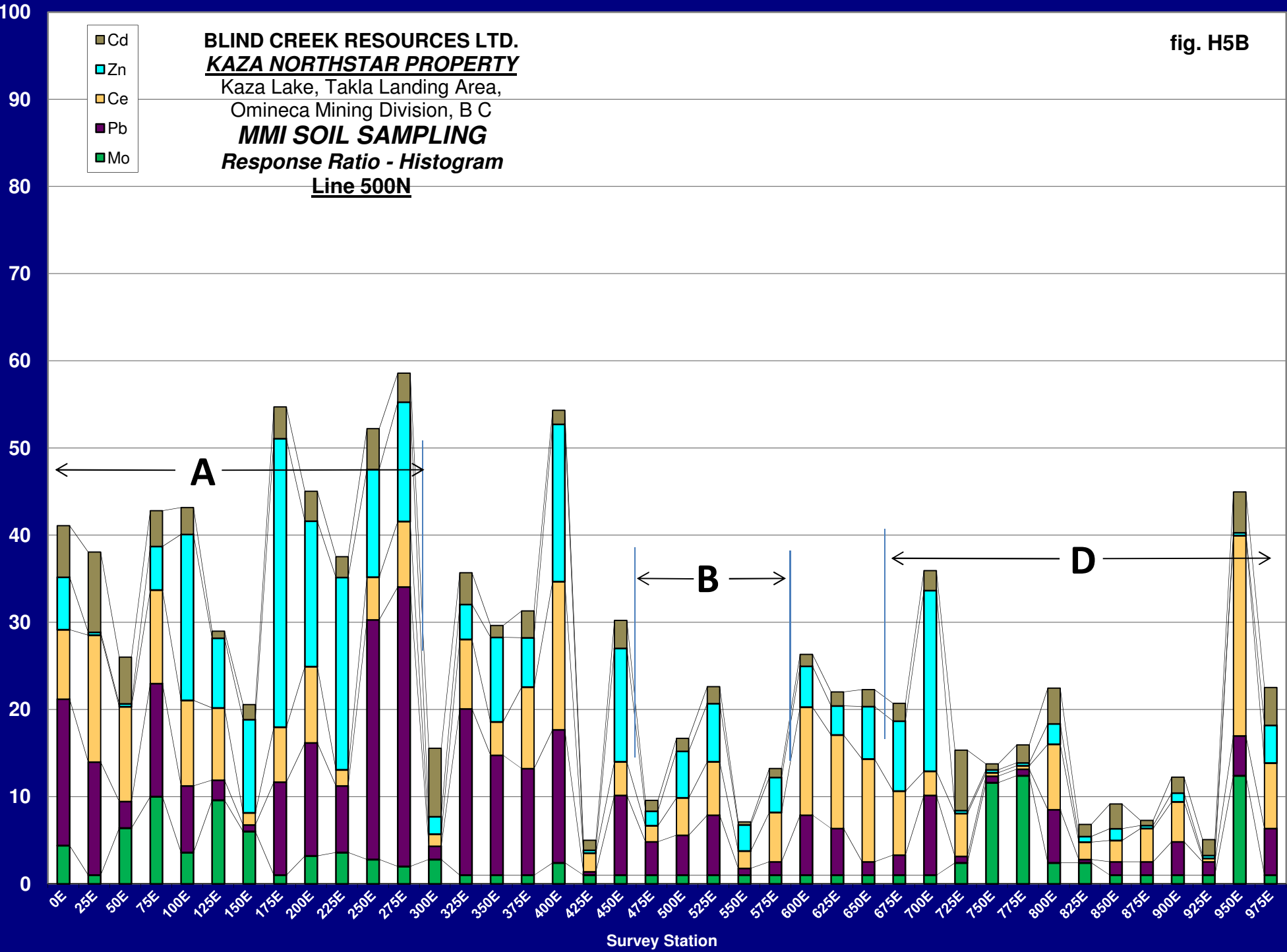
BLIND CREEK RESOURCES LTD.
KAZA NORTHSTAR PROPERTY
Kaza Lake, Takla Landing Area,
Omineca Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 500N



BLIND CREEK RESOURCES LTD.
KAZA NORTHSTAR PROPERTY
Kaza Lake, Takla Landing Area,
Omineca Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 500N

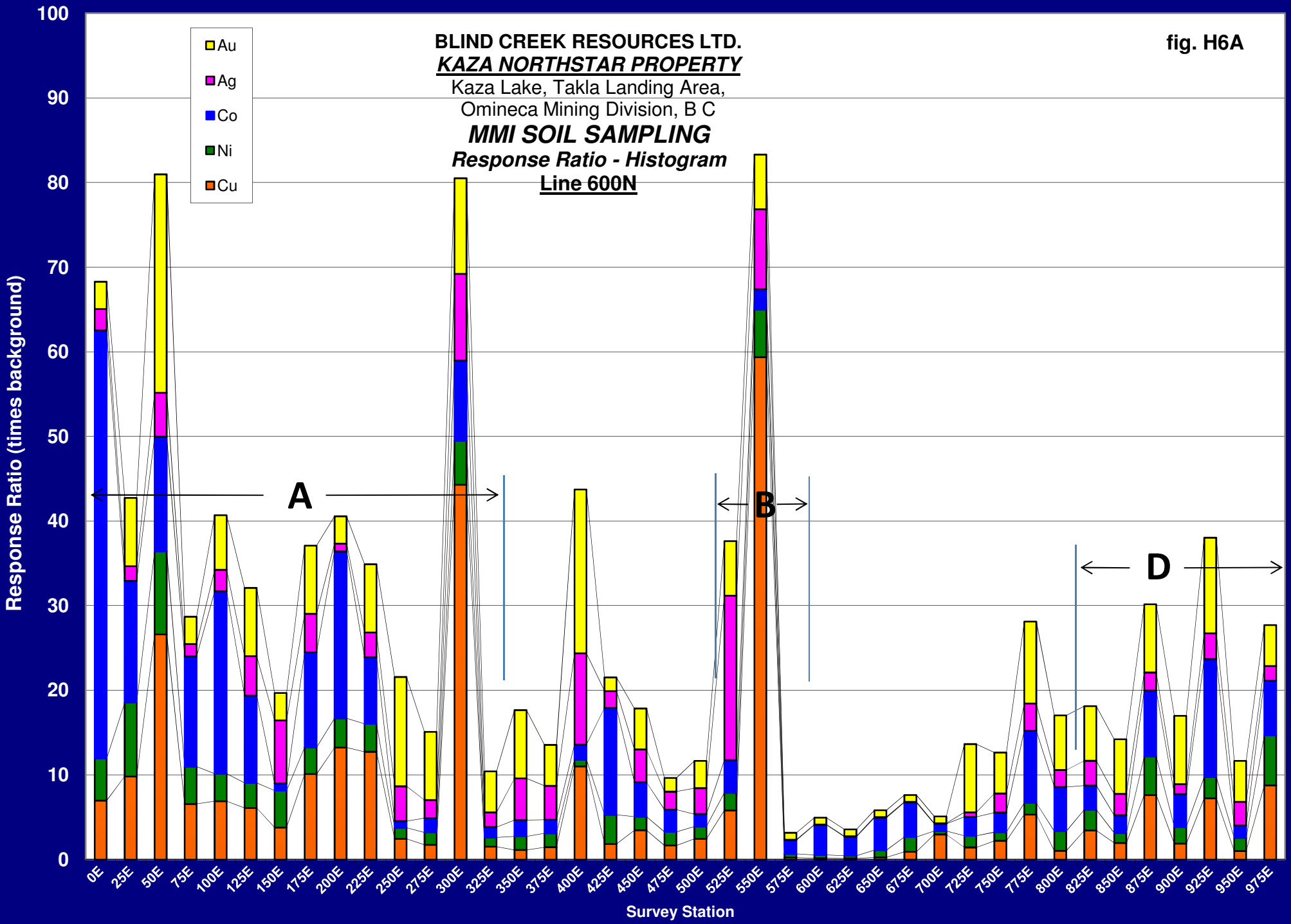


Response Ratio (times background)

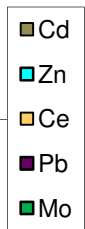


BLIND CREEK RESOURCES LTD.
KAZA NORTHSTAR PROPERTY
 Kaza Lake, Takla Landing Area,
 Omineca Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 600N

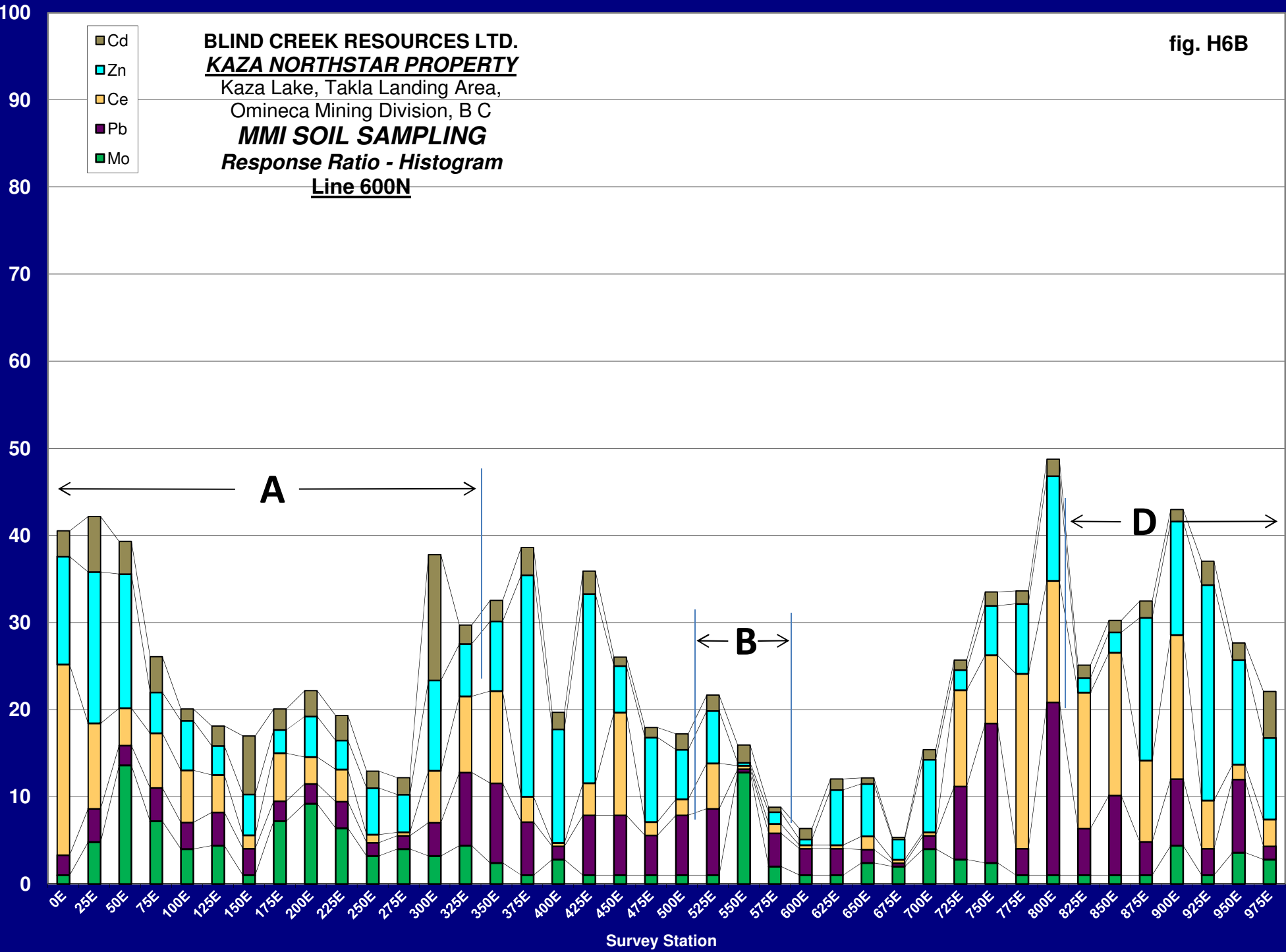
fig. H6A



BLIND CREEK RESOURCES LTD.
KAZA NORTHSTAR PROPERTY
Kaza Lake, Takla Landing Area,
Omineca Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 600N



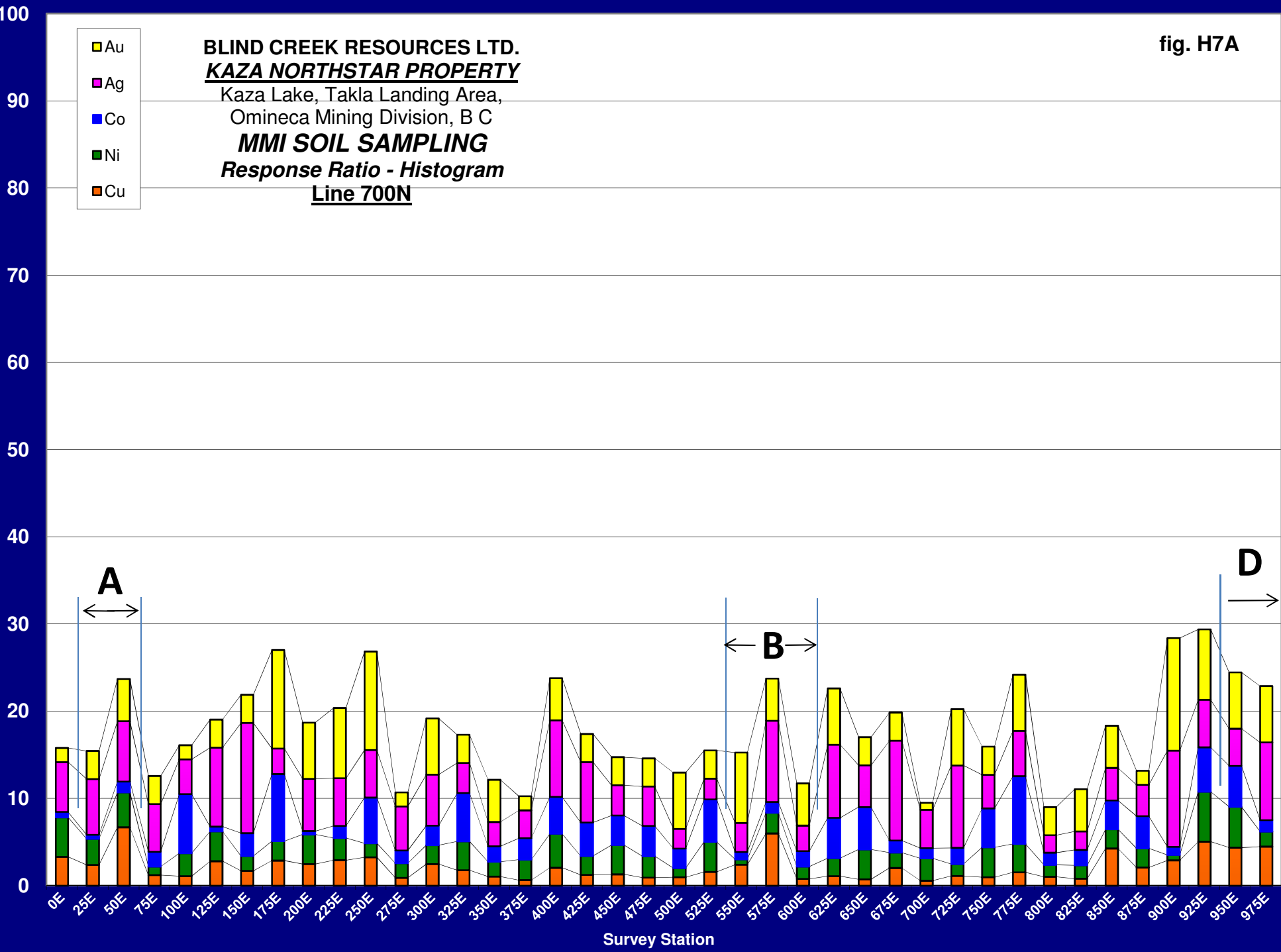
Response Ratio (times background)



BLIND CREEK RESOURCES LTD.
KAZA NORTHSTAR PROPERTY
Kaza Lake, Takla Landing Area,
Omineca Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 700N

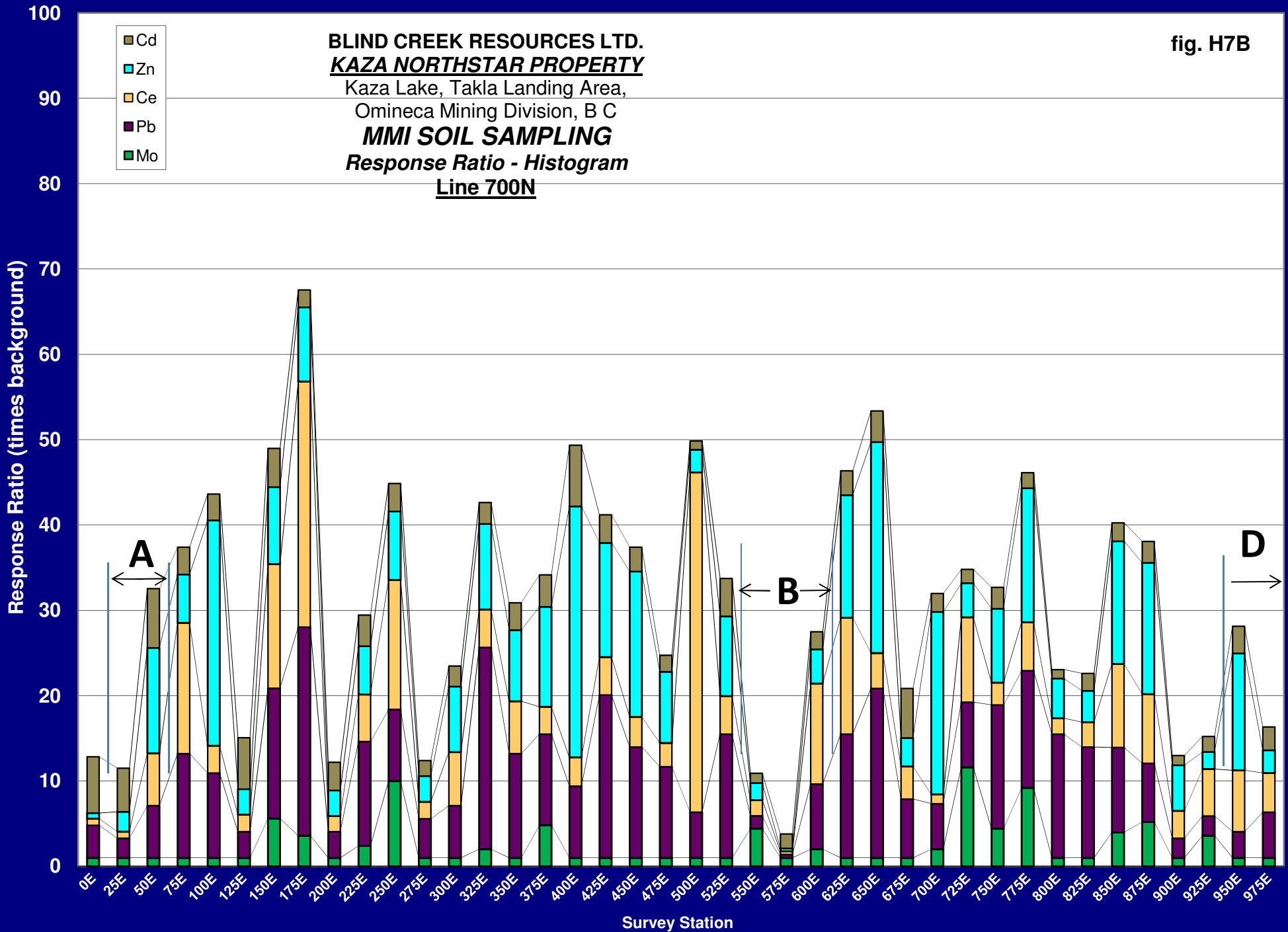
- Au
- Ag
- Co
- Ni
- Cu

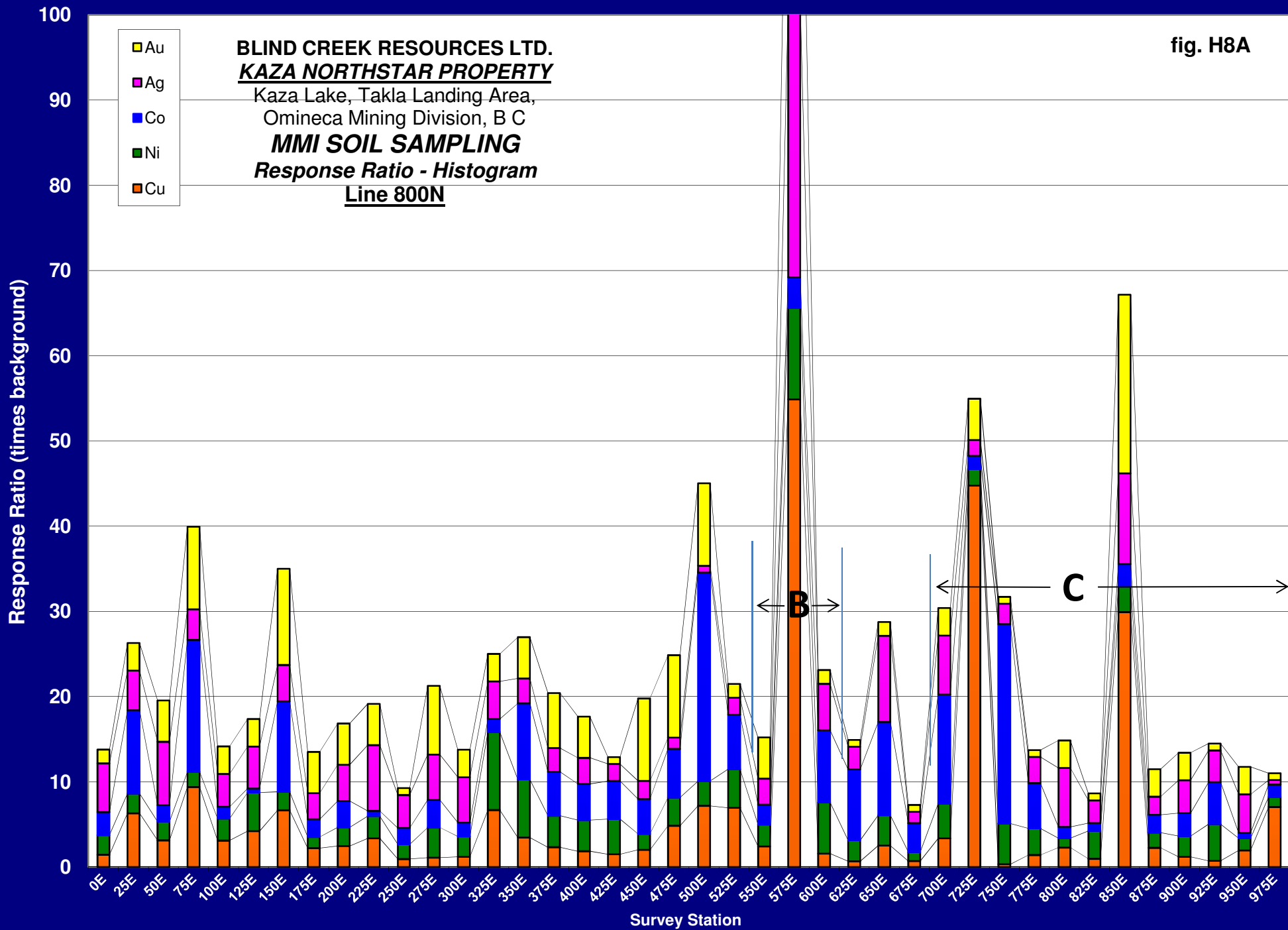
Response Ratio (times background)

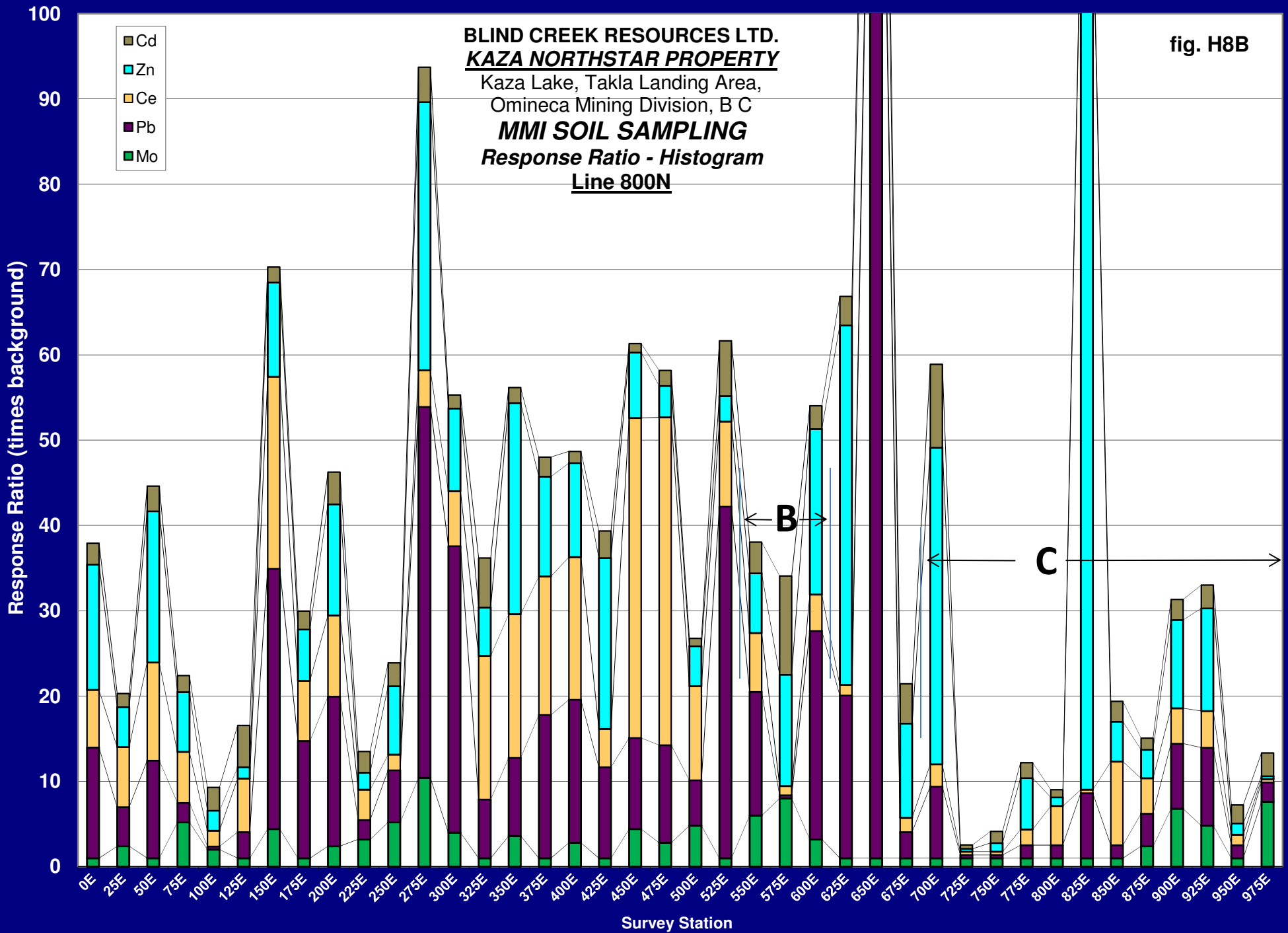


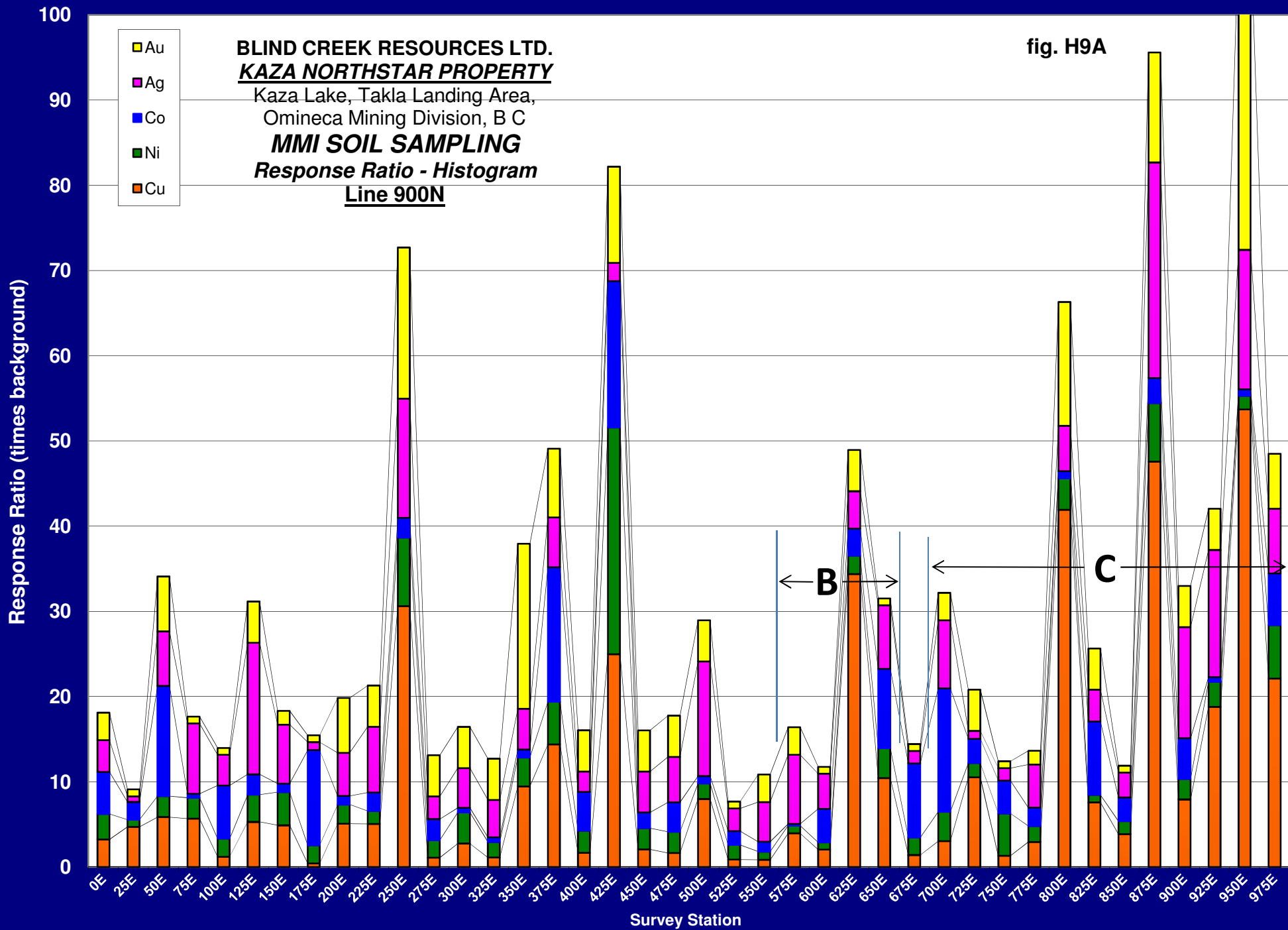
BLIND CREEK RESOURCES LTD.
KAZA NORTHSTAR PROPERTY
 Kaza Lake, Takla Landing Area,
 Omineca Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 700N

fig. H7B









BLIND CREEK RESOURCES LTD.
KAZA NORTHSTAR PROPERTY
 Kaza Lake, Takla Landing Area,
 Omineca Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 900N

fig. H9B

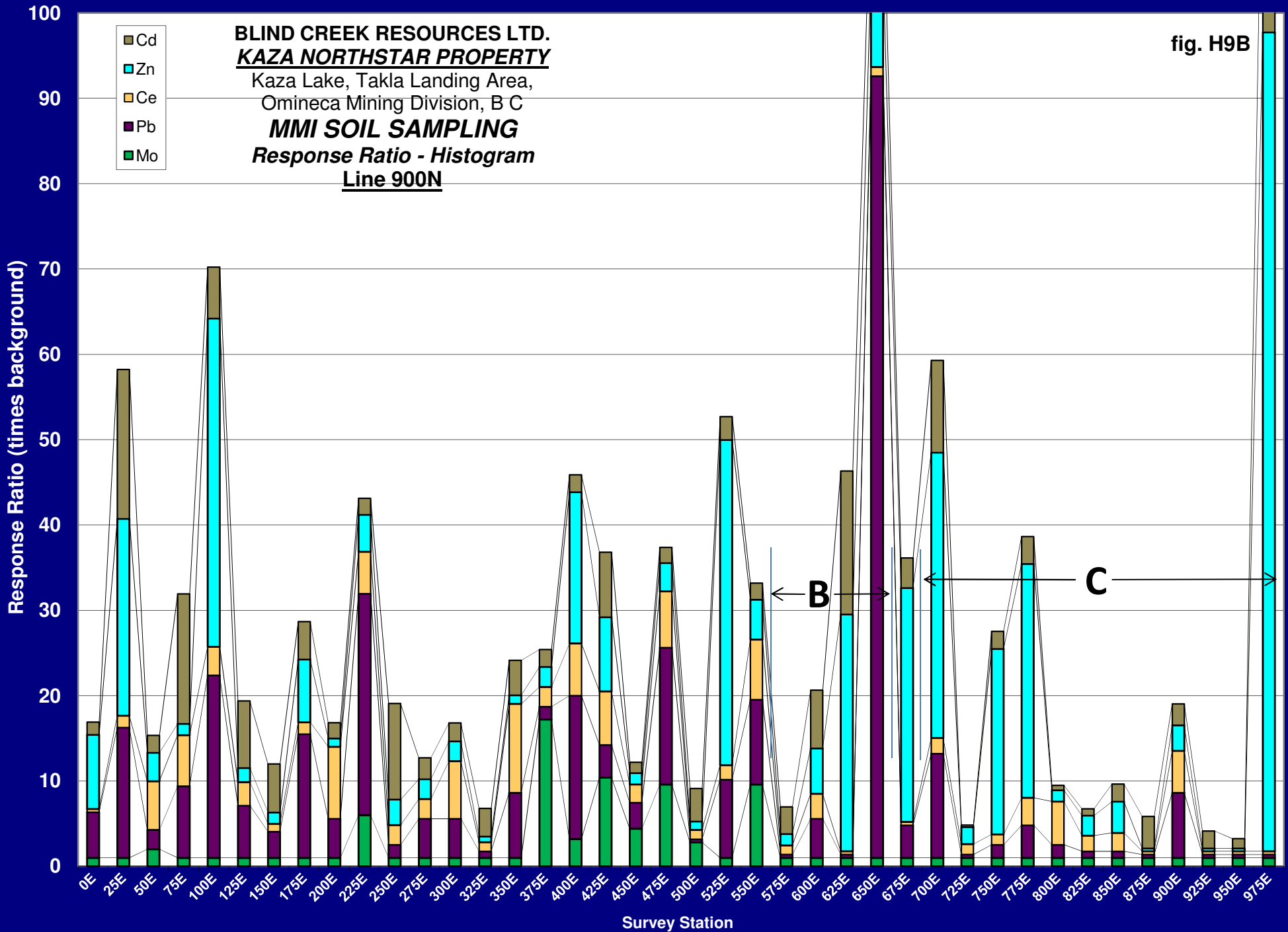
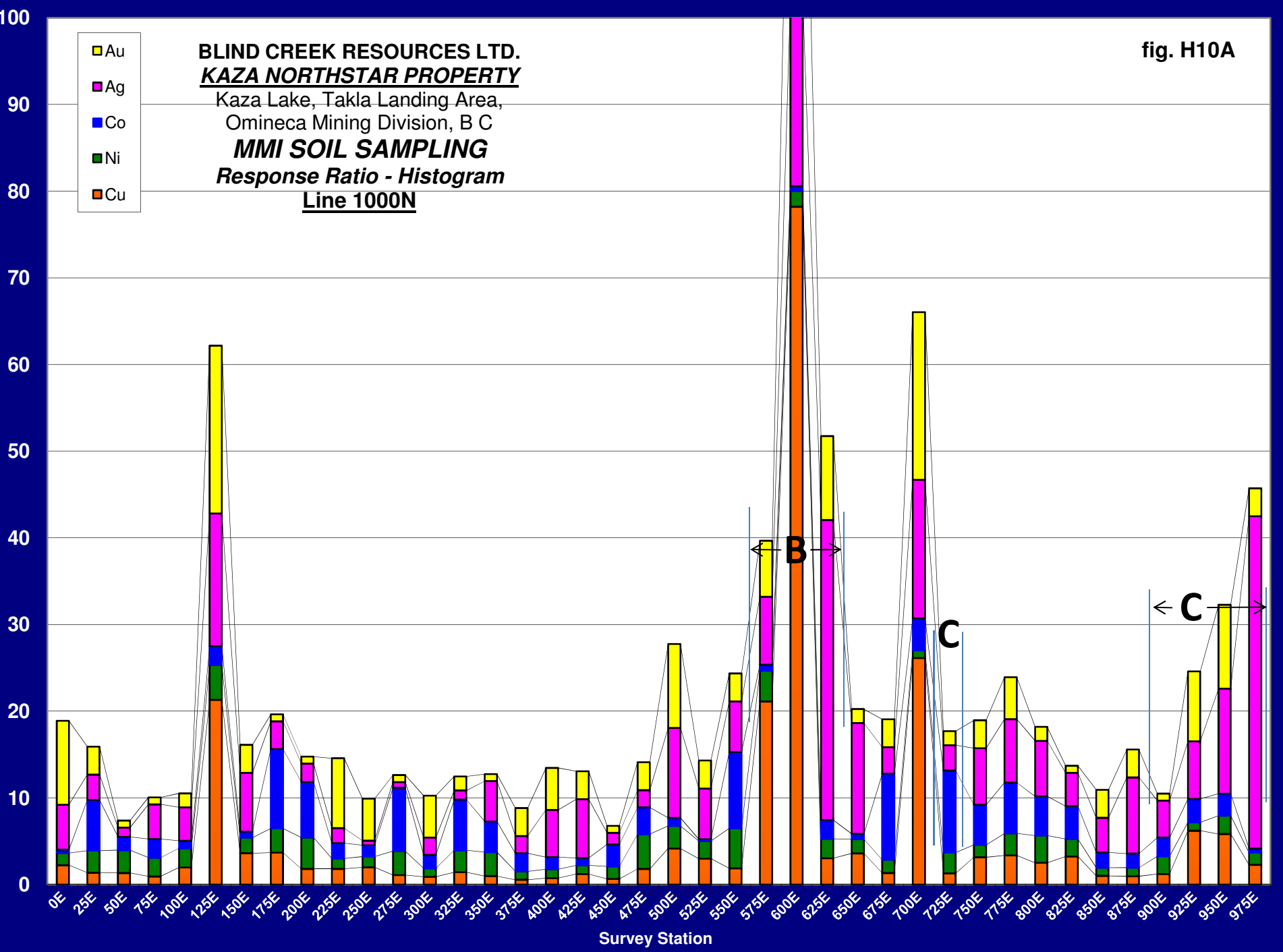


fig. H10A

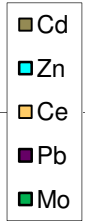
BLIND CREEK RESOURCES LTD.
KAZA NORTHSTAR PROPERTY
Kaza Lake, Takla Landing Area,
Omineca Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 1000N

- Au
- Ag
- Co
- Ni
- Cu

Response Ratio (times background)



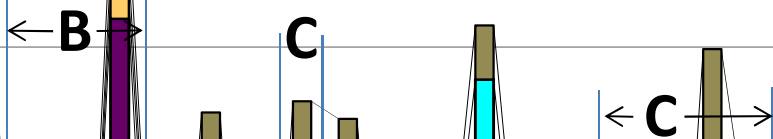
BLIND CREEK RESOURCES LTD.
KAZA NORTHSTAR PROPERTY
Kaza Lake, Takla Landing Area,
Omineca Mining Division, B C
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 1000N

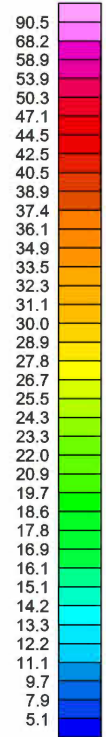
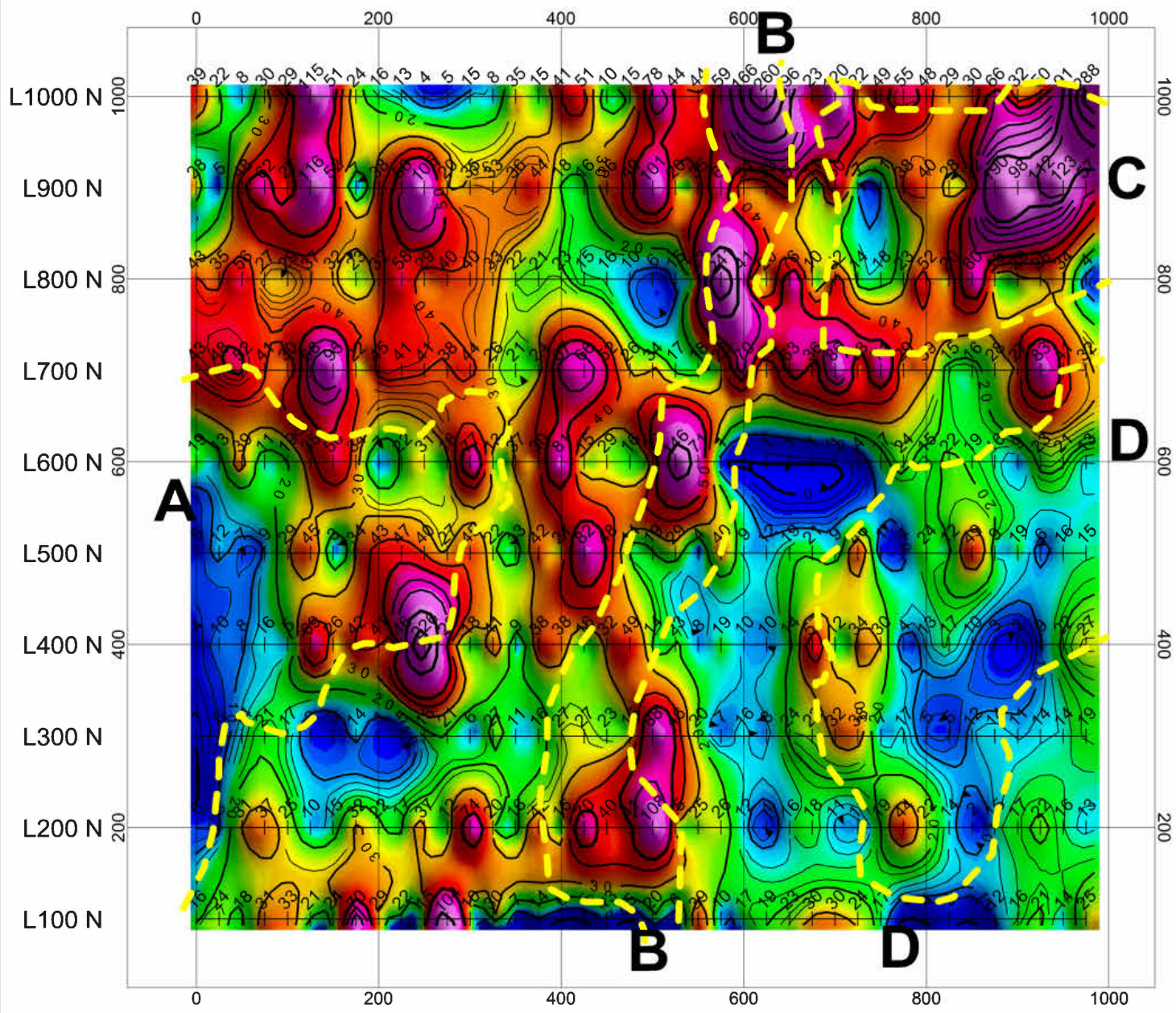


Response Ratio (times background)

0E 25E 50E 75E 100E 125E 150E 175E 200E 225E 250E 275E 300E 325E 350E 375E 400E 425E 450E 475E 500E 525E 550E 575E 600E 625E 650E 675E 700E 725E 750E 775E 800E 825E 850E 875E 900E 925E 950E 975E

Survey Station






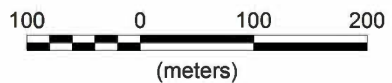
Dates Samples Picked Up:
October 2012

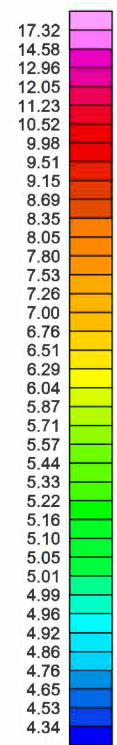
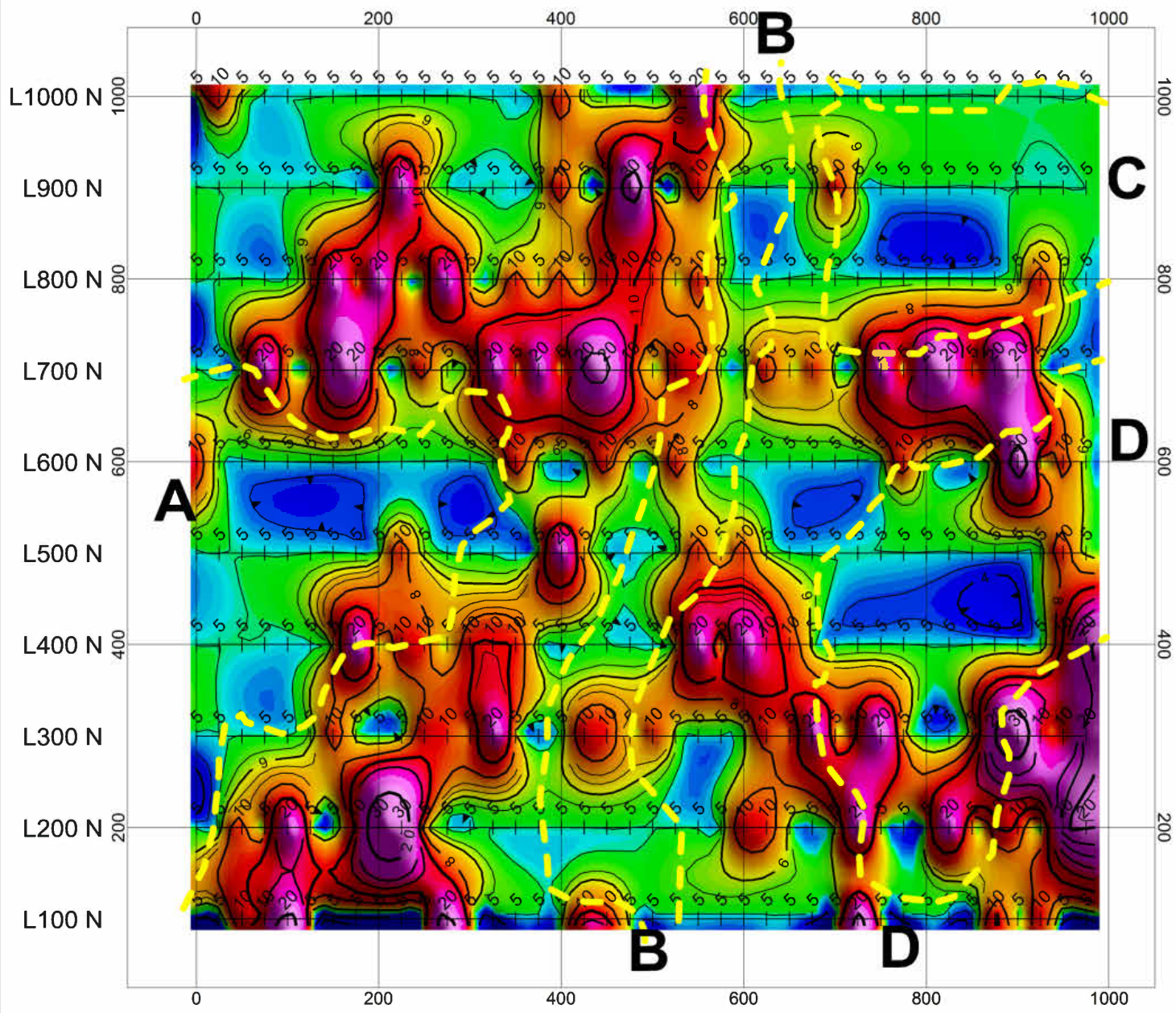
Soils Tested By:
SGS Laboratories, Vancouver, B.C.

Units:
parts per billion (ppb)

B anomaly label

 anomaly outline (copper)





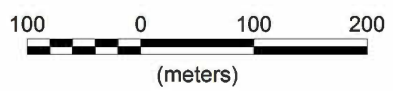
Dates Samples Picked Up:
October 2012

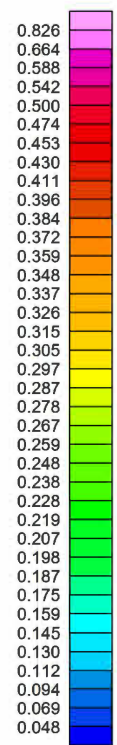
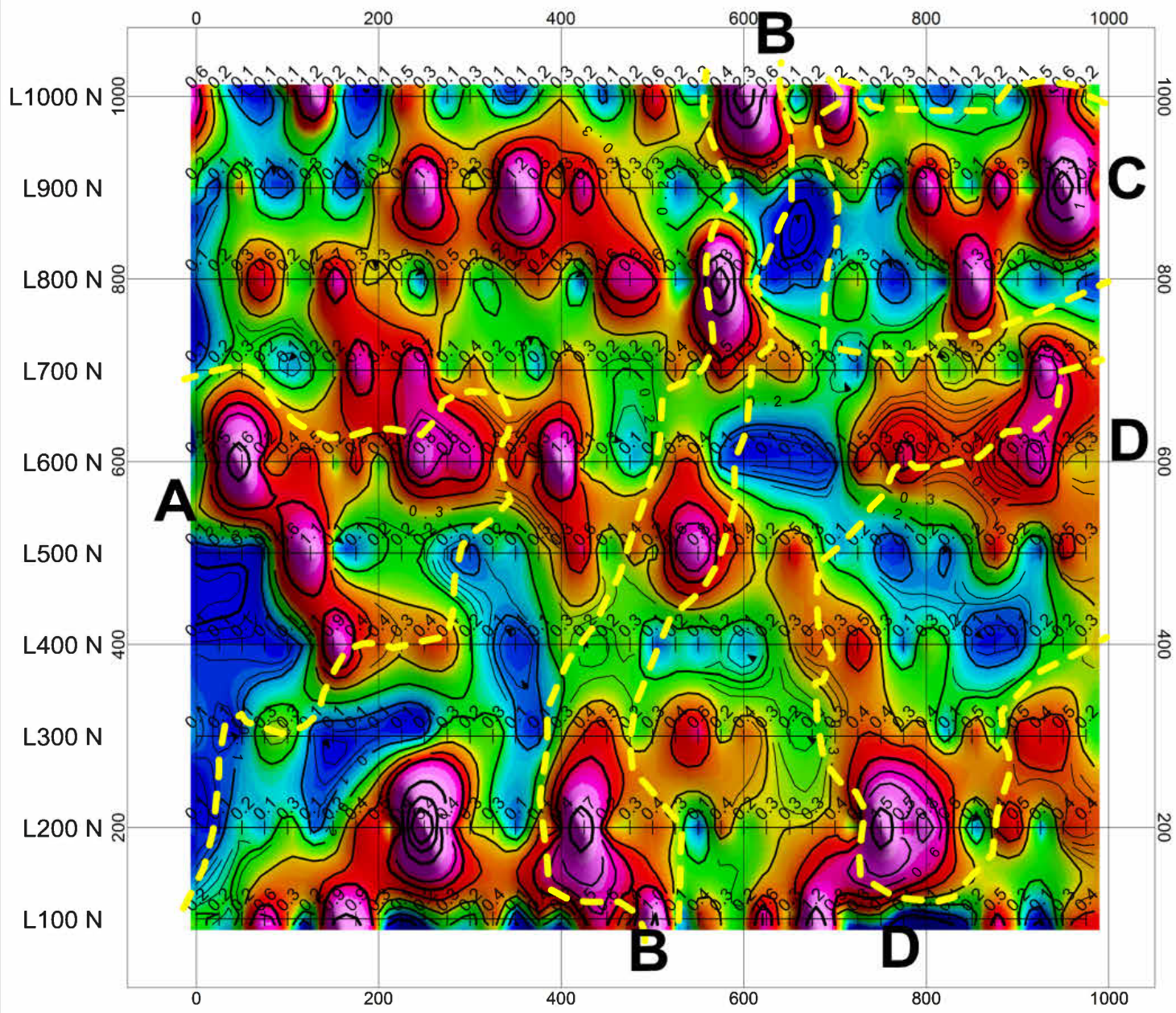
Soils Tested By:
SGS Laboratories, Vancouver, B.C.

Units:
parts per billion (ppb)

B anomaly label

anomaly outline (copper)





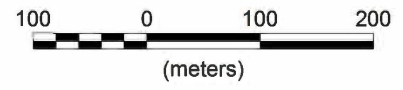
Dates Samples Picked Up:
October 2012

Soils Tested By:
SGS Laboratories, Vancouver, B.C.

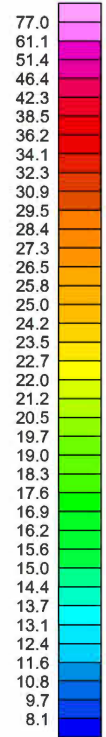
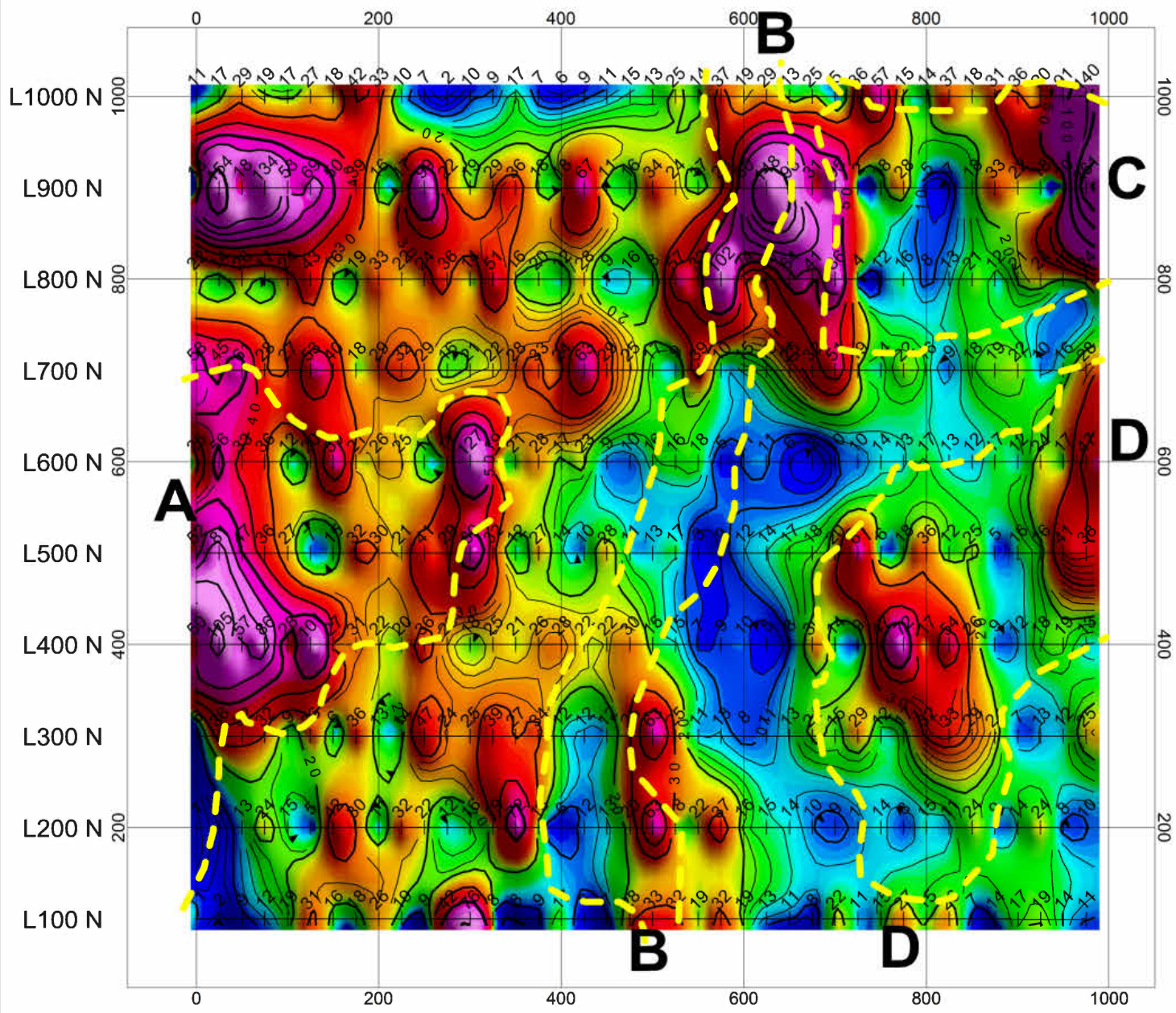
Units:
parts per billion (ppb)

B anomaly label (copper)

anomaly outline



BLIND CREEK RESOURCES LTD.				
KAZA-NORTHSTAR PROPERTY				
KAZA LAKE, TAKLA LANDING AREA, OMINECA MD, BC				
MMI SOIL GEOCHEMISTRY SURVEY CONTOUR PLAN				
GOLD (ppb)				
DRAWN BY: CAM	JOB NO.: 12-22	NTS: 94D/01 93M/16	DATE: OCT 13	FIG NO.: GC-3



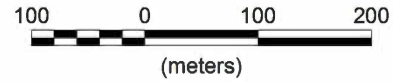
Dates Samples Picked Up:
October 2012

Soils Tested By:
SGS Laboratories, Vancouver, B.C.

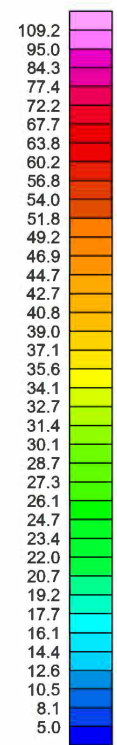
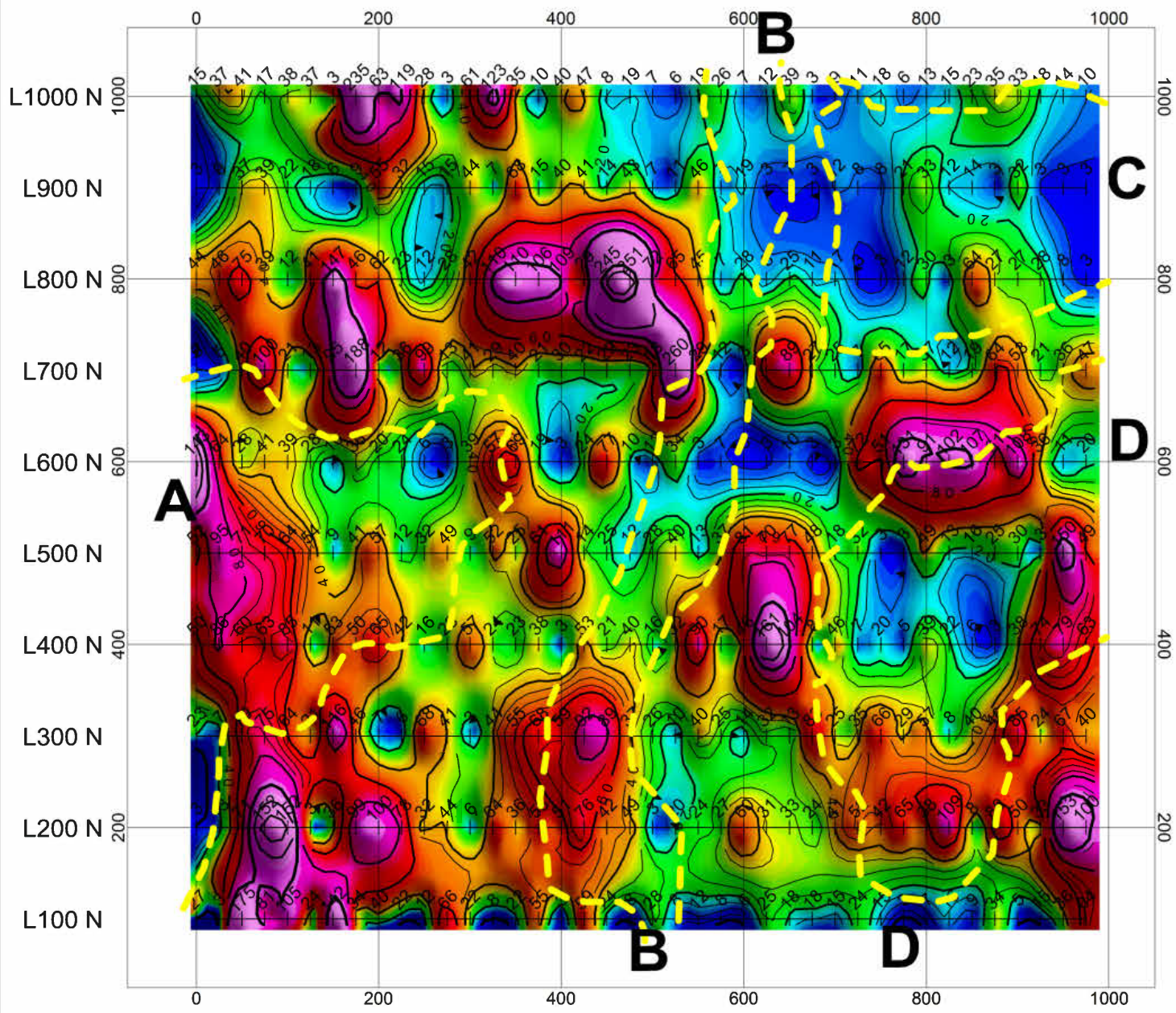
Units:
parts per billion (ppb)

B anomaly label

anomaly outline (copper)



BLIND CREEK RESOURCES LTD.				
KAZA-NORTHSTAR PROPERTY				
KAZA LAKE, TAKLA LANDING AREA, OMINECA MD, BC				
MMI SOIL GEOCHEMISTRY SURVEY CONTOUR PLAN				
CADMIUM (ppb)				
DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
CAM	12-22	94D/01 93M/16	OCT 13	GC-4




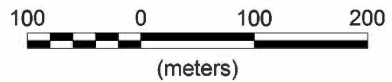
Dates Samples Picked Up:
October 2012

Soils Tested By:
SGS Laboratories, Vancouver, B.C.

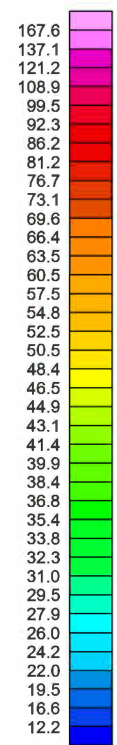
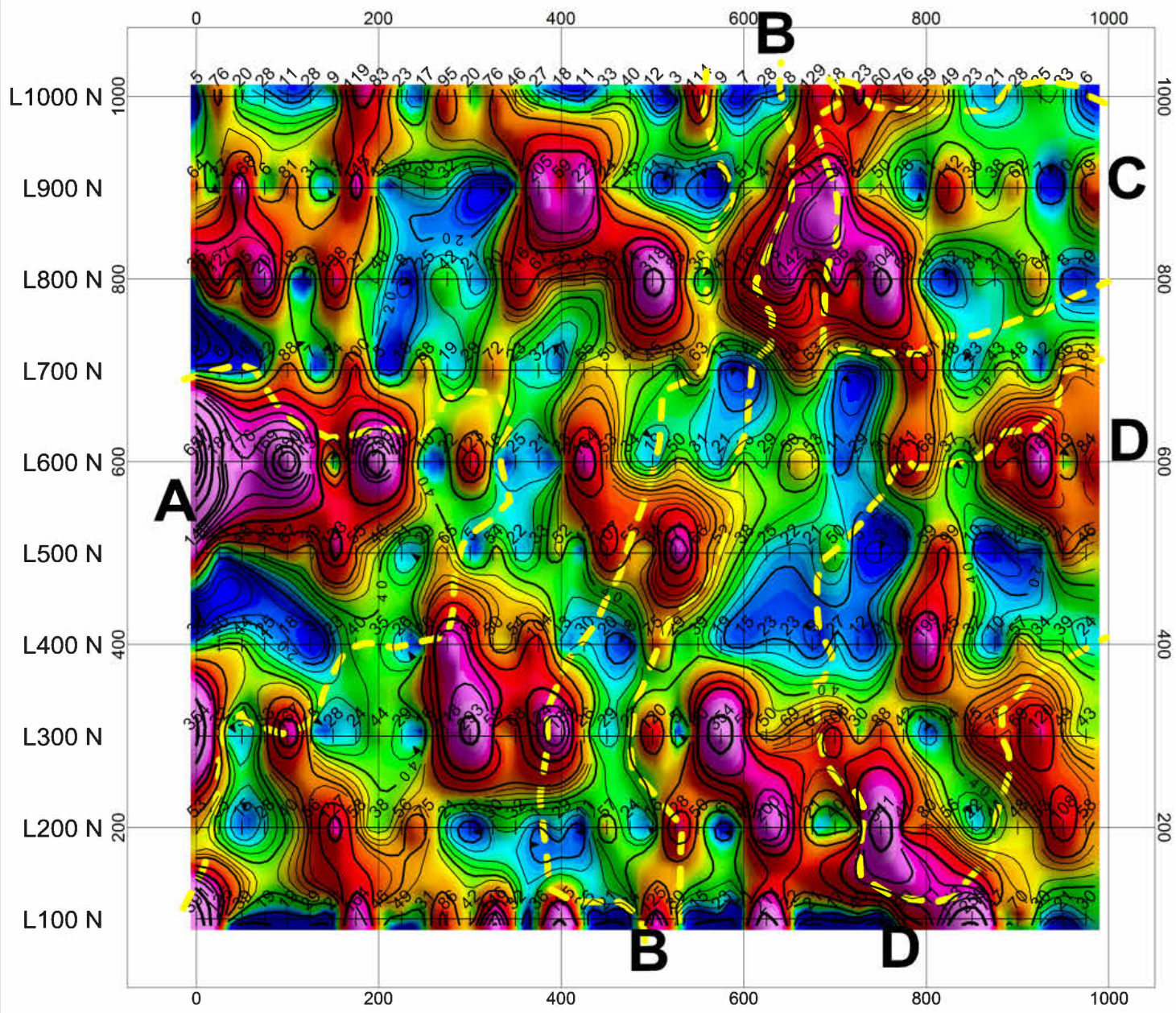
Units:
parts per billion (ppb)

B anomaly label

 anomaly outline (copper)



BLIND CREEK RESOURCES LTD.				
KAZA-NORTHSTAR PROPERTY				
KAZA LAKE, TAKLA LANDING AREA, OMINECA MD, BC				
MMI SOIL GEOCHEMISTRY SURVEY CONTOUR PLAN				
CERIUM (ppb)				
DRAWN BY: CAM	JOB NO.: 12-22	NTS: 94D/01 93M/16	DATE: OCT 13	FIG NO.: GC-5




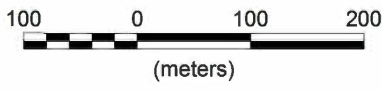
Dates Samples Picked Up:
October 2012

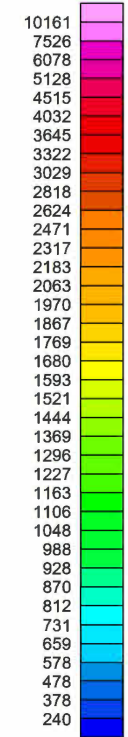
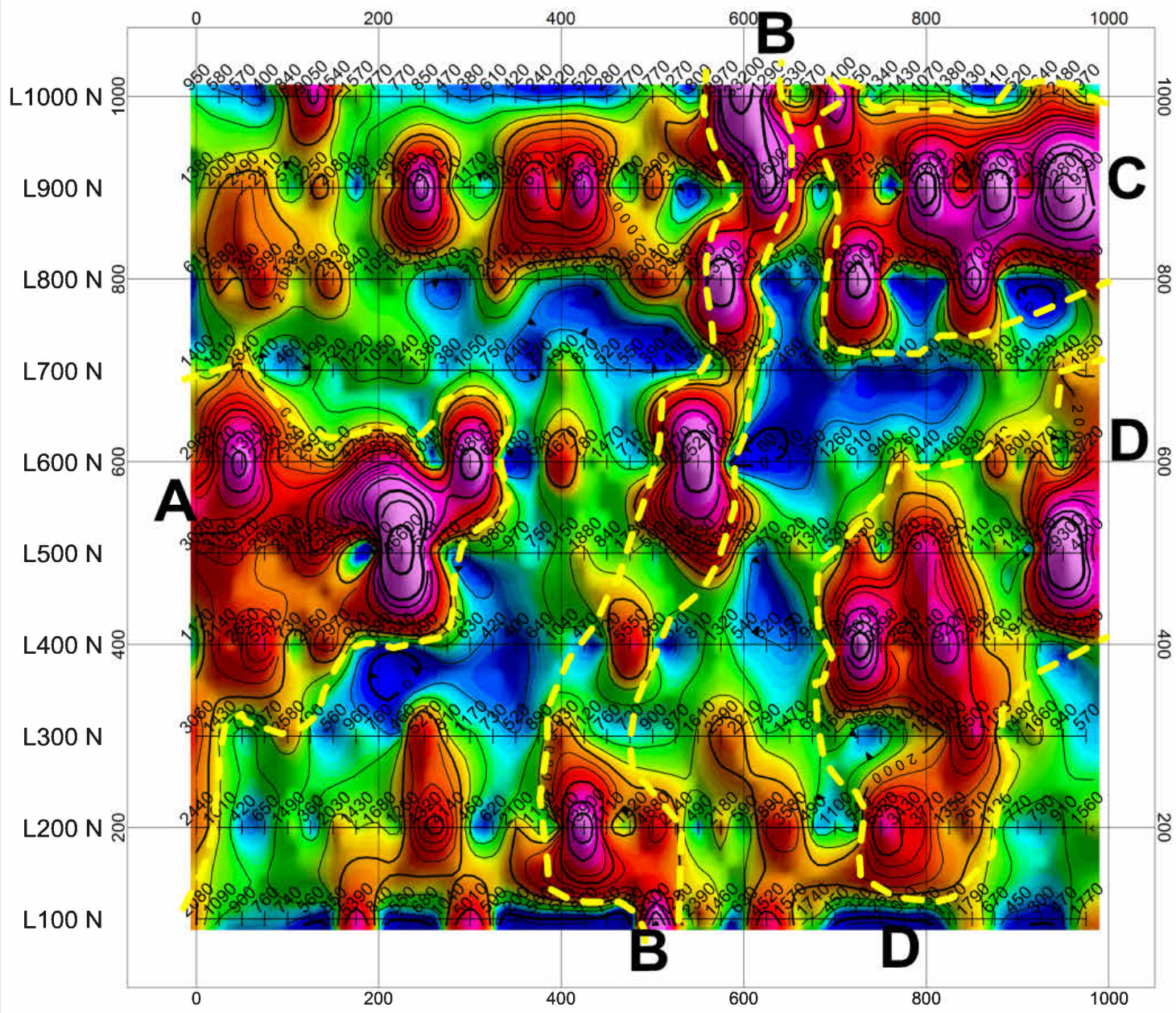
Soils Tested By:
SGS Laboratories, Vancouver, B.C.

Units:
parts per billion (ppb)

B anomaly label

 anomaly outline (copper)





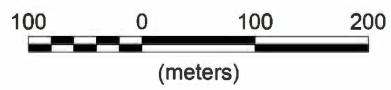
Dates Samples Picked Up:
October 2012

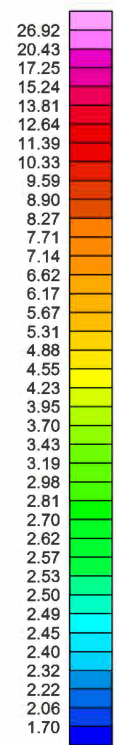
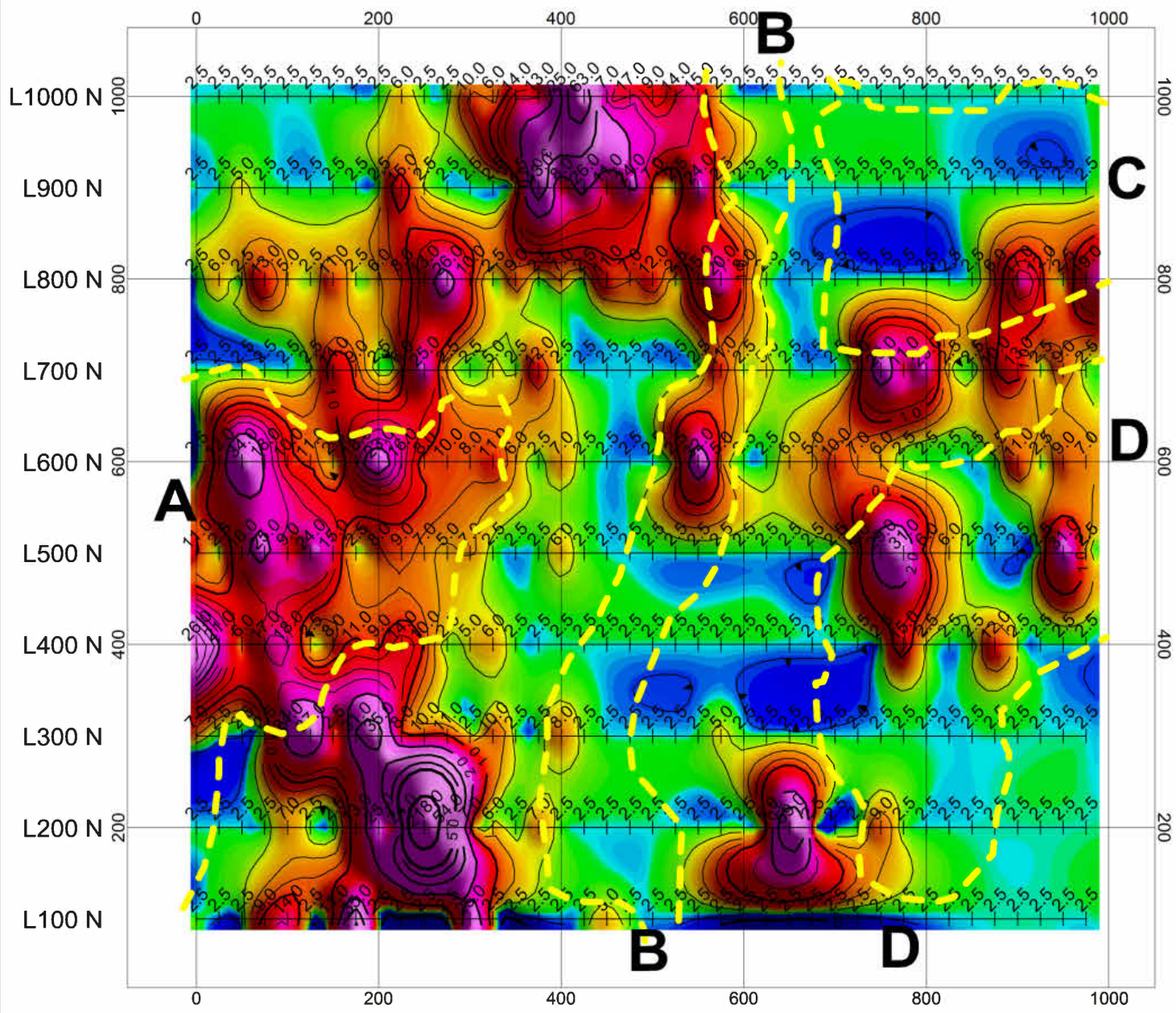
Soils Tested By:
SGS Laboratories, Vancouver, B.C.

Units:
parts per billion (ppb)

B anomaly label

anomaly outline (copper)




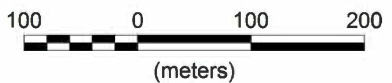


Dates Samples Picked Up:
October 2012

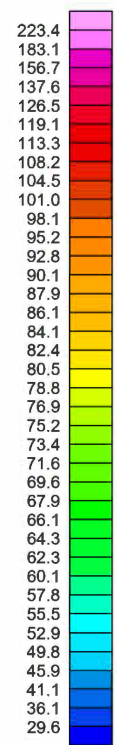
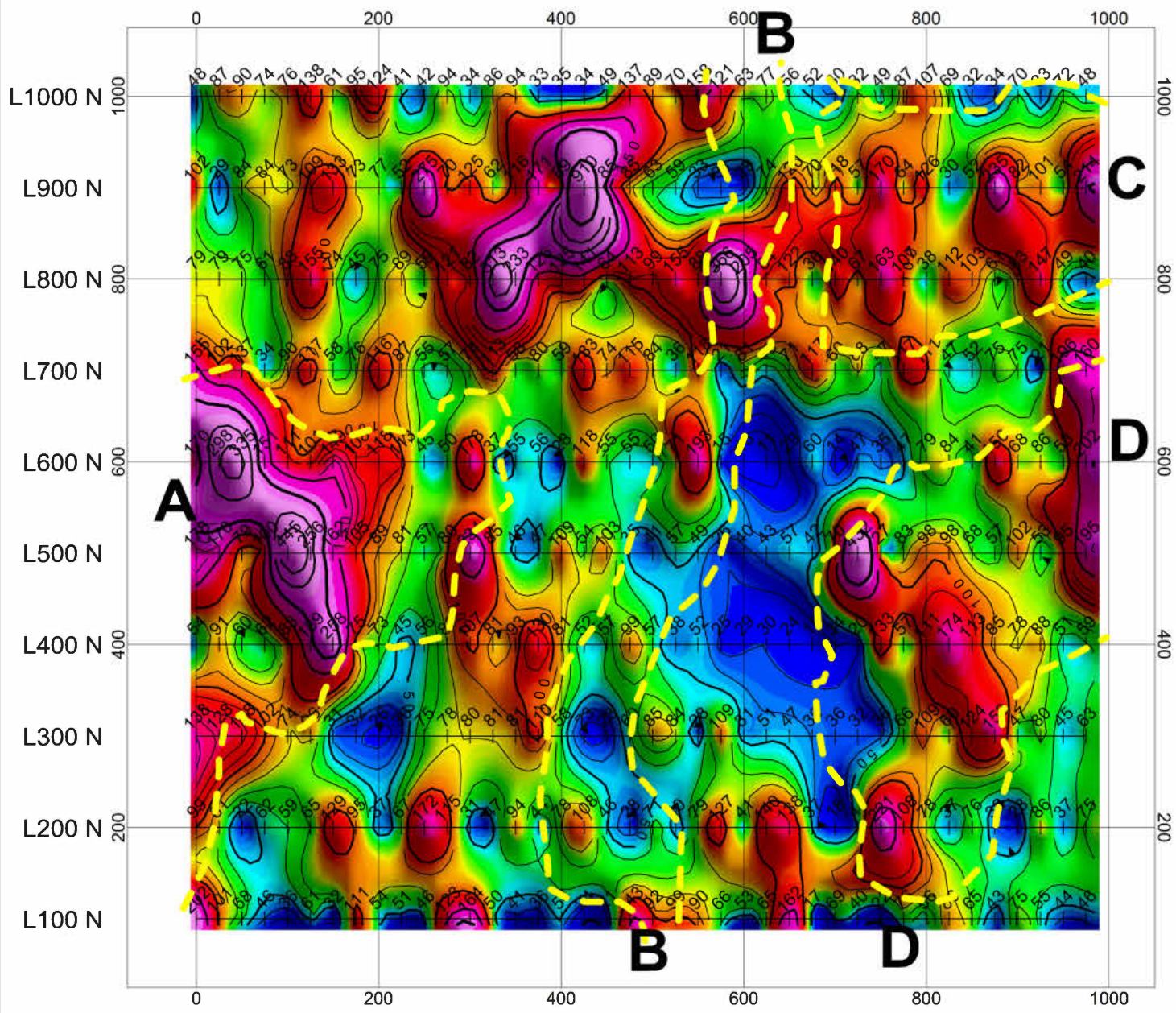
Soils Tested By:
SGS Laboratories, Vancouver, B.C.

Units:
parts per billion (ppb)

B anomaly label
 anomaly outline (copper)



BLIND CREEK RESOURCES LTD.				
KAZA-NORTHSTAR PROPERTY				
KAZA LAKE, TAKLA LANDING AREA, OMINECA MD, BC				
MMI SOIL GEOCHEMISTRY SURVEY CONTOUR PLAN				
MOLYBDENUM (ppb)				
DRAWN BY: CAM	JOB NO.: 12-22	NTS: 94D/01 93M/16	DATE: OCT 13	FIG NO.: GC-8




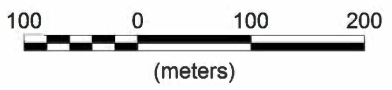
Dates Samples Picked Up:
October 2012

Soils Tested By:
SGS Laboratories, Vancouver, B.C.

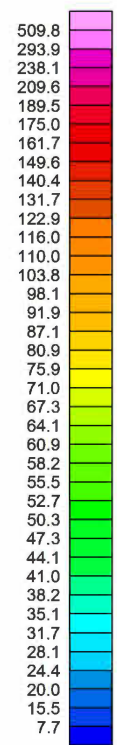
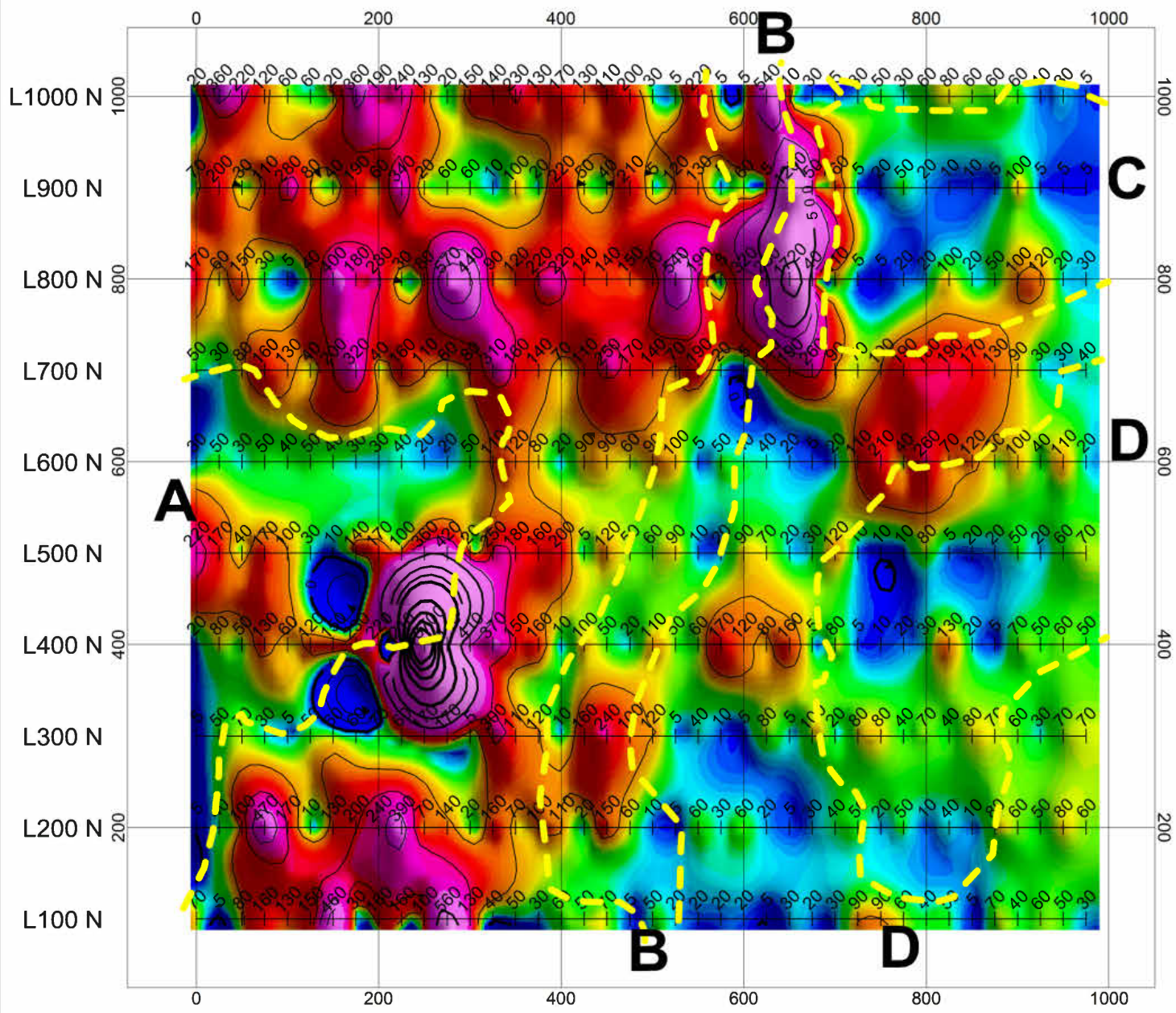
Units:
parts per billion (ppb)

B anomaly label

 anomaly outline (copper)



BLIND CREEK RESOURCES LTD.				
KAZA-NORTHSTAR PROPERTY				
KAZA LAKE, TAKLA LANDING AREA, OMINECA MD, BC				
MMI SOIL GEOCHEMISTRY SURVEY CONTOUR PLAN				
NICKEL (ppb)				
DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
CAM	12-22	94D/01 93M/16	OCT 13	GC-9

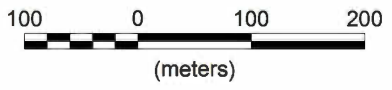


Dates Samples Picked Up:
October 2012

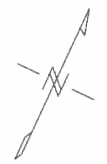
Soils Tested By:
SGS Laboratories, Vancouver, B.C.

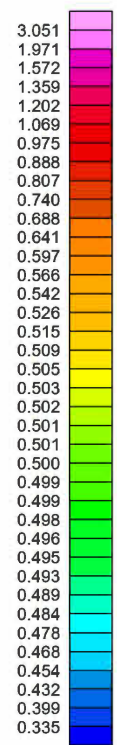
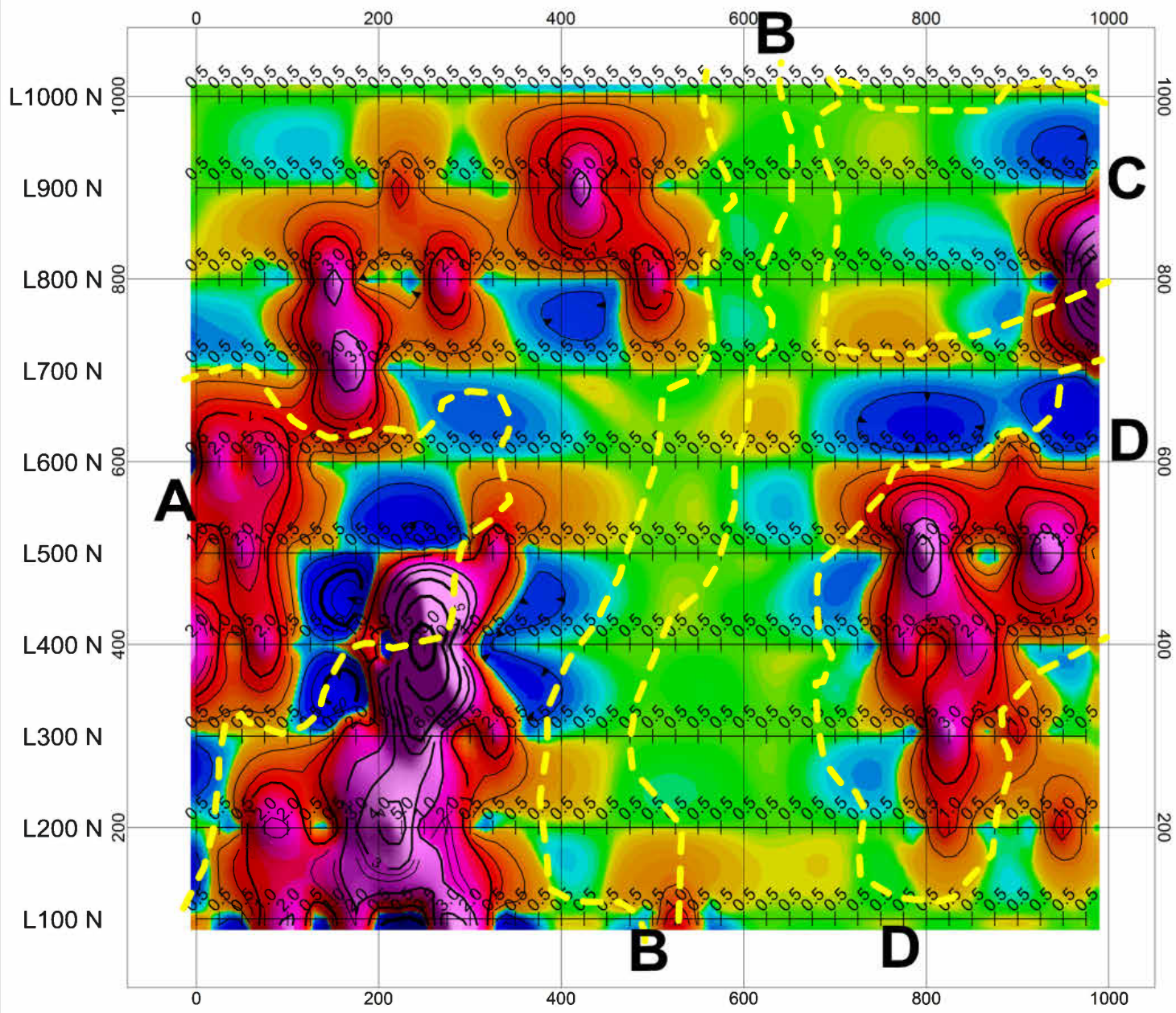
Units:
parts per billion (ppb)

B anomaly label
 anomaly outline (copper)



BLIND CREEK RESOURCES LTD.				
KAZA-NORTHSTAR PROPERTY				
KAZA LAKE, TAKLA LANDING AREA, OMINECA MD, BC				
MMI SOIL GEOCHEMISTRY SURVEY CONTOUR PLAN				
LEAD (ppb)				
DRAWN BY: CAM	JOB NO.: 12-22	NTS: 94D/01 93M/16	DATE: OCT 13	FIG NO.: GC-10



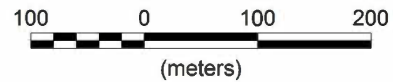


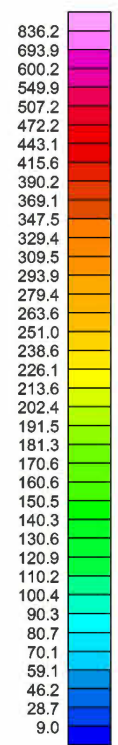
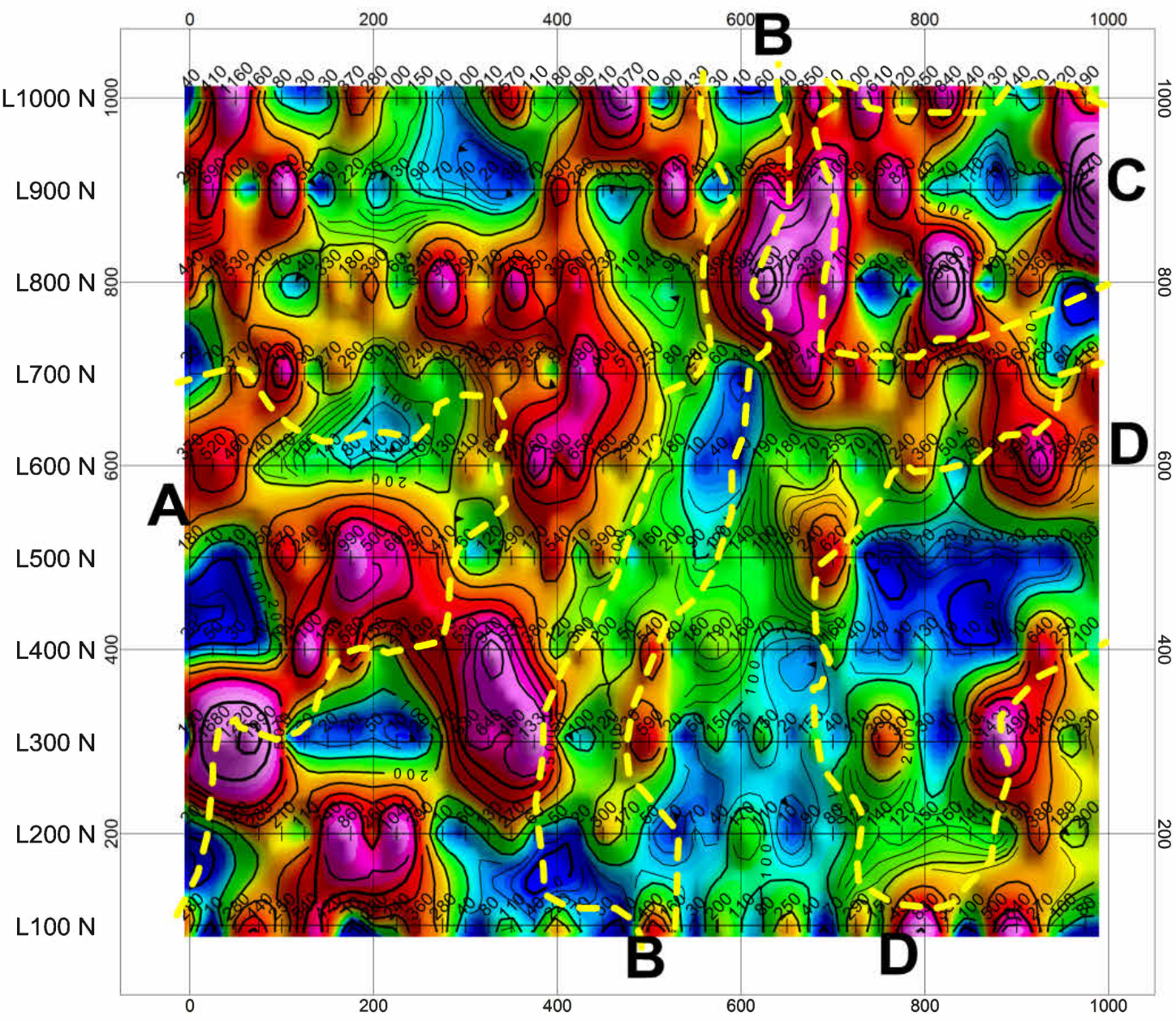
Dates Samples Picked Up:
October 2012

Soils Tested By:
SGS Laboratories, Vancouver, B.C.

Units:
parts per billion (ppb)

B anomaly label
 anomaly outline (copper)




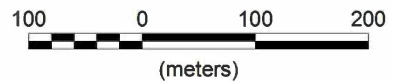


Dates Samples Picked Up:
October 2012

Soils Tested By:
SGS Laboratories, Vancouver, B.C.

Units:
parts per billion (ppb)

B anomaly label
 anomaly outline (copper)



BLIND CREEK RESOURCES LTD.				
KAZA-NORTHSTAR PROPERTY				
KAZA LAKE, TAKLA LANDING AREA, OMINECA MD, BC				
MMI SOIL GEOCHEMISTRY SURVEY CONTOUR PLAN				
ZINC (ppb)				
DRAWN BY: CAM	JOB NO.: 12-22	NTS: 94D/01 93M/16	DATE: OCT 13	FIG NO.: GC-12