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WORK REPORT: PHASE 3 SURFACE EXPLORATION

KELLY PROPERTY

(Kukagami Lake Intrusion)

KELLY TOWNSHIP

SUDBURY MINING DIVISION, ONTARIO

Mining Claims: 1230126, 1230127 & 1229730

Original: October 28th, 2000Revised: February 23rd, 2001

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MAP POCKETS: PSK00-01 (1:5000 scale) property/claim map; PSK00-02 (1:2500 scale) grid/geology map
PSK00-03 (1:2500 scale) sample locations; PSK00-04 (1:2500 scale) geophysical targets

SUMMARY

This report presents a work summary on the **third phase** of surface exploration on the **Kelly Property**, Sudbury Mining Division, north-central Ontario, Canada. The property is located about 50 km northeast of the City of Sudbury, in the northern half of Kelly Township (Figure 1). The current exploration program is in partial fulfillment of an option agreement between Goldwright Explorations Inc. (optioner) and the optionee Pacific North West Capital Corp. (PFN) and their joint-venture partner Anglo American Platinum Corporation Ltd. (Anglo Platinum).

The Kelly Property has the potential to host economic accumulations of platinum (Pt), palladium (Pd) and gold (Au) metals in association with copper (Cu) - nickel (Ni) sulphides. Moreover, this property is proximal to several other highly prospective Pt-Pd-Cu-Ni properties that are currently being explored by PFN. PFN reported several highly anomalous diamond drill intersections from its Janes Property, one of which returned 3.4 g/t Pt+Pd+Au, 0.57% Cu and 0.33% Ni over an approximate true width of 8.2 m.

At the Kelly Property, Platinum-Group metals (PGM=Pt+Pd+Au) and Cu-Ni sulphide (chalcopyrite, pyrrhotite, pentlandite) occur primarily as disseminations and blebs in medium-grained, relatively homogenous hypersthene-bearing gabbroic rocks of Nipissing Diabase. The main sulphide showing is exposed over an approximately 30 m x 50 m area and there are several sulphide showings located within 10s to 100s of meters of the main showing (Figure 3).

Previous work completed during the Phase 1 and 2 exploration programs included: (1) an 11 km ground magnetometer survey over an anomaly located under Kukagami Lake; (2) a 15 km exploration grid (land) connecting the main areas of known surface sulphide mineralisation; (3) prospecting, general geological mapping and sampling over the grid area; (4) reconnaissance prospecting and sampling outside of the main grid area and along strike of known mineralisation; (5) clearing, power washing, trenching and blasting in the area of the main showing (approximately 50 m x 30 m area); (6) detailed sampling of the cleared area at the main showing; and, (7) a 9.35 km surface induced-polarization survey.

The **current Phase 3 work** included: (1) establishing an additional 11.06 km exploration grid; (2) prospecting, general geological mapping and sampling over the grid area; (3) ground-truthing surface induced-polarization anomalies delineated in the Phase 2 survey; and, (4) reconnaissance prospecting and sampling outside of the main grid area and along strike of known mineralisation. Observations made during Phase 3 prospecting and mapping suggest that known mineralisation is hosted by an east-west striking, massive, hypersthene-bearing gabbro unit that extends for >1000 m along the northern edge of the Kukagami Lake intrusion (Figure 3). This gabbro unit dips 40° south with the mineralisation occurring 50-100 m above the basal contact or northern margin.

Results from the Phase 3 program are encouraging. The highest single PGM and base metal concentration is from grab sample KDL-07, a medium-grained gabbro that assayed 1.68 g/t Pt+Pd+Au, 0.58% Cu, and 0.24%Ni. Lithogeochemical stratigraphic sections indicate the possibility for a second zone of sulphide mineralisation approximately 250 m south or up-stratigraphy from the Main Showing. An oxide-bearing gabbro unit, located about 50 m south and up-stratigraphy of the Main Showing, assayed 184 ppb 3E (KDL-17) and 217 ppb 3E (KDL-18). These areas and their stratigraphic "height" equivalents along strike to the east and west, should be investigated further.

On the basis of the Phase 3 surface work program, it is recommended that a further Phase 4 program (\$13,500) be completed in order to delineate potential diamond drilling targets.

1.0 INTRODUCTION

The Kelly Property, centered at 5170075mN and 530065mE (NTS 41I/NE), consists of 5 unpatented mining claim blocs that cover the northern part of the Kukagami Lake intrusion in Kelly Township, Sudbury Mining Division, Ontario (Figures 1 and 2). This property is one of several projects in the area that is currently under option to Pacific North West Capital Corp. (Vancouver) by Goldwright Explorations Inc. (Sudbury).

The property lies within the Southern Geological Province of the Canadian Shield and is one of several properties in the area that has potential to host economic concentrations of platinum-group metals, copper and nickel that is spatially associated with Nipissing Diabase (gabbro) intrusive rocks. Sporadic exploration work from the early 1950's to present, including ongoing exploration work in the immediate area by Goldwright Explorations Inc. and Pacific North West Capital Corp., and regional geological mapping by the Ontario Geological Survey has identified sulphide mineralisation in the area that is of potential economic interest.

A Phase 3 surface exploration program was completed between July 1st and October 28th, 2000. The program included: (1) establishing an additional 11.06 km exploration grid; (2) prospecting, general geological mapping and sampling over the grid area; (3) ground-truthing surface induced-polarization (I.P.) anomalies delineated in the Phase 2 survey; and, (4) reconnaissance prospecting and sampling outside of the main grid area and along strike of known mineralisation. Work during the present program concentrated on mining claims S-1230126, S-1230127 and S-1229730. **This project was aimed at discovering new areas of sulphide mineralisation and increasing the understanding of the geochemical characteristics of the Kukagami Lake intrusion through surface sampling and lithogeochemical traverses.**

2.0 LOCATION & ACCESSIBILITY

The Kelly Property is located immediately east of Kukagami Lake in Kelly Township, about 50 km northeast of Sudbury (Figures 1 and 2). The property is currently accessible via the Kukagami Road, north from Hwy. #17, then by boat from Sportsman's Lodge on the south-west shore of Kukagami Lake.

3.0 CLAIM STATUS

Goldwright Explorations Inc. holds 100% title to 5 unpatented mining claim blocs in Kelly Township, located about 50 km east of the City of Sudbury, Ontario (Figure 2; Table 1).

Table 1. Claim status of the Kelly Property.

Claim No.	Due Date	Assessment	No. Claim Units	Area (ha)
S-1229730*	Dec. 19, 2000	\$6,400	16	256
S-1230126*	Oct. 28, 2000	\$6,400	16	256
S-1230127*	Oct. 28, 2000	\$6,400	16	256
S-1231003	June 23, 2001	\$6,400	16	448
S-1231006	June 23, 2001	\$6,400	16	256
TOTALS:		\$32,000	80	1280

*current report applies to these claims; the *J. Whalen Prospect* or main showing is located on claim #1230127

These claims are currently under option to Pacific North West Capital Corp. (Vancouver) and their joint-venture partners Anglo American Platinum Corporation Ltd. (Anglo Platinum).

4.0 REGIONAL GEOLOGY

The **Huronian-Nipissing Magmatic Province** (HNMP) includes intrusive bodies such as the East Bull Lake, Agnew Lake and River Valley Intrusions (*ca.* 2.4 Ga) and younger intrusions (*ca.* 2.2 Ga) of Nipissing Diabase (Gabbro); both intrusive suites are spatially associated with and intrude Early Proterozoic sedimentary rocks of the Huronian Supergroup (*ca.* 2.45 Ga). Northwest-trending olivine gabbro dykes (*ca.* 1.2 Ga) of the Sudbury Swarm crosscut all of the older rock types. To date there are no known economic Ni-Cu-Pt-Pd-Au sulphide deposits associated with Nipissing Diabase. Nonetheless, numerous showings (>50 known) with anomalous PGM values (1-10 g/t PGM) are recorded throughout the HNMP.

Nipissing Diabase comprises about 25% of the outcrop area in the HNMP and consists of dominantly tholeiitic to calc-alkaline rocks that occur in 3 principal forms: (1) sills, dykes and sheets; (2) lopolithic; and, (3) arcuate or cone-shapes. The majority of Nipissing Diabase occurs as near-horizontal sheets or undulating sills, consisting of basins and arches, and dykes that are generally less than 1000 m thick. In this form, disseminated to massive sulphide mineralisation is concentrated within the basin or limb portions with pods of dominantly massive pyrrhotite occurring within the arches.

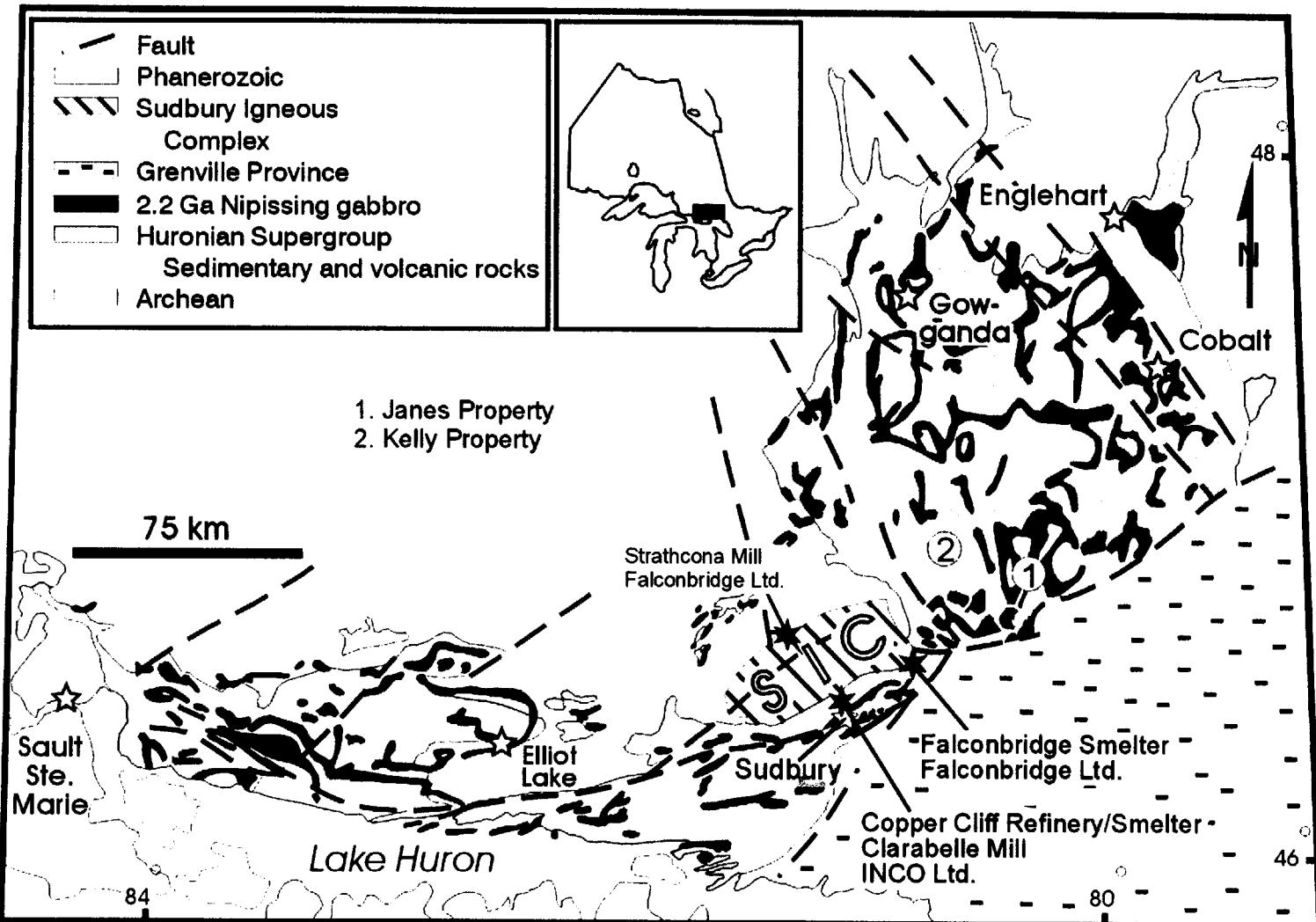


Figure 1. Distribution of Paleoproterozoic (ca. 2.2 Ga) Nipissing Gabbro (Diabase) intrusions in the Southern and Superior Provinces, Ontario, Canada. Also shown are the locations of the Janes and Kelly Cu-Ni-PGE properties (circles) that are associated with Nipissing gabbros in the Sudbury District. The mining facilities of Inco Ltd. and Falconbridge Ltd. are also noted around the Sudbury Igneous Complex (SIC). The KELLY PROPERTY is number 2, located about 50 km northeast of the City of Sudbury.

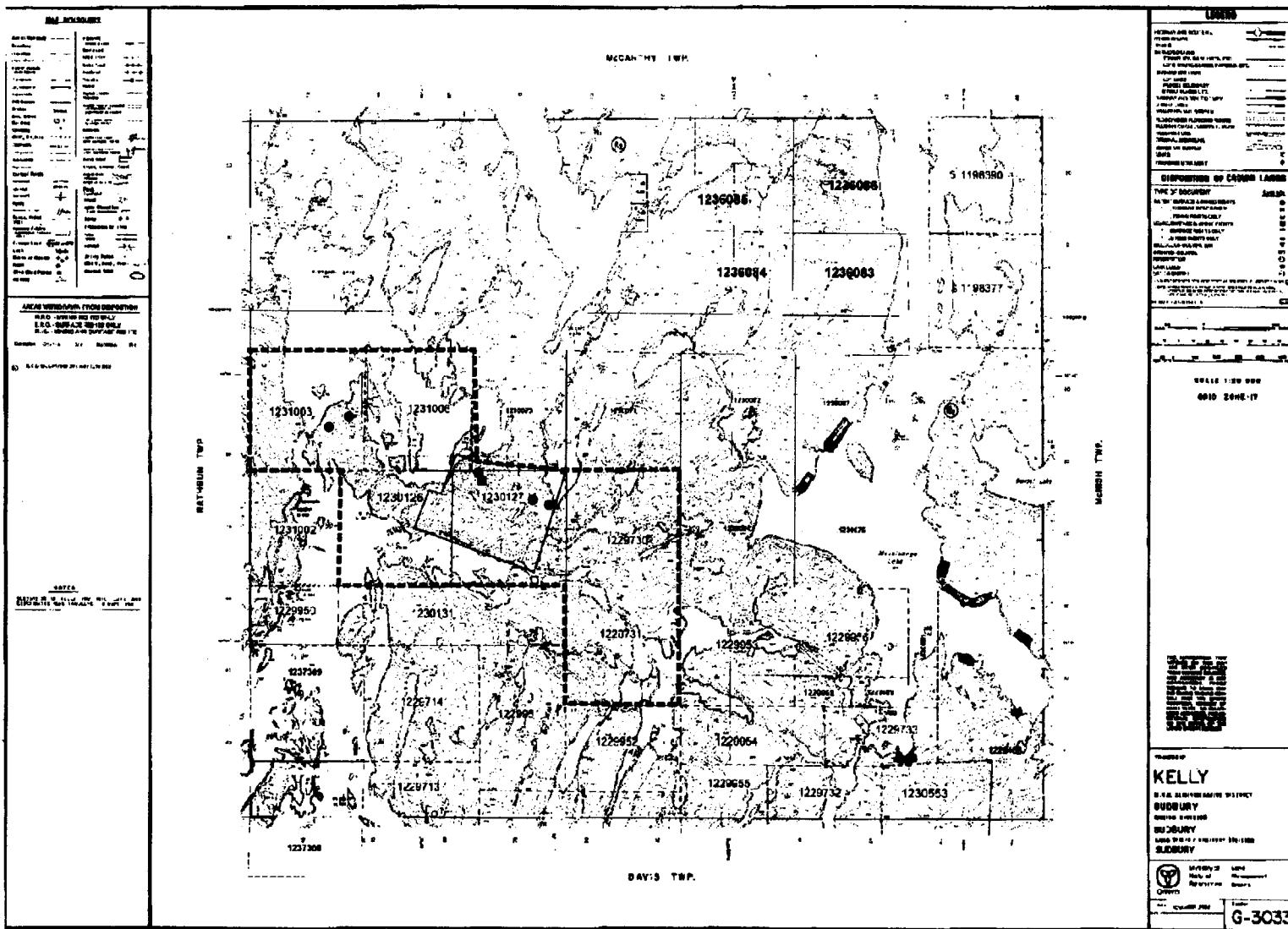


Figure 2. Location of the Kelly Claim Group in Kelly Township, Sudbury Mining Division, Ontario (dashed outline; claim map G-3033). Also shown are the approximate locations of known PGE-bearing sulphide showings (filled circles), the main showing (filled square) and the location of the current exploration grid (dotted outline).

Lopolithic forms outcrop as irregular-shaped intrusions and may represent deeper feeder systems to the stratigraphically higher sill and cone-shaped intrusions. In this form disseminated to semi-massive sulphides are hosted by hypersthene gabbro within tens of meters of the footwall sedimentary rocks and within irregular regions at the footwall contact. **Arcuate** and open ring outcroppings of Nipissing Diabase and structural features of surrounding sedimentary rocks suggest inward-dipping, **cone-shaped intrusions** in which disseminated sulphides hosted by hypersthene gabbro are within a few hundred meters of the basal contact. The **gabbro body on the Kelly property is thought to be a northwest-southeast trending intrusion that forms the northern limb of an extensive arcuate cone-sheet, centred in Davis Township.**

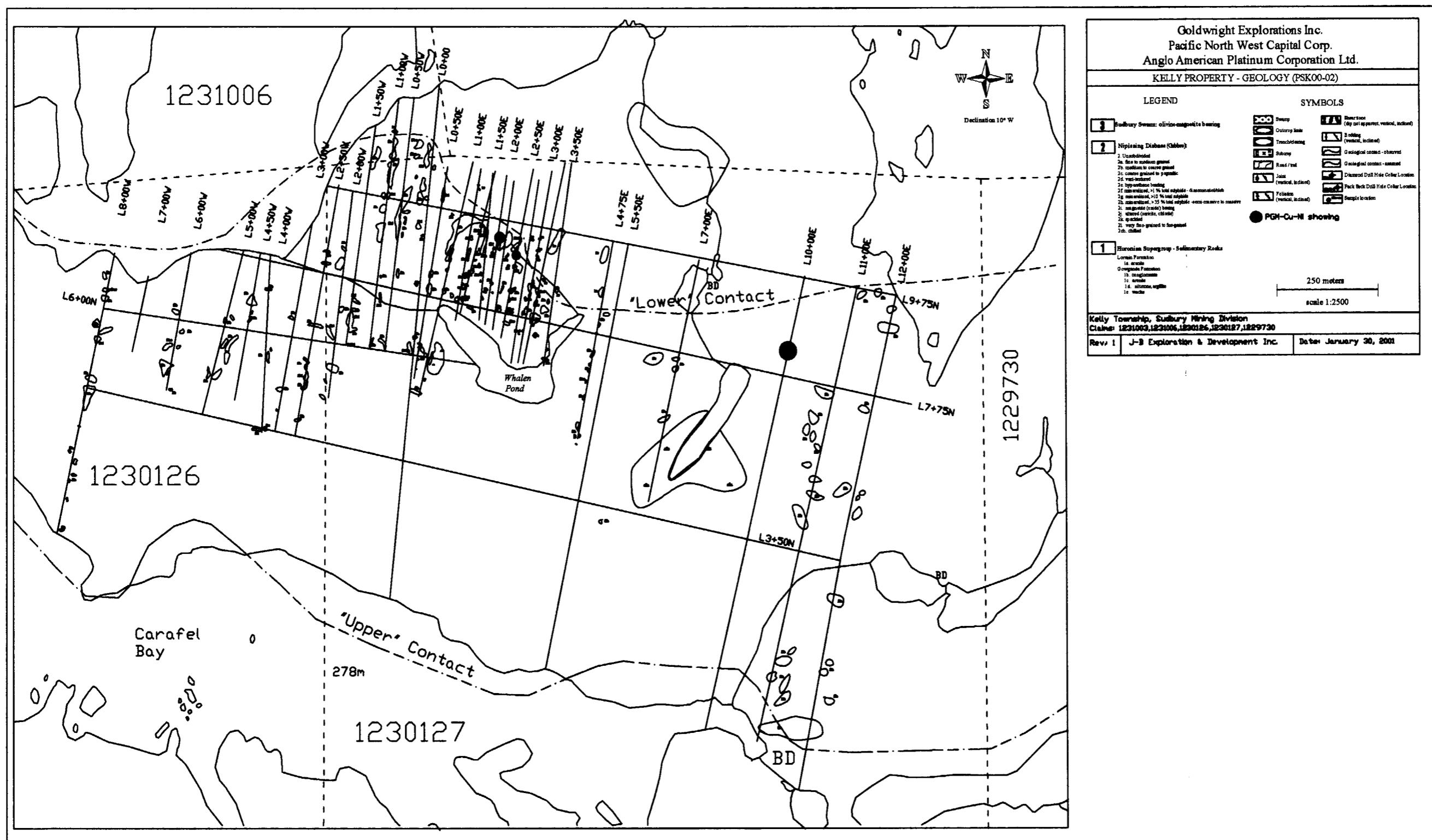


Figure 3. Kelly property grid map showing the locations of the main PGM-Cu-Ni showings (filled circles).

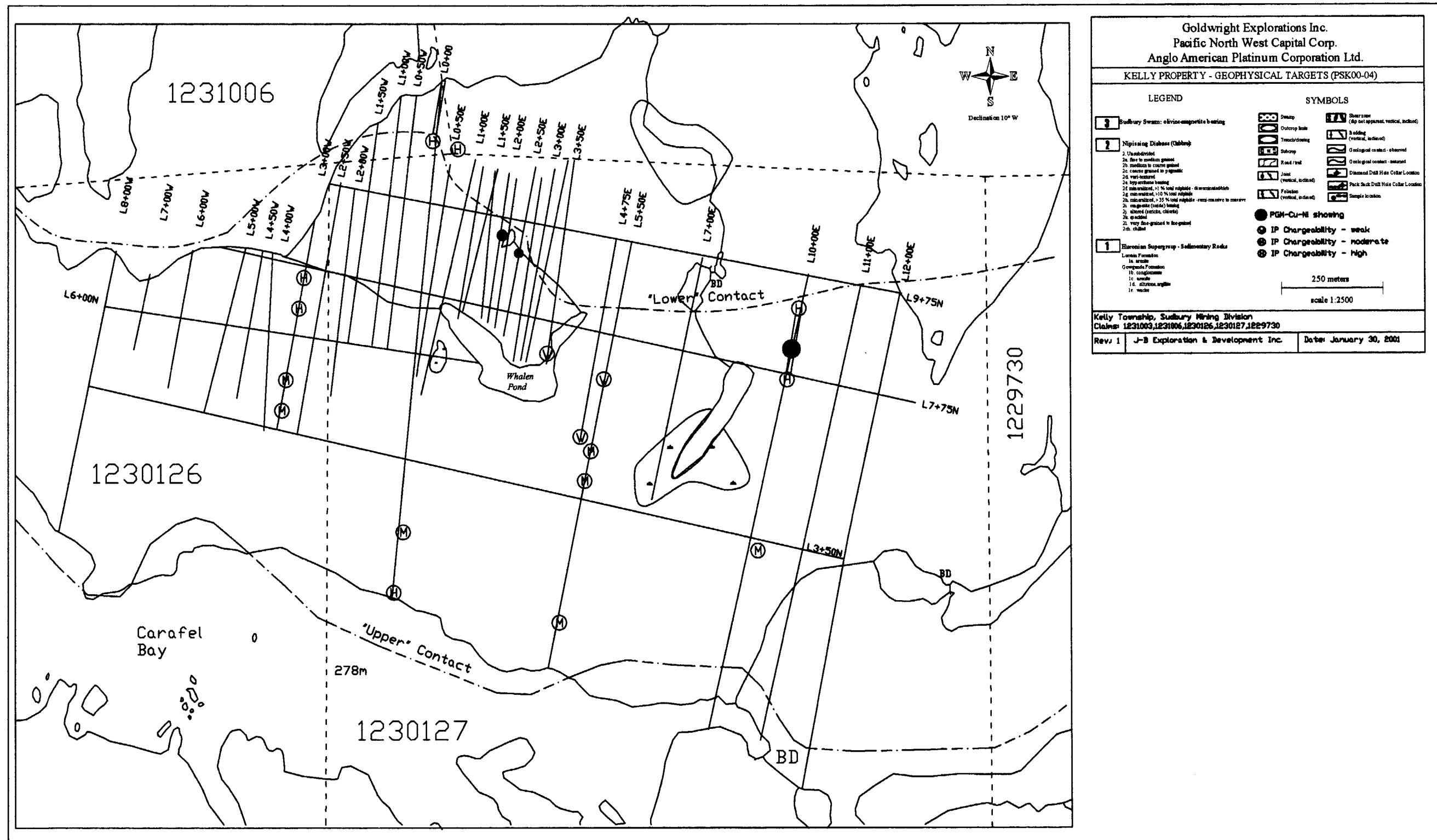


Figure 4. Kelly property grid map showing locations of the Induced Polarization anomalies from the June 2000 survey (Phase 2 exploration).

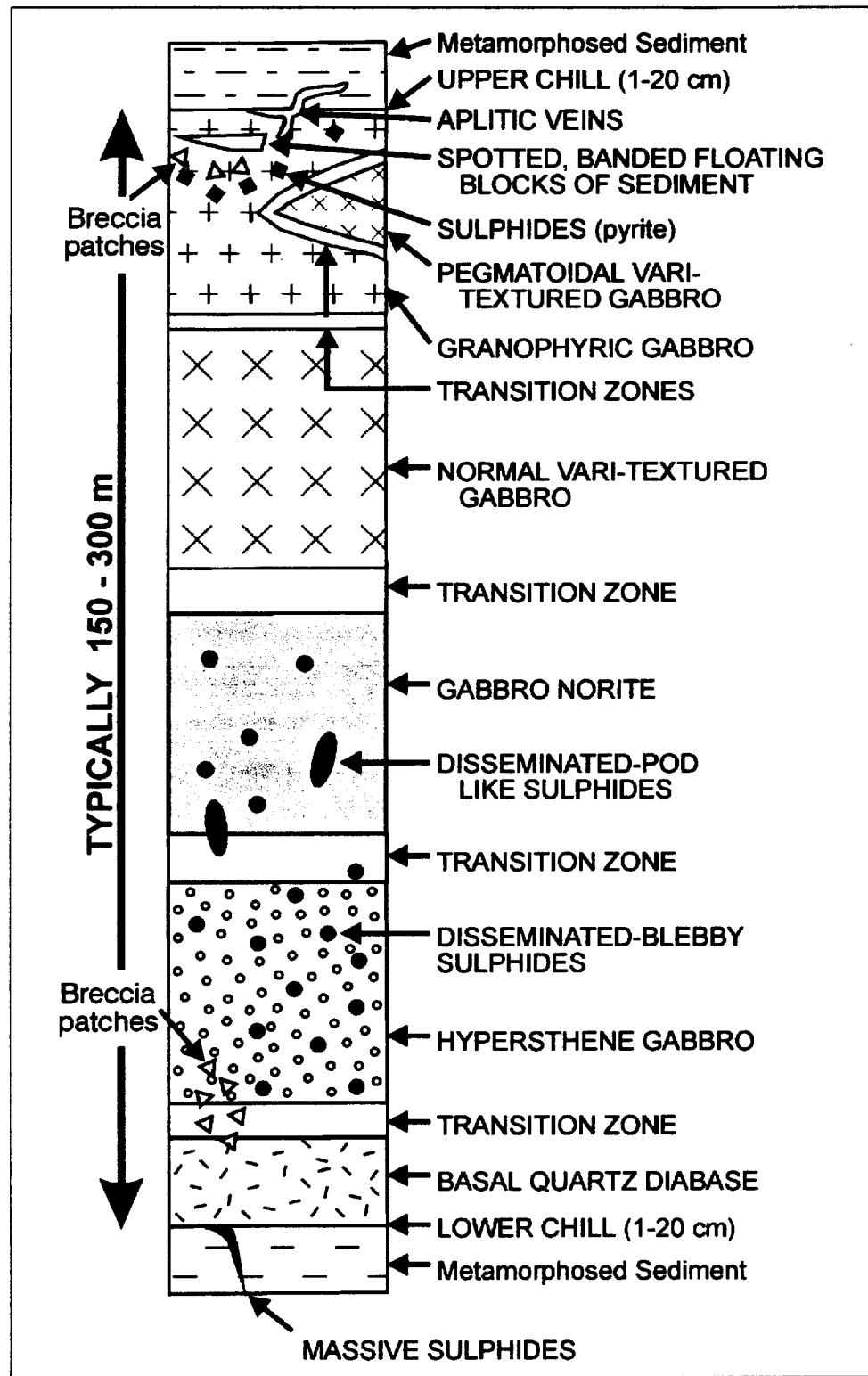


Figure 5. Typical sequence of lithologies that have been identified in well differentiated intrusions of Nipissing gabbro. The exposure on the Kelly property appears to cover about 2/3 of the lower stratigraphy from the lower hypersthene-bearing gabbro to the upper vari-textured gabbro unit.

5.0 PROPERTY GEOLOGY

The Kelly Property overlies gabbroic rocks of Nipissing Diabase and sedimentary rocks of the Huronian Supergroup (Gowganda Formation). The property is located over the northern limb of a southward dipping cone sheet that extends to the east and west in an arcuate shape; the intrusion is referred to as the Kukagami Lake Intrusion or KLI. The gabbroic rocks dip southward at about 40° and a basal unit of chilled gabbro occurs along the base of the north ridge where it is in sharp to sheared contact with sedimentary rocks of the Gowganda Formation.

Stratigraphic tops are toward the south as indicated by the presence of differentiated igneous rocks toward the south including gabbro-leucogabbro, vari-textured to pegmatitic gabbro and granophyric gabbro. In addition, a thick (>40 m), near-continuous, massive unit of oxide-bearing (<1-10% oxide) gabbro occurs along the middle to southern portion of the Kukagami Lake intrusion, implying an increase in Fe “up-stratigraphy”. Overlying (further south) the oxide-bearing gabbro are intermittent units of gabbro, leucogabbro and fine-grained (chilled) gabbro that form the uppermost hangingwall rocks of the intrusion. Sedimentary rocks occur intermittently along the north shore of Carafel Bay and represent the remains of the overlying roof rocks to the intrusion.

In general, the original cone sheet and/or sill morphology is well-preserved. The **metamorphic grade** ranges from approximately middle greenschist (chlorite zone) to lower amphibolite facies (amphibole zone). Preliminary petrographic work has identified primary igneous mineralogy and textures in all phases of the gabbroic rocks.

5.1 Geology and Mineralisation

The dominant rock type in the area of the exploration grid is medium-grained gabbro containing 2-10% hypersthene phenocrysts. This rock type is commonly referred to as a hypersthene-bearing gabbro and is the most common host to PGM sulphide mineralisation in Nipissing Diabase intrusives. Fine-grained to chilled gabbro, proximal to scattered outcroppings of quartzite (Huronian sediments), marks the northern gabbro-sediment contact along the northern part of the grid (Figure 3; *see maps PSK00-01 to 03*).

In general, melanocratic gabbroic rocks (mafic:felsic mineral ratio of 55:45 to 60:40) are concentrated within about 100 m of the northern sedimentary contact whereas differentiated leucocratic rocks (mafic:felsic mineral ratio of 50:50 to 40:60) and oxide-bearing gabbro (1-15% total oxide) occur toward the southern contact (Carafel Bay). This suggests fractionation of the magma toward the south and therefore stratigraphic tops toward the south. This being the case, the northern gabbro-sediment contact would represent the footwall and the south, the hangingwall.

Prospecting over the main exploration grid confirmed the presence of magmatic sulphide mineralisation. To date, the main zone of sulphide mineralisation appears to be confined to about 50

to 100 m south of the northern contact and is primarily hosted by melanocratic hypersthene-bearing gabbro. Magmatic sulphide mineralisation consists of varying proportions of chalcopyrite, pyrrhotite and pentlandite occurring primarily as disseminated grains and bleb sulphide. Total sulphide content ranges from <1% to about 12%. Subordinate sulphide-bearing rocks include coarse- to medium-grained quartz-gabbro, medium-grained gabbro and fine- to medium-grained quartz-gabbro. The observed textures and sulphide hosting gabbroic rocks are similar to those observed at PFN's Janes property from which highly anomalous PGE values are reported.

At the main showing – the J. Whalen showing is located at approximately L2+10E/L9+25N - sulphide mineralisation is exposed over a 30 m x 50 m area (Figure 3 and map PSK00-01). Three grab samples collected in 1998 from a 2x5m exposure at this main showing assayed 3.5 g/t, 4.5 g/t, and 5.1 g/t Pt+Pd+Au. The sulphides are dominantly disseminated to net-textured and range from 1-8% total sulphide. The other showings on the property – one at L2+50E/L9+00N and the other at L10+00E/L8+00N - have similar sulphide and host rock textures.

6.0 TOPOGRAPHY AND VEGETATION

Topography on the property is characterized by generally east-west trending ridges of gabbroic rocks with a mixture of gradual slopes and meter- to 10's of meters high cliffs. The primary vegetation on the ridges is mixed forest consisting of spruce, oak, birch and poplar, with alders, cedars, and poplar dominating the intervening low and swampy ground. Overburden consists primarily of <0.5 m humus-rich soils on the ridges but with areas of thick (>2.0 m) silty sand, humus-rich soils, clay and poorly developed glacial till. Locally overburden may be >5 m thick.

Kukagami Lake is located to the north, south (Carafel Bay) and west of the property with numerous small (<500 m) ponds and lakes occurring throughout the property.

7.0 PROPERTY HISTORY

The earliest reported work on the Kukagami Lake property is from 1969 and 1970. As in the area of PFN's Janes Property (Janes Township), most of the work focused on base metal (Cu-Ni) exploration and included airborne geophysics (mag-EM), geological mapping, minor surface geophysical surveys, trenching and minor diamond drilling.

Gold Cliff Mines Ltd. - 1896

Exploration immediately north of the claim blocs uncovered visible gold in east-west trending quartz veins that occurred along contact between gabbroic rocks of the Nipissing Diabase and Gowganda Formation sedimentary rocks. More than 610 m of stripping and trenching was completed and a 55 m adit intersected auriferous quartz veins.

Kelly-K-Mines Ltd. - 1966-67

Located on the east side of a large peninsula toward south end of Kukagami Lake and southwest of the Kelly property claim blocs. Sulphide-bearing quartz-carbonate veins contained sub-economic concentrations of Au, Ag and Pb. The mineralized quartz veins were associated with the contact between gabbroic rocks of the Nipissing Diabase and Gowganda Formation sedimentary rocks. Diamond drilling returned an average of 0.10 oz/t Au, 1.3 oz/t Ag, 8.78% Pb over a 0.3-0.45m core length.

Kennco Explorations (Canada) Ltd. - 1969-70

Kennco Explorations completed airborne magnetometer-EM with follow-up ground work that included geological mapping, trenching and diamond drilling. At their **East Trench** (main showing in Figure 2) diamond drilling returned assays of **0.48% Cu and 0.24% Ni over 7.5m**, including **0.59% Cu and 0.30% Ni over 1.8m**.

Nickeldale Resources Inc. - 1986

Nickeldale's exploration work included prospecting, humus geochemistry and ground geophysical surveys (magnetometer and VLF-EM) over the area that included the **East Trench** (main showing) (Figure 2). Grab samples returned anomalous Ni (0.02%), Cu (0.1%), Pd (0.22 g/t), Pt (0.08 g/t) and Au (0.08 g/t) values in the gabbroic rocks that contained 1-3% total visible sulphides. Eleven (11) multi-element anomalies with elevated Ni-Cu-Pd-Pt-Au were outlined from 733 humus samples. The ground and airborne mag-EM surveys failed to delineate any significant targets and no follow-up diamond drilling or further work was reported.

Ontario Geological Survey (P.C. Lightfoot) - 1991

The Kelly property was part of a regional study undertaken by the OGS. During the study several grab samples were collected that returned values of up to 4.16 g/t Pd, 1.10 g/t Pt, 0.6 g/t Au (**5.86 g/t combined Pt+Pd+Au**) in the **East Trench** (main showing) and up to 1.84 g/t Pd, 0.22 g/t Pt, 0.09 g/t Au (**2.15 g/t combined Pt+Pd+Au**) in the **Northeast Trench** (furthest showing to the west in Figure 2).

Wright Prospecting Syndicate - 1995

Exploration work included Horizontal Loop-EM, Total Field-magnetometer and Maxiprobe-EM surveys over the north-central part of Kukagami Lake (Figure 5). Although the mag-survey outlined the local geology, the HL-EM and Maxiprobe-EM surveys outlined two (2) moderate conductors that are coincident with the presumed contact between an olivine diabase dyke and gabbro. Several small conductors were also noted, north and southwest of the two stronger conductors.

Pacific North West Capital Corp. – 1997 to 2000

PFN completed Phase 1 and 2 surface exploration programs that included: (1) establishing a 15 km exploration grid (land and lake) connecting the main areas of known surface sulphide mineralisation on land with a winter grid covering a “lake geophysical anomaly”; (2) 1 km ground magnetometer survey over an anomaly located under Kukagami Lake; (3) prospecting, general geological mapping and sampling over the land grid region; (4) reconnaissance prospecting and sampling outside of the main grid area and along strike of known mineralisation; (5) clearing, power washing, trenching and blasting in the area of the main showing (approximately 50 m x 30 m area); (6) detailed sampling of the cleared area at the main showing; and, (7) a 9.35 km surface induced-polarization survey over the main exploration grid. **To date, the highest concentration of PGM from PFN's sampling of the property is 5.1 g/t Pt+Pd+Au – collected from the J. Whalen showing.**

8.0 CURRENT WORK

A Phase 3 exploration program was completed between July 1st and October 28th, 2000. This phase included: (1) establishing 11.06 km in exploration grid; (2) prospecting, general geological mapping and sampling over the grid area; (3) ground-truthing surface I.P. anomalies delineated in the Phase 2 survey; and, (4) reconnaissance prospecting and sampling outside of the main grid area and along strike of known mineralisation. Phase 3 work concentrated on mining claims S-1230126, S-1230127 and S-1229730.

8.1 Geological Mapping & Prospecting

Geological mapping was completed over the entire exploration grid at a scale of 1:1000 (map PSK00-02). Prospecting was also completed on and off the grid, with samples primarily taken in areas that were noted by the geological mapping as having good potential for PGM. The area is dominated by Nipissing Diabase that includes chilled to very-fine-grained gabbro, medium-grained hypersthene-bearing gabbro and medium to coarse-grained vari-textured gabbro, in contact to the north and south with wackes and lithic wackes of the Gowganda formation.

A narrow (generally <1 m) chilled and very fine-grained gabbro unit is exposed near or at the sedimentary contacts and the gabbro generally contains none to trace visible sulphides with occasional pyrite. Mineralisation in the area was minimal with the exception of the main showing and a small exposure at L2+55E/L0+50S which had up to 10% visible sulphides in patchy sections.

8.2 Sampling & Assays

A total of 32 samples (KDL-01 to 32) were collected over the claims with the following distribution: 4 from claim S-1230126 and 28 from claim S-1230127 (Appendix 1; map PSK00-03). The majority of the 32 samples were submitted for Pt-Pd-Au, Rh, Cu-Ni, S, Se, major-, minor-, and trace-elements at XRAL Laboratories in Don Mills, Ontario; some results were obtained through Accurassay Laboratories in Thunder Bay, Ontario. Results of the assays are discussed below (see 9.0 Analytical Results).

8.3 Ground-Truthing I.P. Anomalies

A 9.35 km I.P. survey, completed in Phase 2, delineated a total of 17 low to high priority chargeability anomalies on the property (Figure 4; Table 2; map PSK00-04). Ground-truthing of the I.P. anomalies revealed that they are generally correlated with the presence of trace sulphides (where exposed). Several anomalies, interpreted by JVX Ltd. to be high and medium priority, lie within the sedimentary package on the north side of the property; >1% pyrite appears to be the source of these footwall anomalies.

Table 2. I.P. chargeability anomalies ground-truthed in Phase 3 (Figure 4 and map PSK00-04).

No.	Priority	Location*	Comments
1	high	300W, 750N	Poor exposure – needs clearing
2	high	300W, 675N	Trace sulphides
3	medium	300W, 500N	Trace sulphides
4	medium	300W, 425N	Poor exposure
5	high	BL0, 10+75N	Pyrite bearing sediments
6	medium	BL0, 200N	Pyrite bearing sediments
7	high	BL0, 50N	Trace sulphides
8	high	75E, 10+75N	Pyrite bearing sediments
9	low	350E, 675N	Trace sulphides
10	low	475E, 475N	Trace sulphides
11	low	550E, 625N	Trace sulphides
12	medium	550E, 450N	Trace sulphides
13	medium	550E, 375N	Trace sulphides
14	medium	550E, 25N	Poor exposure – needs clearing
15	high	1000E, 875N	boulders of patchy sulphides in gabbro
16	high	1000E, 700N	near previously discovered sulphide showing – needs more clearing
17	high	1000E, 275N	poor exposure – needs clearing

*approximate, located over chargeability high

Some of the areas of poor exposure and/or trace sulphides were located over gabbroic rocks. These areas should be followed up with hand stripping and clearing of the shallow (<0.25 m) overburden in order to get a better understanding of the I.P. high sources.

9.0 ANALYTICAL RESULTS

A total of 32 grab samples from bedrock were collected during the Phase 3 surface exploration program and were submitted for Pt-Pd-Rh-Au, Cu-Ni, S, Se, major-, minor- and rare-earth element analysis. Analytical techniques and results from the surface sampling are discussed below. A summary of the assays are given in Appendix 2 and assay certificates are provided in Appendix 3.

9.1 Sampling & Analytical Technique

Twenty-nine of the 32 grab samples were sent to XRAL Laboratories (Don Mill, Ontario and Rouyn-Noranda, Quebec) where they were analyzed for Pt-Pd-Au using standard lead fire assay methods, followed by dissolution with aqua regia, and measurement with a DCP (direct current plasma) finish. Lower limits of detection (30 g sample) are 1 ppb for Au and Pd, and 10 ppb for Pt; upper limit is 10,000 ppb. Three of the 32 samples (KDL-30, 31, 32) were sent to Accurassay Laboratories (Thunder Bay, Ontario) for analysis using standard lead fire assay techniques and measurements with an AA (atomic absorption) finish. Lower detection limits (40 g sample) are 5 ppb Au, 10 ppb Pd and 15 ppb Pt; upper detection limits are 10,000 ppb.

All 32 grab samples were sent to XRAL Laboratories (Don Mill, Ontario and Rouyn-Noranda, Quebec) where they were also analyzed for Rh, major-, minor- and rare-earth elements. Rhodium is determined by “arrested cupellation” from standard fire assay methods. The sample is weighed and fused exactly the same as in the Classical Fire Assay methods (including silver inquart) used for Pt-Pd-Au, only the cupellation changes. The cupellation for Rh is arrested before all of the lead is oxidized, thus preventing the loss of Rh. After arresting the cupellation, the button contains the precious metals and approximately 100-500 mg of lead. The silver bead is digested in aqua regia over an hour period, brought to a final volume of 5 ml with distilled water and read by DCP (ICP-MS) for Rh concentration; lower limit of detection is 10 ppb.

Major elements, including SiO₂, MgO and TiO₂, were determined by using classical X-Ray Fluorescence Spectrometry (XRF) on a fused disc prepared from 2g of sample. Detection limits are 0.01% for oxides, generally 2 ppm for minors and 20 ppm for Ba. Rare-earth elements were determined using ICP methods and detection limits are given on the assay certificates (Appendix 3).

Concentrations of Cu, Ni and other minor elements were determined by ICP using a standard method of nitric aqua regia extraction (Aqua Regia). Nickel may not be totally extracted by aqua

regia as much of the silicate nickel is not extracted. Lower limits of detection are 0.5 ppm for Cu and 1 ppm for Ni with the an upper limit of 1% for both Cu and Ni.

9.2. Background Concentrations

In this report, values containing 2x to 4x background concentrations PGM (Table 3) are considered anomalous and samples containing >4x background are considered highly anomalous. For exploration purposes, PGM concentrations >200 ppb in Nipissing Diabase are considered worth following up, although anomalous values should not be ignored. Visually, there is a good correlation between chalcopyrite (Cu) rich samples and PGM concentrations however, pyrrhotite is generally dominant in rock samples with <1% mineralisation.

Table 3. PGE and base metal contents in barren silicate (gabbroic) rocks, Sudbury area intrusions.

Lithology	Pd (ppb)	Pt (ppb)	Au (ppb)	3E (ppb)	Ni (ppm)	Cu (ppm)
River Valley Gabbro	25	20	5	50	96	66
East Bull Lake Gabbro	18	11	3	32	180	125
Nipissing Gabbro	30	18	7	55	112	160
Kukagami Lake Intrusion	13	14	6	33	74	97
Average Mafic Rock	5	5	1	11	110	50

3E = Pt+Pd+Au

9.3 Precious and Base Metal Results

Results from the precious and base metal assays are provided in Appendix 2 and the grab samples with the highest PGM concentrations are listed in Table 4. The highest PGM concentration from this program is 1.68 g/t 3E, 0.58%Cu and 0.24% Ni which came from sample KDL-07, a medium-grained gabbro containing about 10% bleb and disseminated sulphide. Sample KDL-07 is located about 80 m southeast of the Main Showing. The area from which sample KDL-18 (0.22 g/t 3E) was collected, about 90 m southwest of the Main Showing, may represent the western extension of the Main Showing.

9.4 Major and Minor Element Results

Results from the major and minor element analysis are provided in Appendix 2 and a selected number of these analysis are provided in Table 4. Historically, the highest PGM concentrations in Nipissing Diabase have come from gabbro with relatively high wt% MgO (7-12%), moderate wt% SiO₂ (48-52%) and low wt% TiO₂ (<0.55%). Nipissing gabbro samples from the current program range from 45.2-54.2wt% SiO₂, 5.5-10.0wt% MgO, and 0.3-1.3wt% TiO₂. As such, the gabbroic rocks of the Kukagami Lake Intrusion are considered prime targets for PGM exploration.

Table 4. Summary of results from grab samples, Kelly Property.

Sample	Grid E	Grid N	%VS	Au	Pt	Pd	Rh	3E	Pd:Pt	Ni	Cu	Cu:Ni	MgO	TiO ₂	Cr ₂ O ₃
				ppb	ppb	ppb	ppb	ppb		ppm	ppm		%	%	%
KDL-07	255	885	10	121	212	1344	11	1677	6.3	2390	5760	2.4	9.6	0.5	0.2
KDL-08	255	885	-	4	10	27	<10	41	2.7	62	127	2.0	10.0	0.5	0.2
KDL-09	250	887	4	52	94	606	<10	752	6.4	820	1870	2.3	9.4	0.5	0.2
KDL-10	250	800	tr	5	15	36	<10	56	2.4	47	108	2.3	8.4	0.5	0.1
KDL-11	235	875	1	22	37	229	<10	288	6.2	223	479	2.1	9.7	0.5	0.2
KDL-17	150	865	-	50	21	113	<10	184	5.4	183	727	4.0	9.0	0.5	0.1
KDL-18	125	875	tr	18	13	186	<10	217	14.3	72	182	2.5	9.8	0.5	0.1
KDL-22	-50	615	-	33	19	18	10	70	0.9	396	34	0.1	21.0	0.5	0.1
KDL-23	-50	950	-	5	15	19	<10	39	1.3	47	96	2.0	8.0	0.6	0.0
KDL-30	700	675	tr	6	20	17	<10	43	0.9	137	110	0.8	8.6	0.5	0.1

3E = Pt+Pd+Au

Sample KDL-22 appears to be that of a Sudbury Swarm, olivine-magnetite gabbro dyke. This sample contains 39.7wt% SiO₂, 21.0wt% MgO, 0.53wt% TiO₂, 33 ppb Au, 19 ppb Pt, 18 ppb Pd, 396 ppm Ni, and 34 ppm Cu.

9.5 Lithogeochemical Sampling

Several composite lithogeochemical sections have been constructed from the grab samples that were collected over the exploration grid (Table 5). Variations in the concentrations of PGM, major- and minor-elements, and S-Se values are shown graphically in Figures 6 through 11 and in Appendix 4. In general, the plots show a *normal* fractionation trend from the north to the south which is in agreement with field observations – i.e. increasing felsic:mafic minerals moving from north to south across the intrusion. More importantly, there appears to be a previously unrecognised zone of mineralisation or the potential for one, at the relative height of 30 m. This zone includes samples KDL-26 and 30 and appears to be located about 250 m south (up-section) of the Main Showing; about 280 m south of the northern contact. This area and its stratigraphic “height” equivalent along strike to the east and west, should be investigated further.

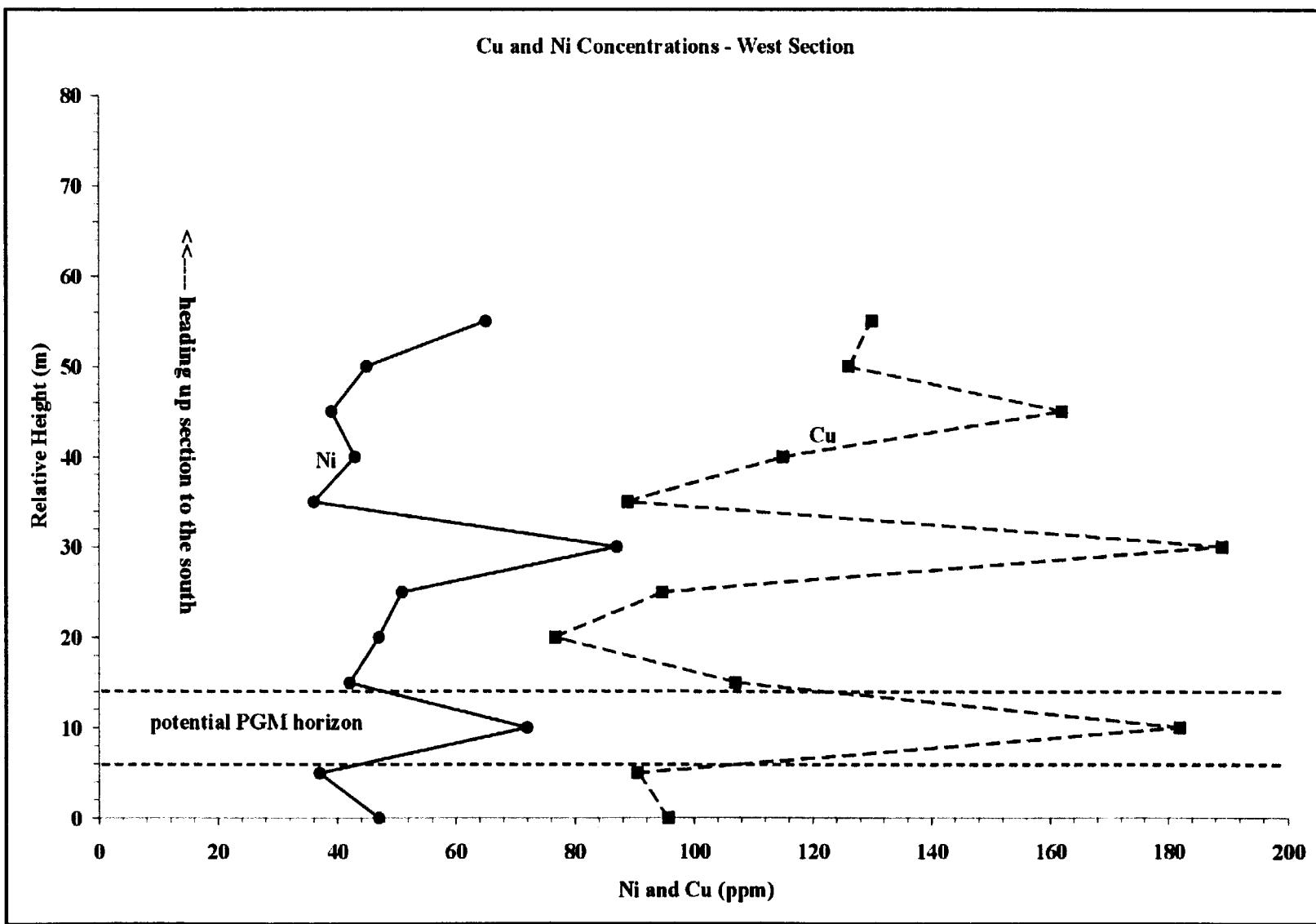


Figure 6. Plot of Cu and Ni (ppm) versus the relative height through the intrusion. The location of the "known" PGM mineralised horizon is outlined. A second potential zone may exist at the relative height of ~30 m (sample KDL-26).

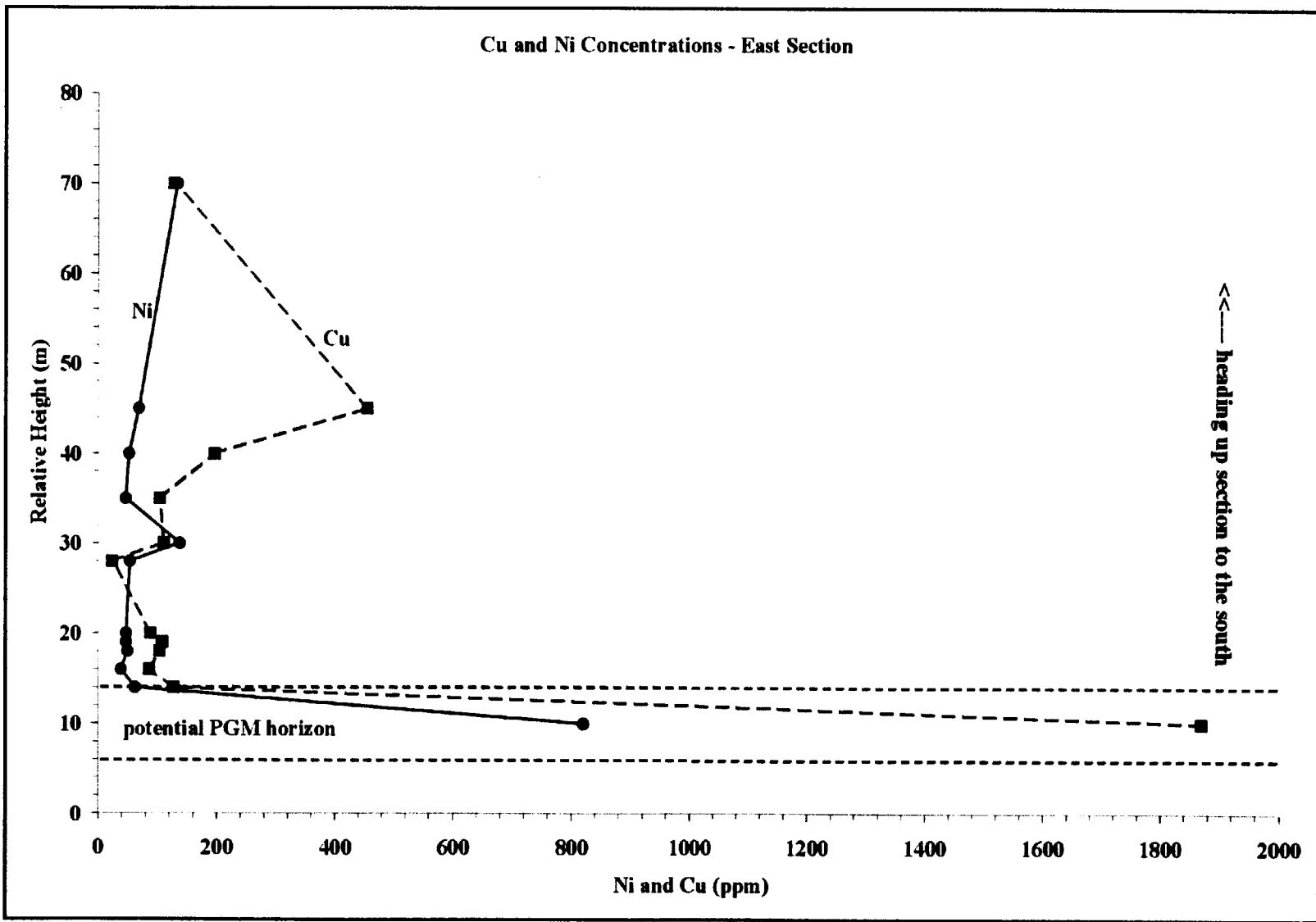


Figure 7. Plot of Cu and Ni (ppm) versus the relative height through the intrusion from the EAST section. The location of the "known" PGM mineralised horizon is outlined. A second potential zone may exist at the relative height of ~30 m (sample KDL-30).

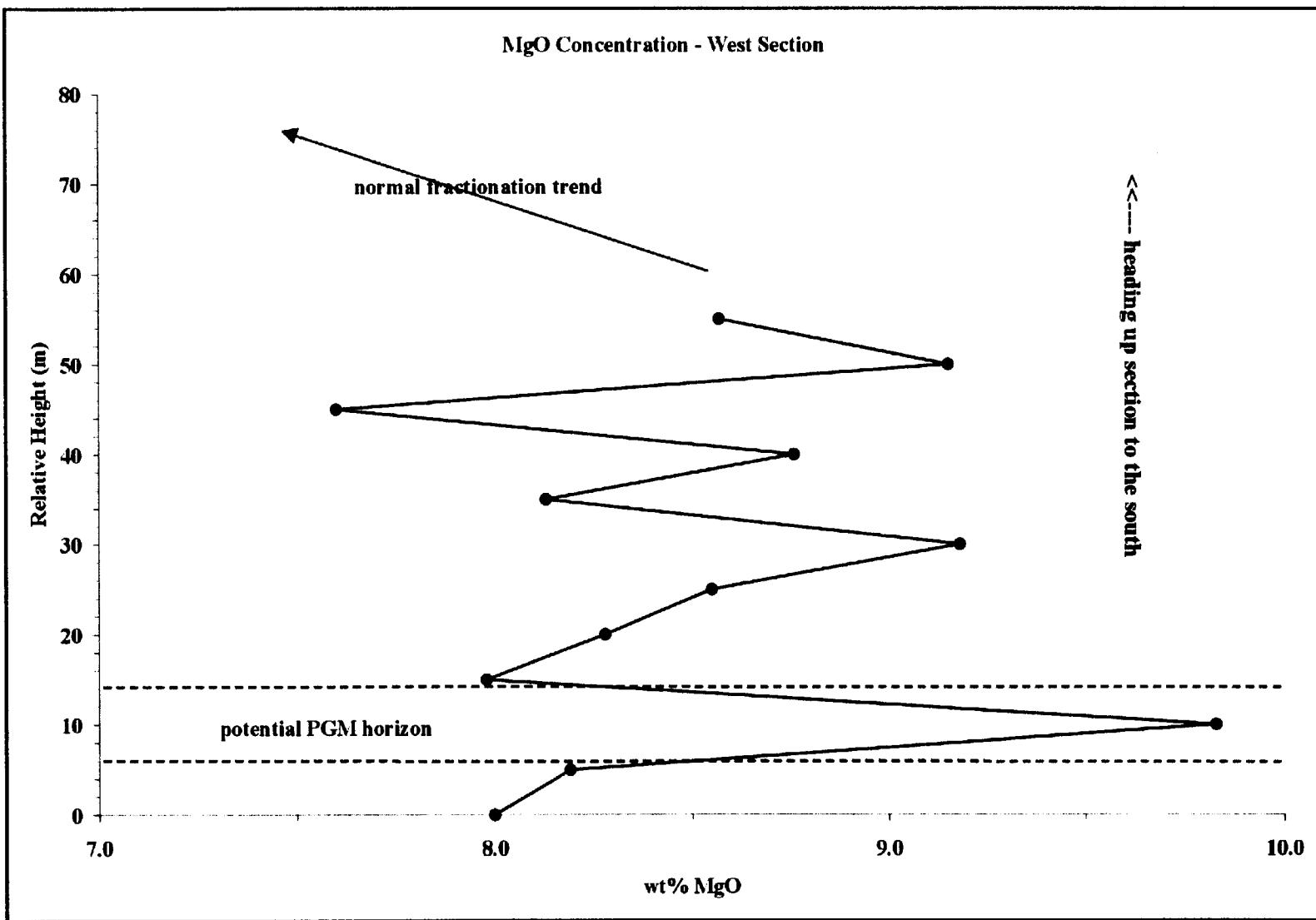


Figure 8. Plot of wt% MgO versus the relative height through the intrusion from the WEST section. The MgO content is high in the area of the "known" PGM mineralised horizon as outlined. A second potential zone may exist at the relative height of ~30 m as indicated by the second spike in MgO content (sample KDL-26).

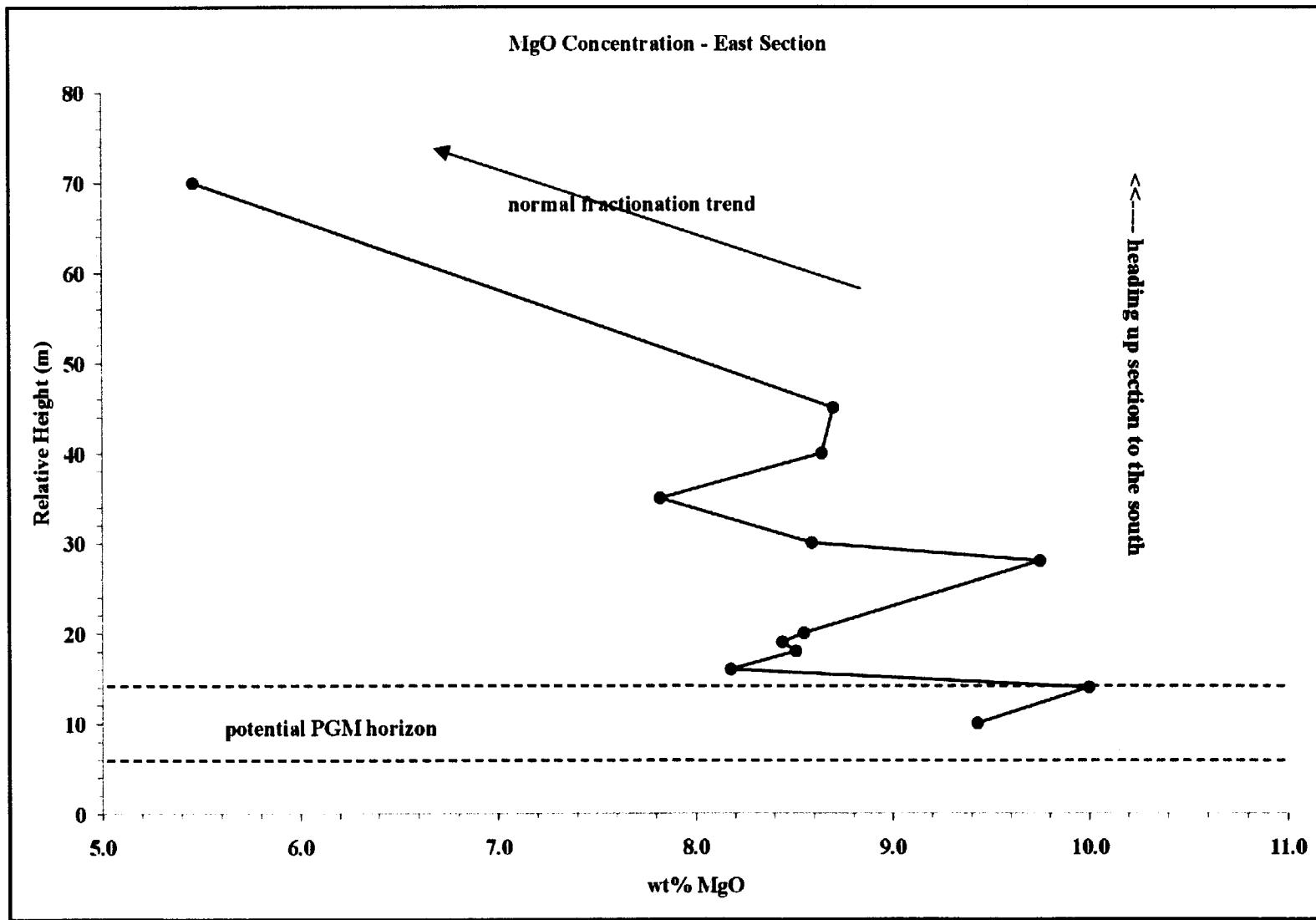


Figure 9. Plot of wt% MgO versus the relative height through the intrusion from the EAST section. The MgO content is high in the area of the “known” PGM mineralised horizon as outlined. A second potential zone may exist at the relative height of ~30 m as indicated by the second spike in MgO content (sample KDL-30).

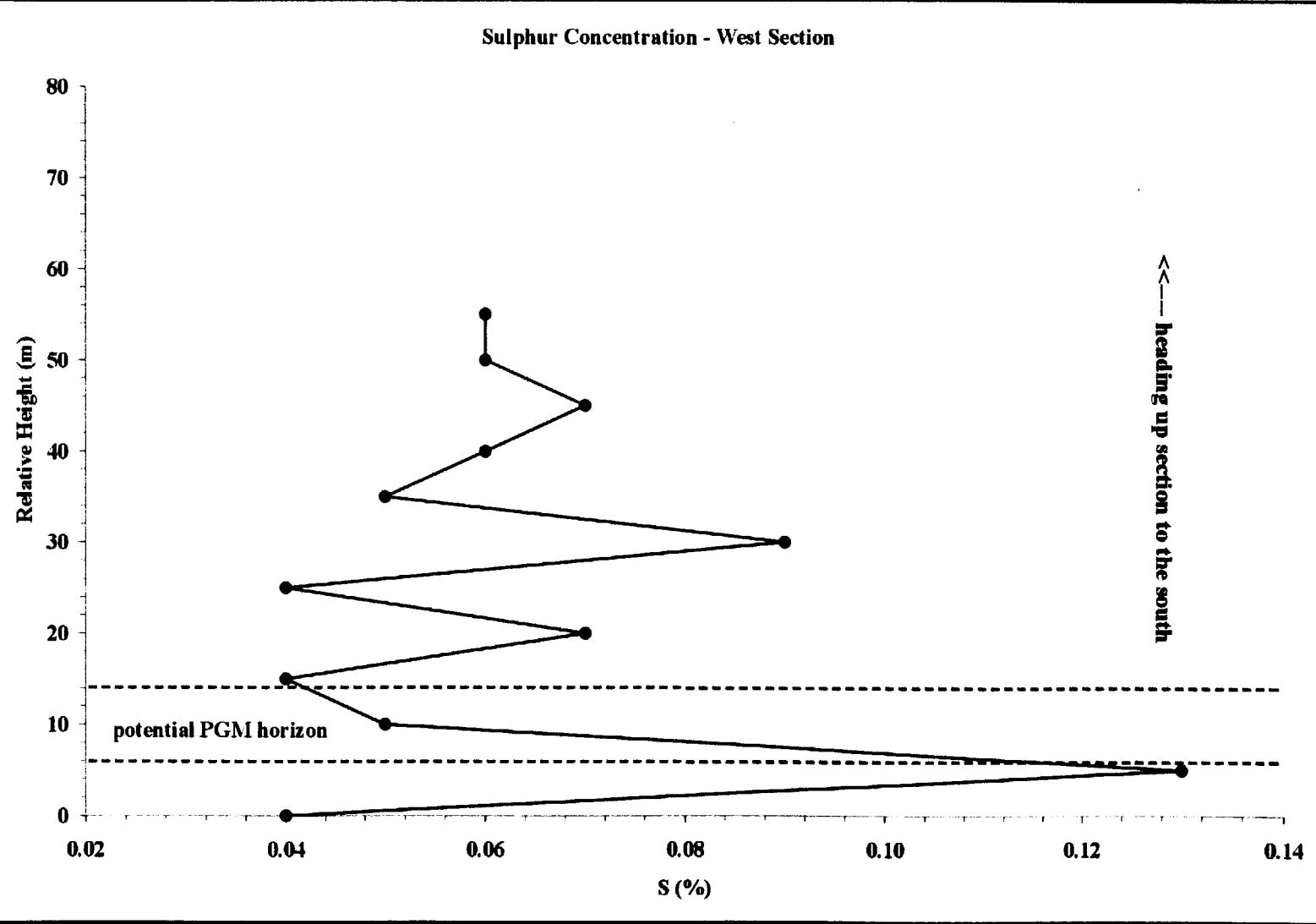


Figure 10. Plot of wt% Sulphur versus the relative height through the intrusion from the WEST section. The S content spikes in the area of the "known" PGM mineralised horizon as outlined. A second potential zone may exist at the second high spike which is coincident with other lithogeochemical plots at the relative height of ~30 m.

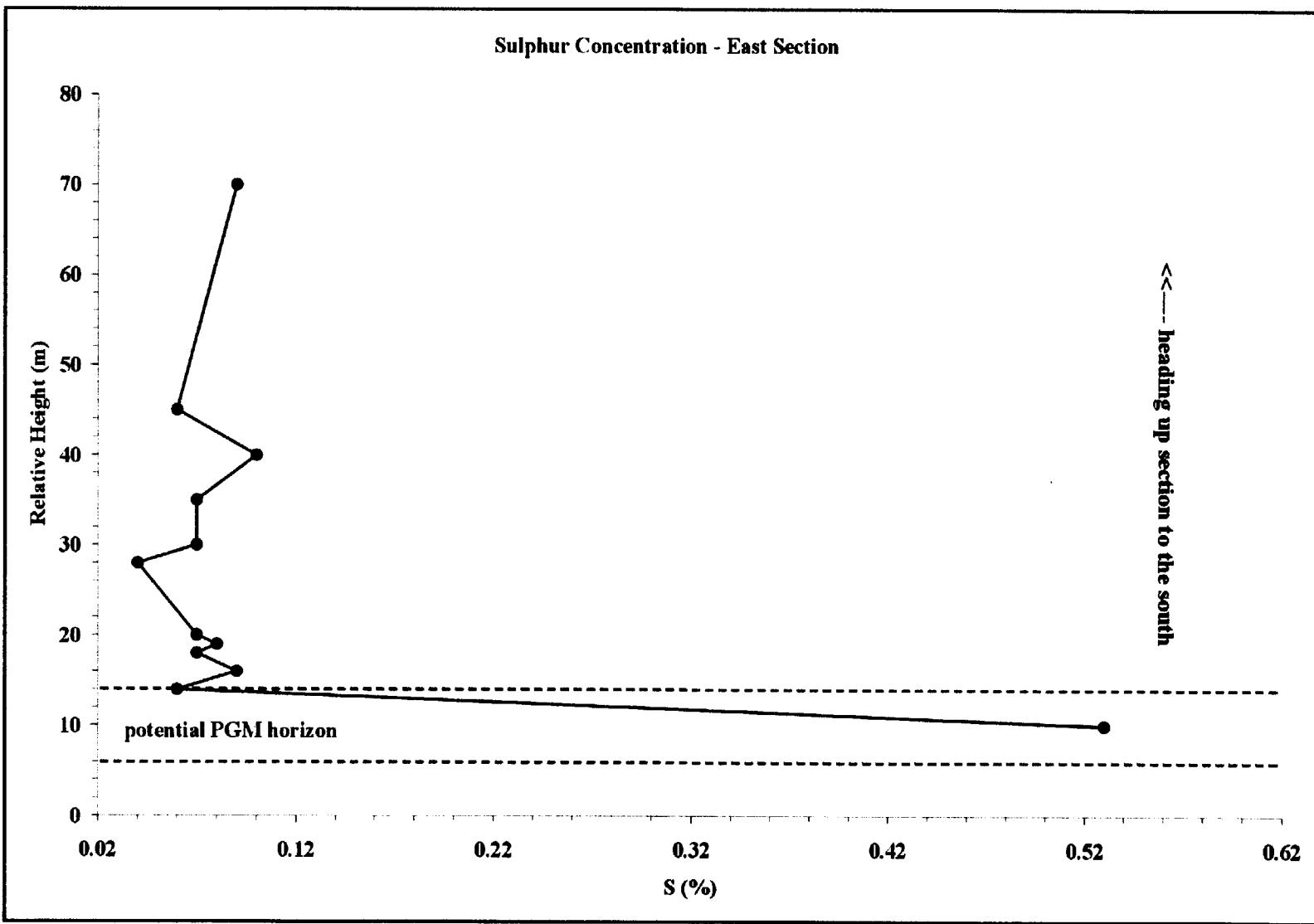


Figure 11. Plot of wt% Sulphur versus the relative height through the intrusion from the EAST section. The S content spikes in the area of the “known” PGM mineralised horizon as outlined. A second potential zone may exist at the second high spike which is coincident with other lithogeochemical plots at the relative height of ~30 m.

9.6 Sulphur and Selenium Results

Results from the S-Se analysis are provided in Appendix 2. When studying Ni-Cu-PGE sulphide deposits it is useful to determine whether or not the sulphide metals are of magmatic origins or are the result of re-mobilization through processes such as weathering and alteration. In addition, it may be of interest to determine whether or not the S has been externally derived (i.e. a sedimentary rock source) or is magmatic in origin. Ratios of S to Se provide a method whereby one can assess these questions and elucidate the role and origin of S in the genesis of the mineralisation. Selenium is a strongly chalcophile element that follows S in the magmatic cycle and occurs in sulphides where it substitutes for S. In addition, Se is much less soluble and less mobile than S under low temperature conditions. In general, S/Se ratios for uncontaminated magmatic sulphide ores range between 1000 and about 5000 and S/Se that are >20000 are typical of sedimentary sulphides; assimilation of crustal sulphur will increase the S/Se ratio. Ratios of S/Se that are <1000 are indicative of S loss and primitive magmas typically have a ratio of about 2700. The division in the S/Se ratio is primarily the result of the affects of weathering and(or) low temperature metamorphic processes on igneous sulphides whereby S becomes enriched relative to Se.

In the current sampling from the Kukagami Lake Intrusion, ratios of S/Se range from 667 to 9000 with the majority of the samples between 2000 and 5000 (Figure 12). Only 4 of the 32 samples, KDL-03, 05, 08, 25, have S/Se ratios >5000 and none of the samples had ratios >9000; the 4 samples have Pt+Pd contents ranging from 11-37 ppb. The 2 highest concentrations of PGM – samples KDL-07 and KDL-09 – have magmatic S/Se ratios of 3154 and 3118, respectively. These values clearly demonstrate that the sulphur in this system is magmatic with little or no introduction of crustal (external) sulphur (Figure 13).

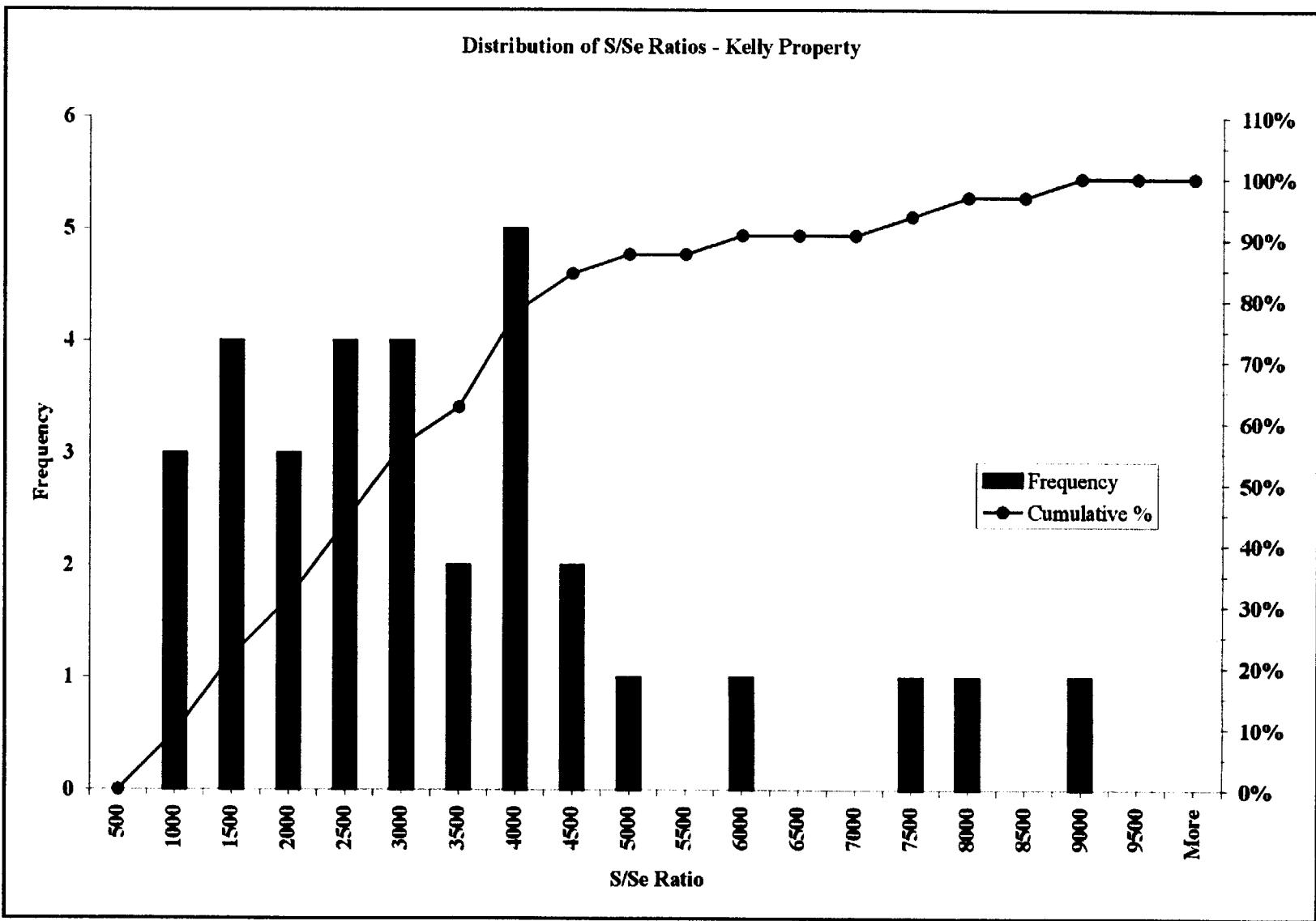


Figure 12. Histogram showing the distribution of the S/Se ratios from gabbroic rocks of the Kukagami Lake Intrusion. The majority of samples have ratios that are clearly magmatic (2000-5000).

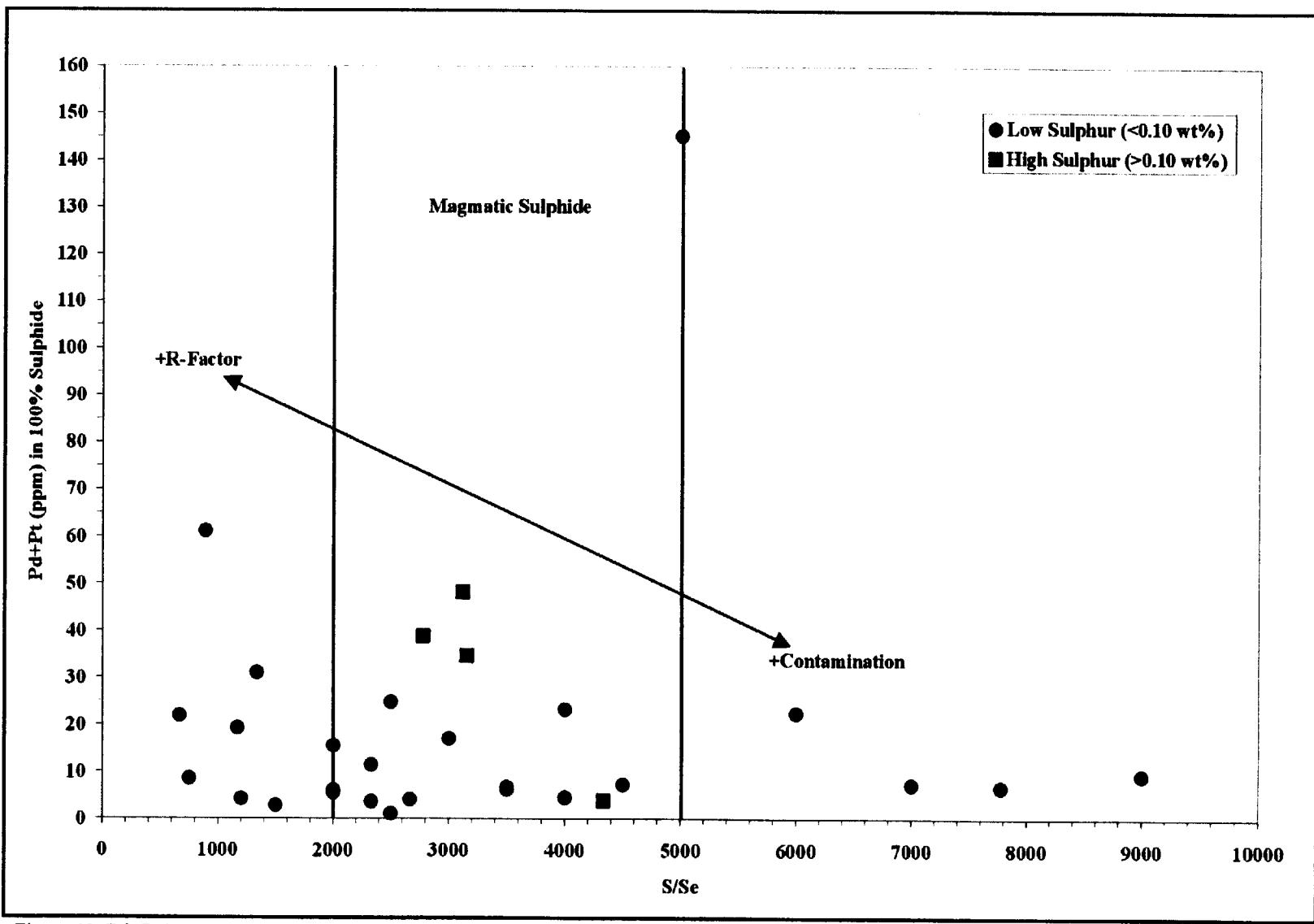


Figure 13. Pd+Pt in 100% sulphide versus S/Se ratios for gabbroic rocks of the Kukagami Lake Intrusion. The majority of samples have magmatic S/Se ratios.

10.0 CONCLUSIONS

The Phase 3 surface exploration program was successful in finding additional sulphide mineralisation at L2+55E/L8+85N (sample KDL-07), at L2+35E/L8+75N (sample KDL-11) and at L2+50E/L8+87N (sample KDL-09), in the area of the Main Showing. Total sulphide ranges from 1-10% and is primarily disseminated and bleb textured. Prospecting beyond this area failed to produce more than trace visible sulphide. However, lithogeochemical stratigraphic sections indicate the possibility for a second zone of sulphide mineralisation approximately 250 m south or up-stratigraphy from the Main Showing. This area and its stratigraphic "height" equivalent along strike to the east and west, should be investigated further.

In addition, an oxide-bearing gabbro unit, sampled at L1+50E/8+65N (sample KDL-17) and L1+25E/L8+75N (sample KDL-18), and located southwest and up-stratigraphy of the Main Showing, assayed 184 ppb 3E (KDL-17) and 217 ppb 3E (KDL-18). This area, located about 50 m south or up-section from the Main Showing requires further investigation.

11.0 RECOMMENDATIONS

On the basis of the Phase 3 program and on previous phases it is recommended that the following exploration program be completed (\$13,500):

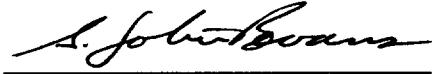
(1) Line Cutting – westward and fill-in on current grid:	\$2,000
(2) Prospecting & Sampling Areas beyond current grid:	\$5,000
(2) Assays – Pt-Pd-Au-Cu-Ni minimum:	\$3,000
(3) Report Writing, Drafting, Operating Costs:	\$3,500
Total:	\$13,500

Should this fourth phase of surface exploration provide adequate results, small (<\$50,000) diamond drilling program should be considered to test target areas.

CERTIFICATE OF QUALIFICATION

I, Scott Jobin-Bevans of 225 Ferndale Avenue, Sudbury, Ontario, Canada, do hereby certify that:

1. I am a consulting geologist with the mineral exploration company JB Exploration & Development of Sudbury, Ontario.
2. I am a graduate of the University of Manitoba, Winnipeg, Manitoba with a B.Sc. (Hons.) Geology - 1995, and M.Sc. Geology - 1997.
3. I am a member of the Society of Economic Geologists and the Canadian Institute of Mining, Metallurgy and Petroleum.
4. I have been an exploration geologist and prospector for ten years.
5. I am a member of the Association of Geoscientists of Ontario.
6. I have an active prospector's license for the province of Ontario (# H14027).
7. This report is intended to be an overview of the mineral potential of the property or properties with recommendations and conclusions that are based solely on the available data.



Scott Jobin-Bevans (B.Sc., M.Sc. Geology)
February 23rd, 2001
Association of Geoscientists of Ontario, Member

APPENDIX 1

Sample Descriptions (KDL-01 to KDL-32)

APPENDIX 2

Assay Summary (KDL-01 to KDL-32)

APPENDIX 3

Assay Certificates

XRAL Laboratories, Don Mills, Ontario

Accurassay Laboratories, Thunder Bay, Ontario

APPENDIX 4

**Data and Plots from East and West
Lithogeochemical Sections through Intrusion**

APPENDIX 1

Sample Descriptions (KDL-01 to KDL-32)

APPENDIX 1

Sample	Grid E	Grid N	Easting	Northing	Rock	%VS	Sulphide Texture	Notes
KDL-01	470	585	n/a	n/a	mg gabbro	tr	blebs/frac conroed	
KDL-02	475	625	n/a	n/a	mg gabbro	tr	blebby	
KDL-03	343	775	n/a	n/a	mg gabbro	tr po	disseminated	
KDL-04	350	640	n/a	n/a	mg gabbro	tr	disseminated	
KDL-05	325	830	n/a	n/a	mg gabbro	tr	disseminated	magnetite bearing
KDL-06	285	680	536531	5177434	cg gabbro	tr	disseminated	
KDL-07	255	885	536528	5177632	mg gabbro	10 cpy/po	diss/blebby	weakly magnetic
KDL-08	255	885	536528	5177632	mg gabbro	-		30cm from KDL-07
KDL-09	250	887	536531	5177623	mg gabbro	4	diss/blebby	magnetite bearing
KDL-10	250	800	536503	5177549	mg gabbro	tr	po blebs	magnetite bearing
KDL-11	235	875	536501	5177640	mg gabbro	1	po blebs	
KDL-12	n/a	n/a	534559	5177828	mg gabbro	tr	disseminated	
KDL-13	n/a	n/a	534892	5177663	mg gabbro	tr	disseminated	
KDL-14	205	800	536474	5177557	mg gabbro	-		
KDL-15	185	925	536465	5177694	mg gabbro	tr	disseminated	magnetite bearing
KDL-16	150	865	536421	5177631	mg gabbro	-		weakly magnetic
KDL-17	150	865	536421	5177631	mg gabbro	-		weakly magnetic
KDL-18	125	875	536405	5177636	mg gabbro	tr po	disseminated	magnetite bearing
KDL-19	100	850	536353	5177609	mg gabbro	-		hyperstene bearing
KDL-20	100	610	536301	5177405	mg gabbro	tr cpy/po	disseminated	
KDL-21	-5	600	536243	5177379	mg gabbro	tr	disseminated	magnetite bearing
KDL-22	-50	615	536223	5177445	mg gabbro	-		magnetite bearing
KDL-23	-50	950	536229	5177748	mg gabbro	-		
KDL-24	-250	810	536064	5177603	mg gabbro	tr	disseminated	
KDL-25	-200	800	536110	5177610	mg gabbro	-		
KDL-26	-200	705	536089	5177472	mg gabbro	tr po	blebby	
KDL-27	-305	400	535942	5177284	mg gabbro	-		
KDL-28	-610	625	535692	5177504	mg gabbro	tr	disseminated	
KDL-29	-700	590	535598	5177474	mg gabbro	-		
KDL-30	700	675	536906	5177352	mg gabbro	tr	disseminated	
KDL-31	1183	675	537400	5177270	mg gabbro	tr	disseminated	
KDL-32	1100	50	537177	5176670	mg gabbro	tr	disseminated	

APPENDIX 2

Assay Summary (KDL-01 to KDL-32)

APPENDIX 2

Sample	Grid E	Grid N	%VS	WO#	Au (ppb)	Pt (ppb)	Pd (ppb)	Rh (ppb)	3E (ppb)	Pd:Pt	WO#	Ni (ppm)	Cu (ppm)	Ni+Cu (ppm)	Ni (%)	Cu (%)	Ni+Cu (%)	Cu:Ni	Cu/Pd
KDL-01	470	585	tr	19098	5	<10	5	<10	10		61682	68	455	523	0.01	0.05	0.05	6.7	91.0
KDL-02	475	625	tr	19098	4	<10	1	<10	5		61682	52	196	248	0.01	0.02	0.02	3.8	196.0
KDL-03	343	775	tr po	19098	2	<10	11	<10	13		61682	47	89	136	0.00	0.01	0.01	1.9	8.0
KDL-04	350	640	tr	19098	5	10	12	11	27	1.2	61682	46	104	150	0.00	0.01	0.02	2.3	8.7
KDL-05	325	830	tr	19098	3	12	11	<10	26	0.9	61682	38	85	123	0.00	0.01	0.01	2.2	7.8
KDL-06	285	680	tr	19098	2	<10	3	<10	5		61682	53	23	76	0.01	0.00	0.01	0.4	7.6
KDL-07	255	885	10 cpy/po	19098	121	212	1344	11	1677	6.3	61682	2390	5760	8150	0.24	0.58	0.82	2.4	4.3
KDL-08	255	885	-	19098	4	10	27	<10	41	2.7	61682	62	127	189	0.01	0.01	0.02	2.0	4.7
KDL-09	250	887	4	19098	52	94	606	<10	752	6.4	61682	820	1870	2690	0.08	0.19	0.27	2.3	3.1
KDL-10	250	800	tr	19098	5	15	36	<10	56	2.4	61682	47	108	155	0.00	0.01	0.02	2.3	3.0
KDL-11	235	875	1	19053	22	37	229	<10	288	6.2	61653	223	479	702	0.02	0.05	0.07	2.1	2.1
KDL-12	n/a	n/a	tr	19053	6	<10	7	<10	13		61653	65	80	145	0.01	0.01	0.01	1.2	11.4
KDL-13	n/a	n/a	tr	19053	5	<10	5	<10	10		61653	56	112	168	0.01	0.01	0.02	2.0	22.4
KDL-14	205	800	-	19053	3	<10	10	12	13		61653	49	103	152	0.00	0.01	0.02	2.1	10.3
KDL-15	185	925	tr	19053	3	<10	12	<10	15		61653	37	91	128	0.00	0.01	0.01	2.4	7.5
KDL-16	150	865	-	19053	4	<10	10	<10	14		61653	68	199	267	0.01	0.02	0.03	2.9	19.9
KDL-17	150	865	-	19053	50	21	113	<10	184	5.4	61653	183	727	910	0.02	0.07	0.09	4.0	6.4
KDL-18	125	875	tr po	19053	18	13	186	<10	217	14.3	61653	72	182	254	0.01	0.02	0.03	2.5	1.0
KDL-19	100	850	-	19053	1	<10	3	<10	4		61653	42	107	149	0.00	0.01	0.01	2.5	35.7
KDL-20	100	610	tr cpy/po	19053	9	12	16	12	37	1.3	61653	43	115	158	0.00	0.01	0.02	2.7	7.2
KDL-21	-5	600	tr	19053	3	<10	11	<10	14		61653	39	162	201	0.00	0.02	0.02	4.2	14.7
KDL-22	-50	615	-	19053	33	19	18	10	70	0.9	61653	396	34	430	0.04	0.00	0.04	0.1	1.9
KDL-23	-50	950	-	19053	5	15	19	<10	39	1.3	61653	47	96	143	0.00	0.01	0.01	2.0	5.0
KDL-24	-250	810	tr	19053	5	<10	15	<10	20		61653	51	95	146	0.01	0.01	0.01	1.9	6.3
KDL-25	-200	800	-	19053	4	<10	12	<10	16		61653	47	77	124	0.00	0.01	0.01	1.6	6.4
KDL-26	-200	705	tr po	19053	13	<10	16	<10	29		61653	87	189	276	0.01	0.02	0.03	2.2	11.8
KDL-27	-305	400	-	19053	5	<10	8	<10	13		61653	65	130	195	0.01	0.01	0.02	2.0	16.3
KDL-28	-610	625	tr	19053	4	12	22	<10	38	1.8	61653	36	89	125	0.00	0.01	0.01	2.5	4.0
KDL-29	-700	590	-	19053	6	<10	7	<10	13		61653	45	126	171	0.00	0.01	0.02	2.8	18.0
KDL-30	700	675	tr	41151/R19323	6	20	17	<10	43	0.9	62237	137	110	247	0.01	0.01	0.02	0.8	6.5
KDL-31	1183	675	tr	41151/R19323	<5	<15	12	<10	12		62237	81	110	191	0.01	0.01	0.02	1.4	9.2
KDL-32	1100	50	tr	41151/R19323	<5	<15	<10	<10	0		62237	133	128	261	0.01	0.01	0.03	1.0	

APPENDIX 2

Sample	Grid E	Grid N	%VS	WO#	SiO2	MgO	Fe2O3	TiO2	Cr2O3	Zr	Co	Se	S	S/Se
					(%)	(%)	(%)	(%)	(%)	(ppm)	(ppm)	(ppm)	(%)	
KDL-01	470	585	tr	61785	49.5	8.7	9.7	0.3	0.0	19.1	40.6	0.5	0.06	1200
KDL-02	475	625	tr	61785	51.3	8.6	9.3	0.5	0.0	34.7	44.4	0.4	0.10	2500
KDL-03	343	775	tr po	61785	51.2	8.6	9.3	0.6	0.1	36.6	45.1	0.1	0.07	7778
KDL-04	350	640	tr	61785	50.6	7.8	10.2	0.5	0.0	36.9	50.5	0.3	0.07	2333
KDL-05	325	830	tr	61785	51.3	8.2	10.1	0.6	0.1	56.4	50.3	0.1	0.09	9000
KDL-06	285	680	tr	61785	45.2	9.8	12.8	1.3	0.0	19.3	51.4	0.1	0.04	4000
KDL-07	255	885	10 cpy/po	61785	48.7	9.6	12.0	0.5	0.2	30.9	137.0	5.2	1.64	3154
KDL-08	255	885	-	61785	51.8	10.0	9.2	0.5	0.2	31.9	45.9	0.1	0.06	6000
KDL-09	250	887	4	61785	51.2	9.4	10.1	0.5	0.2	33.7	76.0	1.7	0.53	3118
KDL-10	250	800	tr	61785	51.1	8.4	9.2	0.5	0.1	33.3	40.8	0.2	0.08	4000
KDL-11	235	875	1	61784	50.2	9.68	9.56	0.46	0.18	34.3	41.1	0.9	0.25	2778
KDL-12	n/a	n/a	tr	61784	50.5	8.97	9.68	0.499	0.07	41.3	46.5	0.3	0.08	2667
KDL-13	n/a	n/a	tr	61784	52.1	9.34	8.88	0.469	0.07	42.7	54.0	0.3	0.07	2333
KDL-14	205	800	-	61784	50.7	8.51	9.51	0.558	0.05	32	47.7	0.2	0.07	3500
KDL-15	185	925	tr	61784	52.2	8.19	9.51	0.553	0.07	43.3	39.2	0.3	0.13	4333
KDL-16	150	865	-	61784	52.3	8.52	10.1	0.551	0.07	38.9	50.0	0.3	0.02	667
KDL-17	150	865	-	61784	51.7	9.04	10.7	0.525	0.07	35	51.2	0.9	0.08	889
KDL-18	125	875	tr po	61784	51.9	9.83	9.4	0.467	0.09	30.1	52.4	0.1	0.05	5000
KDL-19	100	850	-	61784	50.2	7.98	9.81	0.488	0.04	29.5	41.5	0.1	0.04	4000
KDL-20	100	610	tr cpy/po	61784	51.3	8.76	10	0.547	0.05	35.3	44.8	0.2	0.06	3000
KDL-21	-5	600	tr	61784	54.2	7.6	12.6	1.082	0.03	92.2	60.3	0.2	0.07	3500
KDL-22	-50	615	-	61784	39.7	21	24.6	0.534	0.14	21.6	153.0	0.2	0.06	3000
KDL-23	-50	950	-	61784	51.4	8	10.4	0.55	0.04	36.6	51.6	0.3	0.04	1333
KDL-24	-250	810	tr	61784	51.5	8.55	9.89	0.57	0.07	49	37.7	0.2	0.04	2000
KDL-25	-200	800	-	61784	51.4	8.28	10.2	0.582	0.05	45.3	41.6	0.1	0.07	7000
KDL-26	-200	705	tr po	61784	51.3	9.18	10	0.62	0.05	49.5	50.2	0.2	0.09	4500
KDL-27	-305	400	-	61784	50.9	8.57	11.3	0.533	0.03	41.7	50.1	0.3	0.06	2000
KDL-28	-610	625	tr	61784	50.9	8.13	9.36	0.503	0.08	59.5	50.2	0.2	0.05	2500
KDL-29	-700	590	-	61784	51.3	9.15	9.12	0.466	0.06	39.1	41.1	0.3	0.06	2000
KDL-30	700	675	tr	62237	51.3	8.6	9.4	0.5	0.1	32.2	40.5	0.6	0.07	1167
KDL-31	1183	675	tr	62237	53.0	7.5	11.9	0.6	0.0	45.3	47.7	0.8	0.06	750
KDL-32	1100	50	tr	62237	52.3	5.5	10.3	0.6	0.1	38.6	43.9	0.6	0.09	1500

APPENDIX 3

Assay Certificates

XRAL Laboratories, Don Mills, Ontario

Accurassay Laboratories, Thunder Bay, Ontario



LES LABORATOIRES XRAL LABORATORIES

UNE DIVISION DE / A DIVISION OF SGS CANADA INC.
129 AVE. MARCEL BARIL • ROUYN-NORANDA • QUÉBEC J9X 7B9
TÉL.: (819) 764-9108 FAX: (819) 764-4673

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R19098

Nom de la Compagnie/Company: Pacific North West Capital

Bon de Commande No/ P.O. No:

Projet/ Project No : PSK-00

Date Soumis/ Submitted : Oct 25, 2000

Nov 22, 2000

Attention : Scott Jobin-Bevans

O. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB	RH PPB
DL001	5	<10	5	<10
KDL002	4	<10	1	<10
DL003	2	<10	11	<10
DL004	5	10	12	11
DL005	3	12	11	<10
KDL006	2	<10	3	<10
DL007	121	212	1344	11
DL008	4	10	27	<10
KDL009	52	94	606	<10
DL010	5	15	36	<10

ertifie par / Certified by :



Membre du Groupe SGS (Société Générale de Surveillance)



LES LABORATOIRES XRAL LABORATORIES

UNE DIVISION DE / A DIVISION OF SGS CANADA INC.
129 AVE. MARCEL BARIL • ROUYN-NORANDA • QUÉBEC J9X 7B9
TÉL.: (819) 764-9108 FAX: (819) 764-4673

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R19053

Nom de la Compagnie/Company: Pacific North West Capital

Bon de Commande No/ P.O. No:

Projet/ Project No : PSK-00

Date Soumis/ Submitted : Oct 20, 2000

Nov 22, 2000

Attention : Scott Jobin-Bevans

N°. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB	RH PPB
---------------------------------	-----------	-----------	-----------	-----------

DL-11	22	37	229	<10
KDL-12	6	<10	7	<10
KDL-13	5	<10	5	<10
DL-14	3	<10	10	12
DL-15	3	<10	12	<10
KDL-16	4	<10	10	<10
DL-17	50	21	113	<10
DL-18	18	13	186	<10
KDL-19	1	<10	3	<10
KDL-20	9	12	16	12
DL-21	3	<10	11	<10
DL-22	33	19	18	10
KDL-23	5	15	19	<10
DL-24	5	<10	15	<10
DL-25	4	<10	12	<10
KDL-26	13	<10	16	<10
KDL-27	5	<10	8	<10
DL-28	4	12	22	<10
DL-29	6	<10	7	<10

Certifié par / Certified by :



Membre du Groupe SGS (Société Générale de Surveillance)



ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

Certificate of Analysis

Wednesday, November 08, 2000

JB Exploration & Development
225 Ferndale Ave.
Sudbury, ON, CA
P3B3C2
Phone: (705) 524-8060
Fax: (705) 521-0653
Email: scott.jb@sympatico.ca

1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

Date Received : 30-Oct-00

Date Completed : 06-Nov-00

Job # 200041151

Reference :

Sample #: 3 Rock

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
50894	KDL-30	6	20	17	
50895	KDL-31	<5	<15	12	
50896	KDL-32	<5	<15	<10	
50897 Check	KDL-32	<5	<15	<10	

PROCEDURE CODES: ALAPP, ALACP

Certified By:

Page 1 of 1



LES LABORATOIRES XRAL LABORATORIES

UNE DIVISION DE / A DIVISION OF SGS CANADA INC.
129 AVE. MARCEL BARIL • ROUYN-NORANDA • QUÉBEC J9X 7B9
TÉL.: (819) 764-9108 FAX: (819) 764-4673

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R19323

Nom de la Compagnie/Company: Pacific North West Capital

Bon de Commande No/ P.O. No:

rojet/ Project No : PSK-00

ate Soumis/ Submitted : Dec 12, 2000

Attention : Scott Jobin-Bevans

Dec 22, 2000

o. D'Echantillon RH
sample No. PPB

DL-30 <10
KDL-31 <10
"DL-32 <10

ertifie par / Certified by :



Membre du Groupe SGS (Société Générale de Surveillance)



Les Laboratoires XRAL Laboratories
Une Division de / A Division of SGS Canada Inc.

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Téléphone (819) 764-9108
Fax (819) 764-4673

your ref: PSK-00

our ref: 61682/R19098

CERTIFICAT D'ANALYSE/ASSAY CERTIFICATE

November 03, 2000

PACIFIC NORTH WEST CAPITAL CORPORATION
MEZZANINE FLOOR
626, WEST PENDER STREET
VANCOUVER, B.C.
V6B 1V9
ATTN: SCOTT JOBIN-BEVANS

Date soumis/ Submitted: October 25, 2000

No. of samples: 10

No. of pages: 4

ELEMENTS

31 elements scan

METHOD

ICP-70

DETECTION LIMIT

Certifié par/Certified by:

J.J. Landers Gérant/Manager



Member of the SGS Group (Société Générale de Surveillance)



XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 061682

Date: 02/11/00

FINAL

Page 1 of 3

Element Method. Det.Lim. Units.	Be ICP70 0.5 ppm	Na ICP70 0.01 %	Mg ICP70 0.01 %	Al ICP70 0.01 %	P ICP70 0.01 %	K ICP70 0.01 %	Ca ICP70 0.01 %	Sc ICP70 0.5 ppm	Ti ICP70 0.01 %	V ICP70 2 ppm	Cr ICP70 1 ppm	Mn ICP70 2 ppm	Fe ICP70 0.01 %	Co ICP70 1 ppm
KDL001	<0.5	0.03	1.92	1.83	<0.01	0.06	0.27	2.9	0.03	42	103	334	2.87	20
KDL002	<0.5	0.44	0.43	3.55	0.02	0.23	2.22	1.2	0.02	35	60	104	1.19	11
KDL003	<0.5	0.25	1.03	2.88	0.02	0.42	1.55	3.4	0.03	61	112	154	2.04	16
KDL004	<0.5	0.25	0.88	2.68	0.02	0.33	1.26	0.9	0.05	34	38	202	2.04	17
KDL005	<0.5	0.35	0.75	3.23	0.02	0.19	1.86	1.7	0.03	72	60	254	2.06	15
KDL006	<0.5	0.02	1.74	1.70	<0.01	0.04	0.32	1.5	0.12	161	121	353	2.82	24
KDL007	<0.5	0.29	0.45	2.88	0.02	0.09	1.83	1.1	0.02	39	165	97	3.15	82
KDL008	<0.5	0.38	0.43	3.42	0.02	0.17	2.23	1.1	0.02	58	155	110	1.23	8
KDL009	<0.5	0.35	0.33	3.24	0.02	0.16	2.11	0.7	0.02	55	76	76	1.75	27
KDL010	<0.5	0.40	0.31	3.75	0.02	0.19	2.42	1.0	0.02	52	72	84	1.08	7
*Dup KDL001	<0.5	0.03	2.01	1.93	<0.01	0.06	0.29	2.9	0.03	44	105	350	3.00	21



XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 061682 Date: 02/11/00

FINAL

Page 2 of 3

Element. Method. Det.Lim. Units.	Ni ICP70 1 ppm	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	As ICP70 3 ppm	Sr ICP70 0.5 ppm	Y ICP70 0.5 ppm	Zr ICP70 0.5 ppm	Mo ICP70 1 ppm	Ag ICP70 0.2 ppm	Cd ICP70 1 ppm	Sn ICP70 10 ppm	Sb ICP70 5 ppm	Ba ICP70 1 ppm	La ICP70 0.5 ppm
KDL001	68	455	45.8	<3	5.7	1.2	1.6	<1	0.3	<1	<10	<5	17	0.7
KDL002	52	196	14.8	<3	54.0	1.0	1.5	<1	0.5	<1	<10	<5	34	1.0
KDL003	47	88.5	20.8	<3	31.4	2.2	1.6	<1	0.4	<1	<10	<5	59	2.0
KDL004	46	104	22.1	<3	31.1	1.4	1.2	<1	0.3	<1	<10	<5	34	1.1
KDL005	38	85.4	23.3	<3	40.3	2.1	1.9	<1	<0.2	<1	<10	<5	42	2.2
KDL006	53	22.8	26.8	<7	7.2	0.8	1.3	<1	<0.2	<1	<10	<5	16	0.8
KDL007	2390	5760	40.4	<3	39.4	0.8	<0.5	<1	2.2	<1	<10	<5	20	1.2
KDL008	62	127	13.7	<3	48.8	1.0	1.7	<1	<0.2	<1	<10	<5	28	1.5
KDL009	820	1870	23.1	<3	44.5	1.0	0.9	<1	0.8	<1	<10	<5	33	1.1
KDL010	47	108	14.7	<3	52.0	1.0	2.2	<1	0.3	<1	<10	<5	29	1.8
*Dup KDL001	71	457	45.5	<3	6.1	1.3	1.8	<1	0.4	<1	<10	<5	16	0.9



XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 061682

Date: 02/11/00

FINAL

Page 3 of 3

Element. Method. Det.Lim. Units.	W ICP70 10 ppm	Pb ICP70 2 ppm	Bi ICP70 5 ppm	Li ICP70 1 ppm
KDL001	<10	6	<5	20
KDL002	<10	<2	<5	6
KDL003	<10	<2	<5	12
KDL004	<10	<2	<5	14
KDL005	<10	3	<5	12
KDL006	<10	<2	<5	16
KDL007	<10	<5	*INF	7
KDL008	<10	<2	<5	5
KDL009	<10	3	*INH	4
KDL010	<10	<2	<5	6
*Dup KDL001	<10	4	<5	21



Les Laboratoires XRAL Laboratories
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Fax (819) 764-4673

your ref: PSK-00

our ref: 61653/R19053

CERTIFICAT D'ANALYSE/ASSAY CERTIFICATE

November 01, 2000

**PACIFIC NORTH WEST CAPITAL CORPORATION
MEZZANINE FLOOR
626, WEST PENDER STREET
VANCOUVER, B.C.
V6B 1V9
ATTN: SCOTT JOBIN-BEVANS**

Date soumis/ Submitted: October 20, 2000

No. of samples: 19

No. of pages: 4

ELEMENTS

METHOD

DETECTION LIMIT

31 elements scan

ICP-70

Certifié par/Certified by:

J.J. Landers Gérant/Manager



Member of the SGS Group (Société Générale de Surveillance)



XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 061653 Date: 01/11/00

FINAL

Page 1 of 3

Element, Method, Det.Lim. Units.	Be ICP70 0.5 ppm	Na ICP70 0.01 %	Mg ICP70 0.01 %	Al ICP70 0.01 %	P ICP70 0.01 %	K ICP70 0.01 %	Ca ICP70 0.01 %	Sc ICP70 0.5 ppm	Ti ICP70 0.01 %	V ICP70 2 ppm	Cr ICP70 1 ppm	Mn ICP70 2 ppm	Fe ICP70 0.01 %	Co ICP70 1 ppm
KDL11	<0.5	0.16	0.73	1.79	0.01	0.07	1.00	0.5	0.03	22	200	161	1.38	19
KDL12	<0.5	0.11	1.29	1.88	0.01	0.04	0.80	2.1	0.06	33	187	274	1.92	19
KDL13	1.0	0.33	0.89	3.21	0.02	0.26	1.90	2.8	0.03	38	114	170	1.72	14
KDL14	<0.5	0.27	1.04	2.86	0.02	0.10	1.44	1.8	0.03	39	93	266	1.88	16
KDL15	<0.5	0.51	0.43	4.28	0.02	0.25	2.73	1.4	0.03	59	91	137	1.53	11
KDL16	<0.5	0.44	0.32	3.63	0.02	0.14	2.23	1.3	0.03	47	98	119	1.01	7
KDL17	<0.5	0.44	0.25	3.69	0.02	0.11	2.21	1.0	0.02	39	86	62	1.21	8
KDL18	<0.5	0.39	0.44	3.37	0.02	0.21	2.06	0.9	0.02	28	70	94	1.07	9
KDL19	<0.5	0.16	0.97	1.94	0.01	0.12	0.89	2.1	0.03	34	76	187	1.66	14
KDL20	<0.5	0.30	0.48	2.84	0.02	0.17	1.78	0.7	0.03	36	70	129	1.31	10
KDL21	<0.5	0.10	0.91	1.15	0.04	0.11	0.66	4.8	0.07	96	65	216	2.17	18
KDL22	<0.5	0.02	4.70	0.91	0.01	0.07	0.12	4.2	0.02	77	181	258	7.40	70
KDL23	<0.5	0.38	0.85	3.40	0.02	0.42	1.87	2.3	0.04	48	65	207	1.97	16
KDL24	<0.5	0.31	1.24	2.97	0.02	0.17	1.59	3.2	0.06	56	139	217	1.94	17
KDL25	<0.5	0.22	0.91	2.24	0.02	0.09	1.14	1.3	0.06	36	96	225	1.67	14
KDL26	<0.5	0.22	1.65	2.68	0.02	0.09	1.21	3.7	0.05	82	102	247	2.52	24
KDL27	<0.5	0.09	1.22	1.88	0.02	0.08	0.66	1.9	0.06	47	66	323	2.68	19
KDL28	<0.5	0.50	0.46	4.44	0.02	0.20	2.93	1.4	0.02	55	75	120	1.30	9
*Dup KDL11	<0.5	0.59	0.50	4.73	0.02	0.21	3.07	1.9	0.02	38	77	122	1.23	10
*Dup KDL23	<0.5	0.16	0.76	1.88	0.01	0.07	1.05	0.6	0.03	23	202	179	1.45	20
	<0.5	0.39	0.85	3.47	0.02	0.42	1.91	2.4	0.04	49	65	210	1.99	17



XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 061653

Date: 01/11/00

FINAL

Page 2 of 3

Element, Method, Det.Lim. Units.	Ni ICP70 1 ppm	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	As ICP70 3 ppm	Sr ICP70 0.5 ppm	Y ICP70 0.5 ppm	Zr ICP70 0.5 ppm	Mo ICP70 1 ppm	Ag ICP70 0.2 ppm	Cd ICP70 1 ppm	Sn ICP70 10 ppm	Sb ICP70 5 ppm	Ba ICP70 1 ppm	La ICP70 0.5 ppm
KDL11	223	479	78.4	<3	25.9	0.7	1.4	<1	0.5	<1	<10	<5	8	<0.5
KDL12	65	79.9	61.7	<6	20.5	1.7	2.5	<1	0.3	<1	<10	<5	14	0.9
KDL13	56	112	38.2	<3	43.6	2.3	2.0	<1	0.4	<1	<10	<5	73	2.7
KDL14	49	103	54.1	<3	32.4	1.2	1.7	<1	0.4	<1	<10	<5	26	<0.5
KDL15	37	90.5	37.7	<3	60.5	2.0	2.6	<1	0.3	<1	<10	<5	57	1.5
KDL16	68	199	22.7	<3	50.0	1.0	2.3	<1	<0.2	<1	<10	<5	28	1.2
KDL17	183	727	18.8	<3	49.5	0.8	1.6	<1	0.5	<1	<10	<5	24	0.8
KDL18	72	182	21.6	<3	47.4	0.7	2.0	<1	0.4	<1	<10	<5	35	0.8
KDL19	42	107	21.6	<3	22.0	1.1	1.7	<1	0.2	<1	<10	<5	16	0.5
KDL20	43	115	24.1	<3	41.4	1.0	2.4	<1	0.3	<1	<10	<5	37	0.9
KDL21	39	162	50.1	<3	12.8	3.9	5.3	<1	0.2	<1	<10	<5	21	2.3
KDL22	396	33.8	24.6	<3	2.5	1.0	3.1	<1	0.2	<2	<10	<5	32	1.0
KDL23	47	95.7	23.9	<3	44.5	2.0	2.5	<1	<0.2	<1	<10	<5	56	1.5
KDL24	51	94.7	25.7	<3	37.9	3.1	3.1	<1	<0.2	<1	<10	<5	28	1.7
KDL25	47	76.7	26.5	<3	27.4	2.1	1.6	<1	<0.2	<1	<10	<5	15	1.2
KDL26	87	189	20.9	<3	32.8	2.9	3.7	<1	0.3	<1	<10	<5	21	2.3
KDL27	65	130	32.3	<3	14.8	2.4	3.4	<1	0.4	<1	<10	<5	20	1.3
KDL28	36	88.8	19.4	<3	61.7	1.2	1.7	<1	0.4	<1	<10	<5	40	1.4
KDL29	45	126	17.4	<3	70.4	1.1	2.1	<1	0.5	<1	<10	<5	50	1.3
*Dup KDL11	237	494	84.2	<3	27.3	0.8	1.7	<1	0.6	<1	<10	<5	9	<0.5
*Dup KDL23	49	97.5	24.1	<3	45.6	2.0	2.9	<1	0.4	<1	<10	<5	58	1.6



XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 061653

Date: 01/11/00

FINAL

Page 3 of 3

Element. Method. Det.Lim. Units.	W ICP70 10 ppm	Pb ICP70 2 ppm	Bi ICP70 5 ppm	Li ICP70 1 ppm
KDL11	<10	37	<5	12
KDL12	<10	11	<5	11
KDL13	<10	4	<5	9
KDL14	<10	21	<5	17
KDL15	<10	6	<5	7
KDL16	<10	<2	<5	5
KDL17	<10	<2	<5	4
KDL18	<10	<2	<5	7
KDL19	<10	<2	<5	13
KDL20	<10	4	<5	7
KDL21	<10	4	<5	13
KDL22	<10	4	<5	1
KDL23	<10	<2	<5	13
KDL24	<10	<2	<5	22
KDL25	<10	2	<5	12
KDL26	<10	<2	<5	28
KDL27	<10	<2	<5	16
KDL28	<10	<2	<5	6
KDL29	<10	36	<5	4
*Dup KDL11	<10	<2	<5	12
*Dup KDL23	<10	<2	<5	13



Member of the SGS Group (Société Générale de Surveillance)



Les Laboratoires XRAL Laboratories
Une Division de / A Division of SGS Canada Inc.

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Téléphone (819) 764-9108
Fax (819) 764-4673

your ref: PSK-00

our ref: 62237/R19323

CERTIFICAT D'ANALYSE/ASSAY CERTIFICATE

December 18, 2000

PACIFIC NORTH WEST CAPITAL CORPORATION
MEZZANINE FLOOR
626, WEST PENDER STREET
VANCOUVER, B.C.
V6B 1V9
ATTN: SCOTT JOBIN-BEVANS

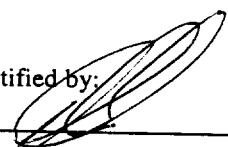
Date soumis/ Submitted: December 12, 2000

No. of samples: 3

No. of pages: 8

ELEMENTS	METHOD	DETECTION LIMIT
Whole Rock analysis	XRF-103	
S	CHM-112	
Se	AAH70	
	MS/04	

Certifié par/Certified by:


J.J. Landers Gérant/Manager



Member of the SGS Group (Société Générale de Surveillance)



XRAL Laboratories
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Work Order: 062237

PRELIMINARY

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Element.	SiO ₂	Al ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	Fe ₂ O ₃	MnO	TiO ₂	P ₂ O ₅	Cr ₂ O ₃	LOI	Sum	Rb
Method.	XRF103	XRF103	XRF103	XRF103	XRF103	XRF103	XRF103	XRF103	XRF103	XRF103	XRF103	XRF103	XRF103	XRF103
Det.Lim.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01A	0.01
Units.	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm
*Std XRAL04	48.5	14.8	10.8	11.7	1.34	0.42	9.40	0.16	0.382	0.04	0.06	2.35	99.9	13
KDL-30	51.3	14.5	11.5	8.59	1.59	0.87	9.40	0.18	0.502	0.05	0.07	1.30	99.9	37
KDL-31	53.0	13.8	10.4	7.53	1.81	0.50	11.9	0.20	0.607	0.06	0.02	0.20	100.1	21
KDL-32	52.3	14.2	11.4	8.46	1.57	0.49	10.3	0.18	0.569	0.06	0.06	0.35	100.0	19
*Dup KDL-30	51.5	14.5	11.5	8.57	1.59	0.87	9.42	0.18	0.501	0.05	0.07	1.20	100.0	37

TUE 02:47 PM XRAL LABS

FAX NO. 4164454152

P. 02



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PRELIMINARY

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Element.	Sr XRF103 2 ppm	Y XRF103 2 ppm	Zr XRF103 2 ppm	Nb XRF103 2 ppm	Ba XRF103 20 ppm
*Std XRAL04	101	8	29	<2	68
KDL-30	121	14	37	2	159
KDL-31	122	17	51	2	104
KDL-32	116	14	43	<2	118
*Dup KDL-30	122	14	38	<2	159

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PRELIMINARY

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Element. Method. Det.Lim. Units.	Ag MS104 1 ppm	Ba MS104 0.5 ppm	Cd MS104 1 ppm	Ce MS104 0.5 ppm	Co MS104 0.5 ppm	Cs MS104 0.1 ppm	Cu MS104 5 ppm	Dy MS104 0.1 ppm	Er MS104 0.1 ppm	Eu MS104 0.1 ppm	Ga MS104 1 ppm	Gd MS104 0.1 ppm	Hf MS104 1 ppm	Ho MS104 0.1 ppm
KDL-30	<1	136	<1	10.5	40.5	4.2	110	2.4	1.4	0.5	13	1.9	<1	0.5
KDL-31	<1	108	<1	13.5	47.7	1.6	110	3.0	1.7	0.6	14	2.4	<1	0.6
KDL-32	<1	105	<1	12.0	43.9	2.7	128	2.8	1.6	0.5	14	2.4	<1	0.6
*Dup KDL-30	<1	140	<1	10.6	39.2	4.1	113	2.5	1.5	0.5	13	1.8	<1	0.5
*Blk BLANK	<1	<0.5	<1	<0.5	<0.5	<0.1	<5	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1
*Std SO3	2	290	<1	33.4	5.8	1.2	17	3.0	1.9	0.8	7	3.3	4	0.5

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	La MSI04 0.5 ppm	Lu MSI04 0.1 ppm	Mo MSI04 2 ppm	Nb MSI04 1 ppm	Nd MSI04 0.5 ppm	Ni MSI04 5 ppm	Pb MSI04 5 ppm	Pr MSI04 0.2 ppm	Rb MSI04 0.2 ppm	Sc MSI04 0.5 ppm	Sm MSI04 0.1 ppm	Sn MSI04 1 ppm	Sr MSI04 0.1 ppm	Ta MSI04 0.5 ppm
30	5.0	0.2	<2	2	5.9	137	7	1.2	48.2	36.9	1.7	<1	127	<0.5
31	7.0	0.3	<2	3	7.9	81	<5	1.6	24.7	42.4	2.1	<1	133	<0.5
32	5.6	0.2	<2	2	6.7	133	10	1.4	22.8	40.7	2.0	<1	136	<0.5
KDL-30	5.2	0.2	<2	2	6.0	132	6	1.3	50.6	37.7	1.8	<1	131	<0.5
BLANK	<0.5	<0.1	<2	<1	<0.5	<5	<5	<0.2	<0.2	<0.5	<0.1	<1	<0.1	<0.5
103	16.5	0.2	<2	6	17.1	15	11	4.0	38.7	4.5	3.6	1	231	<0.5

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062237

PRELIMINARY

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Tb MS104 0.1 ppm	Th MS104 1 ppm	Tl MS104 0.5 ppm	Tm MS104 0.1 ppm	U MS104 0.5 ppm	V MS104 5 ppm	W MS104 1 ppm	Y MS104 1 ppm	Yb MS104 0.1 ppm	Zn MS104 5 ppm	Zr MS104 0.5 ppm
0.4	1	<0.5	0.2	<0.5	235	<1	12	1.4	69	32.2
0.4	2	<0.5	0.2	<0.5	277	<1	16	1.7	92	45.3
0.4	2	<0.5	0.3	<0.5	250	<1	14	1.6	88	38.6
0.3	1	<0.5	0.2	<0.5	226	<1	12	1.4	73	31.3
<0.1	<1	<0.5	<0.1	<0.5	<5	<1	<1	<0.1	<5	<0.5
0.5	3	<0.5	0.2	0.9	36	<1	16	1.8	49	153



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Work Order: 062237

PRELIMINARY

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Element. S
Method. CHM112
Det.Lim. 0.01
Units. %

KDL-30	0.07
KDL-31	0.06
KDL-32	0.09
*Dup KDL-30	0.07
*Std HV_1	0.34

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Element.	Se
Method.	AAS70
Det.Lim.	0.1
Units.	ppm
KDL-30	0.6
KDL-31	0.8
KDL-32	0.6
*Dup KDL-30	0.7
*BLK BLANK	<0.1
*Std STANDARD	n.a.

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Les Laboratoires XRAL Laboratories
Une Division de / A Division of SGS Canada Inc.

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your ref: PSK-00

our ref: 61785/R19098

CERTIFICAT D'ANALYSE/ASSAY CERTIFICATE

December 18, 2000

PACIFIC NORTH WEST CAPITAL CORPORATION
MEZZANINE FLOOR
626, WEST PENDER STREET
VANCOUVER, B.C.
V6B 1V9
ATTN: SCOTT JOBIN-BEVANS

Date soumis/ Submitted: December 12, 2000

No. of samples: 10

No. of pages: 8

ELEMENTS	METHOD	DETECTION LIMIT
Whole Rock analysis	XRF-103	
S	CHM-112	
Se	AAH70	
	MS/04	

Certifié par/Certified by:

J.J. Landers Gérant/Manager



Member of the SGS Group (Société Générale de Surveillance)



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PRELIMINARY

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Element. Method. Det.Lim. Units.	SiO ₂ XRF103 0.01 %	Al ₂ O ₃ XRF103 0.01 %	CaO XRF103 0.01 %	MgO XRF103 0.01 %	Na ₂ O XRF103 0.01 %	K ₂ O XRF103 0.01 %	Fe ₂ O ₃ XRF103 0.01 %	MnO XRF103 0.01 %	TiO ₂ XRF103 0.001 %	P ₂ O ₅ XRF103 0.01 %	Cr ₂ O ₃ XRF103 0.01 %	LOI XRF103 0.01A %	Sum XRF103 0.01 %	Rb 2 ppm ppm
*Std XRAL04	48.6	14.8	10.9	11.8	1.34	0.40	9.44	0.16	0.386	0.04	0.06	2.40	100.3	14
KDL-01	49.5	16.5	9.15	8.70	2.14	0.75	9.70	0.14	0.325	0.03	0.03	3.00	100.0	22
KDL-02	51.3	14.4	11.8	8.64	1.52	0.72	9.25	0.17	0.472	0.04	0.03	0.50	98.9	19
KDL-03	51.2	14.4	11.3	8.55	1.48	0.88	9.34	0.13	0.551	0.05	0.09	1.35	99.4	40
KDL-04	50.6	14.6	11.6	7.82	1.53	0.73	10.2	0.19	0.521	0.18	0.02	1.30	99.3	29
KDL-05	51.3	14.2	11.3	8.18	1.68	0.52	10.1	0.18	0.580	0.06	0.06	0.90	99.1	21
KDL-06	45.2	14.7	10.8	9.75	1.48	0.53	12.8	0.21	1.302	0.03	0.04	2.50	99.4	16
KDL-07	48.7	12.1	11.9	9.58	1.16	0.46	12.0	0.17	0.503	0.05	0.16	1.70	98.6	14
KDL-08	51.8	12.8	12.7	10.0	1.33	0.50	9.18	0.17	0.488	0.04	0.18	0.55	99.8	13
KDL-09	51.2	13.1	12.7	9.43	1.37	0.37	10.1	0.17	0.508	0.05	0.15	0.70	99.9	13
KDL-10	51.1	14.9	12.4	8.44	1.49	0.57	9.23	0.16	0.513	0.05	0.10	0.40	99.4	16
*Dup KDL-01	49.5	16.5	9.14	8.70	2.15	0.75	9.69	0.14	0.326	0.02	0.03	2.90	99.8	23

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Element. Method. Det.Lim. Units.	Sr XRF103 2 ppm	Y XRF103 2 ppm	Zr XRF103 2 ppm	Nb XRF103 2 ppm	Ba XRF103 20 ppm
*Std XRAL04	99	12	28	<2	72
KDL-01	128	10	23	<2	90
KDL-02	142	10	33	<2	83
KDL-03	119	12	39	<2	143
KDL-04	121	13	38	<2	98
KDL-05	110	15	41	<2	123
KDL-06	230	10	28	<2	106
KDL-07	101	14	30	<2	85
KDL-08	113	11	33	<2	85
KDL-09	107	12	33	<2	91
KDL-10	130	13	33	<2	73
*Dup KDL-01	127	9	22	<2	88



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Element. Method. Det.Lim. Units.	Ag MS104 1 ppm	Ba MS104 0.5 ppm	Cd MS104 1 ppm	Ce MS104 0.5 ppm	Co MS104 0.5 ppm	Cs MS104 0.1 ppm	Cu MS104 5 ppm	Dy MS104 0.1 ppm	Er MS104 0.1 ppm	Eu MS104 0.1 ppm	Ga MS104 1 ppm	Gd MS104 0.1 ppm	Hf MS104 1 ppm	Ho MS104 0.1 ppm
KDL-01	2	96.0	< 1	6.4	40.6	0.4	505	1.4	0.9	0.7	13	1.2	2	0.3
KDL-02	3	75.6	< 1	9.1	44.4	1.1	213	2.0	1.4	0.5	14	1.9	2	0.5
KDL-03	2	120	< 1	11.1	45.1	3.7	91	2.5	1.7	0.6	15	2.3	2	0.6
KDL-04	2	86.9	< 1	11.4	50.5	2.9	122	2.4	1.8	0.6	16	2.1	2	0.5
KDL-05	3	123	< 1	11.8	50.3	1.9	114	2.7	1.8	0.7	17	2.3	3	0.6
KDL-06	3	97.2	< 1	10.3	51.4	0.3	49	1.5	1.1	0.6	18	1.5	2	0.3
KDL-07	5	69.5	< 1	9.2	137	1.1	4810	2.2	1.5	0.5	13	2.3	2	0.5
KDL-08	2	69.8	< 1	9.2	45.9	1.0	162	2.4	1.5	0.5	13	2.3	2	0.5
KDL-09	3	73.1	< 1	9.7	76.0	1.0	1940	2.4	1.6	0.5	14	2.1	2	0.5
KDL-10	2	73.5	< 1	9.4	40.8	0.9	135	2.4	1.4	0.5	14	2.0		
*Dup KDL-01	2	92.8	< 1	6.5	40.9	< 0.5	472	< 1.5	< 0.9	< 0.8	< 13	< 1.3	2	0.3
*BLK BLANK	2	<0.5	< 1	< 0.5	< 0.5	< 1.2	< 19	< 2.8	< 1.8	< 0.7	< 1	< 0.1	1.6	0.6
*Std SO3	3	295	< 1	33.5	5.6								3.2	

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TUE 10:23 AM XRAL LABS

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Element, Method. Det.Lim. Units.	La MS104 0.5 ppm	Lu MS104 0.1 ppm	Mo MS104 2 ppm	Nb MS104 1 ppm	Nd MS104 0.5 ppm	Ni MS104 5 ppm	Pb MS104 5 ppm	Pr MS104 0.2 ppm	Rb MS104 0.2 ppm	Sc MS104 0.5 ppm	Sm MS104 0.1 ppm	Sn MS104 1 ppm	Sr MS104 0.1 ppm	Ta MS104 0.5 ppm
KDL-01	2.9	0.2	< 2	1	3.6	150	7	0.8	21.4	38.7	1.2	< 1	153	< 0.5
KDL-02	4.1	0.2	< 2	2	5.2	177	5	1.2	15.5	46.3	1.4	< 1	171	< 0.5
KDL-03	5.1	0.3	< 2	2	6.2	140	6	1.4	36.9	37.5	2.1	< 1	125	< 0.5
KDL-04	5.3	0.3	< 2	2	6.4	142	7	1.5	29.7	38.5	1.8	< 1	143	< 0.5
KDL-05	5.7	0.3	< 2	3	7.5	159	7	1.6	17.4	47.6	2.1	< 1	135	< 0.5
KDL-06	4.3	0.2	< 2	3	5.3	154	5	1.2	15.5	36.9	1.6	< 1	267	< 0.5
KDL-07	4.4	0.3	< 2	2	5.5	2890	11	1.3	11.9	43.7	1.7	< 1	117	< 0.5
KDL-08	4.1	0.2	< 2	2	5.3	288	5	1.3	12.7	45.0	1.7	< 1	126	< 0.5
KDL-09	4.5	0.2	< 2	2	6.4	1110	7	1.3	10.7	44.6	2.0	< 1	127	< 0.5
KDL-10	4.0	0.3	< 2	2	5.7	264	7	1.3	12.3	40.8	1.6	< 1	148	< 0.5
*Dup KDL-01	< 3.1	< 0.2	< 2	< 1	< 3.8	158	8	0.9	21.4	38.4	1.2	< 1	149	< 0.5
*Blk BLANK	< 0.5	< 0.1	< 2	< 7	< 0.5	< 5	< 13	0.2	< 0.5	< 0.5	0.2	< 1	241	< 0.8
*Std SO3	< 15.6	< 0.3	< 2	< 7	< 17.1	16	< 4.4	36.3	5.2	3.5	< 1	< 1	< 1	< 0.5



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PRELIMINARY

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Element. Method. Det.Lim. Units.	Tb MS104 0.1 ppm	Th MS104 1 ppm	Tl MS104 0.5 ppm	Tm MS104 0.1 ppm	U MS104 0.5 ppm	V MS104 5 ppm	W MS104 1 ppm	Y MS104 1 ppm	Yb MS104 0.1 ppm	Zn MS104 5 ppm	Zr MS104 0.5 ppm	
KDL-01	0.2	< V	1 < V	0.5	0.1	0.5	190	1	8	0.9	75	19.1
KDL-02	0.3	< V	1 < V	0.5	0.2	0.5	260	1	12	1.4	69	34.7
KDL-03	0.4	< V	1 < V	0.5	0.2	0.5	229	1	12	1.5	49	36.6
KDL-04	0.4	< V	1 < V	0.5	0.2	0.5	245	1	12	1.5	69	36.9
KDL-05	0.4	< V	1 < V	0.5	0.2	0.5	264	1	20	1.7	79	56.4
KDL-06	0.3	< V	1 < V	0.5	0.2	0.5	759	1	9	1.1	71	19.3
KDL-07	0.3	< V	1 < V	0.5	0.2	0.5	256	1	11	1.4	85	30.9
KDL-08	0.4	< V	1 < V	0.5	0.2	0.5	252	1	12	1.4	64	31.9
KDL-09	0.4	< V	1 < V	0.5	0.3	0.5	250	1	13	1.5	70	33.7
KDL-10	0.4	< V	1 < V	0.5	0.2	0.5	250	1	12	1.5	68	33.3
*Dup KDL-01	0.2	< V	1 < V	0.5	< V	0.1	183	1	8	0.8	67	20.4
*Blk BLANK	0.1	< V	1 < V	0.5	< V	0.1	40	1	17	0.1	49	< 0.5
*Std SO3	0.5	< V	4 < V	0.5	< V	0.3	1.2	< V	< V	1.7	171	



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PRELIMINARY

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Element.	Se
Method.	AAH70
Det.Lim.	0.1
Units.	ppm
KDL-01	0.5
KDL-02	0.4
KDL-03	<0.1
KDL-04	0.3
KDL-05	0.1
KDL-06	<0.1
KDL-07	5.2
KDL-08	<0.1
KDL-09	1.7
KDL-10	0.2
*Dup KDL-01	0.4
*BLK BLANK	<0.1
*Std STANDARD	n.a.



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PRELIMINARY

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Element.	S
Method.	CHM112
Det.Lim.	0.01
Units.	%
KDL-01	0.06
KDL-02	0.10
KDL-03	0.07
KDL-04	0.07
KDL-05	0.09
KDL-06	0.04
KDL-07	1.64
KDL-08	0.06
KDL-09	0.53
KDL-10	0.08
*Dup KDL-01	0.07
*Std PR_1	0.78

TUE 10:25 AM XRAL LABS

FAX NO. 4164454152



Les Laboratoires XRAL Laboratories
Une Division de / A Division of SGS Canada Inc.



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Fax (819) 764-4673

your ref: PSK-00

our ref: 61784/R19053

CERTIFICAT D'ANALYSE/ASSAY CERTIFICATE

December 18, 2000

PACIFIC NORTH WEST CAPITAL CORPORATION
MEZZANINE FLOOR
626, WEST PENDER STREET
VANCOUVER, B.C.
V6B 1V9
ATTN: SCOTT JOBIN-BEVANS

Date soumis/ Submitted: December 12, 2000

No. of samples: 19

No. of pages: 8

ELEMENTS	METHOD	DETECTION LIMIT
Whole Rock analysis	XRF-103	
S	CHM-112	
Se	AAH70	
	MS/04	

Certifié par/Certified by:



J.J. Landers Gerant/Manager



Member of the SGS Group (Société Générale de Surveillance)



XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 061784

PRELIMINARY

Page 1 of 7

Element. Method. Det.Lim. Units.	PRELIMINARY												Rb 2 ppm	
	SiO ₂ XRF103 0.01 %	Al ₂ O ₃ XRF103 0.01 %	CaO XRF103 0.01 %	MgO XRF103 0.01 %	Na ₂ O XRF103 0.01 %	K ₂ O XRF103 0.01 %	Fe ₂ O ₃ XRF103 0.01 %	MnO XRF103 0.01 %	TiO ₂ XRF103 0.001 %	P ₂ O ₅ XRF103 0.01 %	Cr ₂ O ₃ XRF103 0.01 %	LOI XRF103 0.01A %	Sum XRF103 0.01 %	XRF103 0.01 %
	%	%	%	%	%	%	%	%	%	%	%	%	%	%
*Std XRAL04	47.8	14.6	10.8	11.6	1.34	0.42	9.33	0.16	0.370	0.04	0.06	2.50	99.1	15
KDL-11	50.2	13.1	12.6	9.68	1.35	0.41	9.56	0.17	0.460	0.04	0.18	1.70	99.5	10
KDL-12	50.5	14.2	11.9	8.97	1.28	0.37	9.68	0.15	0.499	0.04	0.07	2.40	100.1	9
KDL-13	52.1	13.8	10.4	9.34	1.70	0.57	8.88	0.15	0.469	0.05	0.07	1.55	99.1	22
KDL-14	50.7	14.8	10.9	8.51	1.67	0.46	9.51	0.17	0.558	0.05	0.05	1.95	99.4	17
KDL-15	52.2	15.5	11.8	8.19	1.57	0.55	9.51	0.17	0.553	0.06	0.07	0.40	100.6	18
KDL-16	52.3	14.2	11.3	8.52	1.52	0.45	10.1	0.18	0.551	0.06	0.07	0.50	99.7	19
KDL-17	51.7	14.1	11.6	9.04	1.46	0.33	10.7	0.17	0.525	0.06	0.07	0.75	100.6	12
KDL-18	51.9	14.1	11.4	9.83	1.38	0.65	9.40	0.17	0.467	0.05	0.09	0.70	100.2	17
KDL-19	50.2	15.3	10.3	7.98	2.05	0.97	9.81	0.16	0.488	0.04	0.04	1.70	99.1	30
KDL-20	51.3	14.2	11.7	8.76	1.63	0.54	10.0	0.18	0.547	0.07	0.05	1.15	100.2	19
KDL-21	54.2	11.1	9.27	7.60	1.93	0.62	12.6	0.21	1.082	0.10	0.03	1.25	100.0	15
KDL-22	39.7	4.32	3.01	21.0	0.34	0.17	24.6	0.13	0.534	0.04	0.14	4.85	98.9	10
KDL-23	51.4	14.8	11.4	8.00	1.56	0.72	10.4	0.17	0.550	0.05	0.04	0.75	99.8	38
KDL-24	51.5	14.4	10.8	8.55	1.65	0.66	9.89	0.17	0.570	0.06	0.07	1.75	100.1	20
KDL-25	51.4	14.2	11.2	8.28	1.61	0.47	10.2	0.18	0.582	0.06	0.05	1.85	100.2	16
KDL-26	51.3	13.7	9.31	9.18	1.65	0.72	10.0	0.16	0.620	0.06	0.05	2.35	99.2	23
KDL-27	50.9	13.4	10.3	8.57	1.65	0.52	11.3	0.18	0.533	0.05	0.03	2.30	99.8	21
KDL-28	50.9	15.1	12.2	8.13	1.54	0.41	9.36	0.16	0.503	0.05	0.08	0.50	98.9	15
KDL-29	51.3	14.5	11.6	9.15	1.49	0.34	9.12	0.16	0.466	0.04	0.06	0.65	98.9	14
*Dup KDL-11	50.4	13.1	12.6	9.72	1.35	0.41	9.58	0.17	0.460	0.04	0.18	1.55	99.6	10
*Dup KDL-23	51.5	14.8	11.5	8.00	1.55	0.72	10.4	0.18	0.550	0.05	0.04	0.90	100.1	38

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Sample ID	Sr XRF103	Y XRF103	Zr XRF103	Nb XRF103	Ba XRF103
	ppm	ppm	ppm	ppm	ppm
Std XRAL04	99	10	29	3	90
JL-11	153	11	32	2	66
JL-12	192	14	41	2	95
JL-13	140	14	41	4	162
JL-14	116	13	31	<2	137
JL-15	130	15	38	3	127
JL-16	109	15	42	2	114
JL-17	102	13	34	<2	96
JL-18	128	12	31	<2	82
JL-19	164	13	30	<2	120
JL-20	136	13	36	<2	115
JL-21	125	30	83	4	97
JL-22	15	7	24	<2	63
JL-23	126	18	41	<2	115
JL-24	130	16	43	<2	97
JL-25	160	13	47	2	87
JL-26	137	16	49	<2	134
JL-27	126	17	43	2	113
JL-28	111	13	37	<2	99
JL-29	110	9	35	<2	97
Dup KDL-11	152	11	33	2	66
Dup KDL-23	127	17	42	<2	116

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	Ag MS104 1 ppm	Ba MS104 0.5 ppm	Cd MS104 1 ppm	Ce MS104 0.5 ppm	Co MS104 0.5 ppm	Cs MS104 0.1 ppm	Cu MS104 5 ppm	Dy MS104 0.1 ppm	Er MS104 0.1 ppm	Eu MS104 0.1 ppm	Ga MS104 1 ppm	Gd MS104 0.1 ppm	Hf MS104 1 ppm	Ho MS104 0.1 ppm
2	51.4	<	1	8.6	41.1	0.9	570	2.1	1.4	0.5	12	1.7	2	0.5
3	84.5	<	1	11.1	46.5	1.0	100	2.6	1.5	0.7	16	2.0	3	0.5
3	148	<	1	14.4	54.0	2.6	135	2.5	1.5	0.6	14	2.1	2	0.5
2	123	<	1	9.8	47.7	2.2	119	2.7	1.5	0.5	14	1.8	3	0.6
2	109	<	1	12.0	39.2	2.2	111	2.7	1.6	0.6	14	2.2	2	0.6
2	87.0	<	1	12.2	50.0	0.8	223	2.6	1.8	0.6	13	2.1	2	0.5
3	70.7	<	1	10.3	51.2	0.5	758	2.1	1.6	0.5	15	2.3	3	0.5
3	83.2	<	1	10.3	52.4	1.5	205	2.6	1.6	0.6	13	2.1	3	0.5
2	130	<	1	9.5	41.5	1.4	123	2.1	1.6	0.5	14	2.1	3	0.5
3	107	<	1	11.7	44.8	1.2	142	2.9	1.5	0.6	14	1.8	3	0.5
2	104	<	1	22.7	60.3	1.3	180	4.8	2.7	0.9	14	4.3	4	1.0
3	46.4	<	1	6.1	153	0.5	44	1.2	0.6	0.3	7	1.0	2	0.2
2	115	<	1	11.4	51.6	3.3	112	2.3	1.5	0.7	15	2.1	3	0.6
2	93.2	<	1	12.9	37.7	1.7	109	2.8	1.7	0.7	14	2.0	3	0.6
2	85.9	<	1	12.1	41.6	1.2	91	2.7	1.7	0.8	15	2.2	4	0.5
2	159	<	1	16.5	50.2	1.5	224	3.3	1.9	0.8	14	2.4	3	0.8
2	110	<	1	12.6	50.1	1.2	155	3.2	1.8	0.7	14	2.5	3	0.6
3	87.7	<	1	10.2	50.2	1.4	109	2.4	1.3	0.7	14	2.6	3	0.6
2	86.8	<	1	10.6	41.1	1.2	151	2.6	1.6	0.6	13	1.8	2	0.5
3	50.4	<	1	8.5	44.8	0.9	549	2.1	1.3	0.6	11	1.7	3	0.5
2	114	<	1	11.4	49.9	3.4	113	<	2.6	0.8	< 14	2.0	3	0.6
4	<0.5	<	1	0.5	<0.5	0.1	< 5	<	0.1	0.1	< 1	0.1	10	0.1
3	292	<	1	37.1	5.6	1.3	15	<	3.2	2.0	< 6	3.8	<	0.7

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Element. Method. Det.Lim. Units.	La MS104 0.5 ppm	Lu MS104 0.1 ppm	Mo MS104 2 ppm	Nb MS104 1 ppm	Nd MS104 0.5 ppm	Ni MS104 5 ppm	Pb MS104 5 ppm	Pr MS104 0.2 ppm	Rb MS104 0.2 ppm	Sc MS104 0.5 ppm	Sm MS104 0.1 ppm	Sn MS104 1 ppm	Sr MS104 0.1 ppm	Ta MS104 0.5 ppm
KDL-11	3.8	0.2	< 2	2	5.0	375	45	1.1	14.0	46.1	1.2	< 1	187	< 0.5
KDL-12	5.2	0.2	< 2	2	6.9	162	19	1.4	21.0	44.0	1.9	< 1	232	0.6
KDL-13	6.8	0.2	< 2	3	8.1	177	16	1.7	34.0	38.0	1.7	< 1	159	0.5
KDL-14	4.1	0.2	< 2	2	6.1	127	31	1.3	25.0	41.3	1.7	< 1	135	0.5
KDL-15	5.4	0.3	< 2	2	6.9	122	21	1.5	25.0	37.9	2.3	< 1	144	0.5
KDL-16	5.5	0.3	< 2	2	6.8	182	7	1.6	29.0	42.0	1.8	< 1	124	0.5
KDL-17	4.4	0.3	< 2	2	6.1	345	9	1.3	19.0	41.6	1.3	< 1	114	0.5
KDL-18	4.7	0.3	< 2	2	5.7	198	13	1.3	33.0	41.1	1.8	< 1	144	0.5
KDL-19	3.9	0.2	< 2	2	5.8	111	10	1.2	43.0	40.0	1.7	< 1	192	0.5
KDL-20	5.1	0.2	< 2	2	6.3	145	12	1.5	24.0	42.8	1.7	< 1	164	0.5
KDL-21	10.1	0.4	< 2	5	12.3	90	< 12	2.8	33.0	53.7	3.0	< 1	141	0.7
KDL-22	2.6	0.1	< 2	1	3.5	971	5	0.8	12.0	18.2	1.0	< 1	16.5	0.5
KDL-23	5.4	0.2	< 2	2	6.3	129	7	1.4	42.0	39.7	2.1	< 1	146	0.5
KDL-24	5.9	0.2	< 2	3	7.4	137	8	1.6	28.0	40.6	1.8	< 1	153	0.7
KDL-25	6.0	0.3	< 2	2	7.0	139	12	1.4	17.0	40.5	2.2	< 1	188	0.7
KDL-26	7.8	0.3	< 2	3	9.7	181	10	2.0	28.0	42.0	2.2	< 1	164	0.6
KDL-27	5.8	0.3	< 2	2	8.1	140	16	1.7	17.0	44.1	2.5	< 1	145	0.5
KDL-28	4.4	0.3	< 2	2	6.1	125	10	1.4	17.0	42.1	2.0	< 1	130	0.7
KDL-29	5.1	0.3	< 2	2	6.2	147	11	1.4	10.0	39.9	1.6	< 1	127	0.7
*Dup KDL-11	3.6	0.2	< 2	2	4.6	361	50	1.0	13.0	44.5	1.1	< 1	181	0.5
*Dup KDL-23	< 5.5	< 0.2	< 2	< 1	< 6.5	< 128	< 9	1.5	< 45.0	< 39.8	2.2	< 1	148	0.6
*Blk BLANK	< 0.5	< 0.1	< 2	< 2	< 0.5	< 17.1	< 5	< 0.2	< 0.2	< 0.5	0.1	< 1	239	0.5
*Std SO3	< 17.4	< 0.3	< 2	< 2	< 17.1	< 14	< 14	4.6	< 37.0	< 4.9	3.6	< 1	0.9	0.9

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Tb MS104 0.1 ppm	Th MS104 1 ppm	Tl MS104 0.5 ppm	Tm MS104 0.1 ppm	U MS104 0.5 ppm	V MS104 5 ppm	W MS104 1 ppm	Y MS104 1 ppm	Yb MS104 0.1 ppm	Zn MS104 5 ppm	Zr MS104 0.5 ppm
0.3	< 1	< 0.5	0.2	< 0.5	257	1	11	1.3	122	34.3
0.4	1	0.5	0.2	< 0.6	276	1	13	1.6	105	41.3
0.4	2	0.5	0.2	< 0.5	224	1	12	1.4	79	42.7
0.3	< 1	0.5	0.2	< 0.5	260	2	13	1.5	101	32.0
0.4	2	0.5	0.2	< 0.5	246	1	13	1.7	100	43.3
0.4	2	0.5	0.3	< 0.5	262	1	12	1.5	88	38.9
0.3	1	0.5	0.3	< 0.5	258	1	12	1.7	87	35.0
0.4	1	0.5	0.3	< 0.5	246	1	12	1.5	88	30.1
0.4	1	0.5	0.2	< 0.5	246	1	11	1.4	68	29.5
0.4	1	0.5	0.2	< 0.5	258	1	12	1.5	93	35.3
0.7	< 3	< 0.5	0.4	1.0	423	1	25	2.5	115	92.2
0.2	1	0.5	0.1	0.5	290	1	6	0.6	89	21.6
0.4	1	0.5	0.2	0.5	260	1	13	1.5	71	36.6
0.4	2	0.5	0.2	0.5	263	1	15	1.7	75	49.0
0.4	2	0.5	0.3	0.5	259	2	14	1.8	84	45.3
0.4	2	0.5	0.2	0.5	278	8	17	1.9	73	49.5
0.5	2	0.5	0.2	0.6	267	1	15	1.9	68	41.7
0.4	1	0.5	0.3	0.5	255	1	13	1.6	75	59.5
0.3	2	0.5	0.2	0.5	238	1	12	1.5	65	39.1
0.3	1	0.5	0.2	0.5	251	1	10	1.5	120	32.4
<	< 2	< 0.5	0.3	0.5	256	1	12	1.6	66	38.9
0.4	1	0.5	< 0.1	< 0.5	< 5	1	1	0.1	< 5	< 0.5
0.1	4	0.5	< 0.3	< 1.2	38	1	1	2.0	45	156

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Element. Sc
Method. AAH70
Det.Lim. 0.1
Units. ppm

KDL-11	0.9
KDL-12	0.3
KDL-13	0.3
KDL-14	0.2
KDL-15	0.3
KDL-16	0.3
KDL-17	0.9
KDL-18	0.1
KDL-19	<0.1
KDL-20	0.2
KDL-21	0.2
KDL-22	0.2
KDL-23	0.3
KDL-24	0.2
KDL-25	<0.1
KDL-26	0.2
KDL-27	0.3
KDL-28	0.2
KDL-29	0.3
*Dup KDL-11	0.8
*Dup KDL-23	0.2
*BLK BLANK	<0.1
*Std STANDARD	n.a.

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Element.	S
Method.	CHM112
Det.Lim.	0.01
Units.	%
KDL-11	0.25
KDL-12	0.08
KDL-13	0.07
KDL-14	0.07
KDL-15	0.13
KDL-16	0.02
KDL-17	0.08
KDL-18	0.05
KDL-19	0.04
KDL-20	0.06
KDL-21	0.07
KDL-22	0.06
KDL-23	0.04
KDL-24	0.04
KDL-25	0.07
KDL-26	0.09
KDL-27	0.06
KDL-28	0.05
KDL-29	0.06
*Dup KDL-11	0.24
*Dup KDL-23	0.05
*Std PR_I	0.78

APPENDIX 4

**Data and Plots from East and West
Lithogeochemical Sections through Intrusion**

APPENDIX 4

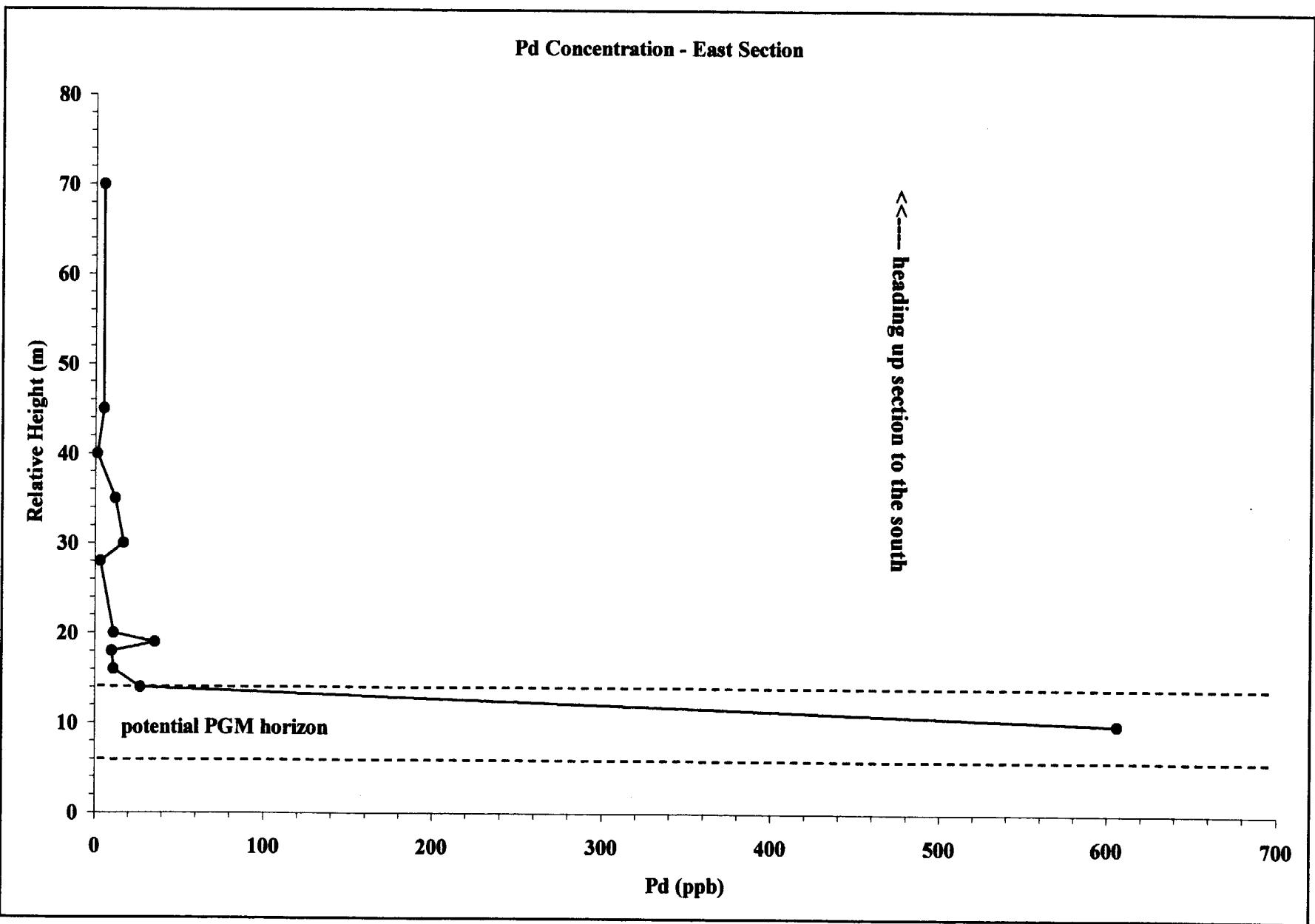
Data for East Lithogeochemical Section

Sample	Relative (m)	Grid E	Grid N	%VS	Au (ppb)	Pt (ppb)	Pd (ppb)	Rh (ppb)	3E (ppb)	Pd:Pt	Ni (ppm)	Cu (ppm)	Ni+Cu (%)	Ni (%)	Cu (%)	Ni+Cu (%)	Cu:Ni	Cu/Pd	SiO2 (%)
KDL-09	10	250	887	4	52	94	606	<10	752	6.4	820	1870	2690	0.08	0.19	0.27	2.3	3.1	51.20
KDL-08	14	255	885	-	4	10	27	<10	41	2.7	62	127	189	0.01	0.01	0.02	2.0	4.7	51.80
KDL-05	16	325	830	tr	3	12	11	<10	26	0.9	38	85	123	0.00	0.01	0.01	2.2	7.8	51.30
KDL-14	18	205	800	-	3	5	10	12	18	2.0	49	103	152	0.00	0.01	0.02	2.1	10.3	50.70
KDL-10	19	250	800	tr	5	15	36	<10	56	2.4	47	108	155	0.00	0.01	0.02	2.3	3.0	51.10
KDL-03	20	343	775	tr po	2	5	11	<10	18	2.2	47	89	136	0.00	0.01	0.01	1.9	8.0	51.20
KDL-06	28	285	680	tr	2	5	3	<10	10	0.6	53	23	76	0.01	0.00	0.01	0.4	7.6	45.20
KDL-30	30	700	675	tr	6	20	17	<10	43	0.9	137	110	247	0.01	0.01	0.02	0.8	6.5	51.30
KDL-04	35	350	640	tr	5	10	12	11	27	1.2	46	104	150	0.00	0.01	0.02	2.3	8.7	50.60
KDL-02	40	475	625	tr	4	5	1	<10	10	0.2	52	196	248	0.01	0.02	0.02	3.8	196.0	51.30
KDL-01	45	470	585	tr	5	5	5	<10	15	1.0	68	455	523	0.01	0.05	0.05	6.7	91.0	49.50
KDL-32	70	1100	50	tr	2	10	5	<10	17	0.5	133	128	261	0.01	0.01	0.03	1.0		52.30

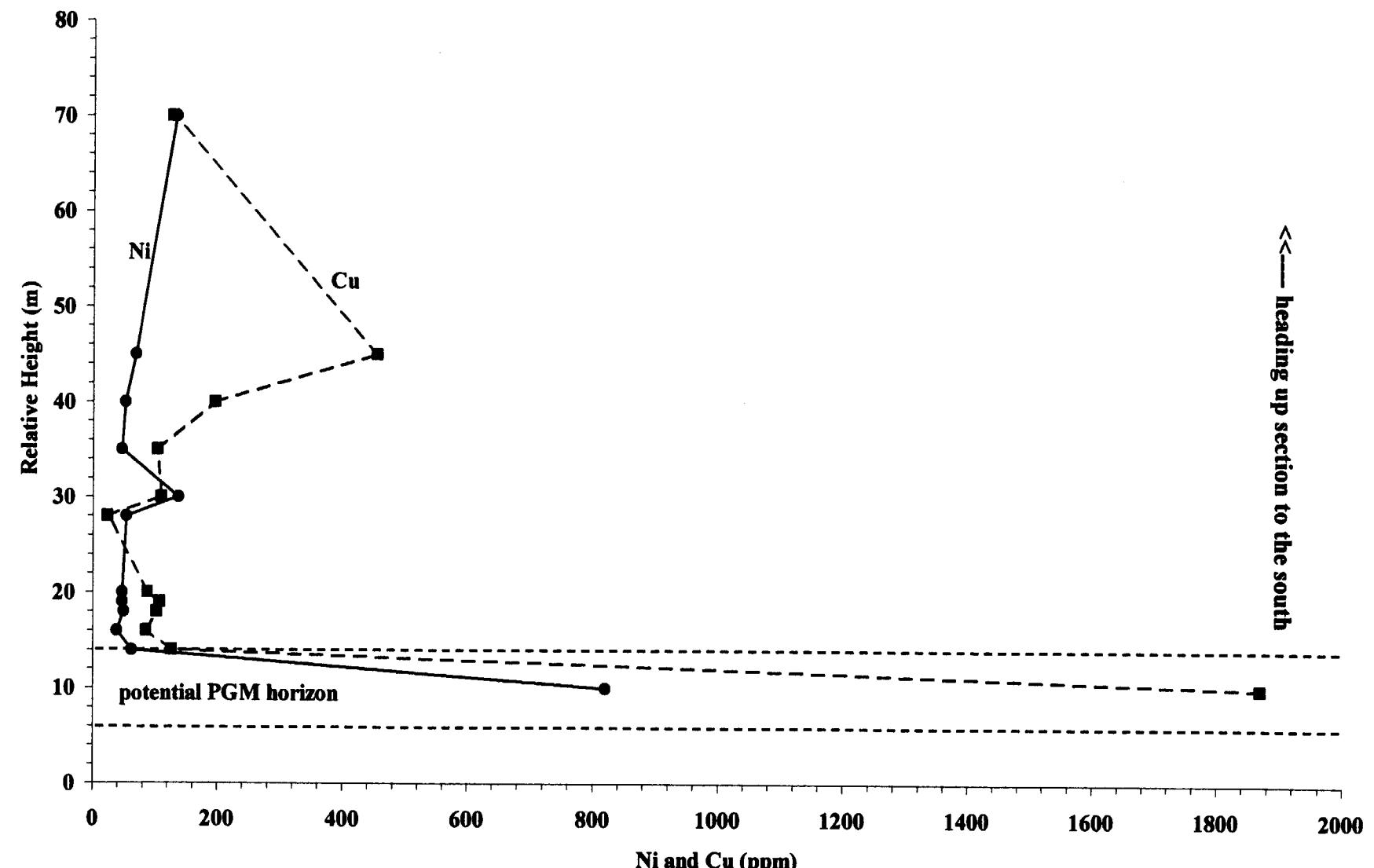
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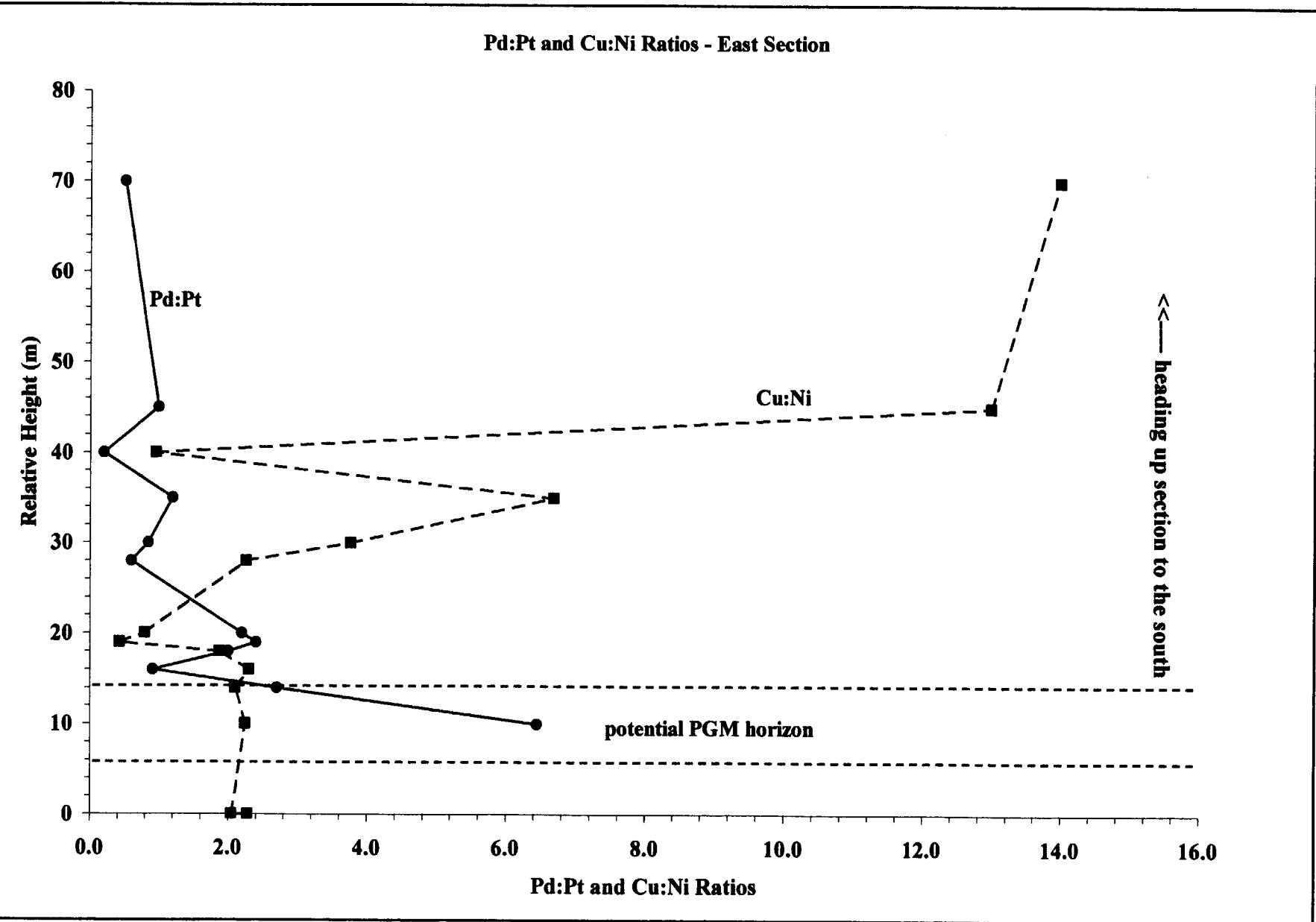
Data for East Lithogeochemical Section

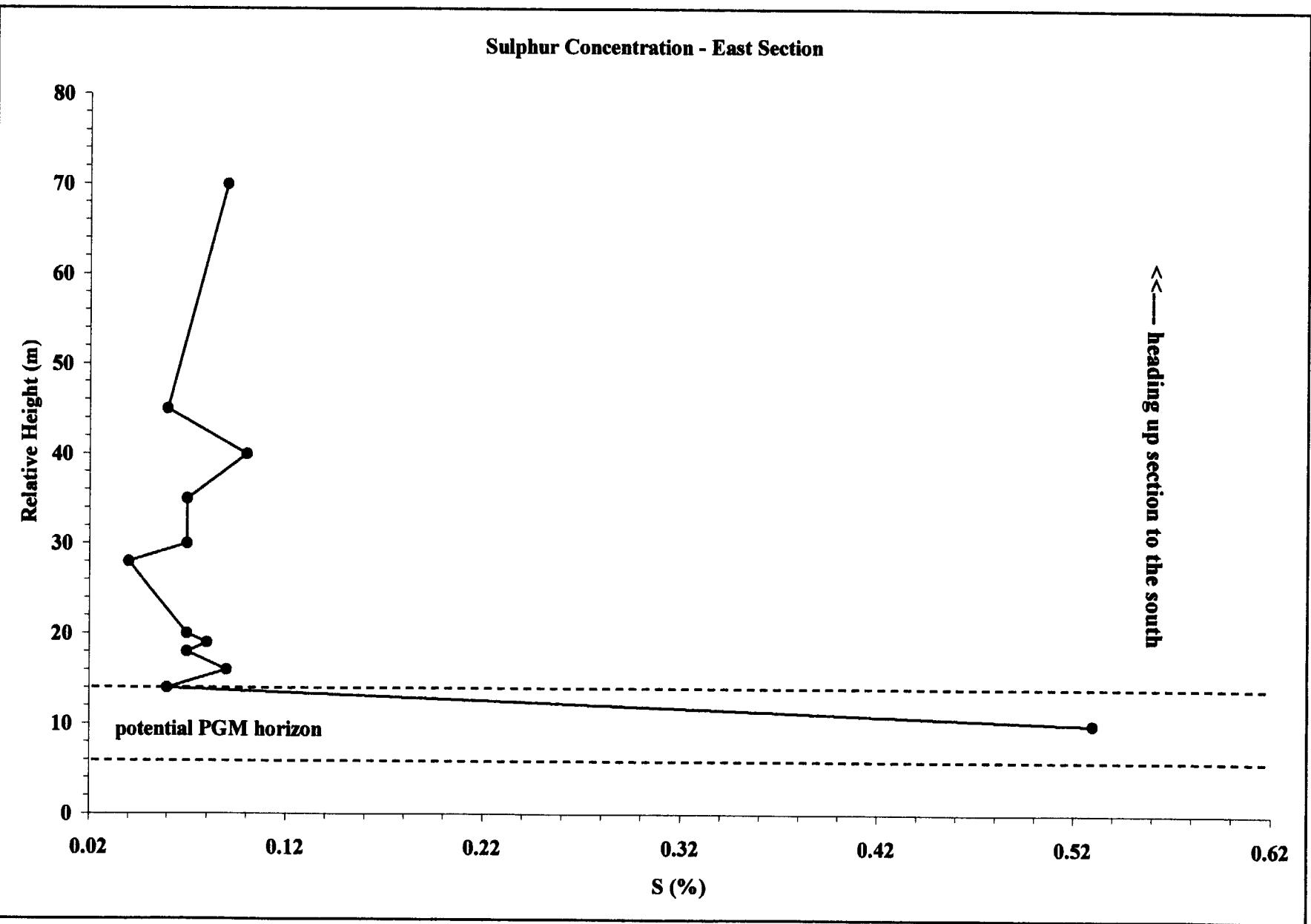
Sample	Relative (m)	Grid E	Grid N	%VS	MgO (%)	Fe2O3 (%)	TiO2 (%)	Cr2O3 (%)	Zr (ppm)	Co (ppm)	Se (ppm)	S (%)	S/Se	Relative (m)
KDL-09	10	250	887	4	9.43	10.10	0.51	0.15	33.7	76.0	1.7	0.53	3118	10
KDL-08	14	255	885	-	10.00	9.18	0.49	0.18	31.9	45.9	0.1	0.06	6000	14
KDL-05	16	325	830	tr	8.18	10.10	0.58	0.06	56.4	50.3	0.1	0.09	9000	16
KDL-14	18	205	800	-	8.51	9.51	0.56	0.05	32.0	47.7	0.2	0.07	3500	18
KDL-10	19	250	800	tr	8.44	9.23	0.51	0.10	33.3	40.8	0.2	0.08	4000	19
KDL-03	20	343	775	tr po	8.55	9.34	0.55	0.09	36.6	45.1	0.1	0.07	7778	20
KDL-06	28	285	680	tr	9.75	12.80	1.30	0.04	19.3	51.4	0.1	0.04	4000	28
KDL-30	30	700	675	tr	8.59	9.40	0.50	0.07	32.2	40.5	0.6	0.07	1167	30
KDL-04	35	350	640	tr	7.82	10.20	0.52	0.02	36.9	50.5	0.3	0.07	2333	35
KDL-02	40	475	625	tr	8.64	9.25	0.47	0.03	34.7	44.4	0.4	0.10	2500	40
KDL-01	45	470	585	tr	8.70	9.70	0.33	0.03	19.1	40.6	0.5	0.06	1200	45
KDL-32	70	1100	50	tr	5.46	10.30	0.57	0.06	38.6	43.9	0.6	0.09	1500	70

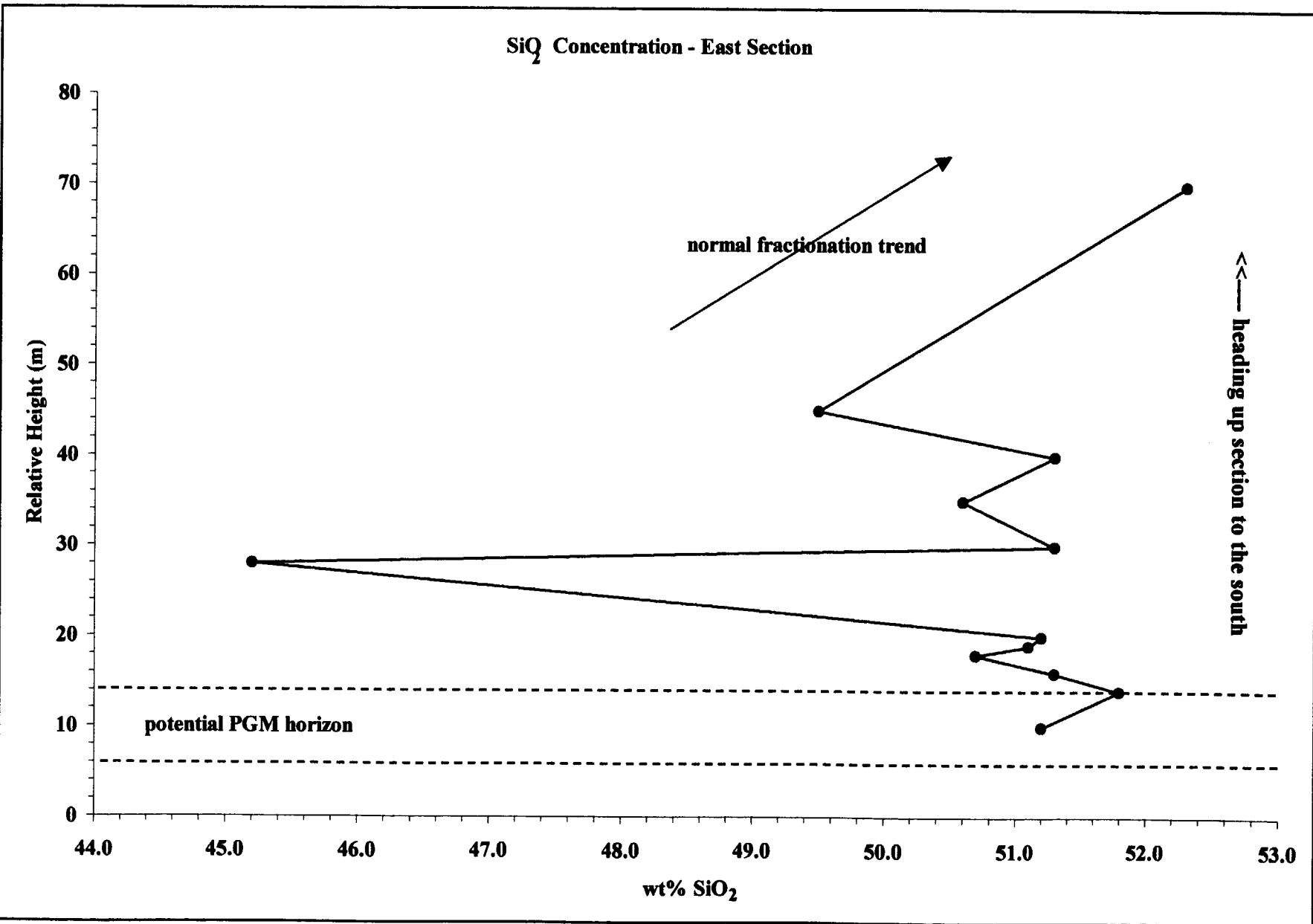


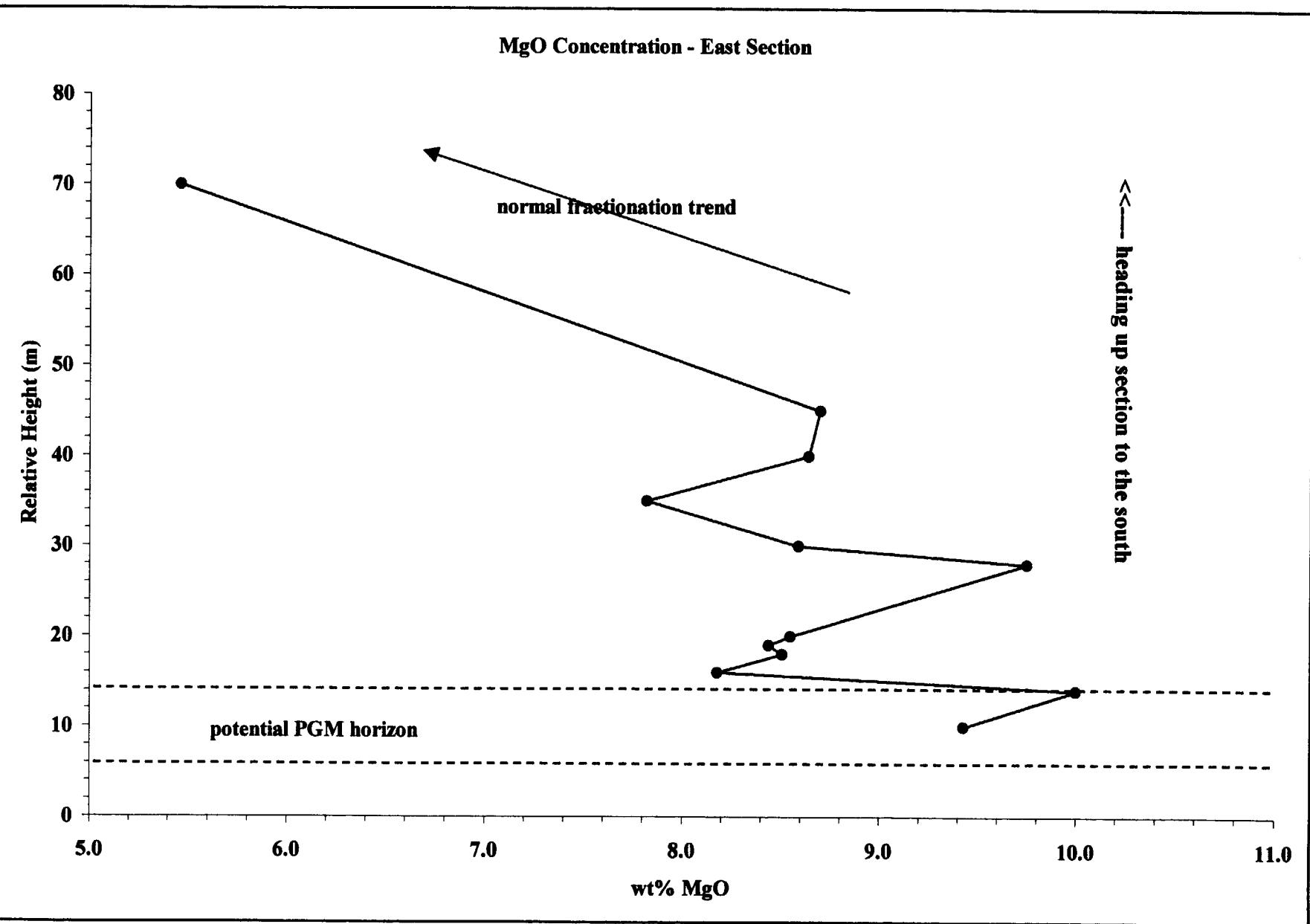
Cu and Ni Concentrations - East Section











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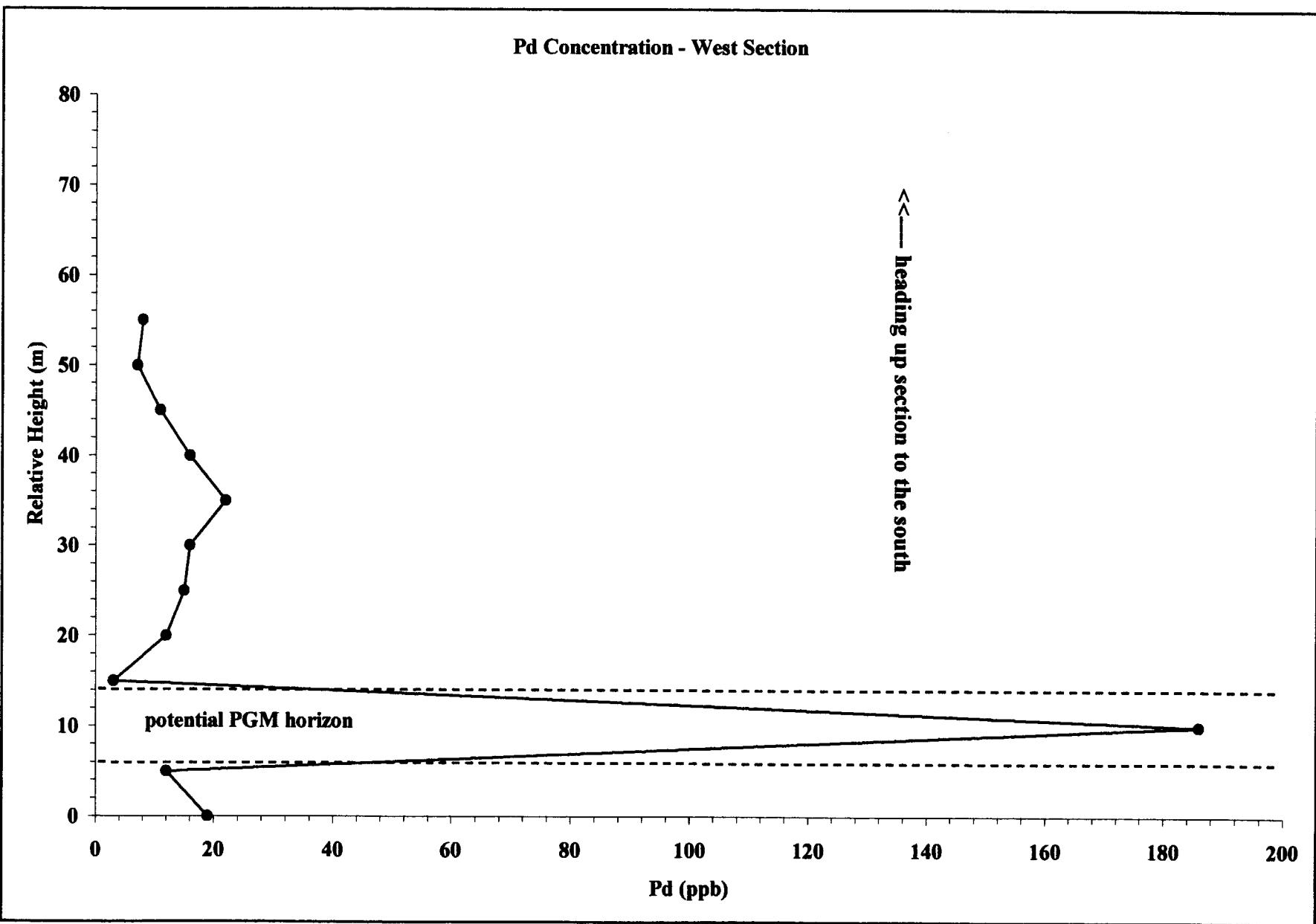
Data for West Lithogeochemical Section

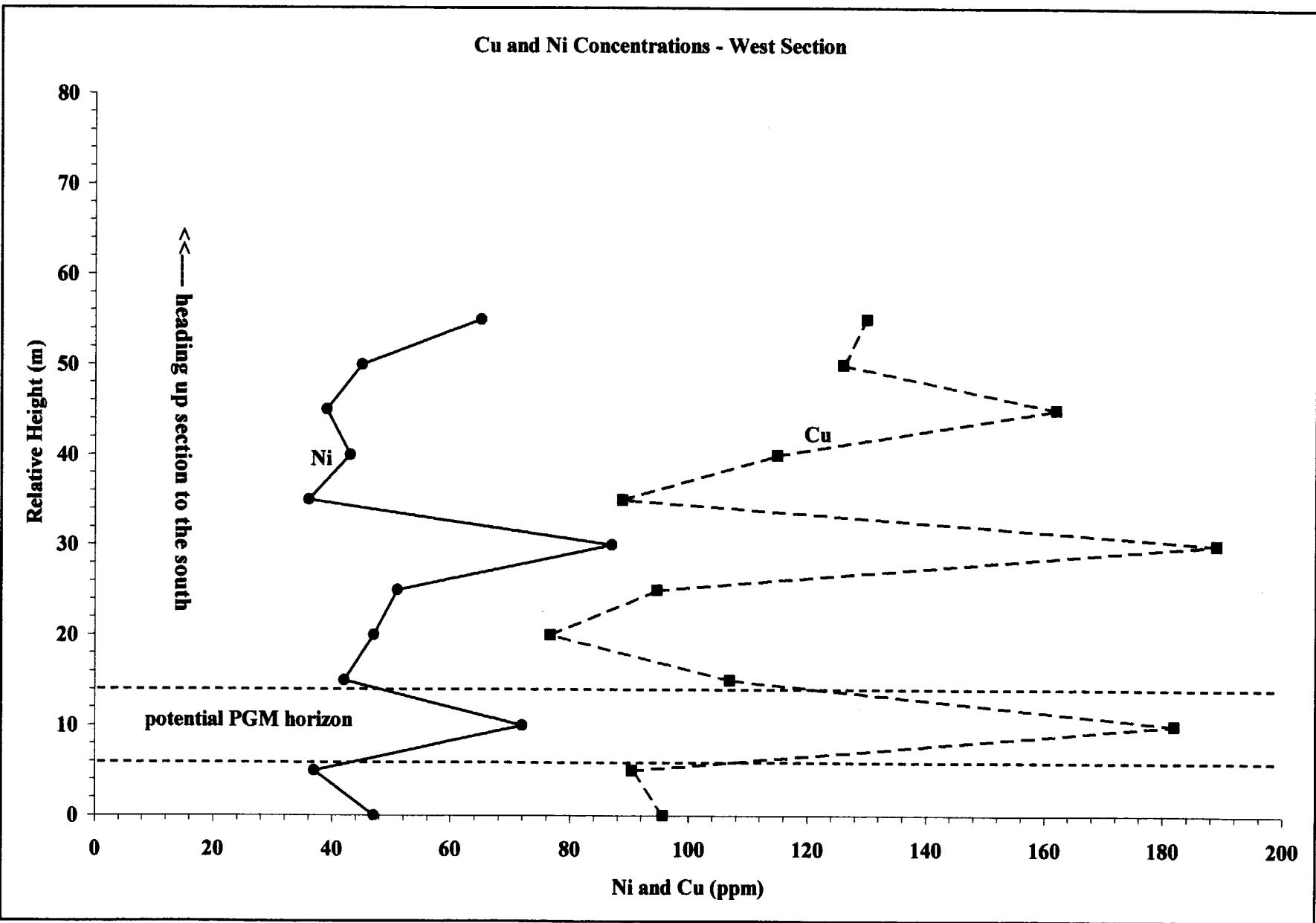
Sample	Relative (m)	Grid E	Grid N	%VS	Au (ppb)	Pt (ppb)	Pd (ppb)	Rh (ppb)	3E (ppb)	Pd:Pt	Ni (ppm)	Cu (ppm)	Ni+Cu (%)	Ni (%)	Cu (%)	Ni+Cu (%)	Cu:Ni	Cu/Pd	SiO2 (%)	MgO (%)
KDL-23	0	-50	950	-	5	15	19	<10	39	1.3	47	96	143	0.00	0.01	0.01	2.0	5.0	51.40	8.00
KDL-15	5	185	925	tr	3	5	12	<10	20	2.4	37	91	128	0.00	0.01	0.01	2.4	7.5	52.20	8.19
KDL-18	10	125	875	tr	18	13	186	<10	217	14.3	72	182	254	0.01	0.02	0.03	2.5	1.0	51.90	9.83
KDL-19	15	100	850	-	1	5	3	<10	9	0.6	42	107	149	0.00	0.01	0.01	2.5	35.7	50.20	7.98
KDL-25	20	-200	800	-	4	5	12	<10	21	2.4	47	77	124	0.00	0.01	0.01	1.6	6.4	51.40	8.28
KDL-24	25	-250	810	tr	5	5	15	<10	25	3.0	51	95	146	0.01	0.01	0.01	1.9	6.3	51.50	8.55
KDL-26	30	-200	705	tr	13	5	16	<10	34	3.2	87	189	276	0.01	0.02	0.03	2.2	11.8	51.30	9.18
KDL-28	35	-610	625	tr	4	12	22	<10	38	1.8	36	89	125	0.00	0.01	0.01	2.5	4.0	50.90	8.13
KDL-20	40	100	610	tr	9	12	16	12	37	1.3	43	115	158	0.00	0.01	0.02	2.7	7.2	51.30	8.76
KDL-21	45	-5	600	tr	3	5	11	<10	19	2.2	39	162	201	0.00	0.02	0.02	4.2	14.7	54.20	7.60
KDL-29	50	-700	590	-	6	5	7	<10	18	1.4	45	126	171	0.00	0.01	0.02	2.8	18.0	51.30	9.15
KDL-27	55	-305	400	-	5	5	8	<10	18	1.6	65	130	195	0.01	0.01	0.02	2.0	16.3	50.90	8.57

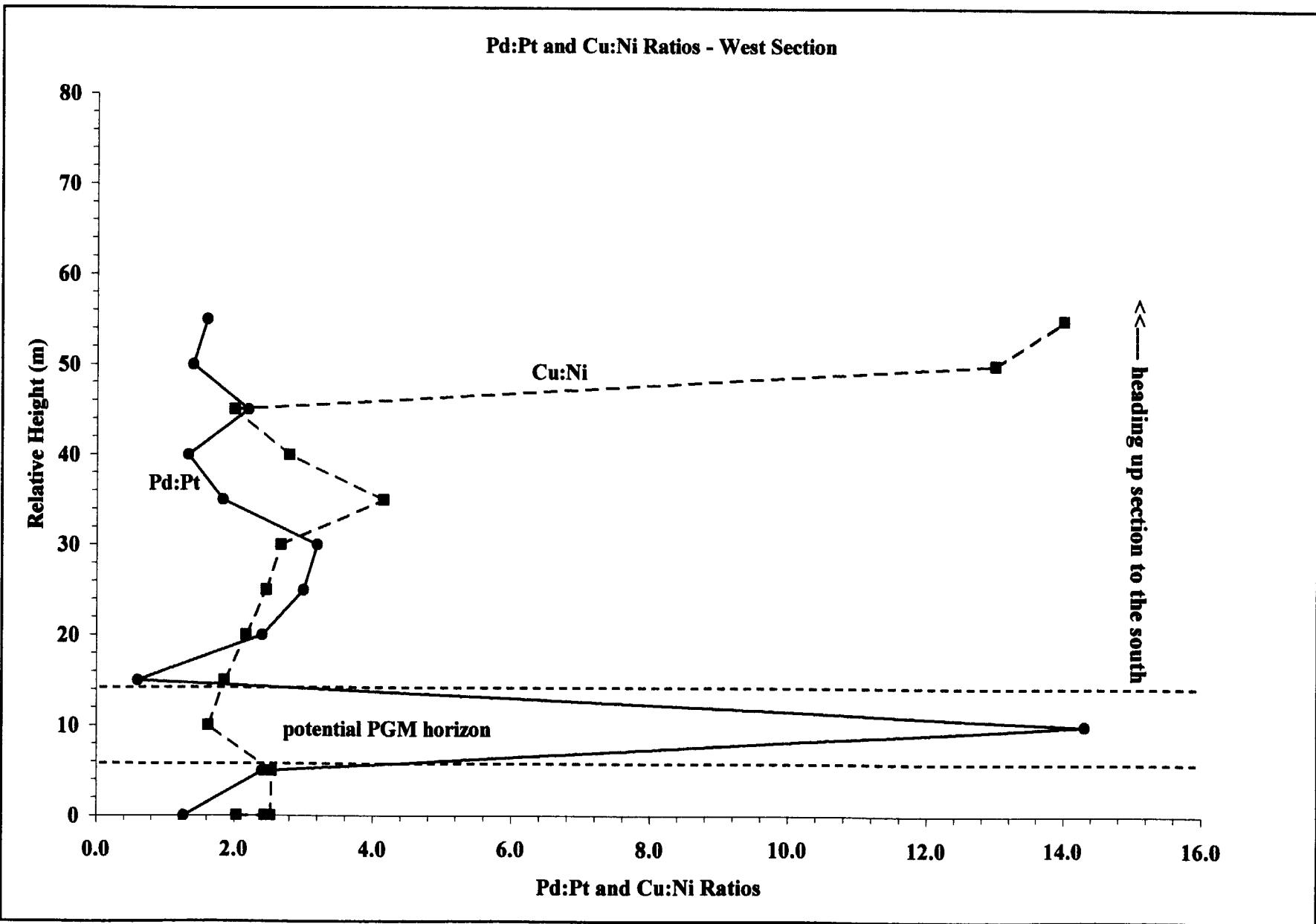
APPENDIX 4

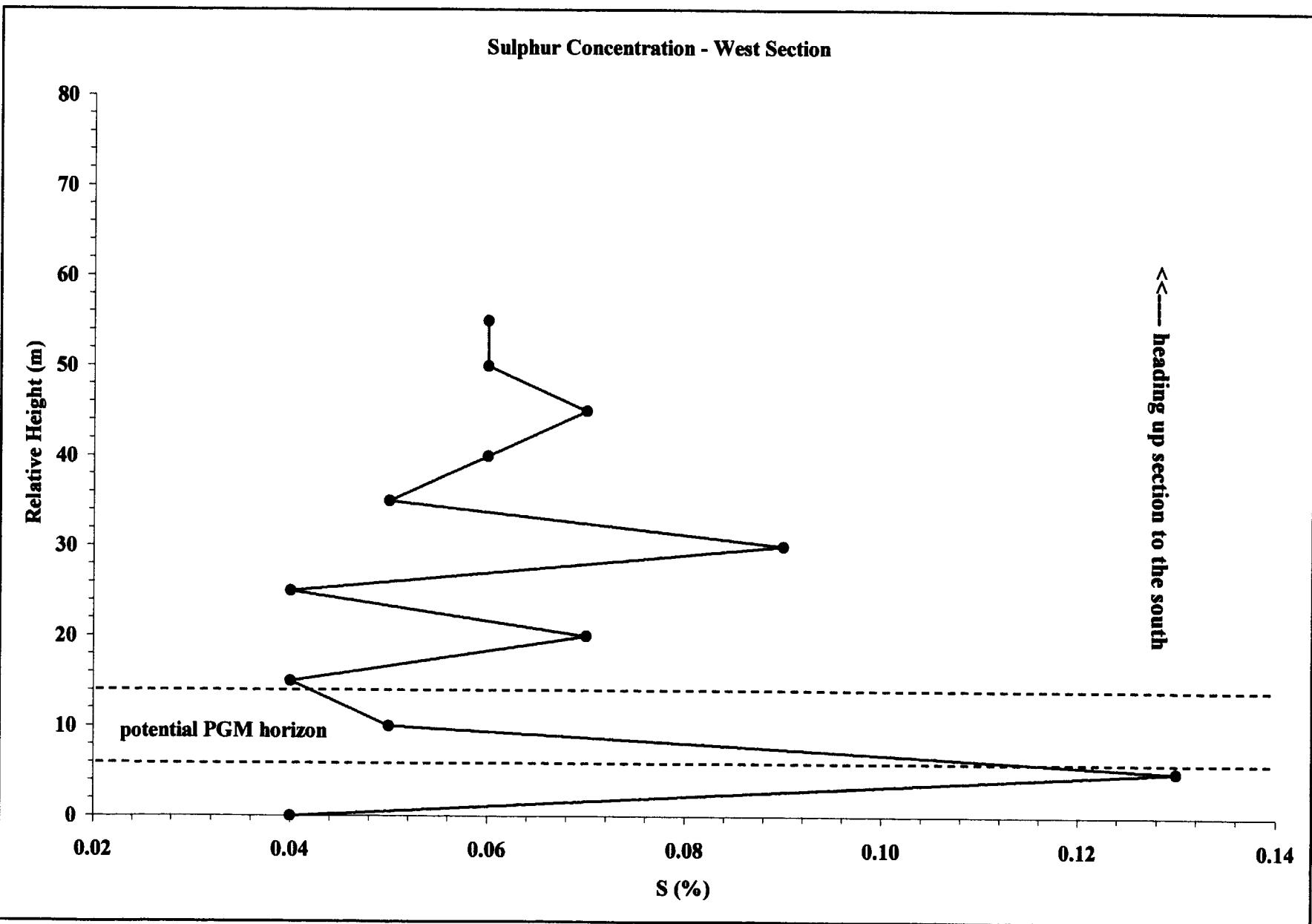
Data for West Lithogeochemical Section

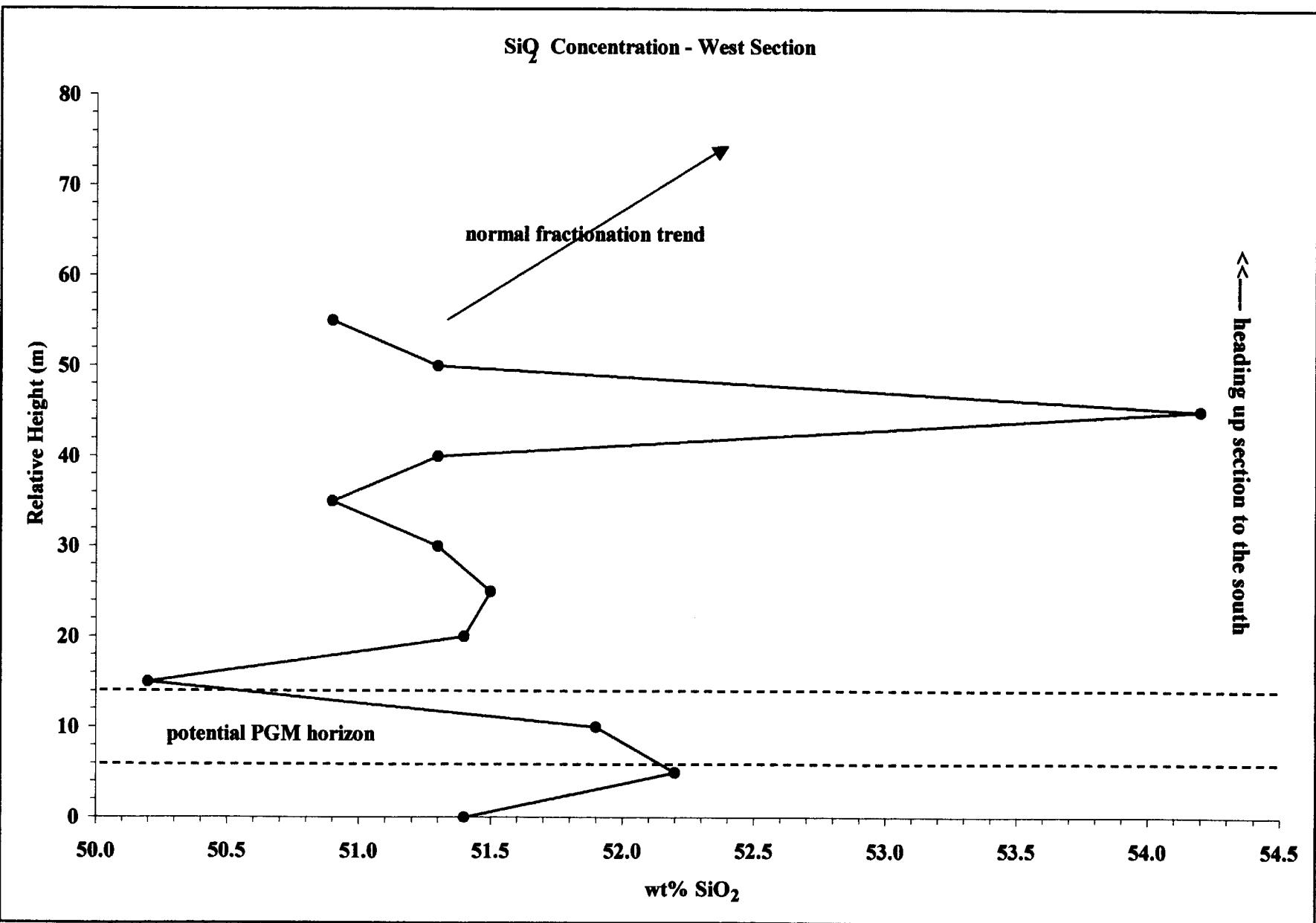
Sample	Relative (m)	Grid E	Grid N	%VS	Fe2O3 (%)	TiO2 (%)	Cr2O3 (%)	Zr (ppm)	Co (ppm)	Se (ppm)	S (%)	S/Se	Relative (m)
KDL-23	0	-50	950	-	10.40	0.55	0.04	36.6	51.6	0.3	0.04	1333	0
KDL-15	5	185	925	tr	9.51	0.55	0.07	43.3	39.2	0.3	0.13	4333	5
KDL-18	10	125	875	tr	9.40	0.47	0.09	30.1	52.4	0.1	0.05	5000	10
KDL-19	15	100	850	-	9.81	0.49	0.04	29.5	41.5	0.1	0.04	4000	15
KDL-25	20	-200	800	-	10.20	0.58	0.05	45.3	41.6	0.1	0.07	7000	20
KDL-24	25	-250	810	tr	9.89	0.57	0.07	49.0	37.7	0.2	0.04	2000	25
KDL-26	30	-200	705	tr	10.00	0.62	0.05	49.5	50.2	0.2	0.09	4500	30
KDL-28	35	-610	625	tr	9.36	0.50	0.08	59.5	50.2	0.2	0.05	2500	35
KDL-20	40	100	610	tr	10.00	0.55	0.05	35.3	44.8	0.2	0.06	3000	40
KDL-21	45	-5	600	tr	12.60	1.08	0.03	92.2	60.3	0.2	0.07	3500	45
KDL-29	50	-700	590	-	9.12	0.47	0.06	39.1	41.1	0.3	0.06	2000	50
KDL-27	55	-305	400	-	11.30	0.53	0.03	41.7	50.1	0.3	0.06	2000	55

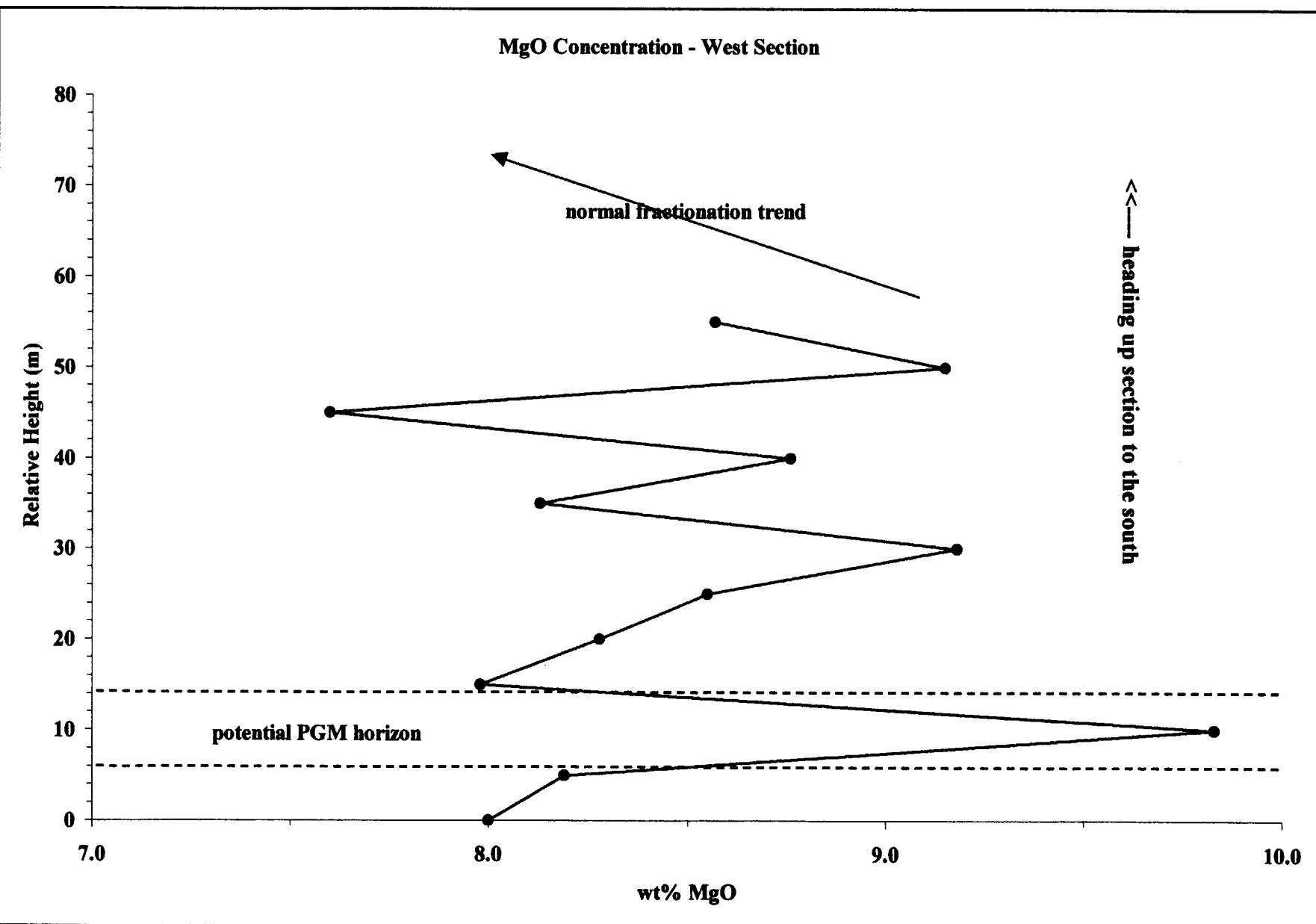














Ministry of
Northern Development
and Mines

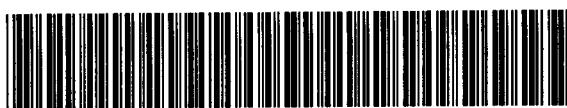
Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use)

W0070. 00204

Assessment Files Research Imaging



section 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, assessment work and correspond with the mining land holder. Questions about

Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury,

41115SE2016 2.20668 KELLY

900

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
- Please type or print in ink.

2.20668

1. Recorded holder(s) (Attach a list if necessary)

Name	Goldwright Explorations Inc.	Client Number	303574
Address	General Delivery	Telephone Number	705-967-0216
	Hagar, ON. P0M 1X0	Fax Number	705-967-0598
Name		Client Number	
Address		Telephone Number	
		Fax Number	

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

Geotechnical: prospecting, surveys, assays and work under section 18 (regs) Physical: drilling stripping, trenching and associated assays Rehabilitation

Work Type	Office Use											
line cutting bedrock mapping	prospecting	assays	/									
Commodity												
Total \$ Value of Work Claimed 16,177												
Dates Work Performed	From Day	01	07	To Month	2000	Day	28	Month	10	Year	2000	NTS Reference
Global Positioning System Data (if available)	Township/Area	KELLY			M or G-Plan Number	G-3033			Mining Division	Sudbury		
	Resident Geologist District								Resident Geologist District	Sudbury		

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;

- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

RECEIVED

OCT 30 2000

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name	Scott Jobin-Bevans	SCIENCE ASSESSMENT OFFICE
Address	225 Ferndale Ave, Sudbury, ON. P3B 3C2	Telephone Number 705-524-8060
Name	Dave Lyon	Fax Number 705-521-0653
Address	481 Ontario St, Sudbury, ON. P3G 4K4	Telephone Number 705-669-0286
Name		Fax Number
Address		Telephone Number
		Fax Number

4. Certification by Recorded Holder or Agent

I, Laurence Scott Jobin-Bevans, do hereby certify that I have personal knowledge of the facts set forth in
(Print Name)

this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent LSB

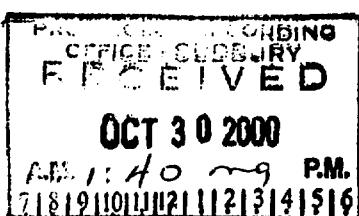
Date OCT. 28/00

Agent's Address 225 Ferndale Ave, Sudbury

Telephone Number 705-524-8060

Fax Number 705-521-0653

0241 (03/97)



#2741

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W0070.00204

2.20688

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234587	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 S-1230127	16	\$12,941.76	\$6,400	* \$6,541.76	\$0
2 S-1230126	16	\$3,235.44	\$6,400	\$0	\$0
3 S-1229730	16	\$0	\$3,377.20	\$0	\$0
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals	48	\$16,177.20	\$16,177.20	* \$6,541.76	\$0

I, Laurence Scott Jobin-Bevans, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing

Date

Oct. 28/00

RECEIVED

6. Instruction for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

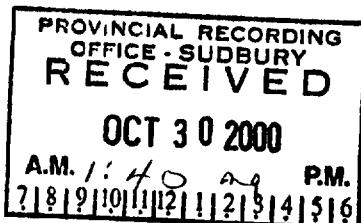
- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp

0241 (03/97)



Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

W0070.00204

AMENDED

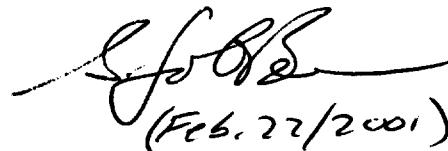
KELLY PROJECT - Addendum to Original Report Filed October 28th, 2000

Vendor	Item	Amount
Brian Wright	Line Cutting - 11.06 km	\$ 3,594.50
	Prospecting - 10 days	\$ 1,500.00
	vehicle - 600 km	\$ 180.00
Klondike Bay Resources	Boat/Motor Rental - 14 days	\$ 644.00
	Food/Lodging - 6 days	\$ 305.10
Scott Jobin-Bevans	Consulting/Reports/Drafting - 5 days	\$ 1,500.00
	truck rental - 8 days	\$ 360.00
XRAL Laboratories	ICP Scan - 29 samples	\$ 201.70
	Rh - 29 samples	\$ 310.30
	Multi/Geochem - 10 samples	\$ 599.20
	Multi/Geochem - 3 samples	\$ 179.76
	Multi/Geochem - 19 samples	\$ 1,138.48
	PGM - 29 samples	\$ 403.39
	Rh - 3 samples	\$ 32.10
Accurassay Labs	PGM/ICP - 3 samples	\$ 64.74
Dave Lyon	Consulting/Mapping - 8 days	\$ 2,000.00
	Expenses - supplies/fuel/shipping	\$ 300.00
	Drafting/Reports - 4.5 days	\$ 1,057.50
Daryl McIntyre	mapping assistant	\$ 1,600.00
	Total:	\$ 15,970.77

There is a difference of \$206.43 between what was originally submitted and what is indicated here.

(1) The original assay amount has been corrected as per invoices.

(2) An error was made in the original submission for the amount of \$100 under shipping/supplies.



(Feb. 22/2001)

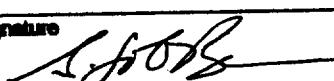
RECEIVED

FEB 23 2001

GEOSCIENCE ASSESSMENT
OFFICE

0212 (03/97)

PROVINCIAL RECORDING OFFICE - SUDBURY	
RECEIVED	
OCT 30 2000	
A.M. 1:40	P.M.
7 8 9 10 11 12 1 2 3 4 5 6	

Signature	Date
	OCT. 28/00

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

March 13, 2001

GOLDWRIGHT EXPLORATIONS INC
GENERAL DELIVERY
HAGAR, ONTARIO
P0M-1X0



Ontario

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9845
Fax: (877) 670-1555

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpg.htm

Dear Sir or Madam:

Submission Number: 2.20668

Status

Subject: Transaction Number(s): W0070.00204 Approval After Notice

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact BRUCE GATES by e-mail at bruce.gates@ndm.gov.on.ca or by telephone at (705) 670-5856.

Yours sincerely,

A handwritten signature in cursive script that reads "Lucille Jerome".

ORIGINAL SIGNED BY
Lucille Jerome
Acting Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.20668

Date Correspondence Sent: March 13, 2001

Assessor: BRUCE GATES

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W0070.00204	1230127	KELLY	Approval After Notice	February 23, 2001

Section:

12 Geological GEOL
9 Prospecting PROSP
17 Assays ASSAY

The revisions outlined in the Notice dated January 9, 2001 have for the most part been corrected. Accordingly, assessment work credit (\$15,971.00) has been approved as outlined on the AMENDED Statement of Costs accompanying this submission.

Correspondence to:

Resident Geologist
Sudbury, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

Laurence Scott Jobin-Bevans
SUDBURY, ON, CAN

GOLDWRIGHT EXPLORATIONS INC
HAGAR, ONTARIO

Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

Date: March 13, 2001

Submission Number: 2.20668

Transaction Number: W0070.00204

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1230127	12,777.00
1230126	3,194.00
Total: \$	15,971.00

KELLY PROPERTY - PROPERTY MAP (PSK00-1)

LEGEND

SYMBOLS

3 Sudbury Swarm: olivine-magnetite bearing

2 Nipissing Diabase (Gabbro):

2. Unsubdivided
- 2a. fine to medium grained
- 2b. medium to coarse grained
- 2c. coarse grained to pegmatitic
- 2d. vari-textured
- 2e. hyperstene bearing
- 2f. mineralized, >1% total sulphide - disseminated/bleb
- 2g. mineralized, >10% total sulphide
- 2h. mineralized, >35% total sulphide - semi-massive to massive
- 2i. magnetite (oxide) bearing
- 2j. altered (sericite, chlorite)
- 2k. speckled
- 2l. very fine-grained to fine-grained
- 2h. chilled

Huronian Supergroup - Sedimentary Rocks

1

Lorrain Formation

- 1a. arenite
- 1b. conglomerate
- 1c. arenite
- 1d. siltstone, argillite
- 1e. wacke

PGM-Cu-Ni showing

500 meters

1:5000 scale

*This map contains samples KDL-12 and KDL-13

Kelly Township, Sudbury Mining Division

Claims: 1231003, 1231006, 1230126, 1230127, 1229730

Rev.: 1 J-B Exploration & Development Inc.

Date: January 30, 2001



KELLY PROPERTY - GEOLOGY (PSK00-02)

LEGEND

3 Sudbury Swarm: olivine-magnetite bearing

2 Nipissing Diabase (Gabbro):

- 2a. Unsubdivided
- 2b. fine to medium grained
- 2c. medium to coarse grained
- 2d. coarse grained to pegmatic
- 2d. var-texured
- 2e. hypersheen bearing
- 2f. mineralized, >1% total sulphide - disseminated/bleb
- 2g. mineralized, >10% total sulphide
- 2h. mineralized, >35% total sulphide
- 2i. mineralized (oxide) bearing
- 2j. altered (sericite, chlorite)
- 2k. speckled
- 2l. very fine-grained to fine-grained
- 2h. chilled

1 Huronian Supergroup - Sedimentary Rocks

Lorraine Formation

1a. arenite

1b. conglomerate

1c. arenite

1d. siltstone, argillite

1e. wacke

SYMBOLS

- Swamp
- Outcrop limits
- Trench/clearing
- Subcrop
- Road / trail
- Geological contact - observed
- Geological contact - assumed
- Joint (vertical, inclined)
- Diamond Drill Hole Collar Location
- Pack Sack Drill Hole Collar Location
- Foliation (vertical, inclined)
- Sample location

● PGM-Cu-Ni showing

250 meters

scale 1:2500

Kelly Township, Sudbury Mining Division
Claims: 1231003, 1231006, 1230126, 1230127, 1229730

Rev: 1 J-B Exploration & Development Inc. Date: January 30, 2001



LEGEND

3 Sudbury Swarm: olivine-magnetite bearing

2 Nipissing Diabase (Gabbro):

- 2a. Unsubdivided
- 2b. fine to medium grained
- 2c. coarse grained to pegmatitic
- 2d. very-textured
- 2e. hypereutectic
- 2f. mineralized >1% total sulphide - disseminated/bleb
- 2g. mineralized >35% total sulphide - semi-massive to massive
- 2h. magnetite (oxide) bearing
- 2i. altered (sericitic, chlorite)
- 2k. speckled
- 2l. very fine-grained to fine-grained
- 2h. chilled

1 Huronian Supergroup - Sedimentary Rocks

Lorraine Formation

1a. arenite

Gowganda Formation

1b. conglomerate

1c. arenite

1d. siltstone, argillite

1e. wacke

SYMBOLS

- Swamp
- Outcrop limits
- Trench/clearing
- Subcrop
- Road / trail
- Geological contact - observed
- Geological contact - assumed
- Shear zone (dip not apparent, vertical, inclined)
- Bedding (vertical, inclined)
- Joint (vertical, inclined)
- Diamond Drill Hole Collar Location
- Pack Sack Drill Hole Collar Location
- Foliation (vertical, inclined)
- Sample location

● PGM-Cu-Ni showing

250 meters

scale 1:2500

Kelly Township, Sudbury Mining Division
Claims: 1231003, 1231006, 1230126, 1230127, 1229730

Rev.: 1 J-B Exploration & Development Inc.

Date: January 30, 2001

Samples KDL-12 and 13 are on map PSK00-01



KELLY PROPERTY - GEOPHYSICAL TARGETS (PSK00-04)

LEGEND

3 Sudbury Swarm: olivine-magnetite bearing

SYMBOLS

- Swamp
- Outcrop limits
- Trench/clearing
- Subcrop
- Geological contact - observed
- Road / trail
- Geological contact - assumed
- Joint (vertical, inclined)
- Foliation (vertical, inclined)
- Shear zone (dip not apparent, vertical, inclined)

2 Nipissing Diabase (Gabbro):

- Unsubdivided
- 2a. fine to medium grained
- 2b. medium to coarse grained
- 2c. coarse grained to pegmatitic
- 2d. vari-textured
- 2e. hyper-crystalline
- 2f. mineralized, >1% total sulphide - disseminated/bleb
- 2g. mineralized, >10% total sulphide
- 2h. magnetite (oxide) bearing
- 2i. altered (sericite, chlorite)
- 2k. speckled
- 2l. very fine-grained to fine-grained
- 2h. chilled

1 Huronian Supergroup - Sedimentary Rocks

- Lorraine Formation
 - 1a. arenite
 - Gowganda Formation
 - 1b. conglomerate
 - 1c. arenite
 - 1d. siltstone, argillite
 - 1e. wacke

250 meters

scale 1:2500

Kelly Township, Sudbury Mining Division
Claims: 1231003, 1231006, 1230126, 1230127, 1229730

Rev.: 1 J-B Exploration & Development Inc. Date: January 30, 2001

