

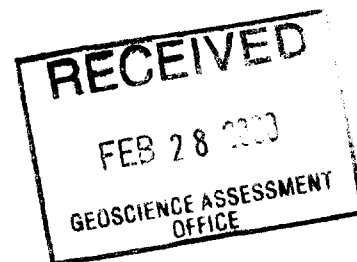


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**Geological Mapping Report
on the
River Valley Property – South Grid,
October to December, 1999
Crerar Township, Ontario (NTS 41I/09)
for**

MUSTANG  MINERALS CORP.



2.20091

**Geodigital
Mapping
Systems
Inc.**

Timmins, Ontario
(705) 267-7128

Peter C. Wood
February, 2000

SUMMARY

Mustang Minerals Corp. (Mustang) acquired the River Valley property in early 1999 in order to explore the River Valley gabbro-anorthosite intrusion for economic concentrations of contact-type platinum group metal mineralization. First phase exploration was initiated in early October and geological mapping commenced on October 15, 1999 and was completed by December 6, 1999. During this time a total of approximately 75 line kilometres of grid were systematically mapped (1:5000), sampled, prospected and also covered by a ground magnetic survey. A total of 452 locations were sampled and submitted for assay.

The mapping, sampling and prospecting program confirmed that the historical copper-nickel showings also contain anomalous to highly anomalous concentrations of Au+Pt+Pd (PGM) with a best assay of 2073ppb PGM. It should be noted that four areas with PGM enrichment have been identified, two of which have been recommended for follow up testing: the length of the intrusive contact covered by the grid; and, a zone of PGM enrichment associated with magnetite-bearing leucogabbro to gabbroic anorthosite on the west end of the grid and north of the baseline. A program of IP followed by trenching and stripping over selected anomalies in areas with thin overburden cover is recommended. Diamond drilling should subsequently test the continuity of the best targets at depth.



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INTRODUCTION

Mustang Minerals Corp. (Mustang) acquired the River Valley property in early 1999 in order to explore the River Valley gabbro-anorthosite intrusion for economic concentrations of contact-type platinum group metal (Au+Pt+Pd) mineralization. The first phase 1999 exploration program was initiated in early October with linecutting. Between October 15 and December 6, 1999, approximately 75km of 200m grid were systematically mapped at 1:5000, sampled, prospected and also covered by a ground magnetic survey (Patrie, 1999). Analytical results are presented in Appendices 1 and 2, respectively. The South Grid Bedrock Geology map (1:5000 scale), and the Sample Location and PGM Assay Data map (1:5000 scale) are located in Pockets 1 and 2, respectively, at the back of this report.

LOCATION AND ACCESS

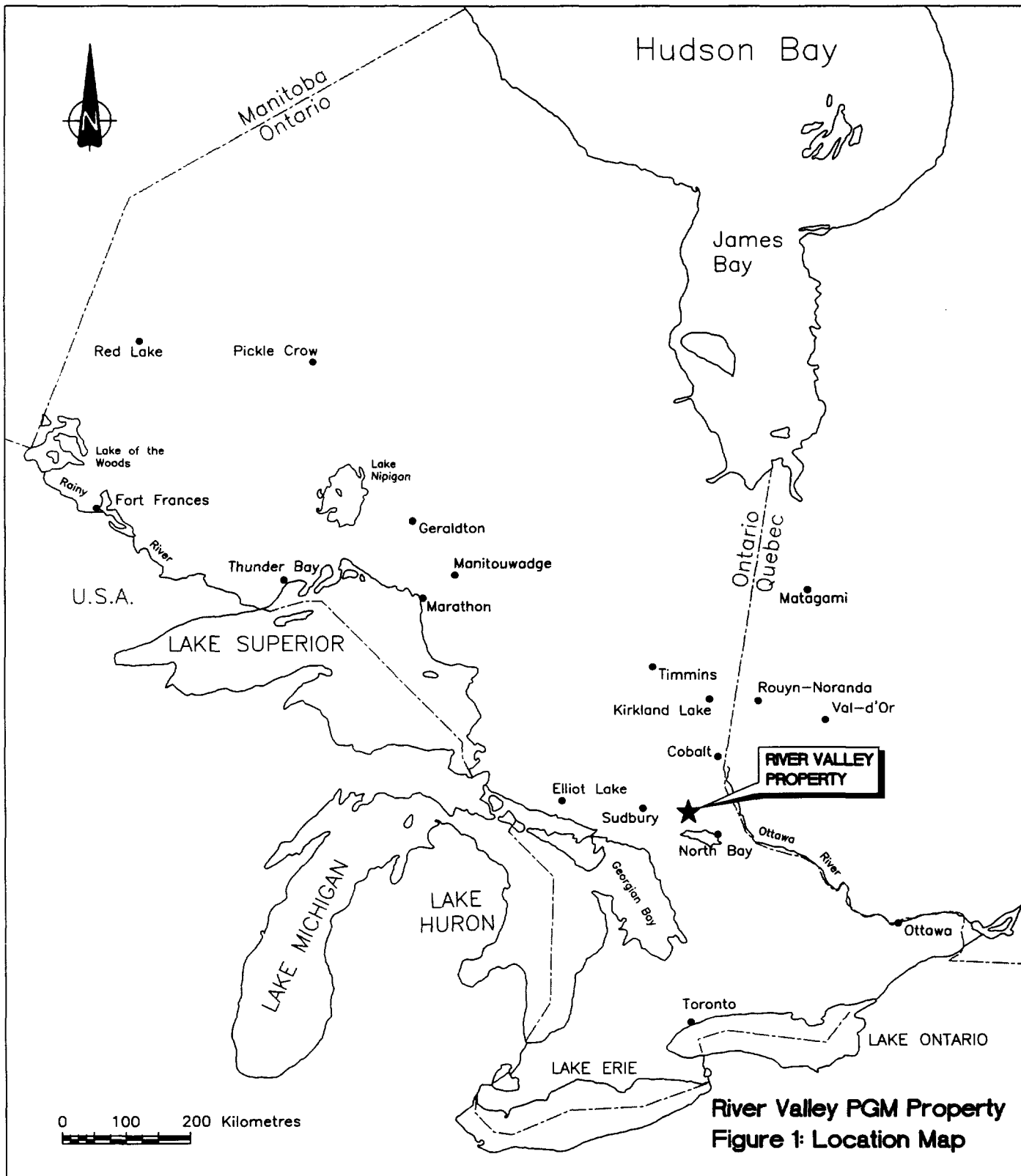
The River Valley property is located approximately 50km east of Sudbury and covers roughly 8200 hectares (see Figure 1). The claims occur within NTS 411/09 and are centred on latitude 49° 36' N and longitude 80° 17' W (554892mE, 5160746mN, UTM Zone 17, NAD 27) as shown in Figures 1 and 2.

Excellent year round access to the property can be gained from Sudbury by travelling east on Highway 17 to Warren, and then northwards on Highway 539 to the town of River Valley. The Rochon Road, just south where Highway 539 crosses the Sturgeon River, traverses the southern portion of the South Grid. Additionally, several logging and hunting trails provide access to the northern portions of the grid. Supplies and accommodations are available at the town of River Valley (see Figure 2).

TOPOGRAPHY AND VEGETATION

The property is a contrast in terrain types with flat, wet swampy areas to overburden covered areas exhibiting flat to rolling topography, and some outcrop areas exhibiting rugged to extremely rugged, steep-sided ridges and hills (e.g. the "Hay Stack") (see Plate 1). Overall relief is in the order of 110m and ranges from 230m at the banks of the Sturgeon River up to approximately 340m above sea level. The area is relatively well-drained and forested by mature black spruce, pine, birch, poplar, maple and oak. In lower wet areas the cover is typically spruce, cedar, tamarack, labrador tea and sphagnum-covered muskeg.

Overburden is typically composed of glaciofluvial (gravel and sand) and glaciolacustrine (sand, gravelly sand and gravel) deposits (Barnett et al., 1991). Locally, glacial striae on exposed bedrock indicate an approximate north-south ice flow direction. Newman (1996) reports that the overburden covering the western and northern portions of the intrusion is characterized by a relatively thin veneer of till over intermittent bedrock knobs.



**River Valley PGM Property
Figure 1: Location Map**

River Valley PGM Property Figure 2: Grid Location Map

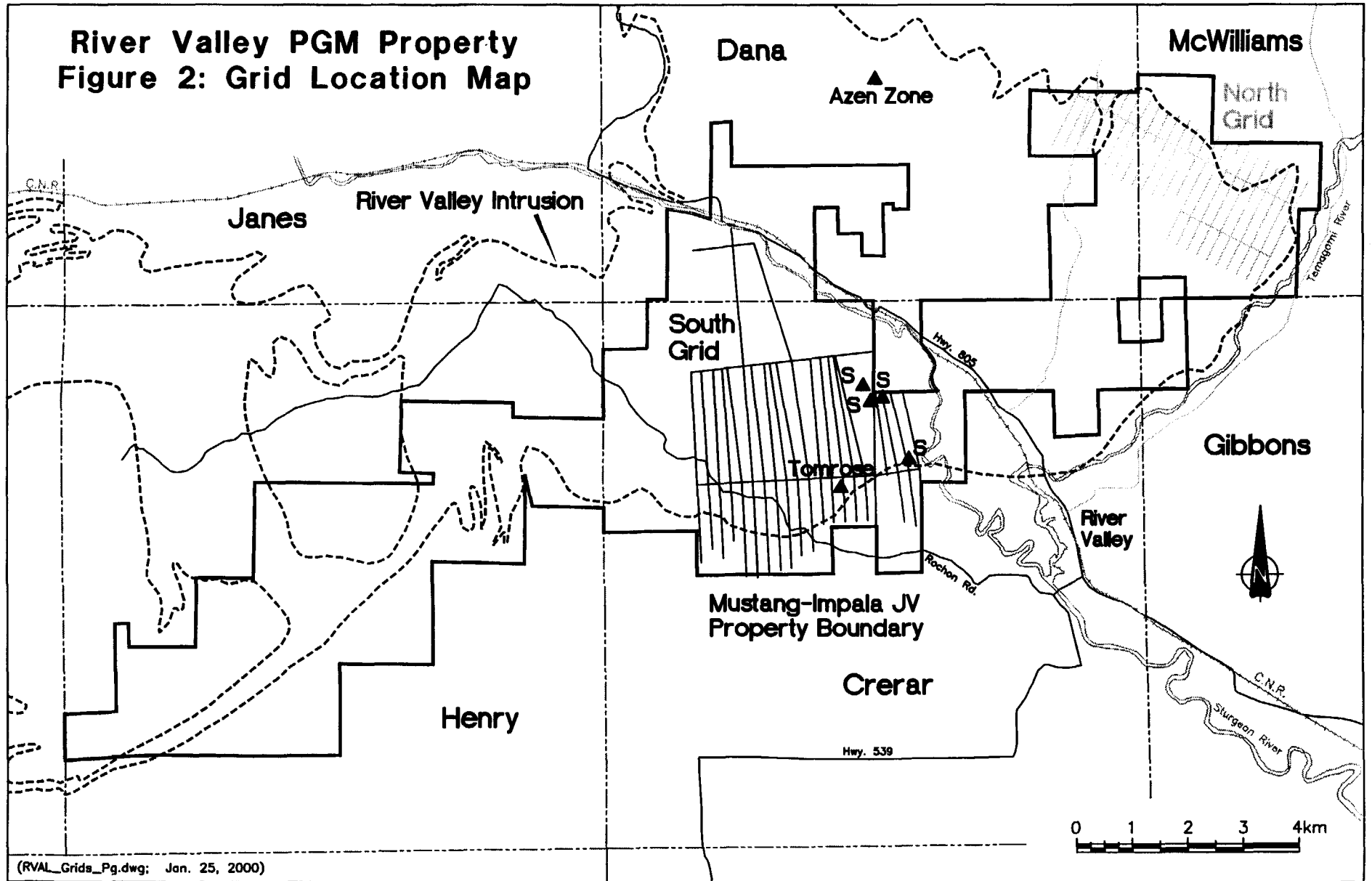




Plate 1: View illustrating terrain variation on the River Valley property, South Grid.

Water suitable for drilling is readily available from rivers, creeks, streams and numerous beaver ponds. It should be noted that the property occurs in a cultural heritage area and special permission is necessary before commencing any exploration programs that result in the disturbance of soil.

PROPERTY

The River Valley PGM property (see Figure 3) consists of 54 contiguous, unpatented mining claims, totalling 511 units covering approximately 8176 hectares. The claims are located in Crerar (G-2903), Dana (G-2094), Gibbons (G-2905), Henry (G-2913) and McWilliams (G-2910) townships, Sudbury Mining Division, Ontario. Mustang acquired the property in early 1999 through staking and several option agreements. Subsequently, during early August 1999, Mustang signed a letter of intent to jointly explore its River Valley property with Impala Platinum Holdings Limited (Implats), the world's second largest primary producer of platinum group metals. In order to earn a 60% interest in the property, Implats must incur work expenditures totalling C\$6 million over five years, and make cash payments totalling C\$255,000 over four years. A number of the claims are subject to various Net Smelter Returns back to the original vendors which are documented in the underlying agreements. All claims are currently in good standing and are listed in Table 1.

River Valley PGM Property

Figure 3: Claim Location Map

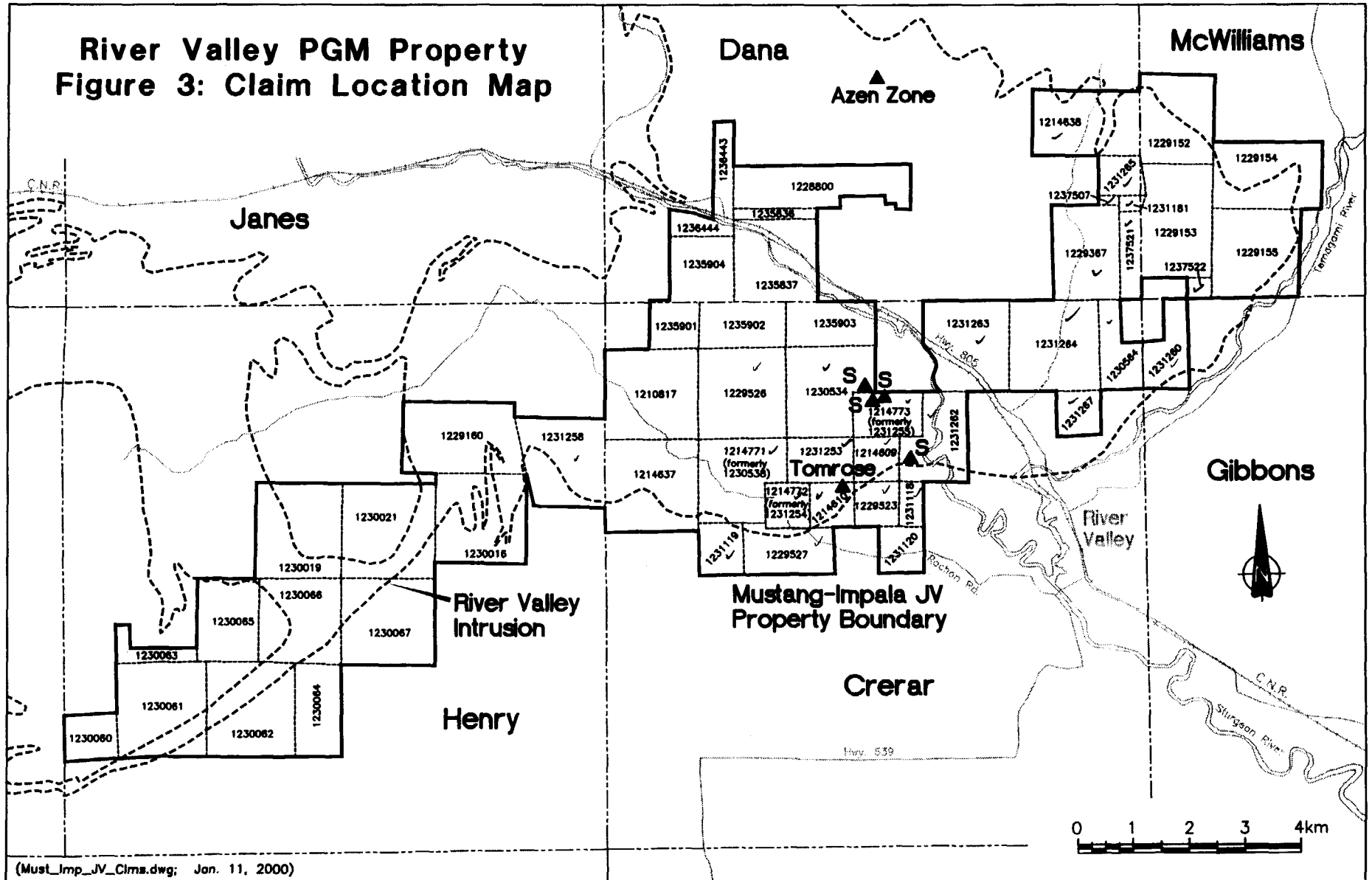


Table 1: River Valley PGM Property - Claim List

Township	Claim Number	Number of Units	Area Hectares
Crerar	1210817	16	256
Crerar ♦	1214609	4	64
Crerar ♦	1214610	4	64
Crerar	1214637	16	256
Crerar ♦	1214771	12	192
Crerar ♦	1214772	4	64
Crerar ♦	1214773	6	96
Crerar ♦	1229523	4	64
Crerar ♦	1229526	16	256
Crerar ♦	1229527	8	128
Crerar ♦	1230534	14	224
Crerar	1230564	6	96
Crerar ♦	1231118	2	32
Crerar ♦	1231119	4	64
Crerar	1231120	4	64
Crerar ♦	1231253	8	128
Crerar ♦	1231262	10	160
Crerar	1231263	16	256
Crerar	1231264	16	256
Crerar	1231267	4	64
Crerar	1235901	4	64
Crerar	1235902	8	128
Crerar	1235903	8	128
Dana	1214638	15	240
Dana	1228800	13	208
Dana	1229367	12	192
Dana	1231181	1	16
Dana	1231265	4	64
Dana	1235836	2	32
Dana	1235837	16	256
Dana	1235904	7	112
Dana	1236443	4	64
Dana	1236444	3	48
Dana	1237507	1	16
Dana	1237521	4	64
Gibbons	1231260	6	96
Henry	1229160	15	240
Henry	1230060	8	128
Henry	1230061	16	256
Henry	1230062	16	256
Henry	1230063	5	80

Table 1 (cont.): River Valley PGM Property - Claim List

Township	Claim Number	Number of Units	Area Hectares
Henry	1230064	8	128
Henry	1230065	6	96
Henry	1230066	16	256
Henry	1230067	16	256
Henry	1231258	16	256
Henry	1230016	16	256
Henry	1230019	16	256
Henry	1230021	16	256
McWilliams	1229152	12	192
McWilliams	1229153	15	240
McWilliams	1229154	15	240
McWilliams	1229155	16	256
McWilliams	1237522	1	16
TOTALS	54	511	8176

♦ indicates claims covered by the South Grid

REGIONAL GEOLOGY

The River Valley property is underlain by the early Proterozoic-aged (2475±2/-1 Ma) River Valley Intrusion, a layered gabbro-anorthosite pluton. The intrusion is approximately 30km long and up to 15km wide, and is part of the Huronian Nipissing Magmatic Belt, which includes the East Bull Lake and Shakespeare-Dunlop intrusions which are located in the Southern Province to the west of Sudbury (see Figure 4). The River Valley Intrusion occurs close to the juxtaposition of the Superior, Southern and Grenville provinces. The intrusion is situated in the Grenville province and is cut, but not displaced, by the Grenville Front tectonic zone along the northwest margin. Regionally, the River Valley pluton is associated with a large, positive gravity anomaly that suggests a possible associated denser, more mafic phase at depth.

PROPERTY GEOLOGY

The River Valley area was mapped by Lumbers (1973) during a regional reconnaissance mapping program, which broadly outlined the geology of the River Valley Intrusion, the surrounding host rocks and the location of the Grenville Front (see Figure 5). More recently, Easton and Hrominchuk (1999) and Hrominchuk (1999) have examined and documented the geology, stratigraphy and copper-platinum group element potential of Dana and Crerar townships.

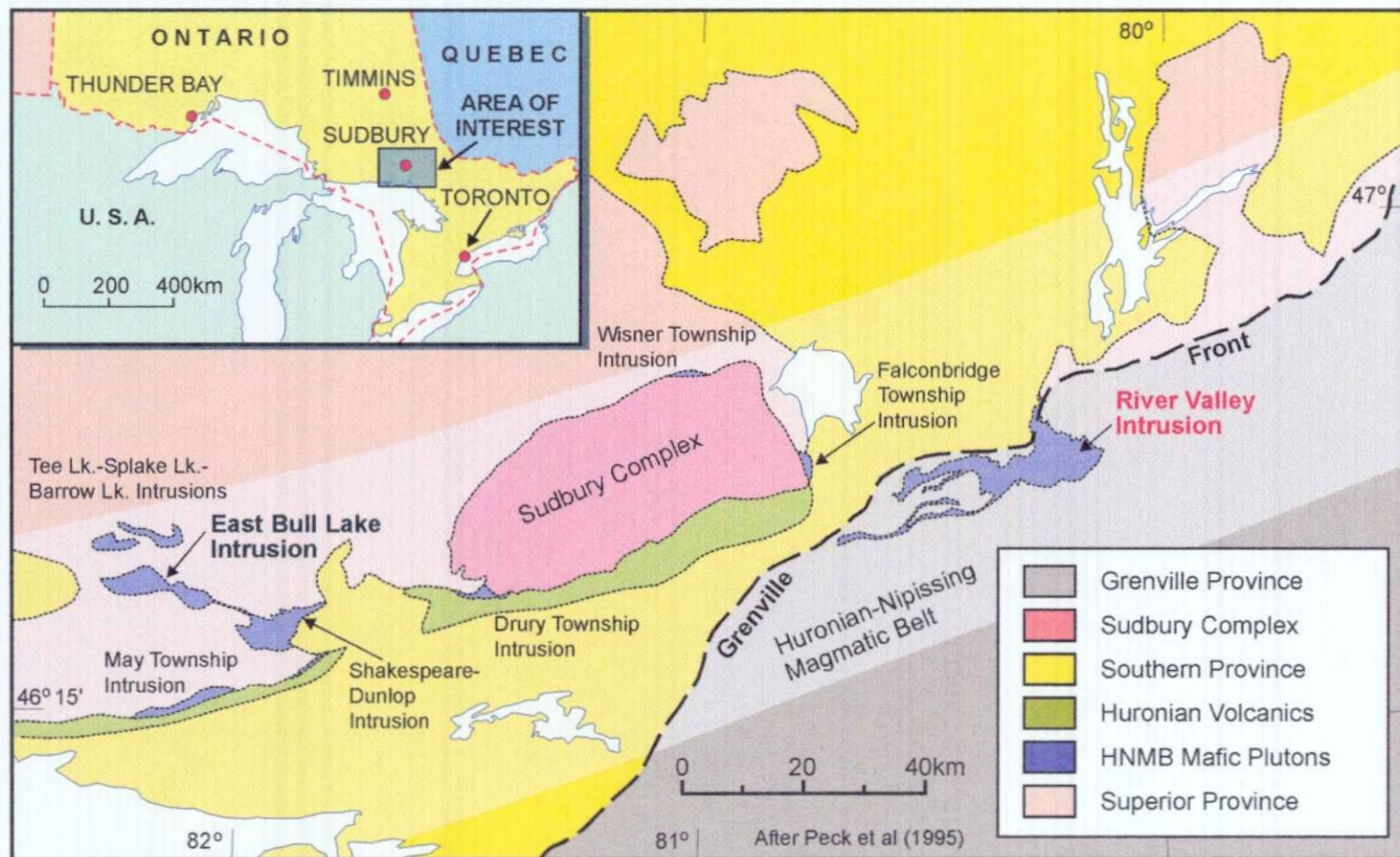
Mustang's River Valley PGM property is underlain by the River Valley gabbro-anorthosite intrusion and high-grade metasedimentary gneisses of the Grenville Province (see Figure 5). Ashwal and Wooden (1989) report that the intrusion is comprised mostly of leuconorite and leucogabbro with lesser anorthosite, mafic and ultramafic phases. More recently however, Easton and Hrominchuk (1999) indicate that the intrusion is dominated (~60% of the surface area) by gabbro, norite, gabbro-norite, leucogabbro-norite, and leuconorite compositions. True anorthosite forms only 10% of the surface exposures of the intrusion. Minor Cu-Ni-PGM mineralization occurs in the southeast portion of the intrusion (Tomrose Occurrence).

PREVIOUS WORK

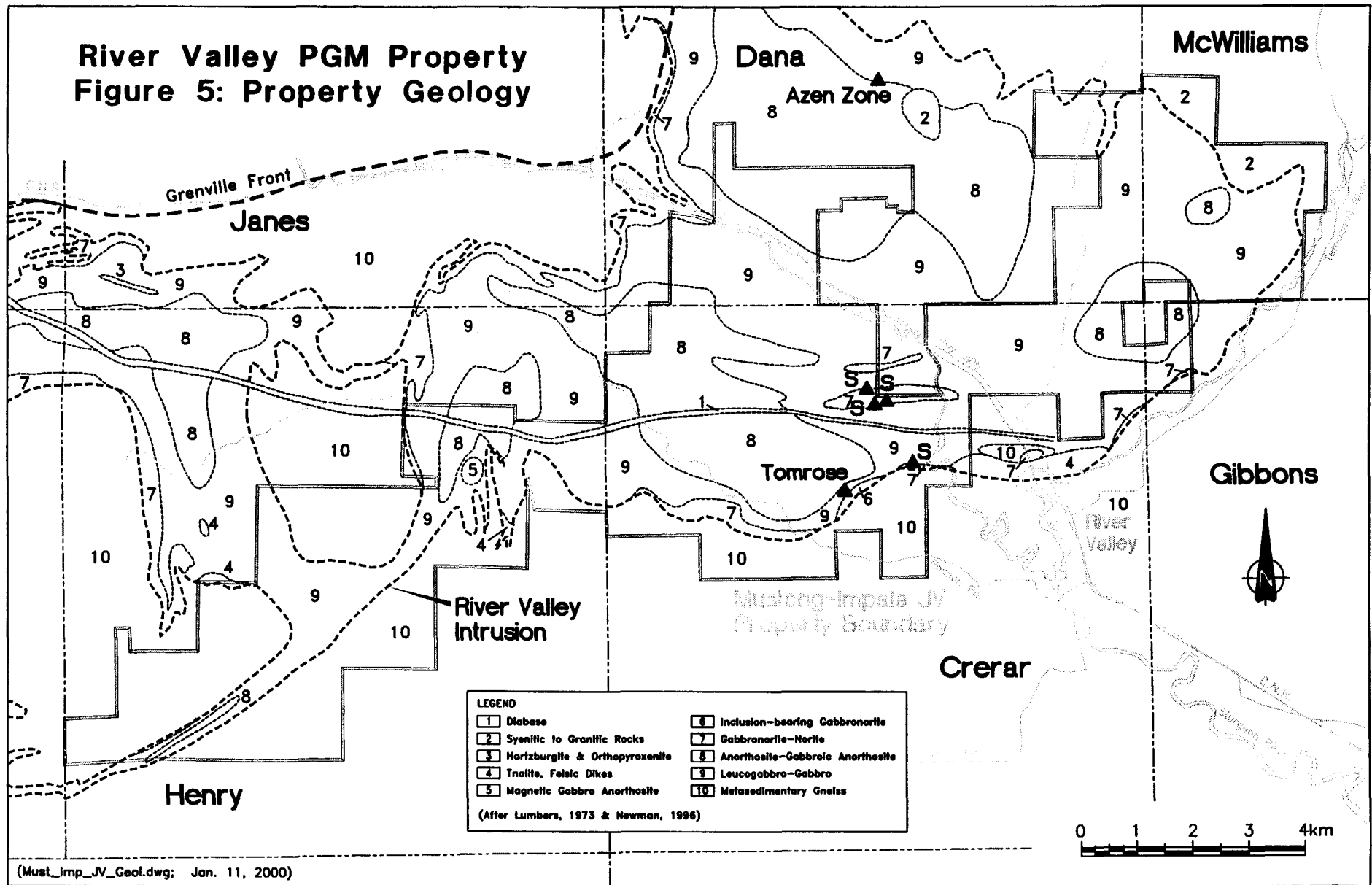
Information on previous exploration activities on the River Valley Intrusion is available from the Ministry of Northern Development and Mines in Sudbury, or through the ERLIS database.

The River Valley Intrusion has been the focus of relatively limited exploration activity over the past 45 years, and the bulk of this work has attempted to locate marginal-type massive copper-nickel sulphide mineralization similar to the Sudbury deposits. However, the intrusion has never been systematically explored for Platinum Group Metals (PGM) associated with disseminated sulphides (e.g. Stillwater and Lac des Iles deposits). Interestingly, it should also be noted that the Sudbury mines have collectively produced in excess of 20 million ounces of PGM as by-product from the nickel-copper ores.

Figure 4: Location of Early Proterozoic Layered Complexes in the Huronian-Nipissing Magmatic Belt, Ontario



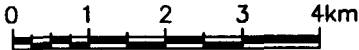
River Valley PGM Property Figure 5: Property Geology



LEGEND

1 Diabase	6 Inclusion-bearing Gabbronorite
2 Syenitic to Granitic Rocks	7 Gabbronorite-Norite
3 Harzburgite & Orthopyroxenite	8 Anorthosite-Gabbroic Anorthosite
4 Tnalite, Felsic Dikes	9 Leucogabbro-Gabbro
5 Magnetic Gabbro Anorthosite	10 Metasedimentary Gneiss

(After Lumbers, 1973 & Newman, 1996)



Between 1973 and 1996 much of Dana Township was included in the Temagami Land Caution, and was not available for staking. Additionally, historic building stone quarries are present in better preserved portions of the River Valley Intrusion north of the Sturgeon River in Dana Township. These quarries exploited a black anorthosite that is locally known as "Black Granite". Coarse garnet was also extracted from the gneisses in east-central Dana Township just north of the intrusive contact.

Historically, previous exploration work has focused on the southeastern contact of the intrusion in Crerar Township and is summarized chronologically below:

1956: McIntyre Porcupine Mines, Limited completed two diamond drill holes on the Ferguson claims to test quartz veins with associated semi-massive chalcopyrite-pyrite mineralization. The holes totalled 32.6m (107 feet) on historic claim 90348. The best intersection was reported at 25% Cu and 0.01% Ni over 0.61m (2.0 feet).

1960-1962: Tomrose Prospecting Syndicate completed prospecting, rock trenching, character sampling and 113.7m (373 feet) of pack sack drilling. Additionally, a total of 20 pits and trenches were excavated. The best assays from this work included 25% Cu and 8.9 g/t Au (0.26 opt).

1963-1964: Tomrose Mines Limited completed prospecting and 13 diamond drill holes (1 to 9 and 64-10 to 13, inclusive) totalling 1233.83m (4,408 feet). Although no significant assays were reported the drill logs indicated that several drill holes had intersected significant concentrations of sulphides (pyrite, pyrrhotite and chalcopyrite) associated with blue quartz eyes within the intrusion. The holes were drilled on historic claims 52410 and 51682.

1965: Falconbridge Nickel Mines optioned the Tomrose property and completed ground magnetometer and electromagnetic surveys and six diamond drill holes (CRE-1 to 6, inclusive) totalling 331.01m (1086 feet). No significant assays were reported and Falconbridge subsequently dropped the option.

1965: Tomrose Mines Limited, drilled two holes (NE-1 & 2) for a total of 114.00m (374 feet). No assays were reported.

1966: Tomrose Mines Limited, completed one 134.72m (442 feet) diamond drill hole (T66-1). Minor sporadic pyrrhotite, pyrite and chalcopyrite were reported but no assays were submitted.

1966: Azen Mines Limited, staked 10 claim units to the west of the Tomrose claim group and conducted a ground magnetic survey only. No drilling was reported.

1983-1986: Albert Leblanc drilled three holes (1-83, 1-84 and 1-86) for a total of 104.85m (344 feet) on two claim units in the northwest corner of Henry Township. No assay results are available.

1990: Albert Leblanc drilled three holes (90-1 to 90-3) for a total of 403.56m (1324 feet). Only 14 samples were submitted for assay and up to 338ppb PGM was reported. It also appears that Teck Explorations Limited logged the core from at least one hole

(DDL-0143; 153.01m). Interestingly, the drill log indicated a 34.78m (114.1 feet) sulphide mineralized section with sulphides ranging from trace up to 4% disseminated pyrrhotite, chalcopyrite and pyrite; however, no assay results were reported.

1994: Albert Leblanc conducted power stripping on three areas under an OPAP Grant. The claims were subsequently optioned by WMC International and formed part of a larger land package that was being assembled at that time.

1994-1996: WMC International Limited, staked and optioned a total of 1541 units covering a large portion of the River Valley Intrusion in an attempt to explore for marginal type Ni-Cu-PGM mineralization. An integrated program of airborne magnetic and electromagnetic geophysical (DIGHEM) surveys, soil and till geochemical surveys, and reconnaissance mapping and sampling was conducted. Several areas of interest were identified within the intrusion; however, no follow up work was performed. The report also confirmed the high PGM potential of the intrusion.

1998-1999: R. Bailey, L. Luhta and R. Orchard discovered two significant PGM prospects (Dana North and Azen Creek zones) associated with the northern contact of the River Valley Intrusion in Dana Township. Interestingly, these claims are situated within the area that was previously included in the Temagami Land Caution. This property was optioned by Pacific Northwest Capital Corporation (PFN) in 1998, and is currently being explored under an option-joint venture agreement (August, 1999) between PFN and Anglo American Platinum Corporation Limited (Amplats). Preliminary results from the 1999 outcrop stripping and detailed sampling programs in the Dana Lake Area have indicated five mineralized zones, which extend over a distance of 780m and are anomalous to highly anomalous (0.25 to 16.0g/t PGM). An average assay value of 376 samples that were collected from the mineralized zones average 2.4g/t PGM, 0.16% Cu and 0.04% Ni. Rhodium averages 0.05g/t, with individual assays ranging up to 0.3g/t.

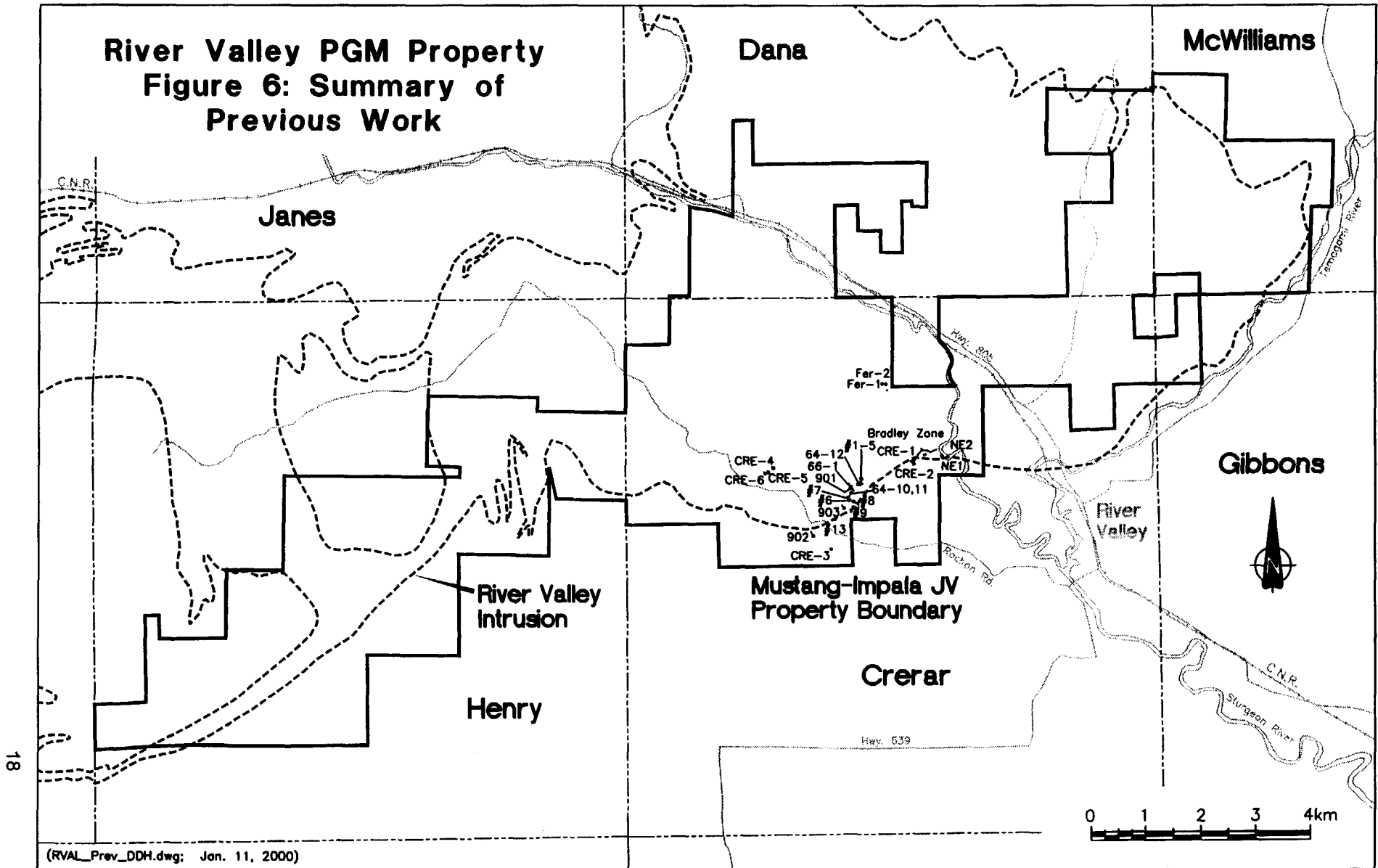
1999: Mustang Minerals Corp. performed a geological prospecting survey on the Tomrose Zone (Albert Leblanc claims) in Crerar Township and several claims in Dana and McWilliams townships. Mustang verified that the Cu-Ni showings are enriched with platinum group metals with assays up to 0.69g/t PGM.

For convenience, the previous exploration activities are also summarized in Figure 6.

GEOLOGICAL MAPPING PROGRAM

Geological mapping commenced on Mustang's River Valley Property on October 15, 1999, and was completed by December 6, 1999. During this time a total of 75 line kilometres of 200m grid were systematically mapped at 1:5000, sampled, prospected and also covered by a ground magnetic survey (Patrie, 1999). A total of 452 locations were sampled (one sample for assay and one representative hand sample from each location) giving an average sample density of approximately one sample every 165m. The current magnetic declination for the area (11° west) was obtained from the Natural Resources Canada, Geomagnetism Laboratory in Ottawa.

River Valley PGM Property Figure 6: Summary of Previous Work



Geological mapping was conducted by T. Keast and P. Wood, and both were assisted by G. Wright. It should be noted that as the mapping program commenced so late in the field season it was decided that traverses would be restricted to outcrop exposures that were close to the grid lines. This would ensure that the task was completed before the outcrops were covered with snow. However, several of the sulphide occurrences were not mapped in detail due to snow cover.

Daily travel to the southern portion of the grid was via the Rochon Road that transects the grid from lines 0E to 20E (see Figure 2). The northern portion of the grid is more easily accessed by crossing the Sturgeon River by foot bridge to the north of the town of River Valley, then by ATV trails which extend to the south and west from the northeast corner of the grid.

Rock Units

Mapping was carried out using the WMC geological legend (Newman, 1996) as listed below:

UNIT	ROCK TYPE
11	Late Mafic Dikes
10	Granite
9	Diorite
8	Anorthosite
7	Gabbroic-Anorthosite
6	Leucogabbro, Anorthositic-Gabbro
5	Gabbro
4	Gabbronorite
3	Norite
2	Pyroxenite
1	Metasedimentary Gneiss

Anorthosite was identified on the basis of <5% mafic component. The anorthosite is typically medium- to coarse-grained and composed of plagioclase with minor (<5%), interstitial black amphibole after clinopyroxene. Other accessory minerals included biotite and garnet. Minor zones of black anorthosite were also observed with up to 7% magnetite.

Gabbroic Anorthosite contains between 5% and 15% mafic minerals. These rocks are typically medium- to coarse-grained and composed of plagioclase laths with interstitial black amphibole after clinopyroxene. Textures vary from massive to gneissic.

Leucogabbro, or anorthositic gabbro, is characterized as having between 15 and 40% mafic minerals. The rock is composed of cumulate, medium-grained plagioclase with intercumulate black amphibole after clinopyroxene (see Plate 2). Texturally this unit varies from massive to gneissic. Gneissic leucogabbro was common on the northern portion of the grid and consists of alternating plagioclase bands and amphibole-

garnet-biotite bands (see Plate 3). The leucogabbro unit is the most dominant rock type on the south grid.

Gabbro is defined as having greater than 40% mafic component, with less than 10% of the mafic component being cumulate. The gabbros observed on the property typically consist of fine- to medium-grained cumulate plagioclase in a dark green amphibole-chlorite matrix (see Plate 4). The gabbros generally occur along the margins of the intrusion and as an east-west trending unit across the north of the grid.

Gabbronorite is defined when good cumulate mafic mineral textures are observed. The rock is composed of greater than 40% mafic cumulates with subhedral plagioclase and minor interstitial magnetite.

Norite is defined when cumulate orthopyroxene can be identified.

A **Late Mafic Dike** was observed crosscutting the intrusion on a single outcrop area on line 28E. The dike is magnetite-rich, relatively unaltered, unmetamorphosed and exhibits a good chilled contact. The dikes are easily identified with the magnetic survey as approximately east-west (270°-290°) trending lineaments that exhibit minor north-south offsets.

Metasedimentary Gneiss was observed along the southern contact of the intrusion in the South Grid area. These rocks are paragneiss and were derived from recrystallized, quartz-feldspathic sediments. These gneissic rocks are easily distinguished from the gneissic intrusive rocks.

Well-preserved, primary, igneous layering was commonly observed in outcrop on the southwest corner of the grid (lines 4E, 6E and 8E south of the baseline). Layering is oriented at 210 to 230 and appears to have a steep dip to the northwest (see Plates 5 and 6).

Analyses

The samples were shipped via courier to XRAL Laboratories, Rouyn-Noranda, Quebec, for analyses. All samples were assayed for Au, Pt, Pd, Cu and Ni. All precious metal concentrations were determined using fire assay (30g charge) followed by a direct coupled plasma/mass spectrometer (DCP) finish. The detection limits for a one assay ton (30g) sample are 1ppb for Au and Pd, and 10ppb for Pt. Base metal concentrations were determined by atomic absorption spectrometry after 0.25 to 0.3g of the pulp was subjected to an nitric aqua regia digestion. Sixteen samples were also submitted for whole rock analyses (major element oxides, LOI and several other trace elements) using x-ray fluorescence spectrometry (XRF) on a fused disc prepared from a 2g sample. The detection limits for all of the major oxides are 0.01% except for TiO₂ at 0.001%.

All of the samples that contain anomalous to highly anomalous PGM will also be submitted for Rh (rhodium) assays. Additionally, a selected number of samples of the reject material remaining from the samples that were processed at XRAL will be submitted to another laboratory for check analyses.



Plate 2: Detail of massive, coarse-grained leucogabbro. Outcrop is east of L6E/~4S (Arrow on scale points to north).



Plate 3: Detail of gneissic leucogabbro with garnet-rich band to left of pencil. Outcrop is located between L36E and L38E just south of TL14+75N (Pencil points to north).



Plate 4: Close up of medium-grained gabbro with small cumulate plagioclase phenocrysts in a dark green amphibole-chlorite matrix. Outcrop is located at L6E/~2+50S (Arrow on scale points to north).



Plate 5: Small outcrop with primary igneous layering - leucogabbro with gabbroic layers. Mineral grading (top?) appears to occur to the west. Outcrop is located on the north side of Rochon Road at ~7E/1+70S (Arrow on scale points to north).

Additionally, six representative samples of mineralized and unmineralized rock were submitted to Quantec Consulting Inc. for physical property determinations (magnetic susceptibility, specific gravity, resistivity and IP chargeability). Two mineralized samples collected from the PFN property (Dana South Zones and Trench Zones) were also included for comparison.

Results of Geological Mapping Program

A program of geological mapping, sampling and prospecting was initiated over the South Grid to locate and test previous Cu-Ni occurrences for PGM enrichment, and explore the River Valley intrusion contact for additional contact-style PGM mineralization. The assay and whole rock results are summarized in Appendix 1, and assay certificates are given in Appendix 2. Included in these results are the major element oxides, LOI and several other trace elements. The physical property results are included in Appendix 3. The South Grid Bedrock Geology Map (1:5000 scale), and the Sample Location and PGM Assay Data map in "bubble plot" format (1:5000 scale) are located in Pockets 1 and 2, respectively, at the back of this report.

The following observations and generalities are made based on the 1999 mapping program:

- The River Valley Intrusion in the vicinity of the South Grid is composed of predominantly leucogabbro to gabbroic anorthosite to gabbro with lesser anorthosite and noritic phases. Metamorphic grade appears to attain at least amphibolite grade. Ongoing geochemistry and petrography will assist in refining rock classification and metamorphic grade determination.
- The south contact of the intrusion appears to be primary (not tectonic) and dips at 50°-80° to the south. It is suggested that this could represent the overturned base of the intrusion.
- The intrusion is generally massive and relatively undeformed in the vicinity of the contact. The rocks show variable degrees of recrystallization and primary clinopyroxene has been commonly replaced by black amphibole. Well preserved primary igneous layering was also commonly observed. Minor deformed, gneissic domains are present; however, the deformation intensity increases to the north (north of ~10+00N) where straight and folded gneisses predominate. Rare undeformed lithons of intrusive rock were occasionally seen in outcrop in this area.
- The best mineralization, in terms of both sulphide and PGM concentrations, occurs adjacent to the intrusive contact in the vicinity of the Tomrose and Bradley occurrences.
- Elevated PGM concentrations are also associated with two other mineral occurrence types:
 - a) Gabbroic anorthosite-leucogabbro rocks that occur on the west side of the grid and north of the baseline, are enriched in PGM. This mineralization is associated with magnetite (up to 10%), a pronounced magnetic anomaly and only trace quantities of sulphide.

- b) Deformed quartz-chalcopyrite-pyrite veins ± disseminated chalcopyrite in gneissic rocks on the northern portion of the grid.

The significance of these mineralization types is currently unknown.

Assays

Of the 448 samples (4 samples were not reported) that were assayed, two samples contained greater than 1000ppb PGM (56861 - 2073ppb PGM; Tomrose and 56903 - 1105ppb PGM; occurrence east of Tomrose). Additionally, approximately 10% of the samples contained greater than 100ppb PGM. Interestingly, Easton and Hrominchuk (1999) report that, based on their more regional sampling of mineralized and unmineralized rocks from the area, samples containing between 70 to 140ppb PGM and 70 to 140ppm Cu are anomalous. Samples containing higher concentrations (i.e. greater than 140ppb PGM and 140ppm Cu) are described as highly anomalous. Statistical data for the South Grid samples are summarized below:

Average PGM	55ppb
Standard Deviation	128ppb
Range	0 to 2073ppb
Number	448

It should be noted that the samples show a strong negative skew towards lower PGM concentrations and this will consequently result in a relatively large standard deviation.

Platinum/palladium (Pt/Pd) ratios show considerable variation for the South Grid sample population. Ratios range from 0.1 up to 31, but generally fall around 1.0 to 2.0. In highly anomalous samples the ratios are also close to 1.0. The significance of this observation is currently unclear, but is likely related to the processes that resulted in the concentration of PGM in the well-mineralized zones. Another interesting point to note is that highly anomalous copper values do not necessarily correspond with highly anomalous PGM concentrations, and vice versa. This suggests that systematic sampling of rock units may be a safer strategy, rather than simply focusing on rocks with rust-stains or visible sulphides.

Lithogeochemistry

Sixteen representative samples of the River Valley Intrusion in the South Grid area were selected for whole rock and trace element analyses by XRF. These results are presented in Appendix 1. Plots derived by Irvine and Baragar (1971: Alkalies-Silica) and Jensen (1976: Jensen Cation) are used to characterize the intrusive rocks of the River Valley property. As the Alkalies-Silica plot (Figure 7) illustrates, all of the intrusive rocks of the River Valley Pluton have a subalkalic affinity. On the Jensen Cation plot (see Figure 8), most of the River Valley intrusive rocks plot in the calc-alkalic field and define a rhyolitic (anorthosite) to komatiitic (gabbro to gabbro-norite) trend. Interestingly, the two samples that plotted in the tholeiitic field are a late crosscutting diabase dike (57419) which plots as a high iron tholeiite and a coarse, magnetite-bearing gabbroic anorthosite (56817) which plots as a tholeiitic dacite.

Figure 7: Alkalies-Silica Plot for River Valley Intrusive Rocks, South Grid Rocks

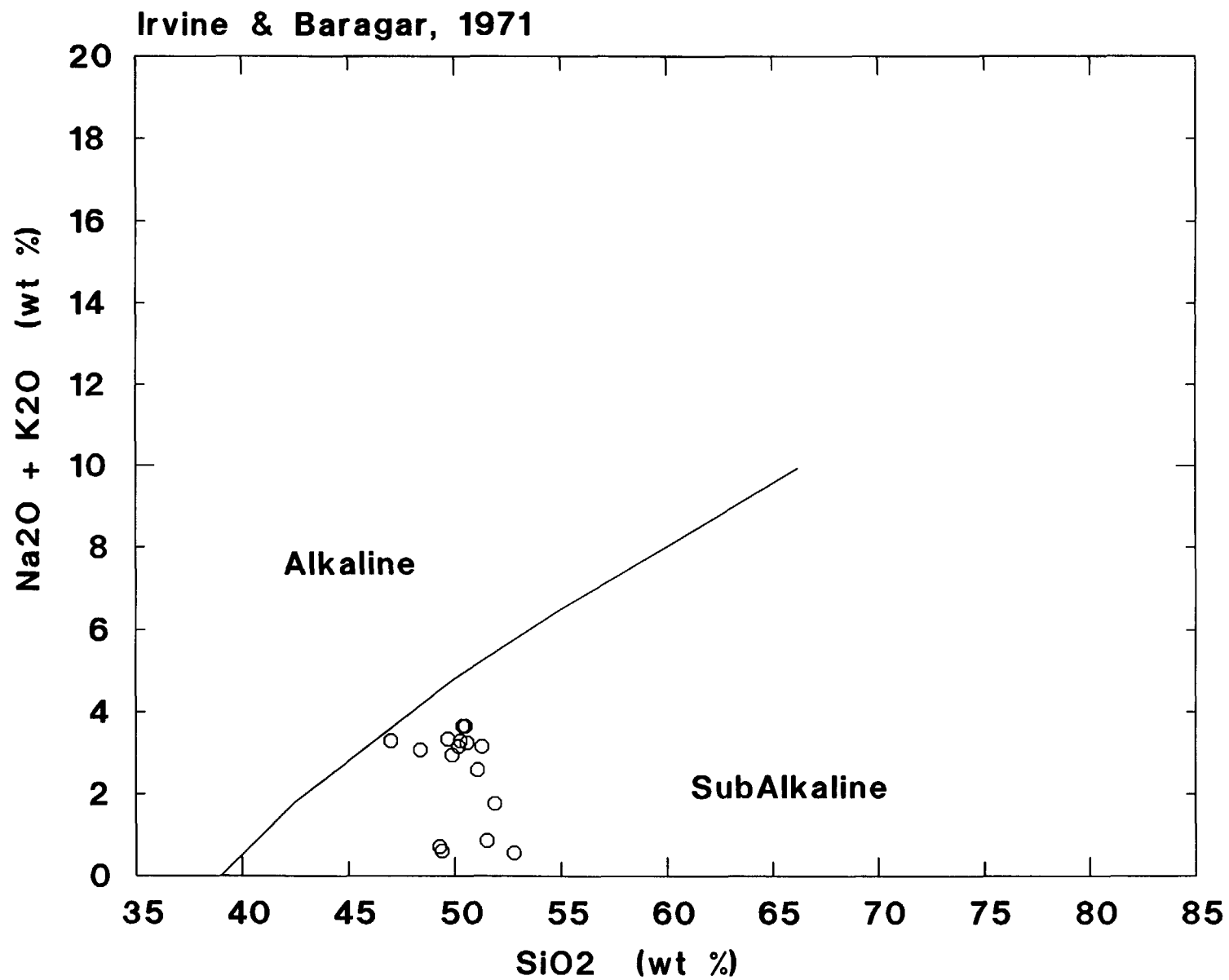
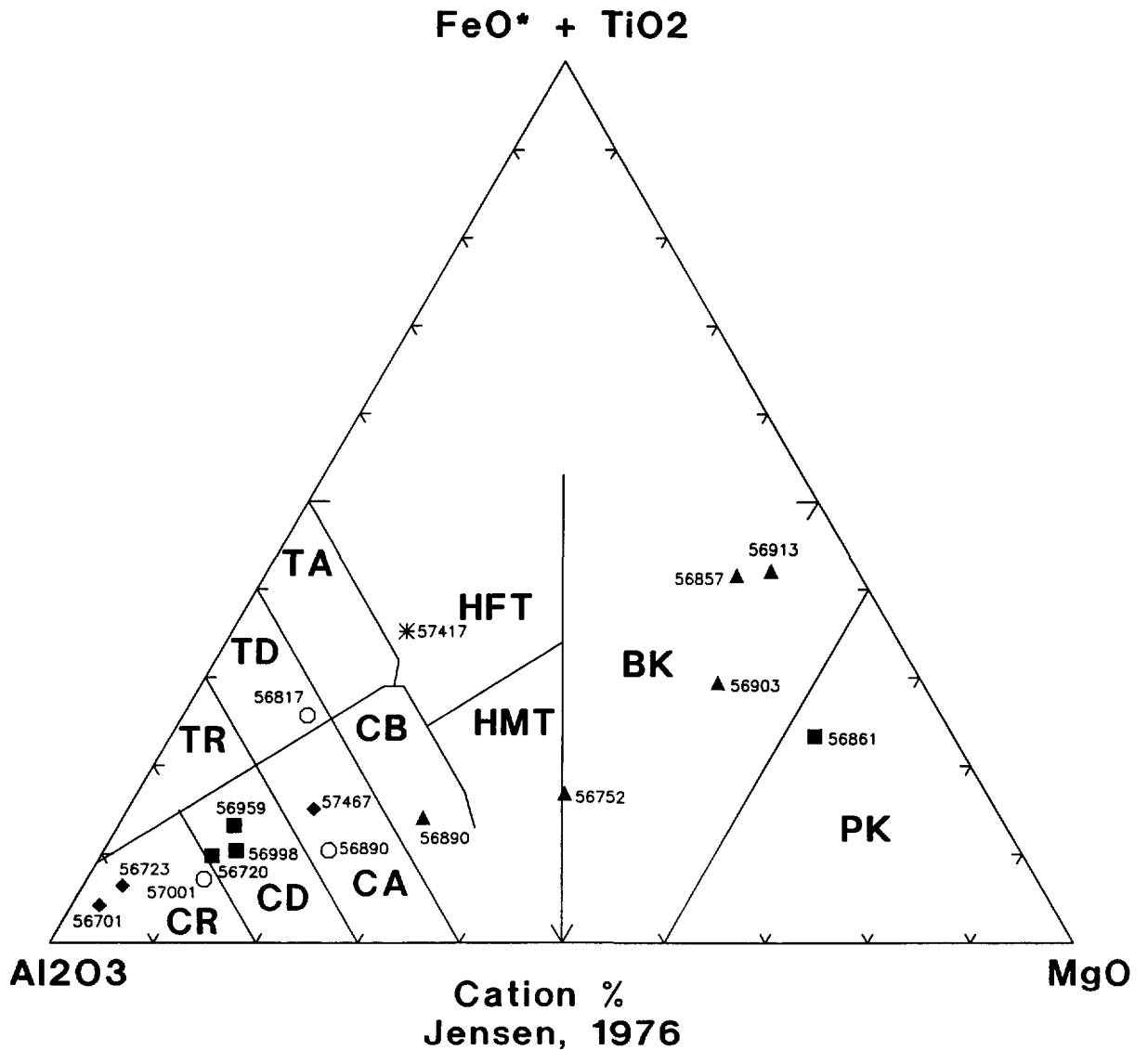


Figure 8: Jensen Cation Plot for River Valley Intrusive Rocks, South Grid



LEGEND

- ◆ Anorthosite (8)
- Gabbroic Anorthosite (7)
- Leucogabbro (6)
- ▲ Gabbro (5)
- * Diabase Dike (11)

Physical Property Determinations

Representative samples of the River Valley Intrusion were selected for whole rock and trace element analyses by XRF. These results are presented in Appendix 3 indicate that the rocks generally exhibit high electrical resistivity values varying between 2130 ohm.m and 9130 ohm.m. The densities vary between 2870 to 3310 kg/m³ and are probably related to magnetite content. Magnetic susceptibility is highly variable between different samples and also within individual samples. Finally, the chargeabilities range from 2.56 to 42.05 mV/V (total chargeability). It should be noted that high chargeability values correlate directly with high density values, which in turn probably reflect higher concentrations of magnetite and sulphides. Interestingly, the sulphide mineralized Dana South Zone (DSZ) and Trench Zone (T-1) samples (PFN) exhibits a high density, increased chargeability values, but relatively low magnetic susceptibility. In this case the higher chargeability is likely due to the sulphides present in the rock.

CONCLUSIONS AND RECOMMENDATIONS

The results of the 1999 mapping, sampling and prospecting program, designed to test the River Valley Intrusion in the South Grid area for PGM potential, were very encouraging. Up until most recently, the River Valley Intrusion has received very little systematic exploration for Cu-PGM mineralization. Anomalous to highly anomalous PGM concentrations were detected in several areas that should be investigated further. Other interesting and/or significant results include:

1. The South Grid is underlain by predominantly leucogabbro, followed by gabbroic anorthosite, gabbro, and anorthosite, with only minor norite and pyroxenite.
2. The southern contact appears to be primary and relatively undeformed. Good cumulate textures were observed close to the intrusive contact with the adjacent gneisses.
3. Previous exploration work has located several copper-nickel showings that were never tested for PGMs. The current mapping program has verified that these showings also host anomalous to highly anomalous PGM concentrations.
4. Three styles of mineralization were observed: a) Contact-style mineralization with disseminated pyrrhotite, pyrite and chalcopyrite (e.g. Tomrose and Bradley showings); b) Gabbroic Anorthosite-Leucogabbro hosted mineralization on the west side of the grid north of the baseline. This mineralization is associated with magnetite and only trace quantities of sulphide; and (c) Deformed quartz-chalcopyrite-pyrite veins ± disseminated chalcopyrite in gneissic rocks on the northern portion of the grid. The significance of (b) and (c) are currently unknown.

Following are a series of recommendations for the next phase of exploration on the River Valley PGM Property:

1. In light of the results of the 1999 mapping program and the recent exploration results from the PFN property to the north, exploration should be mainly focussed along the primary contacts of the intrusion. The contacts should be covered with an IP survey (~1000m per line; 500m of intrusion to contact and 250m additional coverage to the north and south) in order to delineate sulphide concentrations.
2. Follow-up to the IP should include trenching and stripping over selected anomalies in areas with thin overburden cover.
3. Wherever possible, detailed geologic mapping should also be conducted over the contact zone mineralization (Tomrose, Bradley etc.) in order to document the width and characteristics of the marginal and inclusion-bearing rocks in these areas.
4. Diamond drilling should then test the continuity of the best targets at depth.

Certificate of Qualification

I, Peter C. Wood, of the city of Timmins, Province of Ontario, Canada, do hereby certify that:

1. I am a practising consulting geologist with Geodigital Mapping Systems Inc., with an office at 637 Algonquin Blvd. East, Timmins, Ontario, and a mailing address of P.O. Box 983, Timmins, Ontario, P4N 7H6;
2. I am a graduate of the University of Toronto, Ontario with an Honours Bachelor of Applied Science Degree (1983) in Geological Engineering and Applied Earth Sciences (Exploration Option), and a Master of Science Degree (1987) in Economic Geology;
3. I have been practising my profession as a geologist in Ontario, Quebec, and the Northwest Territories since 1987;
4. The information contained in this report and accompanying maps is based on personal observations and direct supervision of the field work; and,
5. I hold no interest, directly or indirectly in the properties of Mustang Minerals Corp. nor do I expect to receive any interest or considerations from Mustang Minerals Corp. except for regular fees for work completed.

Dated this 15th day of February, 2000, Timmins, Ontario



Peter C. Wood, B.A.Sc., M.Sc.

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APPENDIX I

Summary Tables of Assay and Whole Rock Data

River Valley Property, South Grid - Sample Descriptions and Assay Data

Sample #	Location		Rock Type	Grain Size	Sulphides	Mag Sus.	Assays			Pt+Pd+Au ppb	Pt/Pd	Cu ppm	Ni ppm	Ni/Cu
	East	North/South					Au ppb	Pt ppb	Pd ppb					
56701	-6	425	Anorthosite	C.G.	Tr cpy, po		2	<10	19	21		113	21	5.4
56702	-10	430	Gabbro	F.G.			2	<10	9	11		6	42	0.1
56703	-20	440	Anorthosite	C.G.	Tr po		2	<10	8	10		14	16	0.9
56704	-66	339	Gabbroic Anorthosite	C.G.	Tr cpy		<1	<10	7	7		63	15	4.2
56705	-75	348	Gabbroic Anorthosite	C.G.	Tr cpy		<1	<10	8	8		18	14	1.3
56706	-42	336	Gabbroic Anorthosite	C.G.	Tr cpy, po		2	<10	10	12		6	14	0.4
56707	-3	307	Gabbroic Anorthosite	M.G.	Tr cpy		1	<10	7	8		27	17	1.6
56708	28	259	Leucogabbro	F.-M.G	Tr cpy		2	<10	51	53		14	22	0.6
56709	34	272	Anorthosite	M.G.	Tr-1% cpy		3	<10	43	46		206	30	6.9
56710	-12	255	Leucogabbro	M.G.	Tr cpy		1	13	160	174	0.08	14	13	1.1
56711	10	176	Leucogabbro	C.G.	Tr cpy		4	<10	73	77		45	15	3.0
56712	0	106	Leucogabbro	C.G.	Tr		6	33	36	75	0.92	125	16	7.8
56713	0	-252	Leucogabbro-Gabbro	M.G.	Nil		3	<10	7	10		51	25	2.0
56714	3	-271	Leucogabbro-Gabbro	M.G.	Tr		2	<10	6	8		15	20	0.8
56715	-25	-273	Leucogabbro-Gabbro	M.G.	Tr		3	<10	7	10		48	31	1.5
56716	-86	-338	Gabbro	M.G.	Tr		1	<10	6	7		48	22	2.2
56717	-20	-315	Leucogabbro	M.G.	Nil		3	<10	6	9		63	22	2.9
56718	5	-395	Leucogabbro	F.G.	Nil		2	<10	8	10		37	14	2.6
56719	0	-416	Leucogabbro	M.G.	Nil		3	<10	12	15		17	19	0.9
56720	7	469	Leucogabbro	M.G.	Nil		3	<10	7	10		54	30	1.8
56721	-3	-505	Leucogabbro	M.G.	Tr		3	<10	5	8		34	36	0.9
56722	64	-453	Leucogabbro-Gabbro	F.-M.G	Nil		1	<10	3	4		26	23	1.1
56723	1	675	Anorthosite	C.G.	Tr cpy		<1	<10	4	4		50	17	2.9
56724	2	699	Leucogabbro (Gneiss)	F.G.	Nil		1	<10	7	8		5	19	0.3
56725	22	700	Gabbroic Anorthosite	M.-C.G.	Tr-1% cpy		5	<10	15	20		48	10	4.8
56726	40	632	Anorthosite	C.G.	Tr		3	<10	2	5		55	15	3.7
56727	47	624	Anorthosite	C.G.	Nil		2	<10	5	7		12	10	1.2
56728	26	673	Anorthosite	M.-C.G.	Tr cpy		3	<10	5	8		18	13	1.4
56729	43	655	Gabbroic Anorthosite	C.G.	Nil		4	<10	2	6		10	18	0.6
56730	13	745	Gabbroic Anorthosite (Gneiss)	F.G.	Tr py		2	19	16	37	1.19	102	15	6.8
56731	37	752	Gabbro (Gneiss)	F.G.	Tr-1% py, cpy		2	22	57	81	0.39	592	28	21.1
56732	200	875	Gabbro (Gneiss)	F.-M.G	Tr py		3	29	16	48	1.81	26	16	1.6
56733	200	860	Leucogabbro	M.G.	Tr py, cpy		4	13	7	24	1.86	147	17	8.6
56734	194	815	Gabbroic Anorthosite	M.G.	Tr-1% py, cpy		2	<10	13	15		58	11	5.3
56735	192	735	Gabbroic Anorthosite	C.G.	Tr cpy		2	<10	3	5		25	11	2.3
56736	177	655	Gabbroic Anorthosite	C.G.	Tr		4	13	25	42	0.52	18	14	1.3
56737	204	628	Gabbroic Anorthosite	C.G.	Tr cpy		2	<10	5	7		38	12	3.2
56738	106	582	Gabbroic Anorthosite	C.G.	Tr cpy		4	<10	11	15		20	11	1.8
56739	195	530	Gabbroic Anorthosite	M.G.	Tr po		3	<10	4	7		24	18	1.3
56740	196	476	Anorthosite	C.G.	Tr		3	<10	5	8		35	23	1.5
56741	192	435	Anorthosite-Gabbroic Anorthosite	C.G.	Tr		5	<10	4	9		18	12	1.5
56742	220	385	Gabbroic Anorthosite	C.G.	Tr-1% cpy, po		2	<10	4	6		135	35	3.9
56743	185	345	Anorthosite-Gabbroic Anorthosite	C.G.	Tr		4	<10	5	9		19	15	1.3
56744	204	285	Leucogabbro	C.G.	Nil		7	47	97	151	0.48	14	13	1.1
56745	215	255	Leucogabbro	M.G.	Nil		7	33	17	57	1.94	30	22	1.4

River Valley Property, South Grid - Sample Descriptions and Assay Data

Sample #	Location		Rock Type	Grain Size	Sulphides	Mag Sus.	Assays			Pt+Pd+Au ppb	Pt/Pd	Cu ppm	Ni ppm	Ni/Cu
	East	North/South					Au ppb	Pt ppb	Pd ppb					
56746	200	232	Leucogabbro	M.G.	1-2% po, cpy		15	31	72	118	0.43	1320	193	6.8
56747	203	112	Gabbro	F.-M.G	Nil		13	18	12	43	1.50	24	17	1.4
56748	183	-385	Gabbroic Anorthosite	M.G.	Tr po, cpy		3	<10	8	11		53	22	2.4
56749	285	-112	Leucogabbro (Gneiss)	F.G.	Nil		4	12	11	27	1.09	6	16	0.4
56750	220	-345	Leucogabbro	M.G.	Nil		1	<10	8	9		27	16	1.7
56751	170	-390	Gabbroic Anorthosite	M.G.	Tr mt		2	<10	3	5		28	19	1.5
56752	195	-477	Gabbro	M.G.	Nil		<1	<10	2	2		26	18	1.4
56753	175	-570	Leucogabbro (Gneiss)	F.G.	Nil		2	<10	18	20		56	22	2.5
56754	192	-595	Gabbro	M.G.	Nil		2	<10	4	6		75	52	1.4
56755	200	-650	Leucogabbro	C.G.	Nil		5	<10	9	14		50	136	0.4
56756	180	725	Leucogabbro (Gneiss)	F.G.	Nil		<1	<10	7	7		29	28	1.0
56757	257	810	Gabbroic Anorthosite	F.-M.G	Tr py, cpy		<1	<10	5	5		43	23	1.9
56758	284	-800	Leucogabbro (Gneiss)	F.-M.G	Tr		3	<10	3	6		8	16	0.5
56759	414	-860	Leucogabbro	M.G.	Tr		9	<10	17	26		47	21	2.2
56760	401	-483	Leucogabbro	C.G.	Tr		3	<10	6	9		33	15	2.2
56761	445	-482	Leucogabbro	M.G.	Nil		1	<10	3	4		37	20	1.9
56762	410	-387	Leucogabbro	M.G.	Nil		<1	<10	3	3		22	30	0.7
56763	400	-196	Gabbro	F.G.	Nil		1	<10	16	17		28	126	0.2
56764	402	-180	Gabbro	F.G.	Nil		1	11	16	28	0.69	33	160	0.2
56765	373	140	Leucogabbro	F.G.	Nil		3	<10	<1	3		14	10	1.4
56766	395	171	Gabbro	F.G.	Tr		<1	<10	<1	0		12	16	0.8
56767	396	246	Leucogabbro	M.G.	Nil		4	52	42	98	1.24	23	14	1.6
56768	380	335	Gabbroic Anorthosite	C.G.	Nil		3	<10	19	22		18	17	1.1
56769	485	360	Gabbroic Anorthosite	M.G.	Nil		3	13	123	139	0.11	25	17	1.5
56770	401	380	Gabbroic Anorthosite	C.G.	Nil		3	<10	12	15		23	14	1.6
56771	368	412	Anorthosite	C.G.	Nil		8	19	30	57	0.63	24	16	1.5
56772	440	400	Anorthosite	C.G.	Nil		6	<10	37	43		10	16	0.6
56773	400	467	Anorthosite	C.G.	Nil		10	29	41	80	0.71	43	56	0.8
56774	415	612	Anorthosite	C.G.	Nil		7	<10	11	18		18	19	0.9
56775	392	645	Anorthosite	C.G.	Nil		6	<10	7	13		27	16	1.7
56776	400	705	Gabbro (Gneiss)	F.G.	Nil		5	<10	8	13		17	58	0.3
56777	380	750	Gabbroic Anorthosite	M.G.	Nil		7	142	22	171	6.45	9	18	0.5
56778	380	800	Anorthositic Gabbro	M.G.	Nil		6	<10	15	21		9	16	0.6
56779	396	865	Gabbroic Anorthosite	F.G.	Nil		6	<10	9	15		5	14	0.4
56780	390	875	Leucogabbro (Gneiss)	F.G.	Nil		9	<10	14	23		8	15	0.5
56781	600	665	Gabbroic Anorthosite	C.G.	Nil		6	<10	36	42		16	22	0.7
56782	590	610	Leucogabbro	M.G.	Nil		7	13	10	30	1.30	118	20	5.9
56783	650	80	Leucogabbro	M.G.	Nil		7	17	22	46	0.77	21	23	0.9
56784	650	100	Gabbroic Anorthosite	M.G.	Nil		13	<10	16	29		11	21	0.5
56785	604	135	Gabbroic Anorthosite	C.G.	Tr mt.		5	57	24	86	2.38	18	24	0.8
56786	600	33	Gabbroic Anorthosite	M.G.	Nil		5	55	21	81	2.62	14	24	0.6
56787	655	3	Gabbroic Anorthosite	M.G.	1-2% mt		5	15	16	36	0.94	62	18	3.4
56788	596	-95	Gabbro Leucogabbro	F.G.	Nil		3	<10	6	9		18	19	0.9
56789	595	-115	Leucogabbro	M.G.	Nil		5	<10	4	9		26	35	0.7
56790	600	-255	Gabbro	M.G.	Nil		6	<10	4	10		39	22	1.8

River Valley Property, South Grid - Sample Descriptions and Assay Data

Sample #	Location		Rock Type	Grain Size	Sulphides	Mag Sus.	Assays			Pt+Pd+Au ppb	P/Pd	Cu ppm	Ni ppm	Ni/Cu
	East	North/South					Au ppb	Pt ppb	Pd ppb					
56791	615	-300	Leucogabbro	M.G.	Nil		8	12	6	26	2.00	19	20	1.0
56792	610	-350	Gabbroic Anorthosite	M.G.	Tr cpy.py		6	<10	4	10		34	21	1.6
56793	660	-450	Gabbro	M.G.	Tr		11	13	10	34	1.30	15	22	0.7
56794	675	-370	Gabbro	F.G.	Nil		5	<10	5	10		22	24	0.9
56795	600	-501	Leucogabbro	M.G.	Tr		3	<10	3	6		21	20	1.1
56796	600	-570	Leucogabbro	M.G.	Nil		3	<10	2	5		25	22	1.1
56797	600	-630	Gabbroic Anorthosite	M.G.	Nil		4	<10	3	7		27	16	1.7
56798	590	-685	Leucogabbro	M.G.	Nil		9	<10	4	13		14	16	0.9
56799	615	-800	Leucogabbro	M.G.	Nil		6	<10	6	12		43	17	2.5
56800	447	-135	Gabbro	F.G.	Nil		4	<10	22	26		40	333	0.1
56801	810	-637	Gabbro	M.G.	Nil		3	<10	4	7		40	28	1.4
56802	740	-657	Leucogabbro	M.G.	Nil		4	10	7	21	1.43	34	24	1.4
56803	795	-585	Leucogabbro	M.G.	Nil		6	<10	11	17		34	26	1.3
56804	865	-515	Gabbro	M.G.	Nil		3	<10	8	11		29	30	1.0
56805	790	-527	Gabbro	M.G.	Nil		10	<10	13	23		47	20	2.4
56806	802	-465	Gabbro	M.G.	Nil		6	<10	8	14		40	21	1.9
56807	790	-450	Gabbro	M.G.	Nil		6	<10	5	11		30	20	1.5
56808	800	-415	Gabbro	M.G.	Nil		6	<10	10	16		45	18	2.5
56809	760	-370	Gabbroic Anorthosite	M.G.	Tr		5	<10	6	11		31	26	1.2
56810	915	-372	Gabbro	M.G.	Nil		5	<10	7	12		33	21	1.6
56811	78	-335	Gabbro	M.G.	Nil		4	<10	7	11		54	23	2.3
56812	810	-280	Leucogabbro	M.G.	Nil		4	<10	7	11		33	18	1.8
56813	780	-190	Leucogabbro	M.G.	Nil		3	<10	4	7		7	13	0.5
56814	804	71	Gabbro	C.G.	Nil		5	26	34	65	0.76	7	11	0.6
56815	770	-95	Leucogabbro	M.G.	Tr py		4	<10	5	9		65	13	5.0
56816	815	135	Gabbroic Anorthosite	C.G.	Tr py		7	<10	18	25		10	13	0.8
56817	796	203	Anorthosite	C.G.	Nil		4	42	25	71	1.68	14	32	0.4
56818	804	225	Anorthosite	M.G.	2-3% mt		11	41	43	95	0.95	16	27	0.6
56819	860	260	Anorthosite	C.G.	3-5% mt		9	32	26	67	1.23	14	26	0.5
56820	802	258	Gabbroic Anorthosite	C.G.	2-3% mt		4	<10	42	46		11	16	0.7
56821	795	290	Gabbroic Anorthosite	M.G.	1-2% mt		4	52	29	85	1.79	13	17	0.8
56822	799	354	Gabbroic Anorthosite	C.G.	2-3% mt		5	10	16	31	0.63	48	21	2.3
56823	800	450	Gabbroic Anorthosite	M.G.	2-5% mt		5	45	26	76	1.73	10	23	0.4
56824	799	512	Gabbroic Anorthosite	M.G.	Tr py		8	<10	25	33		27	15	1.8
56825	822	545	Anorthosite	M.G.	Nil		3	<10	6	9		14	13	1.1
56826	850	552	Gabbroic Anorthosite	M.G.	Nil		4	<10	4	8		18	10	1.8
56827	820	600	Gabbroic Anorthosite	F.G.	Nil		5	16	17	38	0.94	15	12	1.3
56828	810	646	Leucogabbro	F.G.	Nil		12	<10	7	19		9	12	0.8
56829	810	655	Anorthosite	C.G.	Nil		3	<10	40	43		10	15	0.7
56830	800	770	Plag hbl gar Gneiss	F.G.	Nil		3	<10	8	11		19	12	1.6
56831	0	1438	Gabbro	F.G.	Nil		10	80	12	102	6.67	148	49	3.0
56832	0	1337	Leucogabbro	F.G.	Nil		5	22	20	47	1.10	54	19	2.8
56833	0	960	Gabbroic Anorthosite	C.G.	Nil		6	20	10	36	2.00	68	20	3.4
56834	173	1065	Leucogabbro	C.G.	Nil		7	79	73	159	1.08	59	20	3.0
56835	196	465	Gabbro	F.G.	Nil		7	<10	3	10		144	49	2.9

River Valley Property, South Grid - Sample Descriptions and Assay Data

Sample #	Location		Rock Type	Grain Size	Sulphides	Mag Sus.	Assays			Pt+Pd+Au ppb	Pt/Pd	Cu ppm	Ni ppm	Ni/Cu
	East	North/South					Au ppb	Pt ppb	Pd ppb					
56836	204	1530	Gabbro Gneiss	F.G.	Nil		5	<10	2	7		63	29	2.2
56837	402	173	Gabbro Gneiss	F.G.	Nil		4	22	12	38	1.83	88	54	1.6
56838	385	1575	Leucogabbro Gneissic	M.G.	Nil		4	21	9	34	2.33	10	23	0.4
56839	415	1495	Leucogabbro Gneissic	F.G.	Nil		5	<10	2	7		11	24	0.5
56840	390	1190	Leucogabbro Gneissic	M.G.	Nil		5	39	28	72	1.39	33	17	1.9
56841	377	1020	Gabbro	M.G.	Nil		4	25	16	45	1.56	43	22	2.0
56842	392	1137	Leucogabbro	M.G.	Nil		3	15	8	26	1.88	23	17	1.4
56843	600	1701	Gabbro Gneissic	M.G.	Nil		4	<10	4	8		86	33	2.6
56844	850	2000	Gabbroic Anorthosite	M.G.	Nil		9	39	14	62	2.79	21	15	1.4
56845	800	1957	Leucogabbro Gneissic	F.G.	Nil		5	23	11	39	2.09	87	30	2.9
56846	800	1875	Leucogabbro Gneissic	F.G.	Nil		5	34	17	56	2.00	46	24	1.9
56847	803	1820	Gabbro Gneissic	F.G.	Nil		5	11	<1	16		81	26	3.1
56848	796	1625	Gabbro	F.G.	Nil		12	47	31	90	1.52	117	40	2.9
56849	799	1540	Gabbro	F.G.	Nil		6	11	<1	17		138	33	4.2
56850	798	1480	Gabbro	F.G.	1% mt		10	16	21	47	0.76	196	33	5.9
56851	800	1404	Gabbro	M.G.	Tr		13	18	5	36	3.60	103	17	6.1
56852	785	1130	Leucogabbro	M.G.	Nil		4	37	12	53	3.08	22	12	1.8
56853	2885	-385	Gabbroic Anorthosite	M.G.	Nil		4	24	9	37	2.67	29	27	1.1
56854	2585	-350	Gabbroic Anorthosite	C.G.	Nil		4	<10	15	19		5	31	0.2
56855	2600	-220	Gabbroic Anorthosite	F-M.G.	Nil		9	12	5	26	2.40	12	27	0.4
56856	2570	-165	Gabbro	F.G.	Tr-1% cpy		5	16	25	46	0.64	23	42	0.5
56857	2580	-177	Gabbro	M.G.	1-2% cpy		26	351	301	678	1.17	616	166	3.7
56858	2585	-185	Gabbro	M.G.	Tr-1% cpy		91	200	196	487	1.02	844	289	2.9
56859	2600	-195	Gabbro	M.G.	1-2% cpy		42	153	113	308	1.35	552	163	3.4
56860	2599	-195	Gabbro	M.G.	Tr-1% cpy		13	40	68	121	0.59	916	556	1.6
56861	2595	-155	Leucogabbro	M.G.	Nil		13	1020	1040	2073	0.98	98	71	1.4
56862	2600	-90	Gabbro	M.G.	Nil		5	19	31	55	0.61	19	247	0.1
56863	2630	-160	Leucogabbro Gneissic	M.G.	Nil		4	27	11	42	2.45	15	28	0.5
56864	2600	-20	Leucogabbro	M.G.	Nil		4	<10	19	23		16	36	0.4
56865	2620	-75	Anorthosite	M.G.	Nil		3	<10	2	5		16	22	0.7
56866	2599	147	Gabbroic Anorthosite	C.G.	Nil		4	<10	6	10		13	18	0.7
56867	2400	299	Leucogabbro	M.G.	Nil		3	<10	1	4		13	17	0.8
56868	2400	258	Leucogabbro	M.G.	Nil		2	19	<1	21		27	20	1.4
56869	2400	148	Anorthosite	C.G.	Tr		<1	14	<1	14		20	15	1.3
56870	2604	-24	Leucogabbro	C.G.	Nil		<1	<10	5	5		31	18	1.7
56871	2400	-50	Anorthosite	M.G.	Nil		4	<10	5	9		47	25	1.9
56872	2395	-158	Anorthosite	M.G.	Nil		4	<10	2	6		60	27	2.2
56873	2400	-248	Anorthosite	M.G.	Nil		1	<10	4	5		62	25	2.5
56874	2412	-287	Gabbro	M.G.	Tr-1% cpy, py		36	181	145	362	1.25	377	147	2.6
56875	2400	-307	Gabbro	M.G.	Nil		9	52	28	89	1.86	158	39	4.1
56876	2404	-437	Gabbroic Anorthosite	M.G.	Nil		2	31	1	34	31.00	15	182	0.1
56877	2400	-487	Leucogabbro	M.G.	Nil		1	26	<1	27		16	47	0.3
56878	2395	-500	Gabbro	M.G.	Tr-1% py		7	56	17	80	3.29	453	182	2.5
56879	2400	-520	Gabbro	M.G.	Rusty		3	35	10	48	3.50	174	100	1.7
56880	2400	-530	Leucogabbro	M.G.	Nil		<1	<10	8	8		10	22	0.5

River Valley Property, South Grid - Sample Descriptions and Assay Data

Sample #	Location		Rock Type	Grain Size	Sulphides	Mag Sus.	Assays			Pt+Pd+Au ppb	Pt/Pd	Cu ppm	Ni ppm	Ni/Cu	
	East	North/South					Au ppb	Pt ppb	Pd ppb						
56881	2396	-671	Gabbro	F-M.G	Nil		<1	<10	2		2	60	29	2.1	
56882	2809	7	Leucogabbro	M.G.	Nil		<1	<10	3		3	13	21	0.6	
56883	2790	175	Gabbroic Anorthosite	M.G.	Nil		1	26	<1		27	32	16	2.0	
56884	2800	302	Anorthosite	C.G.	Tr-1% po, cpy		4	11	4		19	2.75	57	15	3.8
56885	2810	350	Gabbro	M.G.	Nil		5	12	6		23	2.00	34	19	1.8
56886	3000	615	Leucogabbro	M.G.	Nil		3	12	6		21	2.00	29	13	2.2
56887	3000	460	Leucogabbro	M.G.	Nil		2	10	4		16	2.50	27	43	0.6
56888	3000	355	Anorthosite	C.G.	Nil		4	<10	6		10		28	15	1.9
56889	3000	273	Gabbroic Anorthosite	C.G.	Nil		2	12	<1		14		22	16	1.4
56890	3000	105	Gabbroic Anorthosite	C.G.	Nil		2	10	17		29	0.59	18	26	0.7
56891	3000	20	Leucogabbro	C.G.	Nil		3	25	50		78	0.50	11	13	0.8
56892	3170	30	Gabbroic Anorthosite	C.G.	Tr py		8	20	20		48	1.00	32	32	1.0
56893	3168	149	Anorthosite	M.G.	Nil		3	<10	4		7		25	22	1.1
56894	3170	326	Gabbroic Anorthosite	M.G.	Nil		4	<10	5		9		14	22	0.6
56895	3170	508	Gabbroic Anorthosite	C.G.	Nil		5	10	8		23	1.25	14	14	1.0
56896	3167	585	Leucogabbro Gneissic	M.G.	Nil		5	14	8		27	1.75	40	26	1.5
56897	3402	555	Anorthosite	C.G.	Nil		3	<10	4		7		10	13	0.8
56898	3392	385	Leucogabbro	M.G.	Nil		4	16	15		35	1.07	9	18	0.5
56899	3403	304	Gabbroic Anorthosite	M.G.	Nil		3	<10	15		18		21	11	1.9
56900	3400	215	Gabbro	C.G.	3-5% cpy, po		228	40	58		326	0.69	90	22	4.1
56901	3365	192	Gabbro	M.G.	Nil		4	17	14		35	1.21	4788	158	30.3
56902	3364	192	Gabbro	M.G.	1% cpy		41	100	105		246	0.95	552	80	6.9
56903	3352	190	Gabbro	F.-M.G.	Rusty		247	466	392		1105	1.19	400	28	14.3
56904	3415	50	Gabbro	F.G.	Tr-1% cpy		21	29	26		76	1.12	910	191	4.8
56905	3407	25	Gabbro	F.G.	2-3% cpy (py)		13	62	63		138	0.98	1256	272	4.6
56906	3408	20	Gabbro	F.G.	1-2% py		8	71	66		145	1.08	416	93	4.5
56907	3796	598	Gabbroic Anorthosite	M.G.	Nil		4	<10	11		15		48	17	2.8
56908	3798	465	Gabbroic Anorthosite	C.G.	Nil		3	10	13		26	0.77	19	14	1.4
56909	3811	450	Gabbro	M.G.	Nil		5	14	33		52	0.42	15	16	0.9
56910	3845	462	Leucogabbro	M.G.	Nil		5	12	169		186	0.07	20	21	1.0
56911	3800	365	Gabbro	F.G.	Nil		12	13	28		53	0.46	33	27	1.2
56912	3765	305	Gabbro	M.G.	1-2% po cpy, 1% mt		13	31	42		86	0.74	616	134	4.6
56913	3765	309	Gabbro	M.G.	2-3% cpy po, 1% mt		37	67	58		162	1.16	1354	242	5.6
56914	3765	313	Gabbro	M.G.	1-2% cpy po, 1% mt		30	72	67		169	1.07	1074	177	6.1
56915	3765	319	Gabbro	F.G.	Tr-1% cpy po, Tr mt		17	91	51		159	1.78	706	160	4.4
56916	3798	255	Gabbro	F.G.	Nil		4	27	45		76	0.60	72	38	1.9
56917	3598	295	Gabbro	M.G.	Nil		3	17	8		28	2.13	62	25	2.5
56918	3604	429	Gabbroic Anorthosite	C.G.	Nil		2	<10	21		23		23	10	2.3
56919	3600	545	Gabbroic Anorthosite	C.G.	Tr py		2	<10	7		9		44	16	2.8
56920	4015	1124	Gabbroic Anorthosite	M.G.	Nil		2	17	44		63	0.39	14	28	0.5
56921	3999	1030	Gabbroic Anorthosite	M.G.	Tr cpy, py		5	16	18		39	0.89	29	13	2.2
56922	4005	935	Gabbroic Anorthosite	M.G.	Tr-1% cpy		6	54	47		107	1.15	45	8	5.6
56923	4001	979	Anorthosite	M.G.	Nil		9	36	30		75	1.20	12	10	1.2
56924	3975	750	Anorthosite	C.G.	Nil		4	18	56		78	0.32	10	7	1.4
56925	4000	555	Anorthosite	C.G.	Tr-1% cpy		2	15	7		24	2.14	63	15	4.2

River Valley Property, South Grid - Sample Descriptions and Assay Data

Sample #	Location		Rock Type	Grain Size	Sulphides	Mag Sus.	Assays			Pt+Pd+Au ppb	Pt/Pd	Cu ppm	Ni ppm	Ni/Cu	
	East	North/South					Au ppb	Pt ppb	Pd ppb						
56926	3995	475	Leucogabbro	M.G.	Nil		4	<10	4		8	31	18	1.7	
56927	3995	443	Leucogabbro	M.G.	Nil		2	23	29		54	0.79	38	17	2.2
56928	3995	442	Leucogabbro	C.G.	Nil		49	48	25		122	1.92	248	23	10.8
56929	3773	517	Mafic Dike	F.G.	Nil		4	12	5		21	2.40	80	26	3.1
56930	3800	737	Leucogabbro	M.G.	Nil		10	77	35		122	2.20	21	20	1.1
56931	3802	790	Gabbroic Anorthosite	C.G.	Nil		4	28	38		70	0.74	27	11	2.5
56932	3800	876	Leucogabbro	M.G.	Nil		2	16	4		22	4.00	8	15	0.5
56933	3796	990	Gabbroic Anorthosite	M.G.	Tr cpy		2	<10	8		10		28	15	1.9
56934	3796	1020	Gabbroic Anorthosite	C.G.	Nil		4	15	9		28	1.67	12	17	0.7
56935	3798	1140	Leucogabbro	M.G.	Nil		3	22	37		62	0.59	4	33	0.1
56936	3800	1192	Gabbroic Anorthosite	M.G.	Tr-1% cpy, py		3	<10	8		11		57	17	3.4
56937	3800	1300	Leucogabbro Gneissic	F.G.	Nil		5	28	23		56	1.22	4	13	0.3
56938	3602	1377	Leucogabbro Gneissic	M.G.	Nil		15	20	32		67	0.63	48	13	3.7
56939	3600	1269	Gabbroic Anorthosite	M.G.	Nil		2	12	4		18	3.00	6	15	0.4
56940	3595	1203	Gabbroic Anorthosite	M.G.	Nil		5	15	11		31	1.36	45	14	3.2
56941	3600	1165	Leucogabbro	M.G.	Tr		4	22	14		40	1.57	52	16	3.3
56942	3597	1104	Leucogabbro	M.G.	Tr cpy		3	15	10		28	1.50	31	14	2.2
56943	3600	1029	Leucogabbro	M.G.	Tr cpy		3	<10	2		5		7	18	0.4
56944	3600	972	Anorthosite	C.G.	Tr cpy		3	11	19		33	0.58	10	12	0.8
56945	3604	900	Anorthosite	F.G.	1-2% mt		9	10	30		49	0.33	212	30	7.1
56946	3596	822	Leucogabbro-Gabbroic Anorthosite	M.G.	Nil		3	<10	6		9		26	18	1.4
56947	2969	1510	Qtz-cpy-py Vein		5-10% cpy, py		157	<10	7		164		24920	142	175.5
56948	2969	1510	Gabbro Gneissic	F.G.	Tr cpy, py		11	<10	2		13		392	32	12.3
56949	3398	1331	Leucogabbro Gneissic	F.G.	Nil		8	19	17		44	1.12	168	9	18.7
56950	3400	1243	Gabbroic Anorthosite	M.G.	Nil		5	<10	4		9		30	6	5.0
56951	3400	1165	Leucogabbro	M.G.	Nil		16	22	46		84	0.48	84	9	9.3
56952	3400	1092	Leucogabbro	M.G.	Nil		10	13	19		42	0.68	70	10	7.0
56953	3490	1010	Leucogabbro	M.G.	Nil		5	25	36		66	0.69	77	11	7.0
56954	3497	891	Leucogabbro	M.G.	Tr		3	30	27		60	1.11	87	16	5.4
56955	3401	770	Leucogabbro	C.G.	Nil		5	13	22		40	0.59	26	20	1.3
56956	3185	625	Leucogabbro	M.G.	Nil		<1	18	36		54	0.50	3	88	0.0
56957	3108	678	Leucogabbro	M.G.	Tr cpy		17	26	28		71	0.93	374	20	18.7
56958	3175	770	Leucogabbro	M.G.	Tr-1% cpy		<1	23	19		42	1.21	69	19	3.6
56959	3185	832	Leucogabbro	M.G.	Tr cpy		<1	23	23		46	1.00	76	16	4.8
56960	3150	870	Leucogabbro-Gabbroic Anorthosite	M.G.	1-2% cpy, po		<1	<10	10		10		80	16	5.0
56961	3215	900	Leucogabbro	M.G.	Tr cpy, po		2	38	39		79	0.97	102	19	5.4
56962	3155	925	Leucogabbro	M.G.	Tr cpy, mt		<1	14	16		30	0.88	53	17	3.1
56963	3150	935	Gabbroic Anorthosite	M.G.	Tr		<1	22	26		48	0.85	70	18	3.9
56964	3155	1000	Anorthosite	M.G.	1-2% mt		5	<10	30		35		330	18	18.3
56965	3195	1082	Leucogabbro	M.G.	Tr-1% cpy, po, mt		N/S	N/S	N/S		N/S		N/S	N/S	
56966	3190	1180	Leucogabbro	M.G.	Tr cpy		<1	35	37		72	0.95	38	15	2.5
56967	3166	1225	Leucogabbro	M.G.	Tr		<1	<10	2		2		169	16	10.6
56968	3065	1360	Leucogabbro	M.G.	Nil		1	39	56		96	0.70	94	18	5.2
56969	3060	1370	Leucogabbro	F.G.	Tr-1% cpy		12	72	121		205	0.60	358	26	13.8
56970	3130	1370	Leucogabbro Gneissic	F.G.	Tr-1% cpy		8	59	118		185	0.50	382	26	14.7

River Valley Property, South Grid - Sample Descriptions and Assay Data

Sample #	Location		Rock Type	Grain Size	Sulphides	Mag Sus.	Assays			Pt+Pd+Au ppb	Pt/Pd	Cu ppm	Ni ppm	Ni/Cu
	East	North/South					Au ppb	Pt ppb	Pd ppb					
56971	3176	1519	Gabbro	F.G.	Nil		4	29	46	79	0.63	127	34	3.7
56972	3170	1687	Leucogabbro	F.G.	Nil		2	29	46	77	0.63	58	16	3.6
56973	3130	1775	Gabbro	M.G.	Nil		2	44	52	98	0.85	98	18	5.4
56974	3168	1872	Leucogabbro	M.G.	Nil		2	24	16	42	1.50	74	17	4.4
56975	3170	1950	Leucogabbro	F.G.	Nil		1	<10	12	13		79	41	1.9
56976	3170	1971	Gabbro	F.G.	Nil		3	<10	21	24		64	29	2.2
56977	3170	2067	Leucogabbro	C.G.	Nil		13	15	5	33	3.00	55	16	3.4
56978	3170	2154	Leucogabbro	M.G.	Nil		<1	24	17	41	1.41	50	23	2.2
56979	3170	2187	Gabbro	F.G.	Nil		<1	<10	1	1		81	14	5.8
56980	3265	1996	Leucogabbro	M.G.	Nil		<1	<10	9	9		49	12	4.1
56981	3096	2000	Anorthosite	M.G.	Nil		<1	21	11	32	1.91	20	15	1.3
56982	2997	1990	Leucogabbro	M.G.	Nil		<1	32	14	46	2.29	25	18	1.4
56983	2990	2070	Leucogabbro	M.G.	Nil		3	<10	5	8		81	19	4.3
56984	3007	1960	Gabbro	F.G.	Nil		11	11	11	33	1.00	87	30	2.9
56985	3000	1910	Gabbro	F.G.	Nil		2	21	20	43	1.05	86	26	3.3
56986	2993	1845	Leucogabbro-Gabbro Gneissic	M.G.	Nil		<1	42	32	74	1.31	41	18	2.3
56987	2970	1345	Leucogabbro Gneissic	M.G.	Nil		4	17	18	39	0.94	77	16	4.8
56988	3002	1185	Gabbroic Anorthosite	M.G.	Nil		<1	<10	1	1		77	18	4.3
56989	3006	1093	Gabbroic Anorthosite	M.G.	Nil		1	<10	97	98		7	14	0.5
56990	3020	900	Leucogabbro	M.G.	Nil		1	29	32	62	0.91	52	17	3.1
56991	3015	880	Leucogabbro	M.G.	Nil		1	<10	1	2		17	18	0.9
56992	3005	730	Leucogabbro	M.G.	Nil		<1	<10	6	6		6	20	0.3
56993	2400	512	Leucogabbro	M.G.	Nil		<1	11	23	34	0.48	26	18	1.4
56994	2400	649	Gabbroic Anorthosite	C.G.	Nil		1	<10	26	27		20	14	1.4
56995	2400	788	Gabbroic Anorthosite	C.G.	Nil		<1	16	23	39	0.70	12	19	0.6
56996	2398	1057	Gabbroic Anorthosite	F.G.	Nil		<1	28	28	56	1.00	46	20	2.3
56997	2403	1260	Leucogabbro	M.G.	Tr		5	10	7	22	1.43	88	18	4.9
56998	2400	1360	Leucogabbro	M.G.	Nil		<1	13	13	26	1.00	22	18	1.2
56999	2400	1475	Gabbro	F.G.	Nil		<1	13	12	25	1.08	48	33	1.5
57000	2406	1774	Leucogabbro Gneissic	F.G.	Nil		11	45	64	120	0.70	804	18	44.7
57401	2405	1877	Gabbro	F.G.	Nil		4	50	55	109	0.91	46	32	1.4
57402	2411	1935	Gabbro	F.G.	Nil		7	11	9	27	1.22	80	46	1.7
57403	2399	2022	Leucogabbro	M.G.	Tr cpy		3	65	86	154	0.76	110	23	4.8
57404	2595	2085	Leucogabbro	M.G.	Nil		<1	18	5	23	3.60	98	18	5.4
57405	2600	1992	Gabbro	M.G.	Nil		2	162	107	271	1.51	45	16	2.8
57406	2600	1929	Gabbro	F.G.	Nil		2	11	11	24	1.00	68	38	1.8
57407	2598	1797	Gabbro	F.G.	Nil		3	70	65	138	1.08	55	28	2.0
57408	2600	1340	Leucogabbro	M.G.	Tr-1% cpy, po		1	28	23	52	1.22	44	18	2.4
57409	2600	1299	Leucogabbro	M.G.	Nil		<1	34	23	57	1.48	17	24	0.7
57410	2612	1045	Leucogabbro	M.G.	Tr-1% cpy, po		<1	17	3	20	5.67	33	15	2.2
57411	2800	752	Leucogabbro	M.G.	Tr		<1	13	11	24	1.18	9	22	0.4
57412	2808	769	Leucogabbro	M.G.	1-2% cpy		3	13	25	41	0.52	592	22	26.9
57413	2788	855	Leucogabbro	M.G.	Tr		<1	20	11	31	1.82	17	17	1.0
57414	2796	965	Leucogabbro Gneissic	F.G.	Nil		2	<10	2	4		5	12	0.4
57415	2807	1030	Leucogabbro	M.G.	Tr py		4	<10	97	101		19	12	1.6

River Valley Property, South Grid - Sample Descriptions and Assay Data

Sample #	Location		Rock Type	Grain Size	Sulphides	Mag Sus.	Assays			Pt+Pd+Au ppb	Pt/Pd	Cu ppm	Ni ppm	Ni/Cu
	East	North/South					Au ppb	Pt ppb	Pd ppb					
57416	2793	1045	Aphyric Mafic Dike, Diabase?	F.G.	Nil		7	<10	21	28		177	42	4.2
57417	2805	1068	Diabase Dike	M.G.	Nil		8	<10	30	38		277	23	12.0
57418	2798	1220	Gabbroic Anorthosite	C.G.	Nil		2	<10	25	27		11	11	1.0
57419	2800	1515	Gabbro	F.G.	Nil		8	14	1	23	14.00	109	31	3.5
57420	2818	1725	Leucogabbro-Gabbro Gneissic	F.G.	Nil		1	<10	8	9		90	20	4.5
57421	2800	1829	Gabbro Gneissic	F.G.	Nil		3	39	22	64	1.77	28	30	0.9
57422	2805	1910	Gabbro	F.G.	Nil		4	13	15	32	0.87	51	37	1.4
57423	2800	2051	Leucogabbro Gneissic	M.G.	Nil		4	<10	8	12		31	22	1.4
57424	3170	2260	Leucogabbro	M.G.	Nil		3	<10	9	12		63	16	3.9
57425	3170	2342	Leucogabbro	M.G.	Nil		2	<10	6	8		39	10	3.9
57426	3165	2495	Leucogabbro	M.G.	Nil		7	<10	17	24		113	42	2.7
57427	3172	2612	Leucogabbro	M.G.	Nil		7	<10	1	8		38	15	2.5
57428	3170	2726	Leucogabbro	M.G.	Nil		3	<10	7	10		49	13	3.8
57429	1996	2185	Gabbro-Leucogabbro	M.G.	Nil		4	15	10	29	1.50	60	14	4.3
57430	2007	2294	Leucogabbro	M.G.	Nil		3	<10	4	7		48	10	4.8
57431	2005	2483	Leucogabbro	M.G.	Nil		13	<10	9	22		250	13	19.2
57432	1977	2603	Leucogabbro-Gabbro	M.G.	Nil		5	13	15	33	0.87	114	14	8.1
57433	2005	2705	Leucogabbro	M.G.	1-2% cpy		21	32	22	75	1.45	463	10	46.3
57434	1996	2848	Leucogabbro	M.G.	Tr-1% cpy		82	<10	2	84		1316	11	119.6
57435	2012	3010	Leucogabbro-Gabbro	M.G.	Tr-1% cpy		7	<10	<1	7		96	20	4.8
57436	2023	3150	Gabbroic Anorthosite	M.G.	Tr-1% cpy		2	<10	5	7		63	22	2.9
57437	2024	3687	Gabbro Gneissic	F.G.	Nil		6	14	24	44	0.58	128	35	3.7
57438	1992	3758	Gabbro	F.G.	Nil		9	16	23	48	0.70	167	25	6.7
57439	2008	3850	Gabbro	M.G.	Nil		14	<10	15	29		228	35	6.5
57440	1996	3897	Leucogabbro	M.G.	Nil		10	14	12	36	1.17	144	17	8.5
57441	1997	4071	Leucogabbro	M.G.	Nil		5	56	31	92	1.81	17	15	1.1
57442	1000	2073	Gabbro	M.G.	Nil		15	20	23	58	0.87	73	15	4.9
57443	1000	2147	Gabbro	M.G.	Nil		5	26	18	49	1.44	40	13	3.1
57444	1000	2625	Leucogabbro	M.G.	Nil		6	<10	6	12		46	13	3.5
57445	993	2774	Leucogabbro	M.G.	Nil		11	<10	7	18		134	18	7.4
57446	1000	2858	Gabbro-Leucogabbro	M.G.	Minor rust		4	22	11	37	2.00	45	17	2.6
57447	1000	2890	Leucogabbro	M.G.	Nil		4	<10	5	9		66	16	4.1
57448	1001	3212	Gabbroic Anorthosite	M.G.	Nil		3	<10	4	7		29	13	2.2
57449	1003	3290	Leucogabbro	M.G.	Nil		5	21	10	36	2.10	67	14	4.8
57450	995	3780	Gabbro Gneissic	F.G.	Nil		3	19	15	37	1.27	58	14	4.1
57451	990	3890	Leucogabbro Norite?	M.G.	Nil		4	13	16	33	0.81	50	15	3.3
57452	997	4410	Leucogabbro	M.G.	Tr		3	<10	12	15		50	12	4.2
57453	1000	4368	Leucogabbro Norite?	M.G.	mt		6	40	35	81	1.14	66	18	3.7
57454	998	4276	Leucogabbro Norite?	M.G.	Tr-1% mt		3	12	12	27	1.00	86	15	5.7
57455	985	4200	Leucogabbro Norite?	M.G.	Tr-1% mt		5	37	37	79	1.00	52	13	4.0
57456	1000	4090	Leucogabbro	M.G.	Nil		10	23	22	55	1.05	66	15	4.4
57457	1731	4000	Leucogabbro	M.G.	Nil		3	14	11	28	1.27	21	11	1.9
57458	1910	4000	Leucogabbro	M.G.	Nil		2	<10	4	6		18	13	1.4
57459	3585	1375	Leucogabbro Gneissic	F.G.	1-2% cpy		39	10	25	74	0.40	960	22	43.6
57460	3585	1375	Gabbro Gneissic	M.G.	2-3% cpy		503	19	107	629	0.18	5620	50	112.4

River Valley Property, South Grid - Sample Descriptions and Assay Data

Sample #	Location		Rock Type	Grain Size	Sulphides	Mag Sus.	Assays			Pt+Pd+Au ppb	Pt/Pd	Cu ppm	Ni ppm	Ni/Cu
	East	North/South					Au ppb	Pt ppb	Pd ppb					
57461	3585	1375	Gabbro Gneissic	M.G.	Nil		7	10	5	22	2.00	50	14	3.6
57462	3627	1375	Leucogabbro Gneissic	F.G.	Tr-1% cpy		13	16	25	54	0.64	103	16	6.4
57463	3540	1362	Gabbro Gneissic	M.G.	Tr cpy		8	95	83	186	1.14	202	13	15.5
57464	3528	1370	Gabbro Gneissic	F.G.	Tr-1% cpy		71	15	7	93	2.14	3460	19	182.1
57465	3528	1370	Leucogabbro Gneissic	F.G.	Tr-1% cpy		42	21	53	116	0.40	1858	13	142.9
57466	3585	1375	Gabbro Gneissic	M.G.	1-2% cpy		65	60	80	205	0.75	2600	94	27.7
57001	980	-110	Gabbroic Anorthosite	M.G.	Nil	0.2	<1	<10	1	1		13	18	0.7
57002	1000	-10	Gabbroic Anorthosite	C.G.	Nil	0.3	2	20	18	40	1.11	158	16	9.9
57003	1000	78	Gabbroic Anorthosite	M.G.	Tr-1% mt	3.0-65.0	4	16	22	42	0.73	34	20	1.7
57004	1000	130	Leucogabbro	C.G.	Tr-1% cpy	0.3	20	16	16	52	1.00	306	14	21.9
57005	955	415	Gabbroic Anorthosite	M.G.	1-2% mt.	20.5	1	16	40	57	0.40	17	29	0.6
57006	1025	470	Anorthosite	C.G.	1-3% mt, Tr py, Tr.cpy	35-55	<1	<10	34	34		18	31	0.6
57007	1000	1177	Gabbroic Anorthosite	M.G.	Tr cpy	0.2	4	26	21	51	1.24	46	15	3.1
57008	1000	1570	Gabbro	M.G.	Nil	0.45	14	25	25	64	1.00	111	50	2.2
57009	970	1880	Gabbro	M.G.	Nil	0.4	<1	<10	11	11		32	24	1.3
57010	1200	1940	Gneissic Gabbro	M.G.	Nil	0.43	4	14	21	39	0.67	50	22	2.3
57011	1220	1330	Anorthosite	M.G.	Tr-1% py, Tr. cpy	0.18	6	14	14	34	1.00	32	15	2.1
57012	995	-305	Gabbroic Anorthosite	C.G.	Nil	0.2	4	<10	7	11		26	22	1.2
57013	1220	-450	Gabbroic Anorthosite	M.G.	Nil	10.0-15.0	4	13	13	30	1.00	46	160	0.3
57014	1200	-580	Anorthosite	C.G.	Nil	0.08	2	<10	3	5		11	18	0.6
57015	1215	-680	Anorthosite	C.G.	Tr po. Tr. Pr	0.09	6	20	8	34	2.50	152	38	4.0
57016	1400	-880	Anorthosite	M.G.	Nil	0.13	4	<10	7	11		26	25	1.0
57017	1400	-680	Anorthosite	C.G.	Tr. po. Tr. py	0.11	3	<10	5	8		25	22	1.1
57018	1210	-170	Gabbroic Anorthosite	M.G.	Nil	0.18	3	<10	4	7		16	21	0.8
57019	1235	0	Leucogabbro	M.G.	Tr. py. Tr. cpy	0.15	2	<10	4	6		32	18	1.8
57020	1200	160	Gabbroic Anorthosite (Gneissic)	M.G.	Tr py, Tr cpy	0.17	2	13	10	25	1.30	33	15	2.2
57021	1185	210	Gabbroic Anorthosite	M.G.	1% mt.	33	4	24	23	51	1.04	37	16	2.3
57022	1190	475	Leucogabbro	C.G.	Nil	0.45	5	66	35	106	1.89	11	10	1.1
57023	1195	600	Gabbroic Anorthosite	M.G.	1-3% mt.	21	4	14	25	43	0.56	9	17	0.5
57024	1200	830	Gabbroic Anorthosite	M.G.	Nil	0.6	2	12	17	31	0.71	5	9	0.6
57025	1400	630	Gabbroic Anorthosite	M.G.	Nil	0.45	2	11	23	36	0.48	21	18	1.2
57026	1400	345	Leucogabbro	M.G.	Nil	1.05	5	19	18	42	1.06	42	85	0.5
57027	1380	180	Gabbroic Anorthosite	C.G.	Nil	0.2	2	10	9	21	1.11	29	22	1.3
57028	1400	-195	Gabbroic Anorthosite	F.G.	Nil	0.15	N/S	N/S	N/S	N/S		N/S	N/S	
57029	1600	1995	Leucogabbro	C.G.	Nil		37	23	20	80	1.15	67	14	4.8
57030	1800	1705	Gabbro	F.G.	Tr. py.		23	16	20	59	0.80	115	40	2.9
57031	1800	1430	Leucogabbro Gneissic	F.G.	Nil		4	14	11	29	1.27	61	30	2.0
57032	1808	1430	Anorthosite	C.G.	Tr. py		2	12	1	15	12.00	44	20	2.2
57033	1805	665	Leucogabbro	M.G.	Nil		7	23	38	68	0.61	39	157	0.2
57034	1805	430	Gabbroic Anorthosite	M.G.	Tr. py		3	<10	2	5		25	24	1.0
57035	1795	0	Leucogabbro	M.G.	Tr. cpy.		2	<10	3	5		32	31	1.0
57036	1700	-175	Gabbroic Anorthosite	C.G.	Tr. py		<1	<10	<1	0		14	16	0.9
57037	1800	-320	Leucogabbro	F.G.	Nil		<1	<10	8	8		8	80	0.1
57038	1800	-620	Gabbroic Anorthosite	C.G.	Tr. py		1	<10	3	4		14	15	0.9
57039	1600	-400	Gabbroic Anorthosite	C.G.	Nil		<1	<10	11	11		14	20	0.7

River Valley Property, South Grid - Sample Descriptions and Assay Data

Sample #	Location		Rock Type	Grain Size	Sulphides	Mag Sus.	Assays			Pt+Pd+Au ppb	Pt/Pd	Cu ppm	Ni ppm	Ni/Cu
	East	North/South					Au ppb	Pt ppb	Pd ppb					
57040	1595	-570	Gabbroic Anorthosite	C.G.	Nil		<1	<10	<1	0		6	19	0.3
57041	2005	-810	Leucogabbro	M.G.	Tr mt		6	13	15	34	0.87	18	20	0.9
57042	2010	-780	Leucogabbro	F.G.	1-3% po, Tr cpy, 3-5% mt	9.7	19	176	144	339	1.22	1072	236	4.5
57043	2008	-780	Gabbro	F.G.	1-3% po, 1% cpy	0.57	32	142	155	329	0.92	706	110	6.4
57044	2020	-785	Leucogabbro	M.G.	Tr cpy,py, 1-3% mt	4.5	20	80	83	183	0.96	225	45	5.0
57045	1995	-712	Gabbro	M.G.	Tr py	0.42	9	30	20	59	1.50	49	13	3.8
57046	2020	-590	Leucogabbro	M.G.	Tr cpy	0.35	5	11	16	32	0.69	56	12	4.7
57047	2000	-465	Anorthosite	C.G.	Nil	3	12	26	42	80	0.62	30	18	1.7
57048	1995	-208	Anorthosite	C.G.	Nil	0.15	6	17	6	29	2.83	29	16	1.8
57049	2000	-40	Gabbroic Anorthosite	C.G.	Tr po, Tr cpy	0.18	5	17	5	27	3.40	7	20	0.4
57050	2207	-35	Gabbroic Anorthosite	M.G.	Rusty	0.06	5	14	4	23	3.50	8	15	0.5
57051	2205	-107	Gabbroic Anorthosite	C.G.	Tr py	0.22	11	35	11	57	3.18	21	14	1.5
57052			No Sample		Nil		N/S	N/S	N/S	N/S		N/S	N/S	
57053	2200	-200	Gabbroic Anorthosite	C.G.	Rusty		5	39	15	59	2.60	18	11	1.6
57054	2185	-450	Anorthosite, pyroxenite?	C.G.	Nil	3.45	5	13	8	26	1.63	41	19	2.2
57055	2200	-500	Anorthosite, pyroxenite?	C.G.	Nil	3.5	6	20	13	39	1.54	43	21	2.0
57056	2195	-625	Gabbro	C.G.	Rusty	0.32	7	17	11	35	1.55	32	12	2.7
57057	2200	-760	Gabbroic Anorthosite	C.G.	Nil		5	<10	9	14		12	139	0.1
57058	1600	150	Gabbro	F.G.	Tr py	0.25	5	27	8	40	3.38	19	19	1.0
57059	1600	426	Gabbroic Anorthosite	C.G.	Tr py	0.31	8	54	20	82	2.70	41	13	3.2
57060	1596	530	Gabbroic Anorthosite	C.G.	Tr py	0.87	N/S	N/S	N/S	N/S		N/S	N/S	
57061	1598	753	Gabbroic Anorthosite	C.G.	Nil	5.5	5	39	15	59	2.60	6	11	0.5
57062	1610	1455	Gabbro	M.G.	Nil	0.43	5	13	8	26	1.63	19	14	1.4
57063	1600	1720	Gabbro	F.G.	Nil	0.65	6	20	13	39	1.54	122	37	3.3
57064	1400	1970	Gabbroic Anorthosite	C.G.	Nil	0.95	7	17	11	35	1.55	127	10	12.7
57065	1400	1390	Gabbroic Anorthosite	M.G.	Nil	0.13	5	<10	9	14		40	10	4.0
57066	2000	327	Leucogabbro	M.G.	Nil	0.32	5	27	8	40	3.38	26	25	1.0
57067	2000	485	Leucogabbro	M.G.	Nil	0.25	8	54	20	82	2.70	30	18	1.7
57068	2012	620	Leucogabbro	C.G.	Nil	0.3	5	39	15	59	2.60	26	6	4.3
57069	2000	870	Leucogabbro	C.G.	Nil	0.25	5	13	8	26	1.63	183	6	30.5
57070	2005	1655	Gabbro	M.G.	Nil	0.43	6	20	13	39	1.54	131	25	5.2
57071	2202	1924	Leucogabbro	M.G.	Nil		7	17	11	35	1.55	190	9	21.1
57072	2200	1285	Leucogabbro	C.G.	Nil	0.25	5	<10	9	14		29	14	2.1
57073	2208	825	Gabbroic Anorthosite	M.G.	Tr cpy, Tr po		5	27	8	40	3.38	63	13	4.8
57074	2180	250	Leucogabbro	M.G.	Nil	0.27	8	54	20	82	2.70	38	20	1.9
57075	2200	80	Gabbroic Anorthosite	C.G.	Nil	0.16	<1	12	<1	12		12	23	0.5
57138	410	-865	Gabbro	M.G.	Rusty	0.4	4	24	37	65	0.65	46	22	0.5
57139	580	-875	Gabbroic Anorthosite	M.G.	Nil	0.45	1	<10	20	21		32	26	0.8
57140	800	-976	Gabbroic Anorthosite / pyroxenite	C.G.	Rusty	9.5	1	<10	6	7		38	182	4.8
57141	1000	-985	Gabbroic Anorthosite / gneissic	M.G.	Nil	0.21	<1	<10	9	9		26	20	0.8
57142	1003	-912	Leucogabbro	C.G.	Nil	0.21	<1	13	9	22	1.44	6	17	2.8
57143	1600	-765	Gabbroic Anorthosite	C.G.	Nil	0.1	1	<10	56	57		24	12	0.5
57144	1595	-900	gabbro	C.G.	Rusty	0.45	11	10	10	31	1.00	30	17	0.6
57145	1600	-995	Metasediment with granite dykes	C.G.	Nil	0.5	13	174	92	279	1.89	35	16	0.5
57146	1190	-795	Leucogabbro	C.G.	Nil	0.13	4	17	37	58	0.46	21	17	0.8

River Valley Property, South Grid - Sample Descriptions and Assay Data

Sample #	Location		Rock Type	Grain Size	Sulphides	Mag Sus.	Assays			Pt+Pd+Au ppb	Pt/Pd	Cu ppm	Ni ppm	Ni/Cu
	East	North/South					Au ppb	Pt ppb	Pd ppb					
57147	675	-900	Leucogabbro	M.G.	Nil	0.15	4	13	27	44	0.48	38	15	0.4
57148	635	-980	Gabbroic Anorthosite	C.G.	Nil	5	2	<10	16	18		40	190	4.8

Statistical Data	
Average PGM	55 ppb
Standard Deviation	128 ppb
Range	0 to 2073 ppb
Number	448

River Valley Property, South Grid - Whole Rock Data Summary

Sample Ident Analysis Unit Detection Limit	Easting	Northing	Rock Type	SiO2	Al2O3	CaO	MgO	Na2O	K2O	Fe2O3	MnO	TiO2	P2O5	Cr2O3	LOI	Sum	Mg No.	Rb	Sr	Y	Zr	Nb	Ba		
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%		PPM	PPM	PPM	PPM	PPM	PPM
				0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01		2	2	2	2	2	20
56701	-6	425	Anorthosite	49.7	29.30	13.90	0.67	3.10	0.24	1.92	0.03	0.190	0.03	-0.01	0.90	100.1	40.9	6	327	3	16	2	94		
56720	7	469	Leucogabbro	50.2	25.60	12.60	2.76	2.77	0.39	4.75	0.07	0.227	0.03	0.02	0.70	100.2	53.5	6	317	2	18	2	98		
56723	1	675	Anorthosite	50.4	28.00	13.10	0.94	3.15	0.50	2.87	0.04	0.270	0.04	-0.01	0.80	100.1	39.3	9	343	4	24	4	110		
56752	195	-477	Gabbro	51.9	14.00	11.70	11.20	1.62	0.15	8.61	0.17	0.238	0.02	0.09	0.35	100.1	72.0	6	157	6	15	-2	69		
56817	796	203	Anorthosite	47.0	20.90	11.60	3.23	3.07	0.22	12.30	0.11	1.250	0.02	-0.01	0.25	100.1	34.2	4	302	2	13	-2	99		
56857	2580	-177	Gabbro	49.3	4.64	4.85	14.00	0.46	0.26	24.10	0.37	0.664	0.04	0.04	1.00	99.8	53.5	12	61	11	28	-2	76		
56861	2595	-155	Leucogabbro	52.8	5.42	5.76	20.00	0.46	0.11	14.50	0.25	0.208	0.02	0.11	0.80	100.4	73.2	5	52	5	8	-2	54		
56890	3000	105	Gabbroic Anorthosite	49.9	22.20	12.40	5.70	2.29	0.66	5.23	0.08	0.155	0.02	0.04	1.45	100.2	68.3	16	268	-2	12	-2	90		
56903	3352	190	Gabbro	51.5	6.75	8.87	13.40	0.66	0.20	14.70	0.29	0.620	0.03	0.07	1.45	98.6	64.3	8	40	11	23	-2	40		
56913	3765	309	Gabbro	49.4	3.44	3.65	15.70	0.38	0.24	25.60	0.38	0.813	0.12	0.07	-0.15	99.7	54.8	14	34	15	29	-2	70		
56959	3185	832	Leucogabbro	50.6	23.50	12.40	2.77	2.83	0.42	6.02	0.09	0.462	0.05	0.02	1.00	100.2	47.7	8	276	7	33	-2	122		
56998	2400	1360	Leucogabbro	50.3	24.60	12.40	3.27	2.68	0.61	5.04	0.07	0.205	0.03	0.02	0.95	100.2	56.2	10	259	2	16	-2	112		
57001	980	-110	Gabbroic Anorthosite	50.5	26.00	12.40	2.88	3.19	0.46	3.45	0.05	0.130	0.02	-0.01	1.05	100.2	62.3	7	364	2	9	-2	94		
57144	1595	-900	Gabbro	51.1	18.90	1.10	7.78	2.25	0.34	7.19	0.14	0.136	0.01	0.06	1.20	100.2	68.2	6	230	2	7	-2	63		
57417	2805	1068	Diabase Dike	48.4	15.50	9.93	4.40	2.62	0.46	15.80	0.21	2.161	0.21	0.01	0.35	100.1	35.6	7	216	33	137	6	92		
57467			Anorthosite (Blk Granite)	51.3	20.80	12.60	4.46	2.86	0.30	7.10	0.11	0.291	0.02	0.02	0.25	100.2	55.4	4	275	4	16	-2	94		

APPENDIX 2

Assay and Whole Rock Certificates


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

R17040

 Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : River Valley
 Date Soumis/ Submitted : Oct 27, 1999
 Attention : Ken Lapierre

Nov 02, 1999

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB	
56701	2	<10	19	South Grid
56702	2	<10	9	
56703	2	<10	8	
56704	<1	<10	7	
56705	<1	<10	8	
56706	2	<10	10	
56707	1	<10	7	
56708	2	<10	51	
56709	3	<10	43	
56710	1	13	160	
56711	4	<10	73	
56712	6	33	36	
56713	3	<10	7	
56714	2	<10	6	
56715	3	<10	7	
56716	1	<10	6	
56717	3	<10	6	
56718	2	<10	8	
56719	3	<10	12	
56720	3	<10	7	
56721	3	<10	5	
56722	1	<10	3	
56723	<1	<10	4	
56724	1	<10	7	

Certifié 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

R17038

 Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Oct 27, 1999
 Attention : Ken Lapierre

Nov 02, 1999

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB
---------------------------------	-----------	-----------	-----------

56725	5	<10	15
56726	3	<10	2
56727	2	<10	5
56728	3	<10	5
56729	4	<10	2
56730	2	19	16
56731	2	22	57
56732	3	29	16
56733	4	13	7
56734	2	<10	13
56735	2	<10	3
56736	4	13	25
56737	2	<10	5
56738	4	<10	11
56739	3	<10	4
56740	3	<10	5
56741	5	<10	4
56742	2	<10	4
56743	4	<10	5
56744	7	47	97
56745	7	33	17
56746	15	31	72
56747	13	18	12
56748	3	<10	8
56749	4	12	11
56750	1	<10	5
56751	2	<10	3
56752	<1	<10	2
56753	2	<10	18
56754	2	<10	4
56755	5	<10	9
56756	<1	<10	7
56757	<1	<10	5
56758	3	<10	3
56759	9	<10	17
56760	3	<10	6
56761	1	<10	3
56762	<1	<10	3
56763	1	<10	16

South Grid

Certifie 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

R17038

Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Oct 27, 1999
 Attention : Ken Lapierre

Nov 02, 1999

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB
56764	1	11	16
57001	<1	<10	1
57002	2	20	18
57003	4	16	22
57004	20	16	16
57005	1	16	40
57006	<1	<10	34
57007	4	26	21
57008	14	25	25
57009	<1	<10	11
57010	4	14	21
57011	6	14	14
57012	4	<10	7
57013	4	13	13
57014	2	<10	3
57015	6	20	8
57016	4	<10	7
57017	3	<10	5
57018	3	<10	4
57019	2	<10	4
57020	2	13	10
57021	4	24	23
57022	5	66	35
57023	4	14	25
57024	2	12	17
57025	2	11	23
57026	5	19	18
57027	2	10	9
57028	N/S	N/S	N/S

South Gnd



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

R17260

Nom de la Compagnie/Company: Mustang Minerals Corporation
Bon de Commande No/ P.O. No:
Projet/ Project No : RVAL
Date Soumis/ Submitted : Nov 19, 1999
Attention : Ken Lapierre

Nov 30, 1999

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB
---------------------------------	-----------	-----------	-----------

57029	37	23	20
57030	23	16	20
57031	4	14	11
57032	2	12	1
57033	7	23	38
57034	3	<10	2
57035	2	<10	3
57036	<1	<10	<1
57037	<1	<10	8
57038	1	<10	3
57039	<1	<10	11
57040	<1	<10	<1
56765	3	<10	<1
56766	<1	<10	<1
56767	4	52	42
56768	3	<10	19
56769	3	13	123
56770	3	<10	12
56771	8	19	30
56772	6	<10	37
56773	10	29	41
56774	7	<10	11
56775	6	<10	7
56776	5	<10	8
56777	7	142	22
56778	6	<10	15
56779	6	<10	9
56780	9	<10	14
56781	6	<10	36
56782	7	13	10
56783	7	17	22
56784	13	<10	16
56785	5	57	24
56786	5	55	21
56787	5	15	16
56788	3	<10	6
56789	5	<10	4
56790	6	<10	4
56791	8	12	6

South And.

Certifié 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

R17260

 Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Nov 19, 1999
 Attention : Ken Lapierre

Nov 30, 1999

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB
---------------------------------	-----------	-----------	-----------

56792	6	<10	4
56793	11	13	10
56794	5	<10	5
56795	3	<10	3
56796	3	<10	2
56797	4	<10	3
56798	9	<10	4
56799	6	<10	6
56800	4	<10	22
56801	3	<10	4
56802	4	10	7
56803	6	<10	11
56804	3	<10	8
56805	10	<10	13
56806	6	<10	8
56807	6	<10	5
56808	6	<10	10
56809	5	<10	6
56810	5	<10	7
56811	4	<10	7
56812	4	<10	7
56813	3	<10	4
56814	5	26	34
56815	4	<10	5
56816	7	<10	18
56817	4	42	25
56818	11	41	43
56819	9	32	26
56820	4	<10	42
56821	4	52	29
56822	5	10	16
56823	5	45	26
56824	8	<10	25
56825	3	<10	6
56826	4	<10	4
56827	5	16	17
56828	12	<10	7
56829	3	<10	40
56830	3	<10	8

South Grid


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

R17259

 Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Nov 19, 1999
 Attention : Ken Lapierre

Dec 02, 1999

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB
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56831	10	80	12
56832	5	22	20
56833	6	20	10
56834	7	79	73
56835	7	<10	3
56836	5	<10	2
56837	4	22	12
56838	4	21	9
56839	5	<10	2
56840	5	39	28
56841	4	25	16
56842	3	15	8
56843	4	<10	4
56844	9	39	14
56845	5	23	11
56846	5	34	17
56847	5	11	<1
56848	12	47	31
56849	6	11	<1
56850	10	16	21
56851	13	18	5
56852	4	37	12
56853	4	24	9
56854	4	<10	15
56855	9	12	5
56856	5	16	25
56857	26	351	301
56858	91	200	196
56859	42	153	113
56860	13	40	68
56861	13	1020	1040
56862	5	19	31
56863	4	27	11
56864	4	<10	19
56865	3	<10	2
56866	4	<10	6
56867	3	<10	1
56868	2	19	<1
56869	<1	14	<1

South And

Certifié 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
TEL.: (819) 764-9108 FAX: (819) 764-4673

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R17259

Nom de la Compagnie/Company: Mustang Minerals Corporation
Bon de Commande No/ P.O. No:
Projet/ Project No : RVAL
Date Soumis/ Submitted : Nov 19, 1999
Attention : Ken Lapierre

Dec 02, 1999

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB
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56870	<1	<10	5
56871	4	<10	5
56872	4	<10	2
56873	1	<10	4
56874	36	181	145
56875	9	52	28
56876	2	31	1
56877	1	26	<1
56878	7	56	17
56879	3	35	10
56880	<1	<10	8
56881	<1	<10	2
56882	<1	<10	3
56883	1	26	<1
56884	4	11	4
56885	5	12	6
56886	3	12	6
56887	2	10	4
56888	4	<10	6
56889	2	12	<1
56890	2	10	17
56891	3	25	50
57041	6	13	15
57042	19	176	144
57043	32	142	155
57044	20	80	83
57045	9	30	20
57046	5	11	16
57047	12	26	42
57048	6	17	6
57049	5	17	5
57050	5	14	4
57051	11	35	11
57053	5	39	15
57054	5	13	8
57055	6	20	13
57056	7	17	11
57057	5	<10	9
57058	5	27	8

South Creek



LES LABORATOIRES XRAL LABORATORIES

UNE DIVISION DE / A DIVISION OF SGS CANADA INC.
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CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R17259

Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Nov 19, 1999
 Attention : Ken Lapierre

Dec 02, 1999

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB	
57059	8	54	20	South And
57061	4	17	3	
57062	8	44	11	
57063	6	17	3	
57064	8	45	18	
57065	5	15	8	
57066	6	24	8	
57067	4	13	5	
57068	4	21	32	
57069	9	28	14	
57070	8	15	<1	
57071	6	27	9	
57072	4	18	8	
57073	4	22	5	
57074	9	16	3	
57093	4	22	2	North And
57094	4	22	7	↓
57095	3	17	6	
57096	13	21	4	


LES LABORATOIRES XRAL LABORATORIES

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

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R17378

 Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Dec 06, 1999
 Attention : Ken Lapierre

Dec 10, 1999

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB	AG PPM	CU PPM	NI PPM	CO PPM
56907	4	<10	11	South And			
56908	3	10	13	↓			
56909	5	14	33				
56910	5	12	169				
56911	12	13	28				
56912	13	31	42				
56913	37	67	58				
56914	30	72	67				
56915	17	91	51				
56916	4	27	45				
56917	3	17	8				
56918	2	<10	21				
56919	2	<10	7				
56920	2	17	44				
56921	5	16	18				
57091	4	11	45	North And			
57092	2	<10	5	↓			
57097	2	23	11				
57098	11	<10	8				
57099	8	<10	16				
57100	5	<10	6				
57101	4	<10	14				
57102	5	<10	9				
57103	11	39	25				
57118	4	<10	7				
57119	7	15	22				
57120	3	13	67				
57121	3	<10	6				
57122	3	<10	7				
57123	2	30	36				
57124	11	20	40				
57125	1	<10	4				
57126	<1	<10	<1				
57127	3	<10	3				
57128	1	<10	3				
57129	3	<10	3				
57130	4	10	4				
57131	2	29	36				
57132	3	16	18				

Certifie 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
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CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R17378

Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Dec 06, 1999
 Attention : Ken Lapierre

Dec 10, 1999

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB	AG PPM	CU PPM	NI PPM	CO PPM
57133	3	17	38	North Creek			
57134	7	104	45	↓			
57135	2	<10	31	South Creek			
56937	5	28	23	↓			
56938	15	20	32				
56939	2	12	4				
56940	5	15	11				
56941	4	22	14				
56942	3	15	10				
56943	3	<10	2				
56944	3	11	19				
56945	9	10	30				
56946	3	<10	6				
56947	157	<10	7	5.5	24920	142	53
56948	11	<10	2	1.1	392	32	13
56949	8	19	17				
56950	5	<10	4				
56951	16	22	46				
56952	10	13	19				
56953	5	25	36				
56954	3	30	27				
56955	5	13	22				
57076	12	48	52	North Creek			
57077	3	<10	6	↓			
57078	9	28	23				
57079	6	<10	6				
57080	6	<10	8				
57081	3	14	40				
57082	3	<10	41				
57083	7	14	22				
57084	4	<10	7				
57085	6	15	13				
57086	3	<10	12				
57087	3	<10	7				
57088	4	<10	5				
57089	11	15	22				
57090	17	75	48				
57104	3	<10	10				
57105	6	13	12				



LES LABORATOIRES XRAL LABORATORIES

UNE DIVISION DE / A DIVISION OF SGS CANADA INC.
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TÉL.: (819) 764-9108 FAX: (819) 764-4673

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R17378

Nom de la Compagnie/Company: Mustang Minerals Corporation
Bon de Commande No/ P.O. No:
Projet/ Project No : RVAL
Date Soumis/ Submitted : Dec 06, 1999
Attention : Ken Lapierre

Dec 10, 1999

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB	AG PPM	CU PPM	NI PPM	CO PPM
57106	4	<10	21	North Canal			
57107	3	12	9				
57108	7	26	45				
57109	8	22	37				
57110	3	12	7				
57111	4	<10	22				
57112	16	15	17				
57113	4	16	3				
57114	6	13	12				
57115	6	<10	20				
57116	4	10	24				
57117	5	16	18				
56922	6	54	47	South Canal			
56923	9	36	30	↓			
56924	4	18	56				
56925	2	15	7				
56926	4	<10	4				
56927	2	23	29				
56928	49	48	25				
56929	4	12	5				
56930	10	77	35				
56931	4	28	38				
56932	2	16	4				
56933	2	<10	8				
56934	4	15	9				
56935	3	22	37				
56936	3	<10	8				
56892	8	20	20				
56893	3	<10	4				
56894	4	<10	5				
56895	5	10	8				
56896	5	14	8				
56897	3	<10	4				
56898	4	16	15				
56899	3	<10	15				
56900	228	40	58				
56901	4	17	14				
56902	41	100	105				
56903	247	466	392				


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

R17378

Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Dec 06, 1999
 Attention : Ken Lapierre

Dec 10, 1999

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB	AG PPM	CU PPM	NI PPM	CO PPM
56904	21	29	26	<i>South End</i>			
56905	13	62	63				
56906	8	71	66				


LES LABORATOIRES XRAL LABORATORIES

 UNE DIVISION DE / A DIVISION OF SGS CANADA INC.
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CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R17377

 Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
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 Attention : Ken Lapierre

Dec 10, 1999

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB	
57136	1	<10	9	North Area
57137	3	12	4	↓
57138	4	24	37	South Area
57139	1	<10	20	
57140	1	<10	6	↓
57141	<1	<10	9	
57142	<1	13	9	
57143	1	<10	56	
57144	11	10	10	
57145	13	174	92	
57146	4	17	37	
57147	4	13	27	
57148	2	<10	16	
56976	3	<10	21	
56977	13	15	5	
56978	<1	24	17	
56979	<1	<10	1	
56980	<1	<10	9	
56981	<1	21	11	
56982	<1	32	14	
56983	3	<10	5	
56984	11	11	11	
56985	2	21	20	
56986	<1	42	32	
56987	4	17	18	
56988	<1	<10	1	
56989	1	<10	97	
56990	1	29	32	
56956	<1	18	36	
56957	17	26	28	
56958	<1	23	19	
56959	<1	23	23	
56960	<1	<10	10	
56961	2	38	39	
56962	<1	14	16	
56963	<1	22	26	
56964	5	<10	30	
56965	N/S	N/S	N/S	
56966	<1	35	37	

Certifié 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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CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R17377

 Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Dec 06, 1999
 Attention : Ken Lapierre

Dec 10, 1999

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB
---------------------------------	-----------	-----------	-----------

56967	<1	<10	2	<i>South Creek</i>
56968	1	39	56	
56969	12	72	121	
56970	8	59	118	
56971	4	29	46	
56972	2	29	46	
56973	2	44	52	
56974	2	24	16	
56975	1	<10	12	
56991	1	<10	1	
56992	<1	<10	6	
56993	<1	11	23	
56994	1	<10	26	
56995	<1	16	23	
56996	<1	28	28	
56997	5	10	7	
56998	<1	13	13	
56999	<1	13	12	
57000	11	45	64	
57401	4	50	55	
57402	7	11	9	
57403	3	65	86	
57404	<1	18	5	
57405	2	162	107	
57406	2	11	11	
57407	3	70	65	
57408	1	28	23	
57409	<1	34	23	
57410	<1	17	3	
57075	<1	12	<1	



LES LABORATOIRES XRAL LABORATORIES

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TÉL.: (819) 764-9108 FAX: (819) 764-4673

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R17452

Nom de la Compagnie/Company: Mustang Minerals Corporation
Bon de Commande No/ P.O. No:
Projet/ Project No : RVAL
Date Soumis/ Submitted : Dec 10, 1999
Attention : Ken Lapierre

Dec 15, 1999

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB
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57149	6	<10	5	North Grid
57150	1	13	9	↓
57151	<1	<10	3	
57152	3	<10	10	
57153	<1	<10	<1	
57154	1	<10	<1	
57155	<1	<10	20	
57156	4	11	10	
57157	58	535	1910	
57158	3	20	32	
57159	2	<10	<1	
57160	46	11	<1	
57161	<1	<10	<1	
57162	<1	11	7	
57163	71	170	177	
57164	4	46	44	
57165	3	65	24	
57166	1	<10	15	
57167	2	58	25	
57168	2	18	7	
57169	2	20	13	
57411	<1	13	11	South Grid
57412	3	13	25	↓
57413	<1	20	11	
57414	2	<10	2	
57415	4	<10	97	
57416	7	<10	21	
57417	8	<10	30	
57418	2	<10	25	
57419	8	14	1	
57420	1	<10	8	
57421	3	39	22	
57422	4	13	15	
57423	4	<10	8	
57424	3	<10	9	
57425	2	<10	6	
57426	7	<10	17	
57427	7	<10	1	
57428	3	<10	7	

Certifie 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
 TEL.: (819) 764-9108 FAX: (819) 764-4673

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R17452

Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Dec 10, 1999
 Attention : Ken Lapierre

Dec 15, 1999

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB	
57429	4	15	10	South Creek
57430	3	<10	4	↓
57431	13	<10	9	
57432	5	13	15	
57433	21	32	22	
57434	82	<10	2	
57435	7	<10	<1	
57436	2	<10	5	
57437	6	14	24	
57438	9	16	23	
57439	14	<10	15	
57440	10	14	12	
57441	5	56	31	
57442	15	20	23	
57443	5	26	18	
57444	6	<10	6	
57445	11	<10	7	
57446	4	22	11	
57447	4	<10	5	
57448	3	<10	4	
57449	5	21	10	
57450	3	19	15	
57451	4	13	16	
57452	3	<10	12	
57453	6	40	35	
57454	3	12	12	
57455	5	37	37	
57456	10	23	22	
57457	3	14	11	
57458	2	<10	4	
57459	39	10	25	
57460	503	19	107	
57461	7	10	5	
57462	13	16	25	
57463	8	95	83	
57464	71	15	7	
57465	42	21	53	


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

R17577

Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Jan 06, 2000
 Attention : Ken Lapierre

Jan 11, 2000

No. D'Echantillon Sample No.	AU PPB	PT PPB	PD PPB	
57466	65	60	80	<i>South Area</i>
57467	12	27	59	

Certifie 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
 TEL.: (819) 764-9108 FAX: (819) 764-4673

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R17040A

Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Jan 20, 2000
 Attention : Ken Lapierre

Jan 24, 2000

No. D'Echantillon Sample No.	CU PPM	NI PPM
---------------------------------	-----------	-----------

56701	113	21
56702	6	42
56703	14	16
56704	63	15
56705	18	14
56706	6	14
56707	27	17
56708	14	22
56709	206	30
56710	14	13
56711	45	15
56712	125	16
56713	51	25
56714	15	20
56715	48	31
56716	48	22
56717	63	22
56718	37	14
56719	17	19
56720	54	30
56721	34	36
56722	26	23
56723	50	17
56724	5	19

South Grid

Certifie par / Certified by:



[Signature]
 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

R17038A

Nom de la Compagnie/Company: Mustang Minerals Corporation
Bon de Commande No/ P.O. No:
Projet/ Project No : RVAL
Date Soumis/ Submitted : Jan 20, 2000
Attention : Ken Lapierre

Jan 26, 2000

No. D'Echantillon Sample No.	CU PPM	NI PPM
---------------------------------	-----------	-----------

56725	48	10
56726	55	15
56727	12	10
56728	18	13
56729	10	18
56730	102	15
56731	592	28
56732	26	16
56733	147	17
56734	58	11
56735	25	11
56736	18	14
56737	38	12
56738	20	11
56739	24	18
56740	35	23
56741	18	12
56742	135	35
56743	19	15
56744	14	13
56745	30	22
56746	1320	193
56747	24	17
56748	53	22
56749	6	16
56750	27	16
56751	28	19
56752	26	18
56753	56	22
56754	75	52
56755	50	136
56756	29	28
56757	43	23
56758	8	16
56759	47	21
56760	33	15
56761	37	20
56762	22	30
56763	28	126

South Grid

Certifié 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 AV. MARCEL BARIL • ROUYN-NORANDA • QUÉBEC J9X 7B9
 TÉL.: (819) 764-9108 FAX: (819) 764-4673

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R17038A

Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Jan 20, 2000
 Attention : Ken Lapierre

Jan 26, 2000

No. D'Echantillon Sample No.	CU PPM	NI PPM
---------------------------------	-----------	-----------

56764	33	160
57001	13	18
57002	158	16
57003	34	20
57004	306	14
57005	17	29
57006	18	31
57007	46	15
57008	111	50
57009	32	24
57010	50	22
57011	32	15
57012	26	22
57013	46	160
57014	11	18
57015	152	38
57016	26	25
57017	25	22
57018	16	21
57019	32	18
57020	33	15
57021	37	16
57022	11	10
57023	9	17
57024	5	9
57025	21	18
57026	42	85
57027	29	22
57028	N/S	N/S

South Grid

XRAL**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

R17260A

Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Jan 20, 2000
 Attention : Ken Lapierre

Jan 28, 2000

No. D'Echantillon Sample No.	CU PPM	NI PPM
---------------------------------	-----------	-----------

57029	67	14
57030	115	40
57031	61	30
57032	44	20
57033	39	157
57034	25	24
57035	32	31
57036	14	16
57037	8	80
57038	14	15
57039	14	20
57040	6	19
56765	14	10
56766	12	16
56767	23	14
56768	18	17
56769	25	17
56770	23	14
56771	24	16
56772	10	16
56773	43	56
56774	18	19
56775	27	16
56776	17	58
56777	9	18
56778	9	16
56779	5	14
56780	8	15
56781	16	22
56782	118	20
56783	21	23
56784	11	21
56785	18	24
56786	14	24
56787	62	18
56788	18	19
56789	26	35
56790	39	22
56791	19	20

South Creek

Certifié par / Certified by :



[Signature]
 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

R17260A

 Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Jan 20, 2000
 Attention : Ken Lapierre

Jan 28, 2000

No. D'Echantillon Sample No.	CU PPM	NI PPM
---------------------------------	-----------	-----------

56792	34	21
56793	15	22
56794	22	24
56795	21	20
56796	25	22
56797	27	16
56798	14	16
56799	43	17
56800	40	333
56801	40	28
56802	34	24
56803	34	26
56804	29	30
56805	47	20
56806	40	21
56807	30	20
56808	45	18
56809	31	26
56810	33	21
56811	54	23
56812	33	18
56813	7	13
56814	7	11
56815	65	13
56816	10	13
56817	14	32
56818	16	27
56819	14	26
56820	11	16
56821	13	17
56822	48	21
56823	10	23
56824	27	15
56825	14	13
56826	18	10
56827	15	12
56828	9	12
56829	10	15
56830	19	12

South Grid



LES LABORATOIRES XRAL LABORATORIES

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129 AVE. MARCEL BARIL • ROUYN-NORANDA • QUÉBEC J9X 7B9
TÉL.: (819) 764-9108 FAX: (819) 764-4673

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R17259A

Nom de la Compagnie/Company: Mustang Minerals Corporation
Bon de Commande No/ P.O. No:
Projet/ Project No : RVAL
Date Soumis/ Submitted : Jan 20, 2000
Attention : Ken Lapierre

Jan 27, 2000

No. D'Echantillon Sample No.	CU PPM	NI PPM
---------------------------------	-----------	-----------

56831	148	49
56832	54	19
56833	68	20
56834	59	20
56835	144	49
56836	63	29
56837	88	54
56838	10	23
56839	11	24
56840	33	17
56841	43	22
56842	23	17
56843	86	33
56844	21	15
56845	87	30
56846	46	24
56847	81	26
56848	117	40
56849	138	33
56850	196	33
56851	103	17
56852	22	12
56853	29	27
56854	5	31
56855	12	27
56856	23	42
56857	616	166
56858	844	289
56859	552	163
56860	916	556
56861	98	71
56862	19	247
56863	15	28
56864	16	36
56865	16	22
56866	13	18
56867	13	17
56868	27	20
56869	20	15

South Grid

Certifié par / Certified by :



Ken Lapierre
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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CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R17259A

Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bcn de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Jan 20, 2000
 Attention : Ken Lapierre

Jan 27, 2000

No. D'Echantillon Sample No.	CU PPM	NI PPM
---------------------------------	-----------	-----------

56870	31	18	<i>South Grid</i>
56871	47	25	
56872	60	27	
56873	62	25	
56874	377	147	
56375	158	39	
56876	15	182	
56877	16	47	
56878	453	182	
56879	174	100	
56880	10	22	
56881	60	29	
56882	13	21	
56883	32	16	
56384	57	15	
56885	34	19	
56886	29	13	
56387	27	43	
56388	28	15	
56389	22	16	
56390	18	26	
56391	11	13	
57041	18	20	
57042	1072	236	
57043	706	110	
57044	225	45	
57045	49	13	
57046	56	12	
57047	30	18	
57048	29	16	
57049	7	20	
57050	8	15	
57051	21	14	
57053	18	11	
57054	41	19	
57055	43	21	
57056	32	12	
57057	12	139	
57058	19	19	


LES LABORATOIRES XRAL LABORATORIES

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 Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Jan 20, 2000
 Attention : Ken Lapierre

Jan 27, 2000

Nc. D'Echantillon Sample No.	CU PPM	NI PPM
---------------------------------	-----------	-----------

57059	41	13
57061	6	11
57062	19	14
57063	122	37
57064	127	10
57065	40	10
57066	26	25
57067	30	18
57068	26	6
57069	183	6
57070	131	25
57071	190	9
57072	29	14
57073	63	13
57074	38	20
57093	38	30
57094	30	27
57095	39	94
57096	67	18

South Grid

↓

North Grid

↓


LES LABORATOIRES XRAL LABORATORIES

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

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R17378A

 Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Jan 20, 2000
 Attention : Ken Lapierre

Jan 24, 2000

No. D'Echantillon Sample No.	CU PPM	NI PPM
---------------------------------	-----------	-----------

56907	48	17
56908	19	14
56909	15	16
56910	20	21
56911	33	27
56912	616	134
56913	1354	242
56914	1074	177
56915	706	160
56916	72	38
56917	62	25
56918	23	10
56919	44	16
56920	14	28
56921	29	13
57091	37	34
57092	21	52
57097	42	21
57098	49	41
57099	47	160
57100	24	35
57101	16	20
57102	53	98
57103	65	21
57118	8	19
57119	13	16
57120	13	20
57121	29	786
57122	45	736
57123	50	24
57124	115	50
57125	26	20
57126	8	15
57127	48	190
57128	5	15
57129	70	126
57130	31	36
57131	31	30
57132	48	31

South Grid



North Grid



Certifie 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

R17378A

 Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Jan 20, 2000
 Attention : Ken Lapierre

Jan 24, 2000

No. D'Echantillon Sample No.	CU PPM	NI PPM
---------------------------------	-----------	-----------

57133	12	21
57134	36	255
57135	30	30
56937	4	13
56938	48	13
56939	6	15
56940	45	14
56941	52	16
56942	31	14
56943	7	18
56944	10	12
56945	212	30
56946	26	18
56947	-	-
56948	-	-
56949	168	9
56950	30	6
56951	84	9
56952	70	10
56953	77	11
56954	87	16
56955	26	20
57076	37	216
57077	13	6
57078	103	29
57079	54	22
57080	12	13
57081	27	19
57082	18	16
57083	171	36
57084	61	22
57085	41	50
57086	45	13
57087	32	52
57088	22	16
57089	38	38
57090	321	136
57104	9	13
57105	2	10

North Grid



South Grid



North Grid




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

R17378A

 Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Jan 20, 2000
 Attention : Ken Lapierre

Jan 24, 2000

No. D'Echantillon Sample No.	CU PPM	NI PPM
---------------------------------	-----------	-----------

57106	48	24
57107	33	52
57108	33	62
57109	73	410
57110	21	19
57111	30	22
57112	71	17
57113	3	15
57114	76	80
57115	54	112
57116	48	23
57117	22	11
56922	45	8
56923	12	10
56924	10	7
56925	63	15
56926	31	18
56927	38	17
56928	248	23
56929	80	26
56930	21	20
56931	27	11
56932	8	15
56933	28	15
56934	12	17
56935	4	33
56936	57	17
56892	32	32
56893	25	22
56894	14	22
56895	14	14
56896	40	26
56897	10	13
56898	9	18
56899	21	11
56900	90	22
56901	4788	158
56902	552	80
56903	400	28

North End



South End




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Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Jan 20, 2000
 Attention : Ken Lapierre

Jan 24, 2000

No. D'Echantillon Sample No.	CU PPM	NI PPM
---------------------------------	-----------	-----------

56904	910	191
56905	1256	272
56906	416	93

South And



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

R17377A

Nom de la Compagnie/Company: Mustang Minerals Corporation
Bon de Commande No/ P.O. No:
Projet/ Project No : RVAL
Date Soumis/ Submitted : Jan 20, 2000
Attention : Ken Lapierre

Jan 25, 2000

No. D'Echantillon Sample No.	CU PPM	NI PPM
---------------------------------	-----------	-----------

57136	50	69
57137	19	33
57138	46	22
57139	32	26
57140	38	182
57141	26	20
57142	6	17
57143	24	12
57144	30	17
57145	35	16
57146	21	17
57147	38	15
57148	40	190
56976	64	29
56977	55	16
56978	50	23
56979	81	14
56980	49	12
56981	20	15
56982	25	18
56983	81	19
56984	87	30
56985	86	26
56986	41	18
56987	77	16
56988	77	18
56989	7	14
56990	52	17
56956	3	88
56957	374	20
56958	69	19
56959	76	16
56960	80	16
56961	102	19
56962	53	17
56963	70	18
56964	330	18
56965	N/S	N/S
56966	38	15

North Grid
↓
South Grid
↓

Certifie 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
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CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R17377A

Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Jan 20, 2000
 Attention : Ken Lapierre

Jan 25, 2000

No. D'Echantillon Sample No.	CU PPM	NI PPM
---------------------------------	-----------	-----------

56967	169	16
56968	94	18
56969	358	26
56970	382	26
56971	127	34
56972	58	16
56973	98	18
56974	74	17
56975	79	41
56991	17	18
56992	6	20
56993	26	18
56994	20	14
56995	12	19
56996	46	20
56997	88	18
56998	22	18
56999	48	33
57000	804	18
57401	46	32
57402	80	46
57403	110	23
57404	98	18
57405	45	16
57406	68	38
57407	55	28
57408	44	18
57409	17	24
57410	33	15
57075	12	23

South Grid


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

R17452A

 Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Jan 20, 2000
 Attention : Ken Lapierre

Jan 25, 2000

No. D'Echantillon Sample No.	CU PPM	NI PPM
---------------------------------	-----------	-----------

57149	40	46
57150	18	23
57151	26	47
57152	141	79
57153	35	49
57154	28	52
57155	9	24
57156	35	21
57157	66	55
57158	95	140
57159	37	30
57160	46	15
57161	58	135
57162	79	52
57163	1090	200
57164	44	24
57165	16	22
57166	14	21
57167	52	26
57168	28	444
57169	40	25
57411	9	22
57412	592	22
57413	17	17
57414	5	12
57415	19	12
57416	177	42
57417	277	23
57418	11	11
57419	109	31
57420	90	20
57421	28	30
57422	51	37
57423	31	22
57424	63	16
57425	39	10
57426	113	42
57427	38	15
57428	49	13

North Grid



South Grid



Certifié 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

R17452A

Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Jan 20, 2000
 Attention : Ken Lapierre

Jan 25, 2000

No. D'Echantillon Sample No.	CU PPM	NI PPM
---------------------------------	-----------	-----------

57429	60	14	<i>South Grid</i>
57430	48	10	
57431	250	13	
57432	114	14	
57433	463	10	
57434	1316	11	
57435	96	20	
57436	63	22	
57437	128	35	
57438	167	25	
57439	228	35	
57440	144	17	
57441	17	15	
57442	73	15	
57443	40	13	
57444	46	13	
57445	134	18	
57446	45	17	
57447	66	16	
57448	29	13	
57449	67	14	
57450	58	14	
57451	50	15	
57452	50	12	
57453	66	18	
57454	86	15	
57455	52	13	
57456	66	15	
57457	21	11	
57458	18	13	
57459	960	22	
57460	5620	50	
57461	50	14	
57462	103	16	
57463	202	13	
57464	3460	19	
57465	1858	13	



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

R17577A

Nom de la Compagnie/Company: Mustang Minerals Corporation
 Bon de Commande No/ P.O. No:
 Projet/ Project No : RVAL
 Date Soumis/ Submitted : Jan 20, 2000
 Attention : Ken Lapierre

Jan 24, 2000

No. D'Echantillon Sample No.	CU PPM	NI PPM
---------------------------------	-----------	-----------

57466	2600	94
57467	113	37

South And

Certifie par / Certified by :



Ken Lapierre
 Membre du Groupe SGS (Société Générale de Surveillance)

APPENDIX 3

Quantec Physical Property Data

Samples submitted for physical property measurements:

DSZ	Dana South Zone, PFN (9898ppb PGM)
T-1	Trench Zone, PFN (1463ppb PGM)
7761	Tomrose Occurrence (0.3g/t PGM)
56864	Leucogabbro, med.-grained, no visible sulphides/rust (23ppb PGM)
56875	Gabbro, med.-grained, no visible sulphides/rust (89ppb PGM)
56913	Gabbro, med.-grained, 3-5% cpy, po, 1% mt (162ppb PGM)
57467	Black anorthosite (Dana Twp.), coarse-grained, tr. Sulphide (98ppb PGM)
57468	Gabbroic anorthosite, medium- to coarse-grained, 2-3% mt.



Quantec

GEOPHYSICS WORLDWIDE

PHYSICAL PROPERTY TEST MEASUREMENTS FOR GEODIGITAL MAPPING SYSTEMS INC.

ROCK SAMPLES FROM RIVER VALLEY PROPERTY

No	Sample mark	Mag. Susceptibility X10 ⁶ SI Units	Density Kg/m ³	Resistivity Ohm.m	IP Chargeability (mV/V)										
					M _{Total}	M ₁	M ₂	M ₃	M ₄	M ₅	M ₆	M ₇	M ₈	M ₉	M ₁₀
1	DSZ	130 - 140	2,990	8,140	17.5	37.05	34.18	31.87	29.94	26.01	21.54	18.52	15.43	12.62	10.70
2	T-1	120 - 750	2,880	9,130	8.42	19.52	17.81	16.45	15.32	13.07	10.55	8.88	7.22	5.74	4.75
3	7761	5,700 - 12,700	3,310	4,060	31.36	69.4	63.92	59.46	55.73	48.08	39.30	33.35	27.27	21.78	18.04
4	56864	< 100	2,860	4,040	2.56	6.44	5.80	5.30	4.89	4.09	3.21	2.66	2.14	1.68	1.37
5	56875	< 100	2,970	2,130	4.86	11.6	10.60	9.75	9.05	7.66	6.12	5.12	4.12	3.25	2.67
6	56913	2,260 - 4,650	3,310	6,220	21.74	46.69	43.16	40.27	37.83	32.82	27.08	23.17	19.08	15.39	12.87
7	57467	630 - 6,280	2,870	6,180	1.82	4.46	4.04	3.70	3.43	2.89	2.30	1.92	1.54	1.21	1.00
8	57468	2,510 - 16,300	3,020	7,740	42.05	86.67	80.94	76.21	72.17	63.53	52.47	44.54	36.93	30.14	25.49

JANUARY 5, 2000

Prof.Dr. PERPARIM ALIKAJ



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) WCC70.00049 Assessment Files Research Imaging



41I09SE2003 2.20091 CRERAR

900

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

South
Cord

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

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

Name Mustang Minerals Corp Client Number 303851 Address PO Box 1433 Timmins Ont Telephone Number 705 267 7389 Fax Number 705 267 7389

RECORDED FEB 24 2000

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 Office Use Commodity Total \$ Value of Work Claimed 63,337 NTS Reference Mining Division Sudbury 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.

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

Name Geodigital Mappings Systems Inc. (P. Wood) Telephone Number 705 267-7128 Address PO Box 983, Timmins, On P4N 2H6 Fax Number 705 267-2267

RECEIVED FEB 28 2000 8:30 GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

I, Ken Lapierre (Print Name), do hereby certify that I have personal knowledge of the facts set forth in 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 Ken Lapierre Date Feb 24/00 Agent's Address PO Box 1433 Timmins On P4N 2W2 Telephone Number 705 267 7389 Fax Number 705 267-7389

0241 (03/97)

2.20091

982

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

Final Revises

W0070.00049

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 19 7027	16 ha	\$28,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	1,000	\$4,000	0	\$4,000
1 1229526	16	7,000	-	-	10,000 4,000 KC
2 1214771	12	7,000	-	-	4,000 6,665 KC
3 1231119	4	9,000	-	4,000	4,000 4,000 KC
4 1229527	8	8,000	-	8,000	
5 1214772	4	3,000	-	3,000	
6 1214610	4	3,000	-	3,000	
7 1231253	4	3,000	-	3,000	
8 1230534	14	8,000	-	8,000	
9 1214773	6	4,000	1,000		3,000
10 1214609	4	4,000	-	4,000	
11 1229523	4	4,000	-	4,000	
12 1231118	2	2,000	-	2,000	
13 1231262	10	3337	-	3337	
14 1231263	16	-	6400		
15 1231264	16	-	6400		
Sub Column Totals		63,337		43,972	14,365 23,165

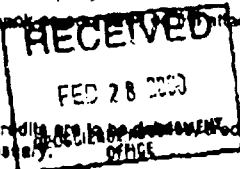
I, Ken Cooper, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/98 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Record Holder or Agent Authorized in Writing Date OVER

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

9.2000

** TOTAL PAGE 03 **

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

MAR 03 '00 09:11 FR GEOSCIENCE ASSESSMENT WORK TO BE RECORDED AND DISTRIBUTED... land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

Revised

W0070.00049

Table with 7 columns: Mining Claim Number, Number of Claim Units, Value of work performed on this claim, 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. Includes handwritten entries for claims 1-15 and a 'Column Totals' row.

I, Ken Lapointe, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 8/98 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Record Holder or Agent Authorized in Writing: [Signature] Date: Feb 24/00

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

Form with fields: Received Stamp, Dated Approved Date, Date Notification Sent, Total Value of Credit Approved, Recording by Mining Recorder (Signature). Includes a 'RECEIVED' stamp.

7 20001

Form with fields: Approved, Total Value of Credit Approved, Recording by Mining Recorder (Signature). Includes a 'GEO SCIENCE ASSESSMENT OFFICE' stamp.

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 8th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
Geology	geologists 63 day total	300	18,900.00
	Assistant 29.25 days	150	4,387.50
Geology/Supervision	20 days		7,000.00
Report			3,000.00
Map Making			4,202.92
Assays	452 Au/Ag/As @ 452 Cu/V @	10.70 2.00	4,836.40 967.28
Whole Rock Physical Property	8 samples	26.75 80.25	428.00 642.00
Associated Costs (e.g. supplies, mobilization and demobilization).			
	sample transportation		318.77
	phone		248.69
	photocopies		220.36
	fuel supplies & Mobil's Communication System, measuring tape, hammer, GPS(L), bag, safety gear, camp gear, etc		3264.62
Transportation Costs			
	fuel		960.21
	truck rental (2)		2592.22
	ATV rental		1500.00
	truck mileage 78317	130/km	2349.51
Food and Lodging Costs			
			2,518.18
Total Value of Assessment Work			63337.31

Calculations of Filing Discounts:

Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK \times 0.50 = Total \$ value of worked claimed.

Work older than 5 years is not eligible for credit. The recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Verification of costs:

Kent Grew
I hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work performed as *Exploration* I am authorized to make this certification.
RECEIVED
Feb 20 2009
GEOSCIENCE ASSESSMENT OFFICE
Signature: *Kent Grew* Date: *Feb 24/09*

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	<i>Kent Grew</i>	Date	<i>Feb 24/09</i>
Agent's Address	<i>PO Box 1433 Timmins On 240 W2</i>	Telephone Number	<i>705 267 7389</i>
		Fax Number	<i>705 267-7389</i>

20091

982

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

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

August 31, 2000

Ken Lapierre
MUSTANG MINERALS CORP.
1351 E. KELLY LAKE RD. UNIT 8
SUDBURY, ONTARIO
P3E-5P5

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

Dear Sir or Madam:

Submission Number: 2.20091

Status

Subject: Transaction Number(s): W0070.00049 Approval After Notice

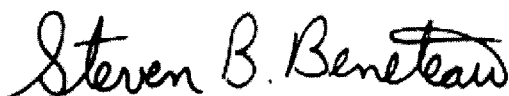
We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

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 JIM MCAULEY by e-mail at james.mcauley@ndm.gov.on.ca or by telephone at (705) 670-5880.

Yours sincerely,



ORIGINAL SIGNED BY
Steve B. Beneteau
Acting Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.20091

Date Correspondence Sent: August 31, 2000

Assessor: JIM MCAULEY

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W0070.00049	1229526	CRERAR	Approval After Notice	August 27, 2000

Section:

12 Geological GEOL

The 45 days outlined in the Notice dated July 13, 2000 have passed and no new information has been provided.

Assessment work credit has been approved as outlined on the attached Distribution of Assessment Work Credit sheet.

The assessment credit is being reduced by \$6,975. The TOTAL VALUE of assessment credit that will be allowed, based on the information provided in this submission, is \$56,362.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

Correspondence to:

Resident Geologist
Sudbury, ON

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

Ken Lapierre
MUSTANG MINERALS CORP.
SUDBURY, ONTARIO

Assessment Files Library
Sudbury, ON

Distribution of Assessment Work Credit

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

Date: August 31, 2000

Submission Number: 2.20091

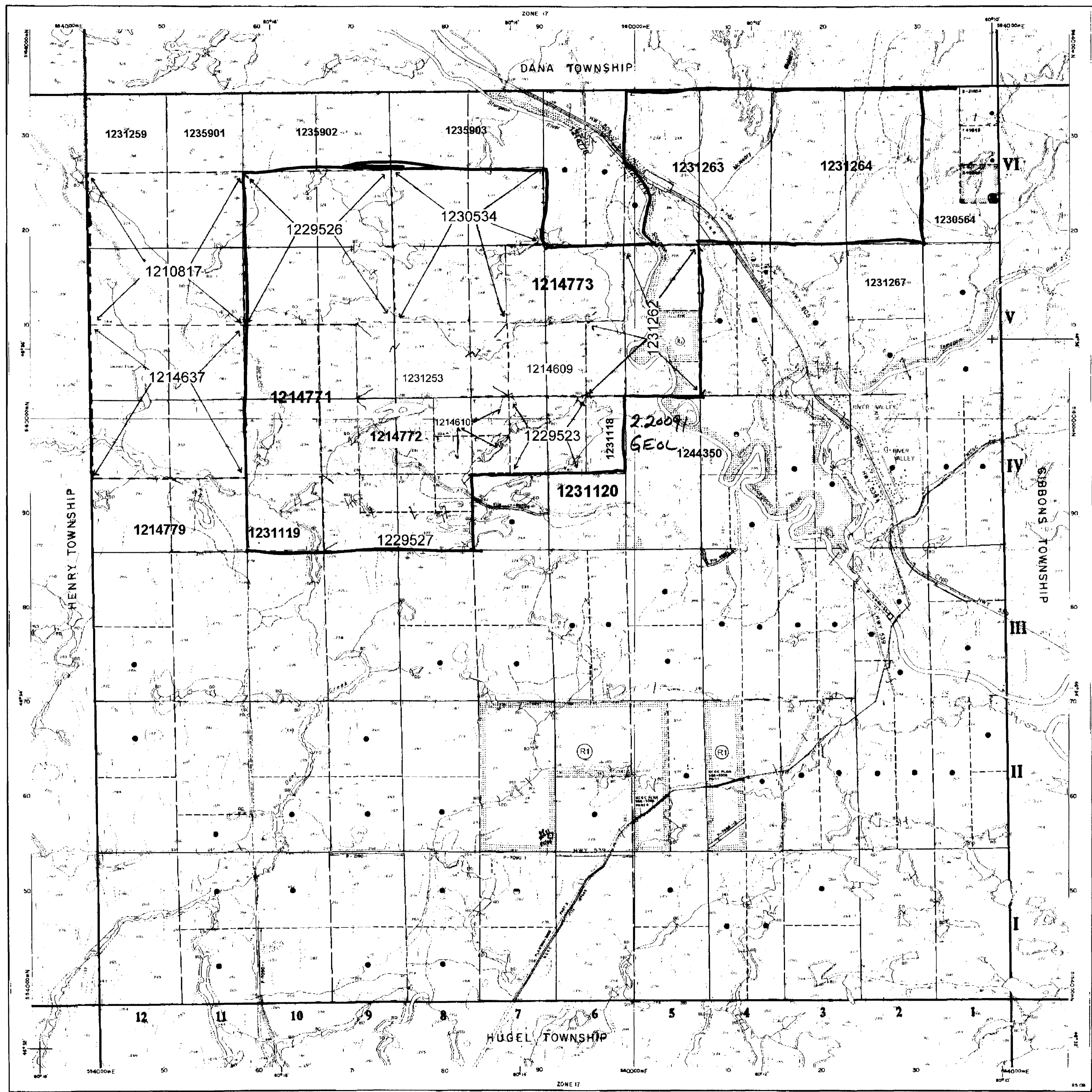
Transaction Number: W0070.00049

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1229526	8,899.00
1214771	6,229.00
1231119	3,559.00
1229527	7,119.00
1214772	2,670.00
1214610	2,670.00
1231253	2,670.00
1230534	7,119.00
1214773	3,559.00
1214609	3,559.00
1229523	3,559.00
1231118	1,780.00
1231262	2,970.00
Total: \$	56,362.00

C-5301

CERBAR IWB

C-5303

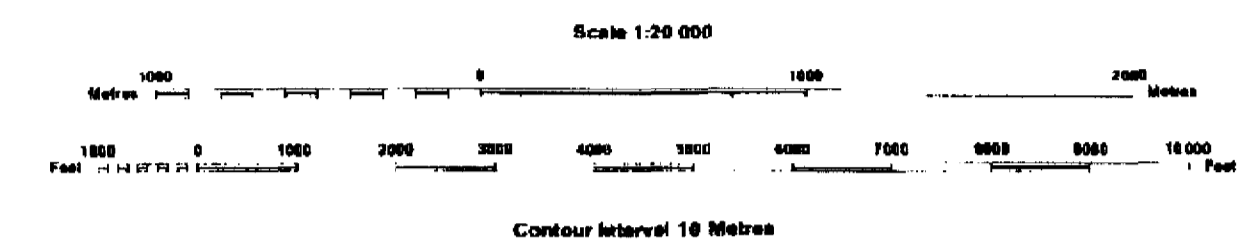


January 1986

INDEX TO LAND DISPOSITION

PLAN
 G-2903
 TOWNSHIP
 CRERAR

M.N.R. ADMINISTRATIVE DISTRICT
 NORTH BAY
 MINING DIVISION
 SUDBURY
 LAND TITLES/REGISTRY DIVISION
 NIPISSING



AREAS WITHDRAWN FROM DISPOSITION
 M.R.O. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
(R1) Harvestation	3/13/86	S.R.		160707 Vol 2
(R4) SEC 3680	W.891	8/12/81	S.R.	160707

Part of order W 8184 STOPPED by order
 O.R. 01/80 N.E.R. effective April 28/80 at 7:00 AM E.S.T.

SYMBOLS

Boundary	.....
Township, Meridian, Baseline	.....
Road allowance: surveyed	.....
shoreline	.....
Lot/Concession: surveyed	.....
unsurveyed	.....
Parcel: surveyed	.....
unsurveyed	.....
Right-of-way: road	.....
railway	.....
utility	.....
Reservation	.....
Cliff, Pit, Pile	.....
Contour	.....
Interpolated	.....
Approximate	.....
Depression	.....
Control point (horizontal)	.....
Flooded land	.....
Mine head frame	.....
Pipeline (above ground)	.....
Railway: single track	.....
double track	.....
abandoned	.....
Road: highway, county, township	.....
access	.....
trail, bush	.....
Showline (original)	.....
Transmission line	.....
Wooded area	.....

DISPOSITION OF CROWN LANDS

Parent	.....
Surface & Mining Rights	.....
Surface Rights Only	.....
Mining Rights Only	.....
Lease	.....
Surface & Mining Rights	.....
Surface Rights Only	.....
Mining Rights Only	.....
Licence of Occupation	.....
Order-in-Council	.....
Cancelled	.....
Reservation	.....
Sand & Gravel	.....
LAND USE PERMIT	.....

JUNE 1ST. OPENINGS
 ONTARIO GAZETTE VOL122-18
 MAY 6, 1989

W 1/2 OF N 1/2 LOT 7 CON.4
 NW 1/4 OF N 1/2 LOT 8 CON.4
 S 1/2 OF N 1/2 LOT 8 CON.4
 N 1/2 OF S 1/2 LOT 8 CON.4
 SW 1/4 OF S 1/2 LOT 8 CON.4
 SE 1/4 OF N 1/2 LOT 8 CON.4
 E 1/2 OF S 1/2 LOT 8 CON.4

JUNE 1, 1986 OPENINGS
 T 49848

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDS DIVISION OF THE MINISTRY OF NORTHERN DEVELOPMENT AND MINES FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON

Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources.

The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.





LEGEND

11	Diabase	5	Gabbro
10	Granite	4	Gabbroanorite
9	Diorite	3	Norite
8	Anorthosite	2	Pyroxenite
7	Gabbroic Anorthosite	1	Metasedimentary Gneiss
6	Leucogabbro		

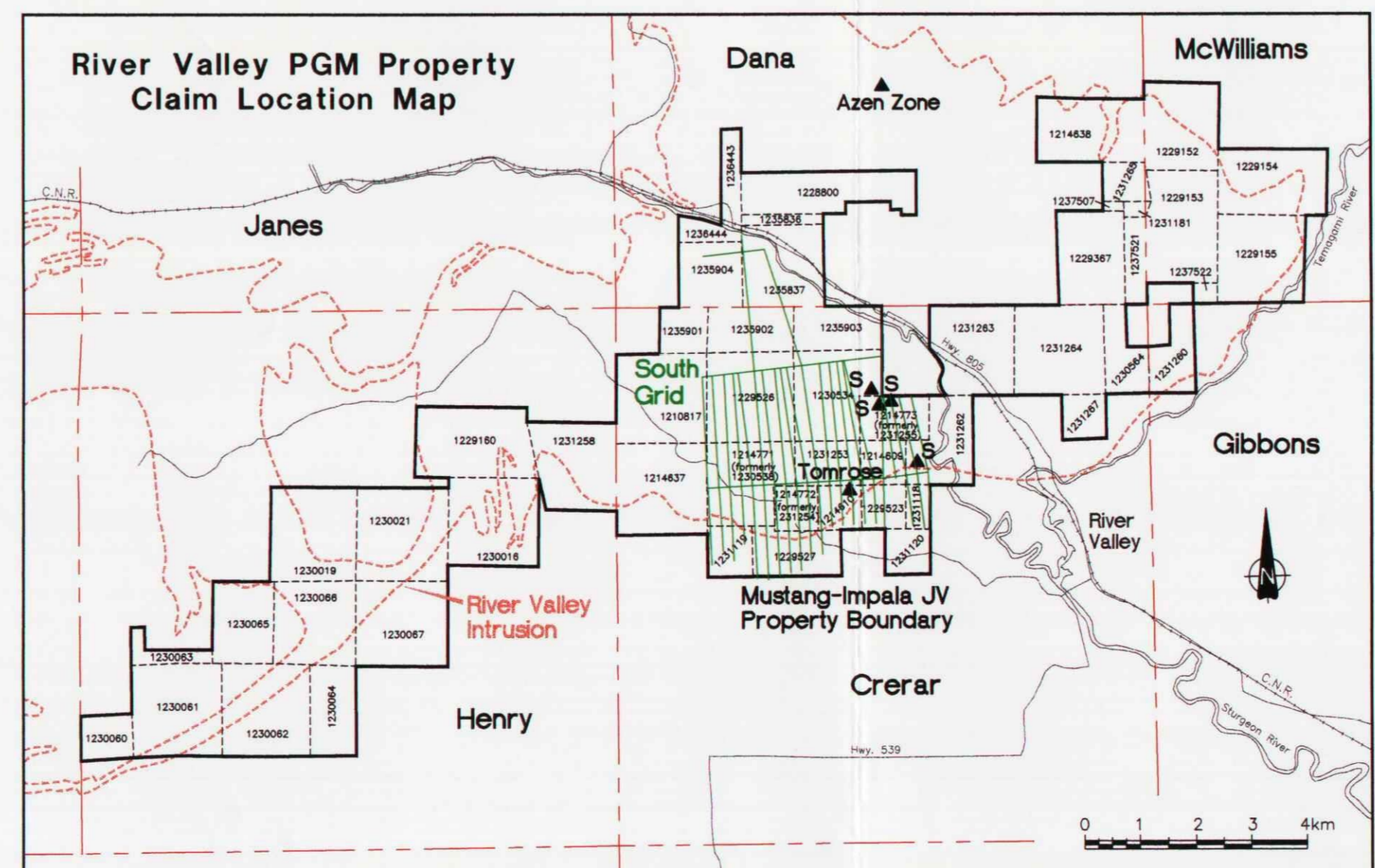
ABBREVIATIONS

Bldr	boulders	cpy	chalcopyrite
dk	dark coloured	mt	magnetite
fg	fine-grained	po	pyrrhotite
G	geophysically inferred	py	pyrite
Gn	gneissic		
L	layered		
m. mass.	massive		
SIB	standard iron bar		

SYMBOLS

- x Outcrop, outcrop area; small outcrop
- μ Magnetic susceptibility
- μ Gneissosity
- Contact (defined, inferred)
- - - Fault (geophysically inferred)
- \blacktriangle Sample Location and number
- \blacktriangle Sulphide/Mineral occurrence
- Positive topographic feature
- \square Claim post (located, inferred)
- Claim line
- \square Swamp
- \square Pond with Beaver dam
- Road
- Trail
- Creek
- Clear cut

2.20091



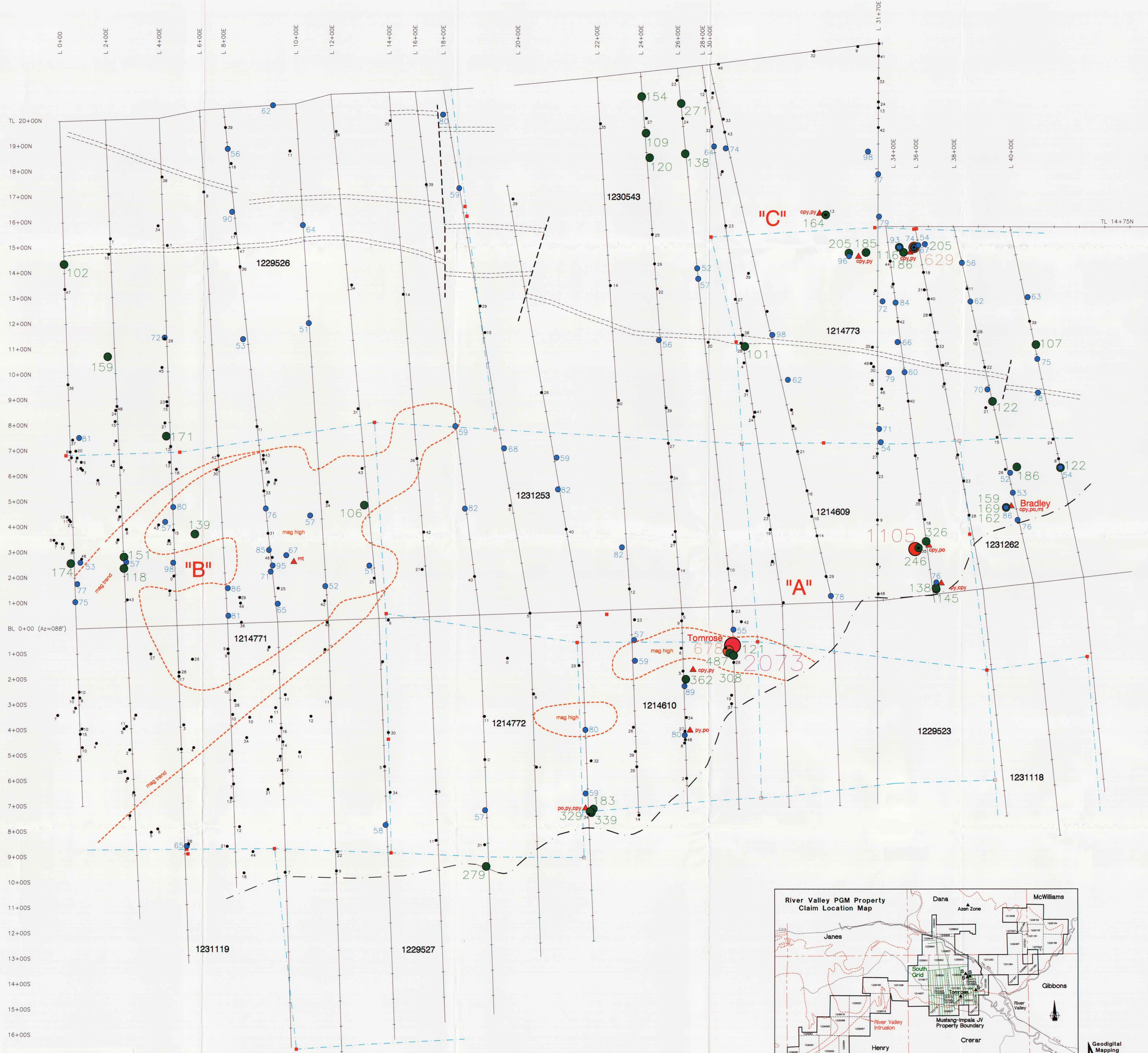
MUSTANG MINERALS CORP.

RIVER VALLEY PGM PROPERTY

MAP 1: SOUTH GRID BEDROCK GEOLOGY

Drawn: GMS	Mapped: TK & PCW	Province: Ontario	N.T.S. 41-1/09
Date: Jan., 2009	Revised:	Scale: 1:5,000	Drawing: South-Grid

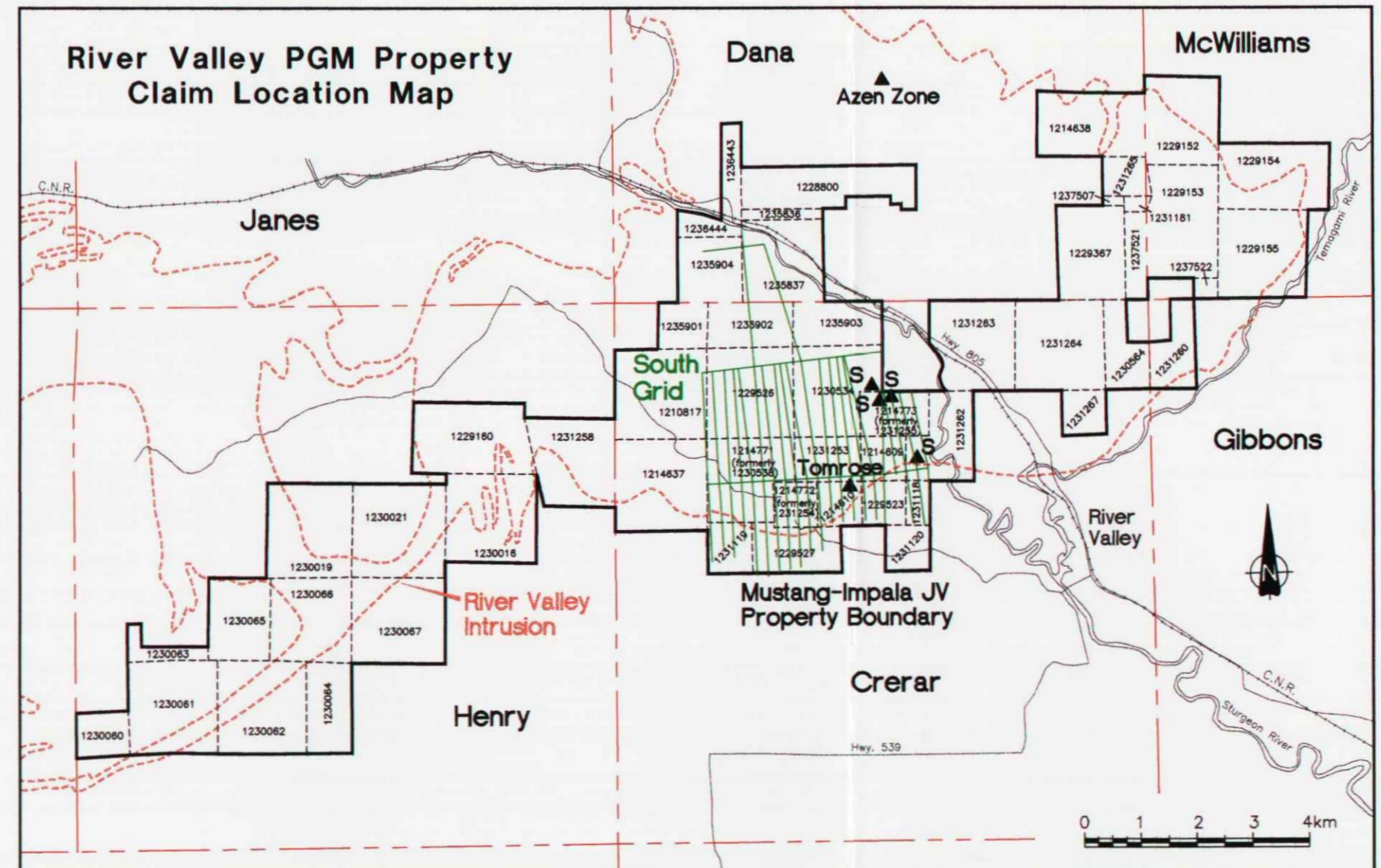




PGM ASSAYS

- Combined Pt+Pd+Au (ppb)
- >1500 ppb
- >1000-1500 ppb
- >500-1000 ppb
- >100-500 ppb
- 0-50 ppb

Statistical Data
 Average PGM 55 ppb
 Standard Deviation 128 ppb
 Range 0 to 2073 ppb
 Number 448



2.20091

MUSTANG MINERALS CORP.

RIVER VALLEY PGM PROPERTY

MAP 2: SOUTH GRID SAMPLE LOCATIONS AND PGM ASSAY DATA

Drawn: GMSI	Sampled: TR & PCW	Province: Ontario	NIS: 41-1/09
Date: Jan., 2000	Revised: 1:5,000	Scale: 1:5,000	Drawing: South_Assays

0 100 200 300 400m