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8 GILLIES LIMIT

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Prairie C Resource Property Development

Property Report

and

Summary Work Report For the Period May 19, 2000 thru Aug 24, 2000

on the

Santa Maria Claim Group

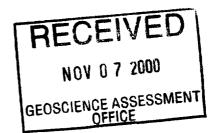
Gillies Limit and Lorrain Twps Larder Lake Mining division Temiskaming District, Ontario

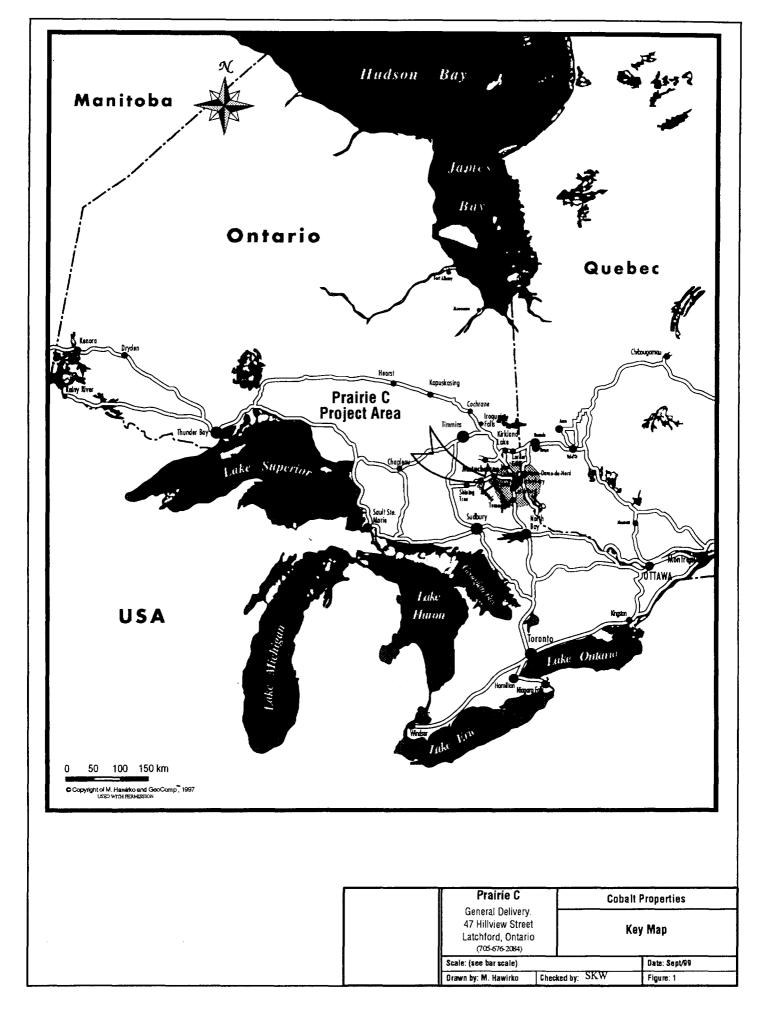
November 3, 2000

Submitted by

Murray D. Simpson and Simon K. Wareing in Partnership

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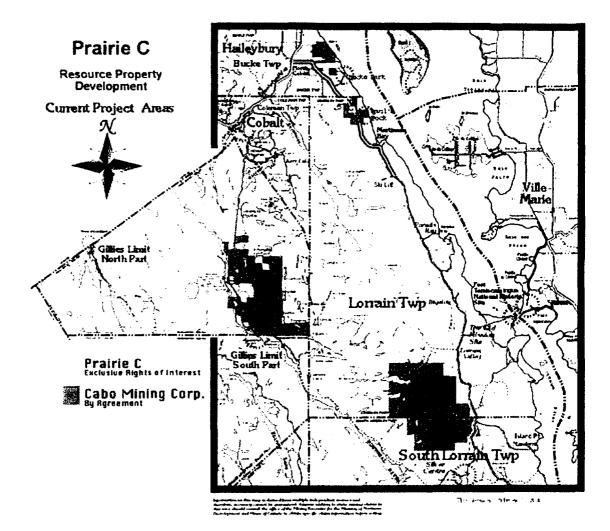


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GILLIES LIMIT

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Executive Summary

The Santa Maria Property consists of 3,360 acres of contiguous mining claims. These claims are located in Gillies Limit Township and Lorrain Township in the District of Temiskaming, Ontario, Canada. They are serviced under the Larder Lake Mining Division of the Ministry of Northern Development and Mines, Ontario.

The Santa Maria property is noted in history as the location of the discovery of the 2005 pound silver nugget float which now resides outside the Toronto Museum. The property is located within the Cobalt Mining Camp which was world renowned for it's celebrated production of silver and cobalt ores during it's prolific 80 year history. The property has seen only limited exploration and development as a result of the traditional practice of focusing on low tonnage high grade ore deposits close to surface.

It is apparent from the compilation of available information and the physical examination of the property that it exhibits all the necessary geological features considered typical to host silver and cobalt orebodies. These favourable structures are noted at most if not all of the significant past producers in the camp.

These features are:

The presence of a contact between Nipissing Age Diabase intrusive into Keewatin age metavolcanics and volcanics. This contact is considered to be genetically related to the deposition of the ore in this area. The undulating nature of the diabase intrusive creates basinal depressions in the underlying structure. The property overlies a portion of such a basin. The diabase intrusion underlies the west half of the property from a depth of 0 feet in the west and about 550 feet toward the center at a dip of 20 - 30 degrees. Keewatin rocks form the hanging wall of this intrusive.

Relative proximity to large controlling fault structures such as the Montreal River Fault and the Cross Lake Fault. These regional structures in association with localized fault structures in concert with the diabase intrusion are reported to be key conditions for local mineral deposition. The Santa Maria property exhibits all of these conditions. The Cobalt and Silver Center Mining Camps both lie between these regional structures.

Economic Geology - Historical Summary

Strong evidence of subsidiary faulting around and throughout the claims.

Significant reports of veining and mineralization found near the diabase contact in the south half of the claims. Reported are the following:

A 1300 foot long quartz vein from 2-4 feet wide. Cobalt mineralization reported in a 3 foot wide section trending N55degW at the southern end of it in diabase. Native silver, cobalt and gold are reported in pitting and trenching along the northwest trend of this vein. Additional discoveries of mineralized quartz and carbonate veining are encouraging.

A zone of strong sulphide mineralization striking N33degW containing an 8 inch wide quartz vein at one point. 200 feet to the west a similar 8 inch mineralized quartz vein is located. 800 feet northwest is another north trending 8 inch vein. Numerous other smaller veins are reported to contain mineralization as well.

An adit was driven on a vertical, 7 inch wide calcite vein reported to carry considerable cobalt. It was driven 172 feet. Report of silver nuggets encountered. Strike is N35degE.

Additional contacts between the diabase intrusive and the various sediments of the area and the presence of the contact between the keewatin rock and the intrusive Lorrain Granite Batholith in the east provide additional potential to host silver cobalt deposits in the keewatin. Deposits hosted in Huronian and Keewatin sediments are also commonly known in the camp.

The presence of an 80 foot wide mineralized inlier of chert in the keewatin rocks is evidence of base metal potential since these bodies are known to host base metals and gold to varying degrees. These bodies are also well known to underlie some of the most productive silver orebodies in the camp.

Conclusion

The Cobalt Camp and area have sat dormant for many years, for a variety of reasons, not the least of which is the fluctuating cobalt and silver markets. Several viable projects fell to the side over the years for this reason alone and we know it was not for the lack of ore. The limited availability of definitive results respecting the genesis of the local orebodies is another factor, as is the limited, discontinuous nature of past exploration work performed. It is our contention that the Santa Maria Claims are properties of merit, that have experienced the same lack of attention as the local area.

The surface of this property has been reported to have been examined extensively over the past 80 years but little work has been completed or reported since the late 40's. Historical information combined with a recent airborne magnetic survey and previous recent assays "reported" suggest that this property would seriously benefit from a significant exploration program. A program of rock geochemistry, stripping and ground magnetics should be undertaken in concert with preliminary structural drilling. Much of the drilling done previously has focused near the surface and not within 200-300 feet of the contact as is recommended.

Adjacent to the Santa Maria property, on contiguous ground optioned from Prairie C, Cabo Mining Corp. of Vancouver has undertaken exploration for Volcanogenic Massive Sulphides. They have cited similarities between the mineralogy and structure of the Cobalt Area and the Timmins Kidd Creek area; as important features guiding their exploration. Both areas lie within the Cobalt Embayment which is a geological structure know to host VMS type deposits. Their focus is on the local volcanic and interflow sediments similar to the polymetallic host rocks of Sturgeon Creek and those of the Noranda Texas Gulf type found at Kidd Creek in Timmins. We believe the Santa Maria claims hold similar potential.

Introduction

In October 1998 and February 1999, Prairie C, acquired the Santa Maria Property by staking, as part of it's ongoing efforts in the Cobalt Area. To date, some nearly 19,000 acres have been acquired within or adjacent to the famed Cobalt Mining Camp. 6330 acres held by the partners are currently under option to a public mining company. This group of claims is contiguous to the west and south of the Santa Maria Claims. Prairie C has maintained claims in the area for 4 years. The Santa Maria Property is not currently under option or obligation to any party.

Location and Access

The Santa Maria Property is situated within 1 mile and contiguous to the eastern boundary of Gillies Limit Township - North Part in blocks 22, 32 and 43, and a portion of the claim group lies contiguous to the east in Lots 1 and 2 of Concessions 4 and 5 of Lorrain Township.

The property area is located approximately 12 km east of the town of Latchford or 9km southeast of the Town of Cobalt. Access is gained to the area by Provincial Highway 11 from North Bay and via municipal road off Hwy 11 to the Town of Cobalt. Access to the property is gained by a gravel road that runs south from the Town of Cobalt and then by a series of trails throughout the property.

Property Description and Status¹

The property area is comprised of 9 claims consisting of 84 - 40 acre units totaling 3,360 acres. The claims are in good standing and are duly recorded in the names of either of the partners, Murray D. Simpson or Simon K. Wareing.

List of Claims

Gillies Limit North Part

1211563, 1225262, 1225263, 1227197, 1225793, 1225719

Lorrain Township

1227195, 1227196, 1225720

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¹ Refer to Appendix B - Claim Map

General

For many years since the early discoveries of 1903, the Cobalt Camp was unchallenged as a premier producer of silver and cobalt ores. During it's illustrious history, the camp produced on the order of 450 million ounces of silver, 24.8 million pounds of cobalt and about 7.5 million pounds combined of copper, nickel and lead. This level of production earned Cobalt the title; "Silver Capital of Canada".

The area is well served by paved road access as well as access to rail and trucking services. An abundant pool of local skilled labour in addition to such recently rejuvenated processing facilities as the Sabin Metals-McAlpine Mill and the Cobatec Refinery, which was recently purchased by Canmine Resources Ltd., bode well for the "possible" redevelopment of the Camp and area.

In spite of the prolific history of the mines in this area it is our contention that there is much that is yet to be discovered. Silver was "King" during the boom years and many other types of mineralization where either ignored or not reported. Gold and base metals such as nickel, copper, zinc and abundant cobalt were known byproducts of silver production. The practice of the day was to locate, explore and develop high grade silver potential at or near the surface. Traditionally, the mines of the area were seldom driven below 300 feet and considerable production was made from tunnels driven into surface outcrops. Silver values ranged from a few ounces to several thousand ounces per ton and were derived from a complex assemblage of veins and vein stockworks that required highly selective mining practices in order to maintain the consistently high, grade values.

Physiography and Climate

The Cobalt area is typically characterized as a gently rolling terrain common to the Precambrian Shield. Elevations vary from 950 - 1250 meters locally.

The area is moderately well drained with some swampy conditions in low lying areas and along fault depressions. Tamarack and Cedar along with numerous lesser trees and shrubs thrive in these areas. Forest cover is however, generally mixed featuring various pine, birch and several poplar species.

The climate is moderate with typically 30 -100 mm of precipitation during the warm months. Winter is generally moderate to cold with snowfall ranging from 2 -3 m.

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Structural Geology

The property lies in an area that is known to be structurally, very active. The Lake Temiskaming and Montreal River Faults are considered to be part of a great, still active system of faulting that extends approximately 300 miles, from the northwest to the St. Lawrence Lowlands in the southeast. Lake Temiskaming is centered on a major rift valley that extends several hundred miles to the northwest. Much evidence of more recent movement is seen in depressions and scarps throughout the area(Thompson 1960).

It is generally considered that the faulting in association with the intrusion of the diabase sill has a genetic relationship to mineral deposition in this area. Most silver in the area was derived from fracture filling deposits in fissures, faults and joints associated with the major northwest trending faults. The localization of ore chutes has been discovered to be structurally related to the major unconformities and the faulting associated with the diabase intrusion and it's resulting contacts with the Keewatin metavolcanic and lower coleman member, Huronian sedimentary rocks.

Area Geology² Principal Features (Holbrooke G.L., 1966³)

The principal geological features of the Cobalt area consist of:

A complexly folded and faulted series of early Precambrian, Keewatin age lavas and sediments invaded by granites, porphyries, diorites and other early precambrian intrusives and leveled by erosion to form a basement.

A thick series of flat lying, late Precambrian, Cobalt sediments laid down uncomformably on the eroded basement rocks. These sediments consist of lenticular bodies of basal conglomerate with overlying beds of greywacke, quartzites and slates, occasionally with other interformational conglomerates.

A widespread, thick, sill like intrusive of very late Precambrian age known as Nipissing diabase. This diabase sill closely followed the relatively flat sediments with an average thickness of about 1,000 feet and judging from available information, had an aerial extent of many hundreds of miles.

The cumulative effects of erosion since Precambrian times of the general area underlain by the diabase. The diabase sill is not a flat plain but is gently undulating and this feature combined with the accidental level of erosion, has conspired to expose the diabase to various depths. Thus in large areas the diabase is more or less deeply buried under various thicknesses of flat lying sediments. In others the diabase is partly removed and in still others it is completely removed and the sub sill rocks are exposed.

In this geological setting a large number of very rich silver and cobalt orebodies have been found and more or less mined out. These orebodies occur in calcite filled fractures carrying impressive quantities of native silver with sulphides, arsenides and antimonides of cobalt, nickel, iron and copper. The values occur within the veins as ore shoots which are controlled by faulting and fracturing.

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² See Appendix C - Geology Map.

³ Excerpt from Santa Maria Mines Limited, Report on Gillies Limit Property, Cobalt Area Assessment Files

The orebodies of the Cobalt Camp have been studied exhaustively by a number of competent geologists and from the accumulated data a number of geological relationships and conditions have emerged which are common to all or most of the known orebodies.

These relationships and conditions have apparently controlled the emplacement of the orebodies and if they can be duplicated elsewhere in unexplored sections of the general area they should point the way to new, unknown orebodies. The more important empirical features are:

The orebodies all lie within about 300 feet vertically of either the top or the bottom contact of the diabase sill.

Within this range the orebodies occur in the diabase itself or in intruded rocks but tend to favour the latter.

As the orebodies occur in fissure type veins fracturing is obviously important. For the most part the productive veins are found in fracture patterns subsidiary to main, regional faults and these larger structures are apparently necessary features.

The vein-carrying subsidiary fractures are apparently influenced in distribution and frequency by the distribution of competent horizons in the underlying keewatin rocks whether the veins are found in these rocks, in the uncomformably overlying sediments or in the diabase.

Claim Geology and Structure (General)

The Santa Maria claim group is bounded in the west and north by the top of a large intrusive diabase sill which dips eastward 20 to 25 degrees underlying much of the west half of the property. Depth of the diabase intrusive is from 0 feet in the west of the group where it outcrops, down to about 1200 feet nearer the east boundary of Gillies Limit where it is in contact with Algoman age granite.

The east half of the claim group is predominated by a large Algoman age granite batholith. The Lorrain Batholith, as it is known, trends northward and is about 9 miles long and stretches east for 5 miles. The granite intrudes the keewatin volcanics along the contact and therefore may host silver/cobalt mineralization.

Keewatin age volcanic rocks comprise the hanging wall of the 1000 foot thick diabase sill which lies between the top of the north trending sill and the western edge of the N20degW trending batholith. The belt of keewatin rocks is from 1200 to 2500 feet wide and generally trends north and underlies the balance of the property.

In the south central portion of the claims, the granite/keewatin contact is overlain by a thin sheet of Cobalt Conglomerate. This wedge of conglomerate trends N30degW and is part of a larger formation to the south that is cut by a narrow east trending finger of the diabase sill. An area of Lorrain Formation traverses the southwest corner of the southernmost claim and also contacts with the diabase and granite.

The property area is centrally located between the major northwest trending Montreal River Fault to the southwest and the similar trending Cross Lake Fault to the northeast. These large regional faults are considered well to be the controlling structures chiefly responsible for ore mineral deposition in the area. Premineral faulting allowed for the passage of mineral rich fluids that deposited the mineral in fractures and enriched the porous fracture walls of the numerous secondary and tertiary faults and fault zones. Owing to the particularly venous nature of the deposits found to date, it is easy to see why it has been difficult to outline reserves in this camp. These properties exhibit much of this type and abundance of fracturing and given the relative importance of the diabase and keewatin contacts, these claims are well structured to host a deposit or deposits.

The foregoing contention is supported by evidence of at least 3 significant fault directions. The first, N45 - 60degW is demonstrated by sections of the Montreal River to the west and north of the property and a strong lineament that extends from the area of the Silver Center Mining camp about 12 miles to the southeast through Lakes Latour, Pine, Edison, Expanse and to Botha Lake in the southwest corner of the property. The second is also marked by the course of the Montreal River about 2 miles west at N5 - 15degW.

Further evidence comes from two parallel lineaments 800 feet apart adjacent to the Gillies limit boundary that run for several miles to the north. The third, probable direction of faulting, N45 - 50degE, is evidenced by 2 parallel lineaments located to the southwest at 1/2 and 1 1/2 miles.

Exploration History-Reported

1925-1937

British Canada North Exploration and Development Limited Sporadic exploration included some pitting and trenching in the southwest portion of the claims. Limited information is available on the work. Quartz associated gold and calcite with native silver reported. No assays available

1946

Santa Maria Mines Ltd.

8 diamond drill holes totaling 1520 feet were drilled on an 800 foot northwest trending shear zone in the west central portion of the claims. 3 shallow shafts were sunk to bedrock in this same area. Extensive pits and trenches. No assays available.

1948 - 1949

Santa Maria Mines Ltd.

Discovery of silver nugget and large niccolite boulder. A large cobalt nugget was unearthed during trenching. Assays of 10 - 16% Cobalt running 0.5 - 2.5 oz/ton Au were reported from pit workings.

1951

Santa Maria Mines Ltd.

4 holes drilled totaling 1319 feet. Assay of 7.1 oz/ton over 2.5 inches found 95 feet above the contact in one hole.

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1960 Santa Maria Mines Ltd. Ratiometric survey completed. 4 drill holes totaling 1,859 feet. No reported assays.

Botha Lake Mining Corporation(Rayrock Mines Limited)

A ratiographic survey was done on 279 acres to determine the presence of the important cross fracturing necessary to ore deposition. Success was reported and several anomalies were identified and traced. 15 drillholes completed to a depth of 300 to 500 feet. 0.2 - 4.3 oz/ton Ag reported

1997

Wabana Explorations Ltd.

A prospecting and stripping program was carried out in the west central area of the property. The area was once held by Santa Maria Mines. Stripping focused on the old workings where 26 samples were taken and analyzed. Numerous shear zones, chert

horizons and quartz veins were sampled and found to have noteworthy amounts of sulphide mineralization. Potential for volcanogenic massive sulphide mineralization was postulated from reported evidence of proximal vent facies and hydrothermal alteration occurring near Borden lake. Wabana reported results of up to Au - 226ppb, Ag - 148.5g, Co - 1%, Cu - 0.9%, Ni - 580g and Zn - 808g per one ton assay portion used.

1998

Branchwater Resources Limited

An Airborne Geophysical Survey was conducted on contiguous properties optioned from Prairie C. This survey encompassed the Gillies Limit portion of the Santa Maria claim group as well as the majority of Prairie C's additional holdings. The report is available but no definitive analysis for the Santa Maria claims is given. 24 anomolous EM trends were assigned top priority on the basis that they "exhibit characteristics indicative of a valid, geological target".

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Table 1

Table of Lithological Units for Gillies Limit North Part and Lorrain Townships

Phanerozoic Cenezoic

Quaternary

Dic

Pleistocene and Recent Varved clays, sand, gravel and till

--GREAT UNCOMFORMITY--

Precambrian

Middle Precambrian (Proterozoic)

Mafic Intrusive Rocks

Quartz Diabase (Nipissing)

--INTRUSIVE CONTACT--

Huronian Supergroup

Cobalt Group

Lorrain Formation

Arkoses, crossbedded arkoses with pebble bands, arkose "spotted alteration", crossbedded arkosic sandstone and orthoquartzite and basal conglomerate

Gowganda Formation Firstbrook Member Arkose and interbedded argillite

Coleman Member

Greywacke, arkose, argillite with quartzite and conglomerate zones, siltstone, conglomerate with intercalated and quartzite and basal conglomerate

--UNCOMFORMITY--

Early Precambrian (Archean) Felsic to Intermediate Intrusive Rocks (Algoman Type)

Granite, syenite, biotite lamprophyre, aplite veins and dikes, and quartz monzanite

Metavolcanics and Metasediments Metasediments (Temiskaming)

Conglomerate and greywacke

Mafic Metavolcanics (Keewatin Type)

Massive basalts and andesites, pyroclastic rocks, porphyritic andesite, pillow lavas, diabase, and felsic and mafic tuffs

References

Hewitt, D.F. and Freeman E.B., 1978. Rocks and Minerals of Ontario, Geological Circular 13, Ontario Department of Mines and Northern Affairs, Part II.

Lovell, H.L., de Gris, J.W., 1976. Report on Lorrain Township, Concession 1 - 6, Part 1, Ontario Geological Survey, Miscellaneous Paper 51, with Map.

Milne, V.G., White, O.L., Barlow, R.B., Patterson, J.A., 1978. Cobalt Area District of Temiskaming, Summary of Field Work 1978, Ontario Geological Survey, Miscellaneous Paper 82, p.116 - 118.

Patterson, G.C., 1979. Metallogenesis of Base Metals in the Cobalt Area, Summary of Field Work, Ontario Geological Survey, Miscellaneous Paper 70, p 222 - 229.

Various Authors, Assessment Work Reports, Cobalt Area Assessment Files, Ministry of Northern Development and Mines, Kirkland Lake, Ontario.

Map References

Map 2361, Sudbury-Cobalt Geological Compilation Series, Ontario Geological Survey.

Map 2050, Cobalt Silver Area, Northern Sheet, Temiscaming District, Ontario Department of Mines.

Map 2051, Cobalt Silver Area, Southwestern Sheet, Temiskaming District, Ontario Department of Mines.

Map 2052, Cobalt Silver Area, Southeastern Sheet, Temiskaming District, Ontario Department of Mines.

Plan G3438," Claim Map", Township of Lorrain, Temagami District, Larder Lake Mining Division, Ministry of Natural Resources.

Plan G 3429," Claim Map" Gillies Limit North Part, Temagami District, Larder Lake Mining Division, Ministry of Natural Resources.

Additional map references were provided by the Assessment Work Reports of the former property holders of the described claims. Information from these and government sources were combined as part of an ongoing compilation and mapping program of the Cobalt Camp and Area by the current landholders. The illustrations provided were generated from a digital map compilation database and derived from multiple sources and therefore accuracy connot be guaranteed. Certain information has been verified personally and provided by the current landholders in the course of their exploration of the area.

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Prairie C

Resource Property Development P.O. Box 54, 47 Hillview Street - Latchford, Ontario, POJ 1N0 705.672.3768 or 676.2010 EMail prairiec@ntl.sympatico.ca WebPage: http:// www.geocities.com/prairiec

Summary Work Report for the period of May 19, 2000 to August 24, 2000

November 3, 2000

Introduction

Prairie C has been engaged in an ongoing staking and exploration program in the Cobalt area for the past four years. Exploration for volcanogenic massive sulphides and base metal deposits of the Kidd Creek genre have been the focus of the partnership to date along with platinum group elements. Airborne and ground geophysical surveys to date have produced a number of exploration targets within favourable geological settings for base metals and silver/cobalt mineralization. Follow-up sampling has produced encouraging results on those targets that were examined.

Santa Maria Claim Group

Cost of Work Performed

Commenced on May 19, 2000

Grid Cutting Supervision	16.2 km @ \$270/km 1 manx5 days @ \$150.00/manday Total	\$4374.00 \$ 750.00 \$5124.00
Performed by Antonio	Mackenzie and Associates of Amos, Qu	uebec
•	16.2km @ \$210/km 1 manx3days@150/manday Total arry and Associates of Wawa Ontario ur	\$3402.00 \$ 450.00 \$3852.00 nder the direction of Seymour Sears
Prospecting Transportation	2 men x 5days @\$150/manday 5 days @10.00/day Total	\$1500.00 \$50.00 \$1550.00
Sample Assays	Whole Rock/Multi 24 x 33.90 Au,Pt,Pa 7 x18.00 Total	\$ 813.60 \$ 126.00 \$ 939.60
	vision of activities was performed by the Wareing and was concluded on Augus	
Total Value of Work pe	rformed	\$11465.60

Claim Numbers and Location of Work Area

L1225262 - 9 Units - and L1225263 - 10 Units Gillies Limit Township - North Part

Work Program Summary

Geophysical Survey - Mag/VLF

"The ground geophysical surveys carried out over the southern portion of the Santa Maria property in claim number 1225263 have detected numerous weak to moderate features that may represent mineralization and host structures in bedrock. Four of these have been identified as high priority targets for follow up work."

Target A

This is considered to be a typical silver/cobalt environment featuring a Nipissing Diabase sill gently dipping below Archean metavolcanics and Cobalt Group sediments. A small granitic intrusive is featured in this area as well. The highlights of this westerly trending zone are:

- · A weak magnetic low within 150 metres of the diabase contact suggesting carbonate alteration
- A strong VLF conductor coincident with the diabase/volcanic contact
- A weaker conductor, 150 metres to the north and parallel to the diabase contact is coincident with the interpreted Archean/Coleman Sediment contact
- Two narrow magnetic high features assumed to be associated with the Archean/sediment contact
- · Features occur within 100 meteres vertically and 300 meters laterally of the diabase contact.
- · Numerous old workings are located in this area.

Target B

• Two parallel magnetic high features trending east west and terminating at a weak northwest trending VLF-EM conductor believed to be an iron formation or other rock type within the Archean volcanics below the Coleman conglomerate.

Target C

- Two parallel magnetic highs weaker than area B, but similar, are featured
- · Located within 80 metres vertically and 200 metres laterally of the diabase contact.
- A 150 metre Adit and other workings located in this area

Target D

- A 400 metre long, weak EM conductor with no associated magnetic response
- Area lies within Archean metavolcanics

Limited preliminary grab/chip sampling of select targets has provided results up to : Au 0.04 g/t, Co 53 ppm, Cu 1077 ppm, Ni 93 ppm, Pb 124 ppm, Zn 275 ppm, Cr 263 ppm. Additional work is pending.

Mineralized Chert Zone

Preliminary sampling of an 80 foot wide mineralized chert zone visible on surface in claim number 1225262, has revealed some very encouraging results. Multi Element Analysis has returned values up to

Au 0.09 g/t, Ag 11.4 ppm, Co 319 ppm, Cu 6069 ppm, Ni 132 ppm, Pb 3434 ppm, V 125 ppm and Zn 2695 ppm. Additional work to develop this zone is planned for later this year. No other work was performed. See following compilation of assay results.

Attention: S. Waring

Project: Cobalt Ont

Sample: Chip

Santa Maria Claims

Preliminary Sampling

Up to 100 ppm Cr contamination due to sample grinding.

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

A .5 gm sample is digested with 5 ml/3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Sampie Numbe			Ag ppm	A1 %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe .	K %	Mg %	Mn ppm,	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn.; ppm::	Zr ppm
	-		FP		P part	rrm	rr		~	PP	5 beer	P Paul	PP	~	~	~	11-4	PP	~	rr		PPIL	· · · ·	P P	PP	P		FF	<i>rr</i> –	r (****	rr	FF
28353	з	Gri	d 0.2	0.80	<5	30	<0.5	<5	0.51	<1	15	146	98	2.74	0.21	0.88	275	2	0.06	72	680	10	<5	2	<10	14	0.17	80	<10	. 4	45	6
28354	4.		3.6	1.20	5	30	<0.5	5	0.33	<1	51	90	1077	12.95	0.08	1.07	375	8	0.02	47	440	124	5	1	<10	31	0.10	139	<10	2	275 '	16
28355	51	1	<0.2	2.78	5	150	<0.5	<5	0.59	<1	23	155	84	5.77	1.13	2.40	570	2	0.05	93	840	6	<5	5	<10	12	0.28	94	<10	9	180 :	15
28356	6		<0.2	2.89	<5	90	<0.5	<5	0.60	<1	44	140	16	4.94	0.96	2.74	530	4	0.05	83	570	6	<5	- 4	<10	19	0.21	65	<10	12	105 :	14
28357	7-		<0.2	1.53	<5	20	1.0	<5	0.13	<1	9	118	<1	3.25	0.16	1.57	160	<2	0.04	30	480	2	<5	· 4	<10	3	0.01	42	<10	11	10	43
28358	8		0.2		5	30	<0.5	<5	0.50	<1	40	50	139	4.48			230	<2	0.07	42		12	<5	4	<10	9		73	<10	4	- 44 :	5
28359	9		<0.2	0.67	<5	20	<0.5	<5	0.21	<1	12	103	20	3.94	0.09	0.73	285	<2	0.04	17	340	16	<5	2	<10	6	0.12	41	<10	14	48	20
28360	10	•	0.2	2.32	10	20	<0.5	<5	0.61	<1	21	263	44	3.53	0.07	2.41	510	<2	0.03	70	190	14	5	· 3	<10	29	0.12	66	<10	2	80 :	6
28394	60	~	0.2	0.62	5	20	<0.5	<5	0.34	<1	17	175	89	2.97	0.19	0.86	160	<2	0.05	83	470	40	<5	. 1	<10	8	0.19	92	<10	10	27	32
28395	62	Ċ.	<0.2	5.55	20	30	1.0	<5	0.10	<1;	53	46	833	10.67	0.09	6.57	500	192	0.01	73	470	12	<5	: 3	<10	2	0.01	. 79	<10	5	37	15
28393	61/	+B ⊷	<0.2	2.04	10	40	<0.5	<5	0.46	<1	18	98	207	5.13	0.18	2.16	465	6	0.04	31	1210	14	5	8	<10	8	0.17	87	<10	19	55	11
28361	11			2.22	50	40	<0.5	<5		<1	57	81		12.97			500		0.07	110	480	266	5	· 5	<10		0.19	85	<10	4	169	31
28362	12	Zo	11.4	2.89	765	20	<0.5		0.65	<1	319	106	6069	9.96			76 <u>5</u>		0.05	132	500	3434	5	. 9	<10		0.14	125	10	8	2695	23
28363	13	÷	0.6	1.56	15	30	<0.5	<5	0.60	<1	53	78	164	11.76		0.96	360	<2	0.05	110	370	42	5	• 4	<10		0.17	66	<10	5	99	30
28364	14		0.4	1.78	5	20	<0.5	5	0.50	<1	34	82	158	>15.00		1.09	445	<2	0.05	115	450	40	5	· 2	<10	34	0.11	64	<10	3	99	24
28365	15,	•	0.6	2.63	45	70	<0.5	<5	0.79	<1	51	106	341	7.49	0.47	1.73	455	2	0.18	100	480	52	5	- 4	<10	. 44	0.18	87	<10	. 5	341	12
																							_							_		
28366	16			2.54	1720	70		1275	0.52	<1	64	113	455		0,37		485		0.10	115	440	430	5	6	<10		0.14	94	<10	-	184	25
28367	17			2.21	120	90	<0.5	<5	0.61	<1	30	110	106		0.40		470	2	0.14	76	S60	44	<5	. 4	<10	-	0.19	65	<10	5	134	8
28368	18		<0.2	1.61	10	40	<0.5			<1	21	112	29	3.44	0.16		425	2		72	740	26	<5	. 4	<10		0.16	61	<10	6	80	10
28369	19	1	<0.2	2.30	25	70	<0.5	<5	1.42	<1	19	115	98	4.48		1.59	575	<2	0.09	88	690	20	<5	, 5	<10		0.18	82	<10	. 7	94	6
28370	20	1	0.4	1.79	20	20	<0.5	5	0.59	<1	41	69	107	12.79	0.16	1.00	335	<2	0.11	115	470	30	5	2	<10	30	0.13	52	<10	4	60	21
28371	21			2.62	35	30	<0.5	<5		<1	96	108	114	9.66			530		0.12	100	570	18	5	- 5	<10	37	0.22	96	<10	7	79	17
28372	22			2.44	75	30	<0.5			<1	75	114	395	10.57			640		0.10	130	440	188	<5	. 6	<10		0.18	101	<10	5	268	22
28373	23		<0.2	0.83	<5	30	<0.5	<5	0:79	<1	16	287	14	2.26	0.14	0.83	375	2	0.05	60	600	22	5	: 2	<10	22	0.20	50	<10	4	40	10

Sample Number	Ац g/tonne	Au check g/tonne	Pt g/tonne:	Pd g/tonne	
28354~	0.04	0.07	<0.005	<0.005	
28359~	0.03	-	<0.005	<0.005	
28362 🗸	0.09	-	<0.005	<0.005	
28366 ~	0.08	-	<0.005	<0.005	
28370 -	0.05	0.05	<0.005	<0.005	
28372	0.03	-	<0.005	<0.005	
28373	0.01	-	<0.005	<0.005	

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Santa Maria Claims Preliminary Sampling

Attention: S.Wareing

Project: Cobalt, Ontario

Sample: Grab/Chip

ICP Whole Rock Assay

Lithium Metaborate Fusion

Sample is fused with Lithium metaborate and dissolved in dilute HNO3.

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Sample Number	SiOz %	Al ₂ O, %	Fe ₂ O3 %	CaO %	MgO %	Na2O %	TiO2 %	K₂O %	MnO %	P2O5 %	LOI %	Ba ppm	Sr ppm	Zr ppm	Sc ppm	Y ppen	Be ppm	Co ppm	Cr ppm	Cu ppm	Ni i ppm :	V ppm	Zn ppm	Rb %	Nb ppm	Total %
28353 3 Grid :	53.07	15.08	8.20	9.21	6.03	5.46	0.70	0.71	0.15	0.16	0.86	130	320	70	25	20	<5	25	125	220	135	185	55	<0.01	<10	99.78
28354 4	50.04	9.21	24.29	5.48	3.36	2.25	0.38	0.81	0.12	0.12	3.29	140	310	90	10	15	<5	50	380	1035	20	230	245	<0.01	<10	99.61
28355 ⁵	49.51	17.42	10:94	4.45	5.92	5.32	0.98	2.37	0.16	0.21	2.23	380	170	220	25	35	<5	20	90	160	95	160	155	<0.01	<10	99.67
28356 6	S6,58	15.45	8.66	3.33	: 5.41	2.81	0.68	3.79	0.10	0.16	2.52	410	150	160	20	30	<5	45	135	<5	90	125	80	<0.01	<10	99.60
28357 7	65.01	15.31	5.26	0.39	- 3.01	5.11	0.55	2.51	0.02	0.11	2.12	240	70	170	15	30	5	5	50	<5	30	80	5	<0.01	<10	99.47 [.]
28358 8	48.72	14.30	12.86	7.06	5.24	5.98	1.58	-1.06	0.21	0.15	2.11	210	170	80	55	30	<5	50	<5	200	35.	425	60	<0.01	10	99.39
28359 ⁹	67.36	12.63	6.23	0.86	1.68	3.91	0.39	5,30	0.06	0.10	0.80	520	60	130	10	25	∶<5	5	70	25	60	65	35	<0.01	<10	99.40
28360 10	46.35	17.41	9.41	10.40	8.59	3.01	0.54	0.83	0.17	0.05	2.97	130	360	30	40	10	<5	25	320	75	95	200	90	<0.01	<10	99.86
28394 60	64.38	11.33	6.80	3.12	4.78	4.18	0.53	3.31	0.10	0.10	1.01	380	- 70	100	15	20	5	- 30	245	120	110	175	50	0.01	<10	99.77
28395 62	49.43	15.36	14:96	0.21	10.08	1.44	0.24	1.47	0.07	0.10	6.27	140	: 30	160	5	30	<5	60	65	545	55	95	55	0.01	<10	99 .77
78393 61A+B	67 93	14 46	6.69	1.33	3.38	3.69	0.95	2.72	0.08	0.25	2.88	580	• 130	190	15	30	<5	: 25	115	180	<\$	110	35	0.01	<10	99.49
28361: 11 Chert	44.83	14.08	19.77	4.78	3.19	3.15	0.65	1.18	0.15	0.12	7.47	210	240	110	15	15	<5	35	30	65	20	155	165	<0.01	<10	99.49
28362 12 Zone	51.35	15.32	13.19	2.25	4.76	3.87	0.70	1.73	0.12	0.13	5,54	260	120	110	20	20	(<s< td=""><td>140</td><td>50</td><td>6895</td><td>30</td><td>160</td><td>1980</td><td><0.01</td><td><10</td><td>99.95</td></s<>	140	50	6895	30	160	1980	<0.01	<10	99.95
28363 13	42.88	13.19	20.27	7.57	· 3.83	2.13	0.62	1.08	0.21	0.09	7.73	200	280	100	25	15	i <5	40	85	190	40	165	135	<0.01	<10	99 .73
28364 14	39.63	11.80	24.89	6.51	3.84	2.05	0.55	0.81	0.21	0.11	8.99	120	300	90	20	15	< S	15	45	75	25	170	105	<0.01	<10	99.50
28365 15	50.23	16.34	12.06	5.05	4,55	4.16	0.71	1.94	0.12	0.11	3.95	350	260	100	20	15	· <5	50	30	350 ·	40	175	305	<0.01	<10	99.38
28366: 16	51.28	16.11	12.96	3.95	4.40	. 3.52	0.73	1.88	0.11	0.11	4.41	340	220	110	20	15	5	55	65	550	50	165	175	<0.01	<10	99.63
28367 17	54.24	17.21	8.49	6.33	4.72	3.28	0.76	2.06	0.13	0.14	2.28	420	310	140	20	20	ʻ <5	25	50	190	90	150	170	<0.01	<10	99.81
28368 18	54.86	15.75	8.50	5,95	5.29	4.21	0.72	2.05	0.15	0.19	1.69	550	210	130	20	20	. <5	25	80	10	100	145	70	<0.01	<10	99.49
28369 19	48.98	15.14	12.72	9.39	5.70	2.16	1.00	1.74	0.22	0.18	2.25	280	270	110	30	30	<5	- 30	155	180	130	220	105	<0.01	<10	99.64
28370 20	42.64	13.35	20.53	5.15	4.21	3.35	0.61	1.50	0.15	0.13	7.86	230	210	100	20	15	<5	35	25	80	45	150	80	<0.01	<10	99.59
28371. 21	50.66	14.96	14.90	4.18	3.65	3.09	0.81	1.43	0.12	0.14	5.48	240	230	120	20	20	<5	- 85	50	90	40	165	60	<0.01	<10	99.53
28372 22	50.50	15.24	14.83	3.20	. 3.70	3.78	0.68	1.08	0.11	0.11	6.28	170	190	110	20	15	<5	60	55	420	40	150	190	<0.01	<10	99.66
28373. 23	55.33	14.15	7.64	6.71	5.33	3.97	0.59	4.27	0.15	0.15	1.21	720	260	120	15	15	<5	- 20	105	<5	110	130	60	<0.01	<10	99.66

Attention: S. Waring

Project: Cobalt Ont

Sample: Chip

Swastika Laboratories Ltd.

1 Cameron Ave., Swastika, Ontario, POK 1T0 Tel: (705) 642-3244 Fax: (705) 642-3300
 Report No
 :
 0W2731 RJ

 Date
 :
 Sep-21-00

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MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
28351	<0.2	0.97	<5	10	<0.5	<5	1.07	<1	15	109	25	1.42	0.07	0.52	245	2	0.12	43	280	<2	<5	5	<10	15	0.26	61	<10	8	19	4
28352	<0.2	1.37	<5	10	<0.5	<5	1.85	<1	31	149	37	4.66	0.09	1.50	520	6	0.06	57	380	6	<5	4	<10	14	0.21	119	<10	5	30	6
28353	0.2	0.80	<5	30	<0.5	<5	0.51	<1	15	146	98	2.74	0.21	0.88	275	2	0.06	72	680	10	<5	2	<10	14	0.17	80	<10	4	45	6
28354	3.6	1.20	5	30	<0.5	5	0.33	<1	51	90	1077	12.95	0.08	1.07	375	8	0.02	47	440	124	5	1	<10	31	0.10	139	<10	2	275	16
28355	<0.2	2.78	5	150	<0.5	<5	0.59	<1	23	155	84	5.77	1.13	2.40	570	2	0.05	93	840	6	<5	5	<10	12	0.28	94	<10	9	180	15
28356	<0.2	2.89	<5	90	<0.5	<5	0.60	<1	44	140	16	4.94	0.96	2.74	530	4	0.05	83	570	6	<5	4	<10	19	0.21	65	<10	12	105	14
28357	<0.2	1.53	<5	20	1.0	<5	0.13	<1	9	118	<1	3.25	0.16	1.57	160	<2	0.04	30	480	2	< 5	4	<10	3	0.01	42	<10	11	10	43
28358	0.2	0.66	5	30	<0.5	<5	0.50	<1	40	50	139	4.48	0.15	0.44	230	<2	0.07	42	510	12	<5	4	<10	9	0.24	73	<10	4	44	5
28359	<0.2	0.67	<5	20	<0.5	<5	0.21	<1	12	103	20	3.94	0.09	0.73	285	<2	0.04	17	340	16	<5	2	<10	6	0.12	41	<10	14	48	20
28360	0.2	2.32	10	20	<0.5	<5	0.61	<1	21	263	44	3.53	0.07	2.41	510	<2	0.03	70	190	14	5 \\	3	<10	29	0.12	66	<10	2	80	6
28361	0.6	2.22	50	40	<0.5	<5	0.53	<1	57	81	155	12.97	0.40	1.29	500	~2	0.07	110	480	266	5	5	<10	32	0.19	85	<10	4	169	31
28362	11.4		765	20			0.65		319	106		9.96	0.11	2.72		-	0.05		-	- · ·	5	9			0.14	125	10	- 8		23
28363		1.56	15	30		<5		<1	53	78	164	11.76	0.16	0.96		<2		110		42	5	4	<10	35		66	<10	5	99	30
28364		1.78	5	20		5		<1	34	82	158	>15.00	0.18	1.09	445	_	0.05			40	5	2	<10	34		64	<10	3	99	24
28365	0.6	2.63	45	70		<5	0.79	<1	51	106	341	7.49	0.47	1.73	455		0.18	100		52	5	4	<10	44	0.18	87	<10	5	341	12
28366	3.2	2.54	1720	70	<0.5	1275	0.52	<1	64	113	455	7.60	0.37	1.90	485	2	0.10	115	440	430	5	6	<10	26	0.14	94	<10	5	184	25
28367	0.6	2.21	120	90	<0.5	<5	0.81	<1	30	110	106	3.82	0.40	1.58	470	2	0.14	76	560	44	<5	4	<10	42	0.19	65	<10	5	134	8
28368	<0.2	1.61	10	40	<0.5	<5	0.65	<1	21	112	29	3.44	0.16	1.56	425	2	0.09	72	740	26	<5	4	<10	19	0.16	61	<10	6	80	10
28369	<0.2	2.30	25	70	<0.5	<5	1.42	<1	19	115	98	4.48	0.38	1.59	575	<2	0.09	88	690	20	<5	5	<10	39	0.18	82	<10	7	94	6
28370	0.4	1.79	20	20	<0.5	5	0.59	<1	41	69	107	12.79	0.16	1.00	335	<2	0.11	115	470	30	5	2	<10	30	0.13	52	<10	4	60	21
28371	0.4	2.62	35	30	<0.5	<5	0.68	<1	96	108	114	9.66	0.18	1.79	530	<2	0.12	100	570	18	5	5	<10	37	0.22	96	<10	7	79	17
28372	1.8	2.44	75	30	<0.5	<5	0.48	<1	75	114	395	10.57	0.20	1.98	640	2	0.10	130	440	188	<5	6	<10	21	0.18	101	<10	5	268	22
28373	<0.2	.0.83	<5	30	<0.5	<5	0.79	<1	16	287	14	2.26	0.14	0.83	375	2	0.05	60	600	22	5	2	<10	22	0.20	50	<10	4	40	10

Up to 100 ppm Cr contamination due to sample grinding.

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed:

Attention: S. Waring

Project: Cobalt Ont

Sample: Chip

Swastika Laboratories Ltd.

1 Cameron Ave., Swastika, Ontario, P0K 1T0 Tel: (705) 642-3244 Fax: (705) 642-3300

 Report No
 : 0W2731 RL

 Date
 : Sep-08-00

ICP Whole Rock Assay

Lithium Metaborate Fusion

Sample Number	SiO2 %	Al ₂ O3 %	Fc2O3 %	CaO %	MgO %	Na2O %	TiO2 %	K20 %	MnO %	P2O3 %	LOI %	Ba ppm	Sr ppm	Zr ppm	Sc ppm	Y ppm	Be ppm	Co ppm	Cr ppm	Cu ppm	Ni ppm	V ppm	Zn ppm	Rb %	Nb ppm	Total %
28351	47.27	16.87	9.57	11.89	5.55	4.18	0.95	0.85	0.21	0.09	0.93	120	190	40	45	20	<5	50	270	<5	165	295	20	<0.01	10	98.51
28352	44.42	14.79	13.65	10.17	7.81	4.19	1.05	1.07	0.21	0.10	2.22	110	180	50	45	20	<5	50	170	30	110	310	35	<0.01	<10	99.80
28353	53.07	15.08	8.20	9.21	6.03	5.46	0.70	0.71	0.15	0.16	0.86	130	320	70	25	20	<5	25	125	220	135	185	55	<0.01	<10	99.78
28354	50.04	9.21	24.29	5.48	3.36	2.25	0.38	0.81	0.12	0.12	3.29	140	310	90	10	15	<5	50	380	1035	20	230	245	<0.01	<10	99.61
28355	49.51	17.42	10.94	4.45	5.92	5.32	0.98	2.37	0.16	0.21	2.23	380	170	220	25	35	<5	20	90	160	95	160	155	<0.01	<10	99.67
28356	56.58	15.45	8.66	3.33	5.41	2.81	0.68	3.79	0.10	0.16	2.52	410	150	160	20	30	<5	45	135	<5	90	125	80	<0.01	<10	99.60
28357	65.01	15.31	5.26	0.39	3.01	5.11	0.55	2.51	0.02	0.11	2.12	240	70	170	15	30	5	5	50	<5	30	80	5	<0.01	<10	99.47
28358	48.72	14.30	12.86	7.06	5.24	5.98	1.58	1.06	0.21	0.15	2.11	210	170	80	55	30	<5	50	<5	200	35	425	60	<0.01	10	99.39
28359	67.36	12.63	6.23	0.86	1.68	3.91	0.39	5.30	0.06	0.10	0.80	520	60	130	10	25	<5	5	70	25	60	65	35	<0.01	<10	99.40
28360	46.35	17.41	9.41	10.40	8.59	3.01	0.54	0.83	0.17	0.05	2.97	130	360	30	40	10	<5	25 \s	320	75	95	200	90	<0.01	<10	99.86
28361	44.83	14.08	19.77	4.78	3.19	3.15	0.65	1.18	0.16	0.12	7.47	210	240	110	15	15	<5	35	30	65	20	155	165	<0.01	<1J	99.49
28362	51.35	15.32	13.19	2.25	4.76	3.87	0.70	1.73	0.12	0.13	5.54	260	120	110	20	20	<5	140	50	6895	30	160	1980	< 0.01	<10	99.95
28363	42.88	13.19	20.27	7.57	3.83	2.13	0.62	1.08	0.21	0.09	7.73	200	280	100	25	15	<5	40	85	190	40	165	135	<0.01	<10	99.73
28364	39.63	11.80	24.89	6.51	3.84	2.05	0.55	0.81	0.21	0.11	8.99	120	300	90	20	15	<5	15	45	75	25	170	105	<0.01	<10	99.50
28365	50.23	16.34	12.06	5.05	4.55	4.16	0.71	1.94	0.12	0.11	3.95	350	260	100	20	15	<5	50	30	350	40	175	305	<0.01	<10	99.38
28366	51.28	16.11	12.96	3.95	4.40	3.52	0.73	1.88	0.11	0.11	4.41	340	220	110	20	15	5	55	65	550	50	165	175	<0.01	<10	99.63
28367	54.24	17.21	8.49	6.33	4.72	3.28	0.76	2.06	0.13	0.14	2.28	420	310	140	20	20	<5	25	50	190	90	150	170	<0.01	<10	99.81
28368	54.86	15.75	8.50	5.95	5.29	4.21	0.72	2.05	0.15	0.19	1. 6 9	550	210	130	20	20	<5	25	80	10	100	145	70	<0.01	<10	99.49
28369	48.98	15.14	12.72	9.39	5.70	2.16	1.00	1.74	0.22	0.18	2.25	280	270	110	30	30	<5	30	155	180	130	220	105	<0.01	<10	99.64
28370	42.64	13.35	20.53	5.15	4.21	3.35	0.61	1.50	0.15	0.13	7.86	230	210	100	20	15	<5	35	25	80	45	150	80	<0.01	<10	99.59
28371	50.66	14.96	14.90	4.18	3.65	3.09	0.81	1.43	0.12	0.14	5.48	240	230	120	20	20	<5	85	50	90	40	165	60	<0.01	<10	99.53
28372	50.50	15.24	14.83	3.20	3.70	3.78	0.68	1.08	0.11	0.11	6.28	170	190	110	20	15	<5	60	55	420	40	150	190	< 0.01	<10	99.66
28373	55.33	14.15	7.64	6.71	5.33	3.97	0.59	4.27	0.15	0.15	1.21	720	260	120	15	15	<5	20	105	<5	110	130	60	<0.01	<10	99.66

Sample is fused with Lithium metaborate and dissolved in dilute HNO3.

T. Left Signed:



S. Waring

Attn:

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

0W-2731-RG1

Company:	PRAIRIE C RESOURCE PROP DEV
Project:	Cobalt Ont

Date: SEP-19-00

We hereby certify the following Geochemical Analysis of 23 Chip samples submitted AUG-22-00 by .

Sample Number	Au g/tonne	Au check g/tonne	Pt g/tonne	Pd g/tonne	WRA -	Multi Elemet
28351						
28352	-	-	-	-		
28353	-	-	-	-		
28354	0.04	0.07	<0.005	<0.005		
28355	-	-	-	-		
28356						
28357	-	-	-	-		
28358	-	-	-	-		
28359	0.03	-	<0.005	<0.005		
28360	-		-	-		
28361						
28362	0.09	-	<0.005	<0.005		
28363	-	× _	-	-		
28364	-	-	-	-		
28365	-	-	-	-		
28366	0.08		<0.005	<0.005		
28367	-	-		-		
28368	-	-	_	-		
28369	_	-	-	-		
28370	0.05	0.05	<0.005	<0.005		
28371						
28372	0.03	-	<0.005	<0.005		
28373	0.01	_	<0.005	, <0.005		
				:		

Certified by

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0 Telephone (705) 642-3244 Fax (705) 642-3300

Attention: S.Wareing

Project: Cobalt, Ontario

Sample: Grab/Chip

Swastika Laboratories Ltd.

1 Cameron Ave., Swastika, Ontario, P0K 1T0 Tel: (705) 642-3244 Fax: (705) 642-3300
 Report No
 :
 0W2955
 RJ

 Date
 :
 Sep-22-00

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
28374	<0.2	1.77	<5	160	<0.5	<5	0.78	<1	23	732	30	3.28	0.46	2.65	470	<2	0.04	215	1140	20	10	2	<10	58	0.16	66	<10	3	57	8
28375	<0.2	0.78	<5	40	<0.5	<5	0.92	<1	22	168	141	4.61	0.10	0.62	380	4	0.06	41	400	10	5	4	<10	75	0.22	120	<10	6	24	6
28376	<0.2	0.61	<5	20	<0.5	<5	0.90	<1	29	188	233	4.53	0.08	0.38	365	2	0.05	52	440	6	5	4	<10	26	0.20	141	<10	6	12	6
28377	<0.2	1.35	<5	20	<0.5	<5	0.93	<1	25	109	91	3.31	0.17	1.22	320	2	0.08	51	340	2	<5	4	<10	13	0.20	80	<10	4	21	4
28378	<0.2	2.17	<5	50	<0.5	<5	8.70	<1	25	209	36	4.61	0.16	3.23	1260	<2	0.03	95	600	4	5	10	<10	152	0.15	133	<10	6	46	8
28379	<0.2	1.23	<5	20	<0.5	<5	0.98	<1	24	122	108	4.31	0.11	1.21	525	8	0.06	50	560	8	5	5	<10	39	0.18	89	10	8	25	7
28380	<0.2	1.24	<5	20	<0.5	<5	1.05	<1	40	140	296	4.95	0.14	1.04	700	6	0.08	65	390	4	5	6	<10	22	0.19	92	<10	5	21	5
28381	<0.2	1.94	<5	20	<0.5	<5	1.09	<1	30	192	140	6.22	0.21	2.21	1150	6	0.07	80	410	6	5	5	<10	25	0.21	113	<10	4	52	5
28382	<0.2	1.63	<5	40			1.01	1	27	133	162	5.46	0.23	1.32	890	4	0.09	64	390	6	5	6	<10	14	0.19	100	<10	4	28	5
28383	<0.2	0.90	<5	20	<0.5	<5	0.88	<1	34	181	206	4.80	0.11	0.84	530	4	0.08	60	380	20	5 ×a~	6	<10	24	0.23	143	<10	6	61	5
28384	<0.2	1.49	<5	50	<0.5	<5	0.84	<1	41	191	295	7.56	0.34	1.25	640	50	0.06	57	370	10	5	6	<10	13	0.21	121	30	5	31	6
28385	<0.2	2.65	<5	<10	<0.5	<5	2.17	<1	46	266	7	6.01	0.02	2.35	1270	2	0.04	103	400	2	5	16	<10	5	0.29	222	<10	7	74	6
28386	<0.2	1.46	<5	20	<0.5	<5	1.47	<1	25	443	123	4.95	0.21	1.59	660	20	0.03	71	1620	4	5	4	<10	25	0.19	89	20	6	43	7
28387	0.2	0.64	<5	150	<0.5	<5	0.59	<1	18	522	965	7.54	0.28	1.01	230	14	0.02	86	2320	10	10	<1	<10	67	0.17	163	<10	5	34	20
28388	<0.2	1.05	<5	20	<0.5	<5	0.69	<1	25	78	62	2.56	0.09	1.00	335	8	0.06	32	300	4	<5	5	<10	7	0.25	78	<10	5	24	4
28389	<0.2	1.04	<5	20	<0.5	<5	0.86	<1	24	85	220	2.46	0.10	0.80	400	38	0.08	30	300	4	<5	4	<10	13	0.19	60	10	5	19	4
28390	<0.2	0.58	<5	10	<0.5	<5	1.10	<1	18	75	193	3.19	0.08	0.43	250	12	0.07	23	310	6	<5	4	<10	38	0.23	111	<10	6	7	5
28391	<0.2	1.35	<5	50	<0.5	<5	0.91	<1	31	252	226	3.98	0.39	1.48	375	4	0.06	67	1050	4	5	4	<10	18	0.18	91	<10	5	31	10
28392	<0.2	0.96	<5	40	<0.5	<5	1.02	<1	35	130	120	4.94	0.23	0.77	300	10	0.07	65	320	6	5	5	<10	20	0.20	129	<10	5	16	5
28393	<0.2	2.04	10	40	<0.5	<5	0.46	<1	18	98	207	5.13	0.18	2.16	465	6	0.04	31	1210	14	5	8	<10	8	0.17	87	<10	19	55	11
28394	0.2	0.62	5	20	<0.5	<5	0.34	<1	17	175	89	2.97	0.19	0.86	160	<2	0.05	83	470	40	<5	1	<10	8	0.19	92	<10	10	27	32
28395	<0.2	5.55	20	30	1.0	<5	0.10	<1	53	46	833	10.67	0.09	6.57	500	192	0.01	73	470	12	<5	3	<10	2	0.01	79	<10	5	37	15
28396	<0.2	0.46	<5	60	<0.5	<5	1.47	<1	24	423	2752	3.15	0.17	0.82	260	22	0.03	59	3460	10	5	1	<10	53	0.11	67	<10	9	16	18

Up to 100 ppm Cr contamination due to sample grinding.

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed:

Attention: S.Wareing

Project: Cobalt, Ontario

Sample: Grab/Chip

Swastika Laboratories Ltd.

1 Cameron Ave., Swastika, Ontario, P0K 1T0 Tel: (705) 642-3244 Fax: (705) 642-3300
 Report No
 : 0W2955 RL

 Date
 : Sep-29-00

يور ويتصفرون المرور

ICP Whole Rock Assay

Lithium Metaborate Fusion

	Sample Number	SiO2 %	Al ₂ O ₃ %	Fe2O3 %	CaO %	MgO %	Na ₂ O %	TiO2 %	K₂O %	MnO %	P2O5 %	LOI %	Ba ppm	Sr ppm	Zr ppm	Sc ppm	Y ppm	Be ppm	Co ppm	Cr ppm	Cu ppm	Ni ppm	V ppm	Zn ppm	Rb %	Nb ppm	Total %
	28374	47.94	9.56	10.36	9.35	14.48	1.60	0.66	1.19	0.22	0.24	3.94	330	440	60	30	15	<5	55	1130	35	425	195	95	0.01	<10	99.84
	28375	49.50	13.85	13.03	10.47	5.39	3.05	1.03	1.33	0.27	0.11	1.35	480	680	70	40	20	<5	45	260	150	80	305	65	0.01	<10	99.61
- (28376	51.26	14.95	11.37	10.64	3.87	3.85	1.08	0.96	0.27	0.10	0.87	250	310	70	45	20	<5	60	265	245	90	340	40	0.01	<10	99.42
1	28377	49.31	14.32	12.69	9.42	7.12	2.29	0.96	1.32	0.18	0.08	1.64	150	160	60	40	20	<5	55	240	115	85	285	45	0.01	<10	99.45
	28378	41.42	10.81	8.70	14.71	7.04	2.54	0.75	0.99	0.21	0.13	12.23	2040	250	50	30	15	<5	45	305	45	125	220	40	0.01	<10	99.84
	28379	51.15	12.94	12.94	9.12	6.00	2.24	0.92	1.89	0.26	0.12	1.95	700	340	80	35	25	<5	45	235	95	75	255	55	0.01	<10	99.74
	28380	50.38	13.53	13.91	8.76	5.08	2.49	0.98	1.83	0.31	0.11	2.04	300	260	60	40	20	<5	60	250	240	85	285	45	0.01	<10	99.60
	28381	48.75	12.99	14.94	7.75	7.53	2.55	0.91	1.44	0.35	0.09	2.30	290	320	60	35	20	<5	55	265	160	120	265	75	0.01	<10	99.76
- 1	28382	48.24	13.97	15.54	8.93	6.03	2.49	0.98	1.14	0.36	0.10	1.82	200	210	60	40	20	<5	50	245	155	85	295	50	0.01	<10	99.74
	28383	52.85	14.43	11.94	7.87	4.32	4.36	1.08	0.87	0.26	0.09	1.40	210	290	70	40	20	<5	55 ₩-,	310	205	105	325	85	<0.01	10	99.65
	28384	52.35	11.64	16.45	8.36	4.51	1.52	0.88	0.97	0.27	0.09	2.22	160	140	60	35	20	<5	55	290	375	60	275	55	0.01	<10	99.42
	28385	54.77	16.02	8.53	4.22	3.96	5.99	1.10	0.43	0.18	0.08	4.09	60	110	60	40	15	<5	60	275	5	105	295	60	0.01	10	99.48
	28386	55.95	8.92	11.18	8.38	8.55	1.44	0.80	1.10	0.24	0.33	2.62	390	180	110	30	20	<5	50	550	150	120	205	65	0.01	<10	99.69
	28387	62.33	4.54	13.57	4.91	7.46	0.61	0.45	2.01	0.18	0.47	2.32	2880	330	100	15	10	<5	35	655	1070	115	245	80	<0.01	<10	99.40
	28388	53.99	13.93	9.83	7.25	6.38	3.72	1.06	1.42	0.17	0.07	1.78	250	120	60	50	15	<5	55	160	70	45	310	60	0.01	<10	99.73
	28389	50.46	14.24	11.76	10.12	6.64	1.94	1.00	1.13	0.23	0.07	1.72	170	150	60	45	20	<5	55	165	220	45	320	70	0.01	<10	99.46
	28390	50.67	14.31	11.41	10.75	5.19	4.19	1.01	0.65	0.23	0.09	1.10	170	410	60	45	20	<5	55	150	225	105	325	55	0.01	<10	99.77
	28391	54.38	11.20	11.73	7.99	7.93	1.92	0.82	1.27	0.18	0.22	1.85	340	· 270	70	35	20	<5	60	375	245	140	265	70	0.01	<10	99.69
	28392	49.54	16.17	12.56	9.87	4.44	3.13	0.91	1.30	0.17	0.07	1.46	310	250	60	40	20	<5	70	305	130	105	330	50	0.01	<10	99.80
	28393	62.93	14.46	6.69	1.33	3.38	3.69	0.95	2.72	0.08	0.25	2.88	580	130	190	15	30	<5	25	115	180	<5	110	35	0.01	<10	99.49
	28394	64.38	11.33	6.80	3.12	4.78	4.18	0.53	3.31	0.10	0.10	1.01	380	70	100	15	20	5	30	245	120	110	175	50	0.01	<10	99.77
	28395	49.43	15.36	14.96	0.21	10.08	1.44	0.24	1.47	0.07	0.10	6.27	140	30	160	5	30	<5	60	65	545	55	95	55	0.01	<10	99.77
	28396	66.15	4.41	8.62	6.92	7.7 8	1.12	0.48	1.17	0.19	0.67	1.69	660	190	130	10	20	<5	50	665	2245	160	155	80	<0.01	<10	99.65

Sample is fused with Lithium metaborate and dissolved in dilute HNO3.

Teb. Signed:



Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

0W-2955-RA1

Company:	PRAIRIE C RESOURCE PROP DEV
Project:	Cohalt Ontario

Date: SEP-15-00

Project:	Cobalt, Ontario
Attn:	S.Wareing

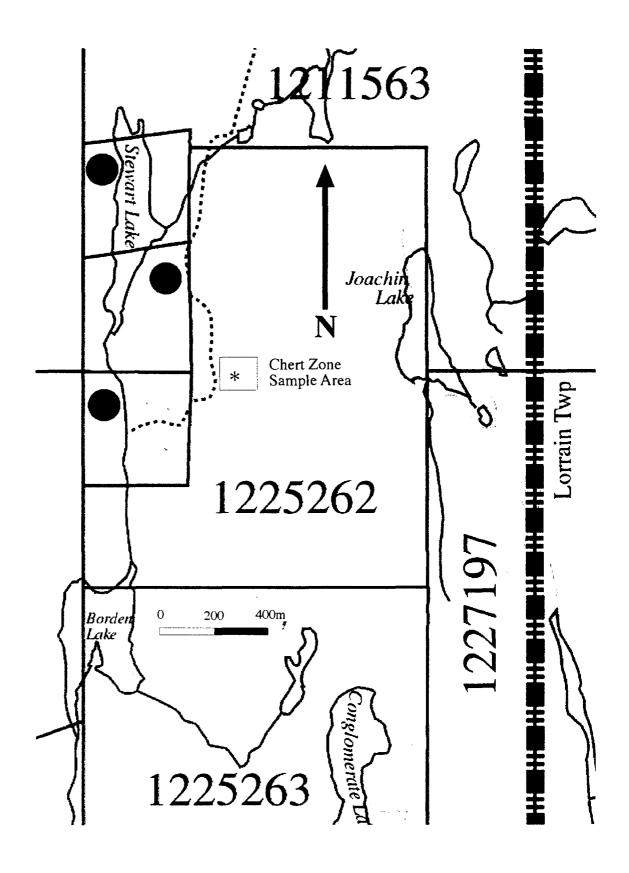
We hereby certify the following Assay of 23 Grab/Chip samples submitted SEP-11-00 by .

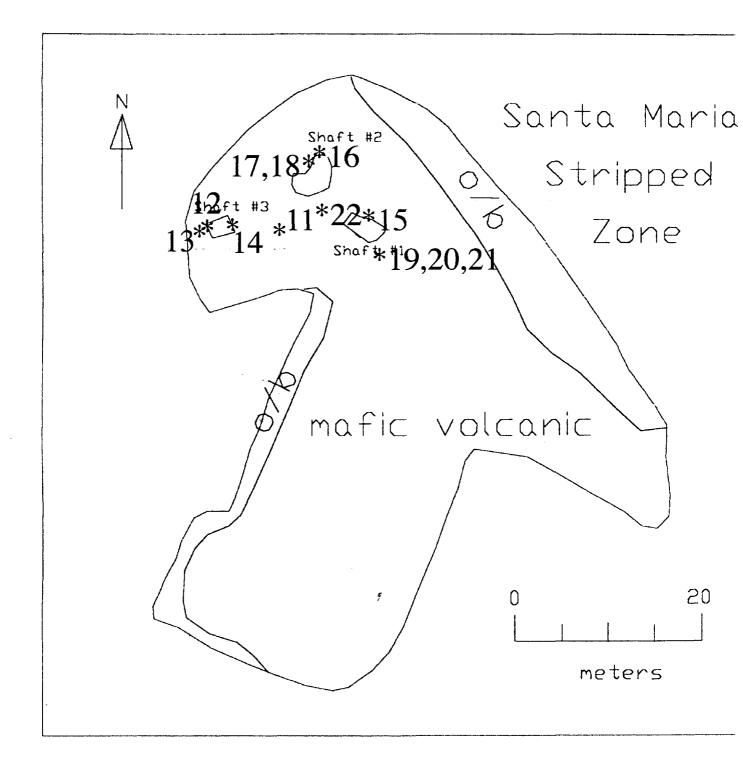
Sample	Au	Au Check	Pt	Pd	Multi	
Numbe r	g/tonne	g/tonne	g/tonne	g/tonne	Element	
28374	0.01	0.01	<0.005	<0.005	Results	
28375	-	-	-	-	to	
28376	0.01	-	<0.005	<0.005	follow	
28377	Ni l	-	<0.005	<0.005		
28378	-	-	-	-		
28379						
28380	-	-	-	-		
28381	-	-	-	-		
28382	-	-	-	-		
28383	-	, –	-	-		
28384				-		
28385	Nil	-	<0.005	<0.005		
28386	Nil	` -	<0.005	<0.005		
28387	0.03	0.03	0.01	0.02		
28388	Nil	-	0.01	0.02		
28389	-					
28390	-	-	-	-		
28391	Nil	-	0.01	0.01		
28392	Nil	-	0.01	0.01		
28393	0.03	0.03	<0.005	<0.005		
28394	-					
28395	-	-	-	-		
28396	0.02	-	<0.005	<u>و</u> 0.01		

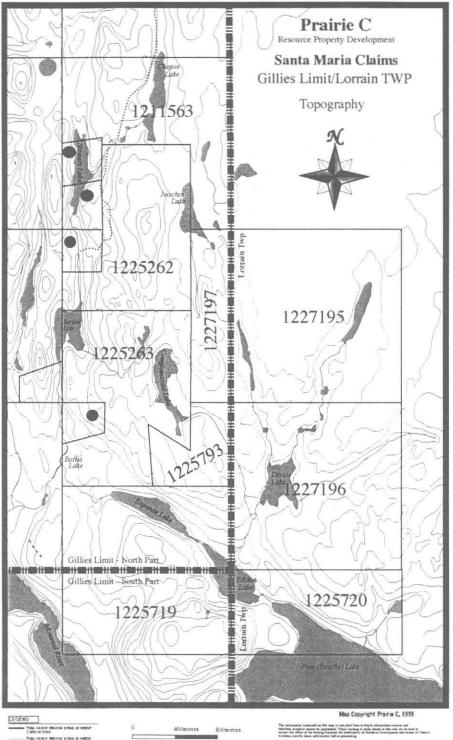
One assay ton portion used.

Certified by Denie Chart

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0 Telephone (705) 642-3244 Fax (705) 642-3300



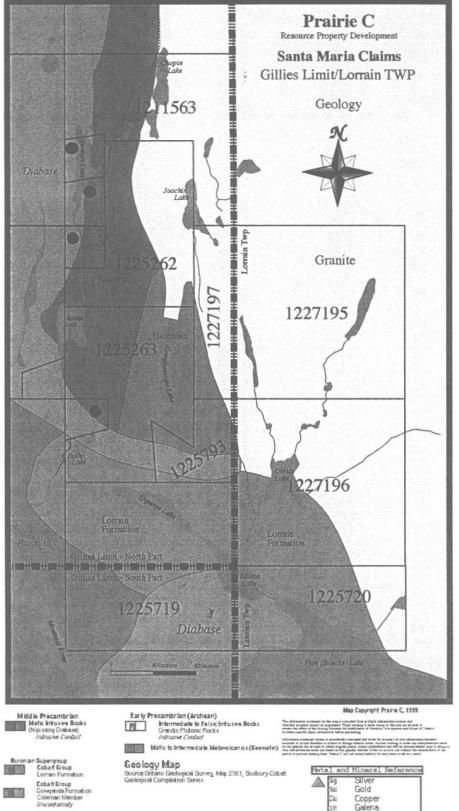




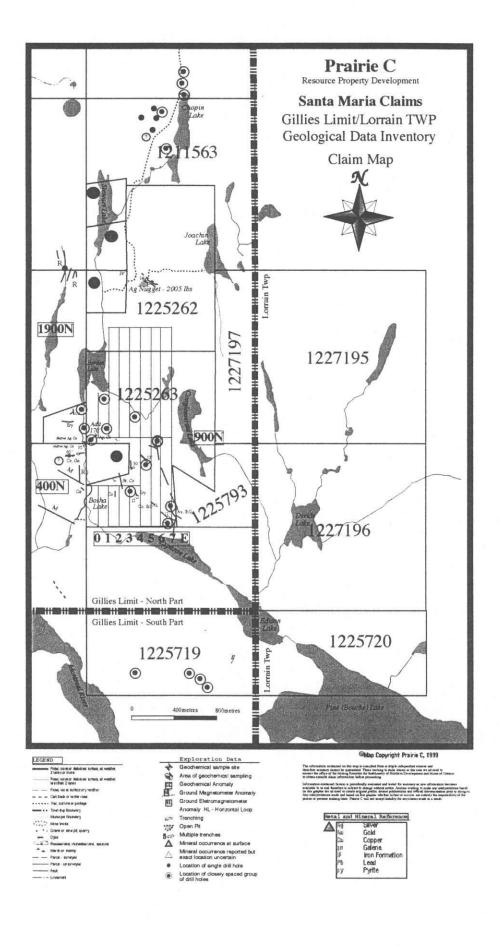
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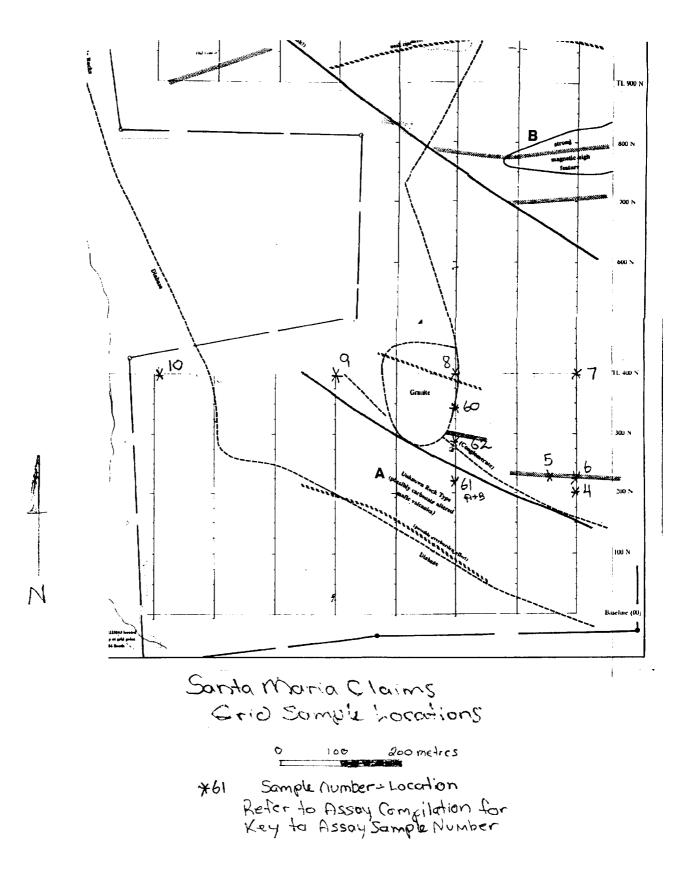
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- Perd smey Parce - units Paul



6 Copper Galena þr Iron Formation Lead Pyrite





Swastika Laboratories Ltd	Tel: (705) 642-3244	
P.O. Box 10		INVOICE
l Cameron Avenue		NO.:
Swastika, Ontario		00001931
POK 1TO		DATE:
		09/26/00
SOLD TO:	SHIP TO: P436	PAGE:
PRAIRIE C RESOURCE PROP DEV		
BOX 54, HILLVIEW STREET		
LATCHFORD ONTARIO POJ 1NO	Same	
,		

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GST Number: RT883022329 Proj #/P.O. # Cobalt Ont G P UNIT PRICE AMOUNT ITEM NO. QUANTITY DESCRIPTION UNIT 7 Au Pt Pd 18.00 126.00 23 Multi Element 8.40 193.20 23 22.00 WRA Package 506.00 80.50 23 Sample Prep 3.50 Cert #0W-2731-RG1 GST @ 7% 63.40 . COMMENTS: TOTAL 🌔 Net 30 Days 969.10

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Swastika Laboratories Ltd Tel: (705) 642-3244 P.O. Box 10 INVOICE 1 Cameron Avenue Swastika, Ontario NO.: 00001973 POK 1TO 1 **1**1 DATE: 10/02/00 SHIP TO: P436 1 SOLD TO: PAGE: PRAIRIE C RESOURCE PROP DEV BOX 54, HILLVIEW STREET Same LATCHFORD ONTARIO POJ 1NO

GST Number: RT883022329

Proj #/P.O. # Cobalt, Ontario

i

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G P	UNIT PRICE	AMOUNT
	11		AU PT PO		18.00	198.00
	23		Multi Element		8.40	193.20
	23		WRA Package		2 2.0 0	506.00
	23		Sample Prep		3.50	80.50
			Cert #00-2955-RA1			
			GST @ 7%			68.44
			N. C.			
Net 30	Davs				TOT:	1046.14
	2470				TOTAL	1010111

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GILLIES LIMIT

31M05SE2018 2.20688

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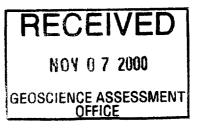
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REPORT ON GROUND GEOPHYSICAL SURVEYS ON PART OF THE SANTA MARIA PROPERTY GILLIES LIMIT NORTH TOWNSHIP, ONTARIO

for Prairie "C"

June, 2000 Seymour M. Sears

K,



SUMMARY

The Santa Maria Property of Pacific "C" is located within the Cobalt "silver mining camp" in northeastern Ontario. The work was completed on parts of two claims in an area between Borden Lake and Expanse Lake in Gillies Limit Township.

The ground geophysical surveys carried out over the southern part of the Santa Maria property has detected numerous weak to moderate features that may represent mineralization or host structures in bedrock. Four of these have been identified as high priority target areas for follow-up work. One of these is a classic Cobalt type Ag/Co target adjacent to a Nipissing Diabase sill. The other three are combined targets that have potential for Cobalt type vein Ag/Co and Archean VMS base metal and gold. A work program involving detailed prospecting, rock sampling, and ground proofing of anomalous areas is strongly recommended.

Respectfully submitted,

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Wawa, Ontario June, 2000

Seymour M. Sears, B. A., B. Sc. Geologist



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31M05SE2018 2.20688 GILLIES LIMIT

020C

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ii

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Map	3	Compilation Map	Back Pocket

INTRODUCTION

This work report on the parts of the Santa Maria Property (Figures 1, 2), has been prepared on behalf Murray Simpson and Simon Wareing. The content of the report is based ground geophysical surveys carried out in May and June of 2000 by personnel of Sears, Barry and Associates Ltd.

PROPERTY LOCATION AND ACCESS

The work was completed on two claims that are part of a larger land position in the Gillies Lake and Lorrain Township area. They are shown on Figure 2, a portion of claim Index Map G3438, Gillies Limit Township where they are numbered:

L 1225262 (9 units) L 1225263 (10 units)

An old road and trail departs the Houndschute road providing walking access to the west side of the claims.

TOPOGRAPHY AND VEGETATION

Maximum relief on the property is approximately 50 metres. Topography is generally rolling with local steep ledges and cliffs. The steepest terrain is along the shore of east shore of Borden Lake in the western part of the grid.

Vegetation on the property consists mainly of poplar, birch, cedar and locally dense underbrush. Low areas contain limited balsam and spruce cover.

REGIONAL AND PROPERTY GEOLOGY

The area is located in the southern part of the Cobalt mining camp and north of the Silver City mining camp and thus has not been well studied. It was mapped by the Ontario Geological Survey in 1978 (Lovell et al.). The grid area covers an inlier of Archean volcanic rocks, Huronian sedimenatry rocks and an eastward dipping Nipissing diabase sill. These rocks are bounded on the east side but beyond the grid by the Lorrain Granite Batholith. Several types of Lamprophyre crosscut the Archean rocks in the general area. There are numerous very deep pits, extensive trenches and at least 2 shafts within the grid area. Mineralization observed by previous workers includes pyrite, chalcopyrite, cobalt minerals, galena, magnetite and pyrrhotite.

2000 WORK PROGRAM AND RESULTS

TABLE 1 - Work Summary

Linecutting, Ground Mag & VLF-EM - 16.2 kms

The work program was carried out between May 15 and June 3. Work was based from a trailer camp located along the Hound Chutes road.

MAGNETOMETER SURVEY

The ground magnetometer survey was completed using a Geometrics G-816 Portable Proton Magnetometer. This instrument measures the total intensity of the earths magnetic field in gammas. A Geometrics G-856A recording Base Station magnetometer was used during the survey to monitor the diurnal variations of the magnetic field. This data was then utilized for correcting the field data. The Base Station was located along the baseline at 150 S. It had a value of 57309 gammas.

Magnetic intensities were observed at 12.5 metre intervals along the 4.75 kms of crosslines. The diurnally corrected data was plotted at a scale of 1:2500 and contoured (Map 1).

Magnetic backgound over the grid is in the range of 57000 to 57100 gammas. Anomalous values up to 1600 gammas above background occur locally. A broad magnetic high on lines 500 E, 600 E and 700 E centred at 775 N is of particular interest since it appears to be related to sedimentary rocks. A contrasting linear low feature extending from 400 N Line 300 E to 00 on Line 125 N appears to separate rock types in this area.

VLF-EM SURVEY

The VLF-EM survey utilized a Geonics EM-16 VLF-EM instrument. As with any VLF-EM method, the instrument measures certain components of the electromagnetic fields set up by communication stations operating in the 15 to 30 kHz frequency range. For this survey, the Cutler, Maine (NAA) transmitting station (24.0 Khz) was utilized. When the radio waves from this station encounter conductive bodies in the ground, eddy currents are induced creating secondary fields in the area of these conductors. The EM-16 measures in-phase and quadrature-phase portions of the vertical components of these secondary electromagnetic fields, as a percentage of the primary field of the original signal.

Data was collected at 25 metre intervals along the grid. The VLF-EM in phase and quadrature readings at each station are plotted in profile form on Map 2.

DISCUSSION OF RESULTS

Map 3 is a presentation of the geophysical features detected by the current surveys plotted on a geological base derived from previous published data (Bay Lake Area). Four areas of the grid warrant follow-up work. These are lettered on Map 3 and include:

Area A: This area is a classic Cobalt Type silver environment. A Nipissing diabase sill dips gently under Archean Metavolcanic rocks and Coleman conglomerates. A small granitic intrusion is also reported to occur in this area. Two old shafts along with other workings occur within 300 metres laterally (100 metres vertically) of the diabase contact. The zone within 150 metres of the diabase contact exhibits a weak magnetic "low" pattern suggesting carbonate alteration. A relatively strong VLF-EM conductor is coincident with the diabase contact. A weaker conductor is located 150 metres northeast of and parallel to the diabase contact. One shaft and numerous old trenches ar located along this weak conductor. Two narrow magnetic high feaatures assumed to be associated with the volcanic rocks beneath the Coleman conglomerate terminate at this conductor axis. Detailed prospecting is recommended in this area. Several drill holes are reported by earlier workers. The collars of these holes should be located in the field if possible and the drill logs obtained.

Area B: This area is of interest because of a very strong magnetic high feature that is assumed to be an iron formation or other rock type within the Archean volcanic rocks beneath the Coleman conglomerate. There is in fact two parallel magnetic "highs" in this area. Both trend approximately east-west and terminate abruptly at a northwest trending, weak VLF-EM conductor. This conductor, assumed to be a fault, may warrant some investigation as well. Detailed prospecting and sampling may explain this feature. If not, drill testing will be required.

Area C: Area C contains two parallel magnetic highs that are somewhat similar, although weaker, to those in Area B. It is very possible that the two were once connected and have

simply been offset by the fault. Area C is very close to an old adit and other workings reported by previous owners. It is also within 200 metres laterally (80 metres vertically) of the diabase contact. Prospecting and sampling in this area is recommended.

Area D: Area D lies within the Archean metavolcanic terrain. It includes a 400 metre long weak conductor without any associated magnetic response. This area should be prospected in search of base metal mineralization (VMS or related type). Geological mapping and limited lithogeochemical sampling would be the best method of evaluating this area.

CONCLUSIONS AND RECOMMENDATIONS

The ground geophysical surveys carried out over the southern part of the Santa Maria property has detected numerous weak to moderate features that may represent mineralization or host structures in bedrock. Four of these have been identified as high priority target areas for follow-up work. One of these is a classic Cobalt type Ag/Co target adjacent to a Nipissing Diabase sill. The other three are combined targets that have potential for Cobalt type vein Ag/Co and Archean VMS base metal and gold. A work program involving detailed prospecting, rock sampling, and ground proofing of anomalous areas is strongly recommended.

Wawa, Ontario June 27, 2000 Respectfully submitted,

Seymour M. Sears, B.A., B.Sc. Geologist

Ontario Ministry of Northern Development and Mines Development Declaration of Assessment Performed on Mining Land	
and Mines Performed on Mining Land	
······································	
Mining Act, Subsection 65(2) and 66(3), I	Assessment Files Research Imaging R.S.O. 1990
ssesment work and co	66(3) of the Mining Act. Under section 8 of the Mining Act, prrespond with the mining land holder. Questions about this and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, PROVINCIAL RECORDING OFFICE SUDBURY RECEIVED
Instructions: - For work performed on Crown Lands before recording a claim, u	use form 0240. NOV 0 7 2000
- Please type or print in ink.	
1. Recorded holder(s) (Attach a list if necessary) 2 • 20 6	CP O A.M. P.M. 7 8 9101111211231456
Murray D. Simpson	302234
Address Box 54 Latchford, Ontario POI INO	Telephone Number 705 676 - 2084
$\frac{1}{100} + \frac{1}{100} + \frac{1}$	Fax Number
Name	676 - 2010 Client Number
Address	Telephone Number
	Fax Number
	1
2 Tune of work performed: Check / () and repeat or such OME of the full	
2. Type of work performed: Check (✓) and report on only ONE of the followin	
Geotechnical: prospecting, surveys, Physical: drilling strip assays and work under section 18 (regs) trenching and assoc	
Work Type	Office Use
Gridcutting	Commodity
Groundgeophysics (Mog/VLF) Sampling (Geochemistry)	Total \$ Value of
	Work Claimed 11,416
Dates Work From 19 05 2000 To 14 08 3000 Performed Day Month Year Day Month Year	NTS Reference
Global Positioning System Data (If available) Township/Area Gillies himit - North	Mining Division Larder Lake
1927 Cancela Fost Mor G-Plan Number G3489.	Resident Geologist District Kirkland Lake
Please remember to: - obtain a work permit from the Ministry of Natural Resourc - provide proper notice to surface rights holders before stat - complete and attach a Statement of Costs, form 0212; - provide a map showing contiguous mining lands that are - include two copies of your technical report.	rting work;
3 Person or companies who prepared the technical report (Attach a list if	
Name Simon K. Working	-705 672 - 3768
Address Dro North Caboth Orlania Pation	Fax Number
Address Box 270, North Cobalt, Orderio POJIRO Name	
Name Name	5 676-2010 Telephone Number
Box 270, North Cobalt, Ontorio POJIRO	676-2010
Name Name	5 676-2010 Telephone Number
<u>Box 270, North Cobalt, Ordanio PoJIRO</u> Name Address	Fax Number
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Box J. 70, North Cobalt, Orderio Polico Name Address Name Address	676-2010 Telephone Number Fax Number Telephone Number Fax Number Fax Number Personal knowledge of the facts set forth in r witnessed the same during or after its Date Mov 6/2000 ber
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Pox 2 TO, North Cobalt, Ordonio Possiko Name Address Name Address . Certification by Recorded Holder or Agent I,	6.76 - 2010 Telephone Number Fax Number Telephone Number Fax Number Fax Number Personal knowledge of the facts set forth in r witnessed the same during or after its Date Nov 6 / 2000 ber 7.2084 $705 - 676 - 2010$
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Address Addres Addr	6.76 - 2010 Telephone Number Fax Number Telephone Number Fax Number Fax Number Personal knowledge of the facts set forth in r witnessed the same during or after its Date Nov 6 / 2000 ber 7.2084 $705 - 676 - 2010$

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

		w0080.00	415			
work v minin colum	g Claim Number. Or if vas done on other eligible g land, show in this n the location number tied on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg	TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg	1234567	12_	0	\$24,000	0	0
eg	1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1	L 1225263	10	10638	4000	2823	3816
2	L 1225262	9	777	3600		ø
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	Column Totals	19	11416	7600	1823	3816

- I, _____, do hereby certify that the above work credits are eligible under
- subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim

where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing Da	te /
Munay D. Sum	NOV 6 12000
11 minary ~	

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

Some of the credits claimed in this declaration may be cut back. Please check (\checkmark) 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.

or Office Use Or leceived Stamp		Deemed Approved Date	Date Notification Sent
		Date Approved	Total Value of Credit Approved
(03/97)		Approved for Recording by Mini	ng Recorder (Signature)
,	 A state of the sta	R	ECEIVED
	2°55 4.	0	NOV 8 7 2000
	A 33	GEOS	CIENCE ASSESSMENT OFFICE



20688 **Statement of Costs** for Assessment Credit

action Number (office use) W0080.00415

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/98. Under section 8 of the Mining Act, this 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 a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Recht, Burding, Ontonio, 1925 (1955). Road, Sudbury, Ontario, P3E 685.

Work Type	Units of work Depending on the type of work, list the number of hours/day worked, metres of dritting, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
GridCutting	16.2 Km 0	270 Km	4374. oc
Supervision	5 man Days	150/Day	750.0
Brewie Geophysics	16.2 Km	2101Km	3402 0
Scounvision	3 man Days	150/Day	450.0
Prospecting	10 mandays	150/Jay	1500.0
Assay	24 samples	33.90/semple	813.6
Assay	7 samples	18.00/somab.	126.0
Associated Costs (e.g. sup	plies, mobilization and demobilization).		
			·
Tran	sportation Costs		
Transportation	x 5 Days	10.00 / Day	50.00
Food a	and Lodging Costs		
	Total Va	lue of Assessment Work	\$0 1465.6

Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK	x 0.50 =	\$0	Total \$ value of worked claimed.

Note:

-

Work older than 5 years is not eligible for credit. A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for Minister may reject 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.

Certification verifying costs:

1. Murray D. Simpson ..., do hereby certify, that the amounts shown are as accurate as may reasonably nt fuil ru

be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying

MINING WVISION Am authorized to make this certification. recorded holder Declaration of Work form as _

NOV 6 2000

133734 ED

LANCERLAKE

RECEIVED
NOV 0 7 2000
GEOSCIENCE ASSESSMENT

Munay D.S. Nov, 16 / 2000

Ministry of Northern Development and Mines

March 14, 2001

MURRAY D SIMPSON GENERAL DELIVERY LATCHFORD, ONTARIO P0J-1N0 Ministère du Développement du Nord et des Mines



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

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

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

Dear Sir or Madam:

Submission Number: 2.20688

Status W0080.00415 Approval After Notice

Subject: Transaction Number(s):

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

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

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

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

Yours sincerely,

fucille Jerome

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

Correspondence ID: 15769 Copy for: Assessment Library

Work Report Assessment Results

2.20688 Submission Number: Date Correspondence Sent: March 14, 2001 Assessor: BRUCE GATES Transaction **First Claim Approval Date** Township(s) / Area(s) Number Number Status GILLIES LIMIT (N.) **Approval After Notice** March 05, 2001 W0080.00415 1225263 Section: 14 Geophysical VLF 14 Geophysical MAG 17 Assays ASSAY The requested revisions for this submission, as outlined in the 45 Day Notification dated January 19, 2001 have not been received within the time period

Accordingly, assessment work credit for this submission has been reduced to \$8,758.00. Assessment work credit has been approved as outlined on the attached Distribution of Assessment Work Credit sheet.

Correspondence to:

Resident Geologist Kirkland Lake, ON

specified.

Assessment Files Library Sudbury, ON **Recorded Holder(s) and/or Agent(s):** MURRAY D SIMPSON LATCHFORD, ONTARIO

Distribution of Assessment Work Credit

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

Date: March 14, 2001

Submission Number: 2.20688

Transaction Number: W0080	00415	
Claim Number	Value C	of Work Performed
1225263		8,162.00
1225262		596.00
	Total: \$	8,758.00

