Report on the Exploration Program

Project 1075728

2.30798

BMA 536882 / NTS 53H/9

Ivan Anderson

Douglas Parker

October 2005

Table of Contents

INTRODUCTION:

Project 1075728 consists of one unpatented claim (TB 1075728) located in BMA 536882 / NTS 53H/9.

The area is located within the Kasabonika-Shibogama Greenstone Belt and along the western extension of the North Kenyon Fault. This greenstone belt is the extension of the stratigraphy that hosts the base metal discoveries in the McFaulds Lake area. This fault structure is widely viewed as being genetically related to the diamond-bearing kimberlites of the Kyle and Victor Properties.

Base metal occurrences, including massive sulphides, have been identified by local prospectors in the area of the property (pers. com. Eno H. Anderson).

The subject property represents one of the first claims to be staked in the area.

The property is virtually unexplored and demonstrates significant potential for hosting base metal mineralization.

Project 1075728 explored the mineral potential of this area with a program of humus geochemistry. Analysis returned anomalous Fe, Ni, Cr, and Zn in some samples. Elevated metals in humus correlate well with the strike extension of a known gabbro-hosted Cu-Au bearing shear zone and may indicate a 250m strike extension of this favourable gabbro host.

LOCATION:

The project is located approximately 24 km northeast of the community of Kasabonika in the Thunder Bay Mining Division of northwestern Ontario.

AREA: BMA 536882
NTS: 53/H9
UTM nad83: 413950E, 5943050N

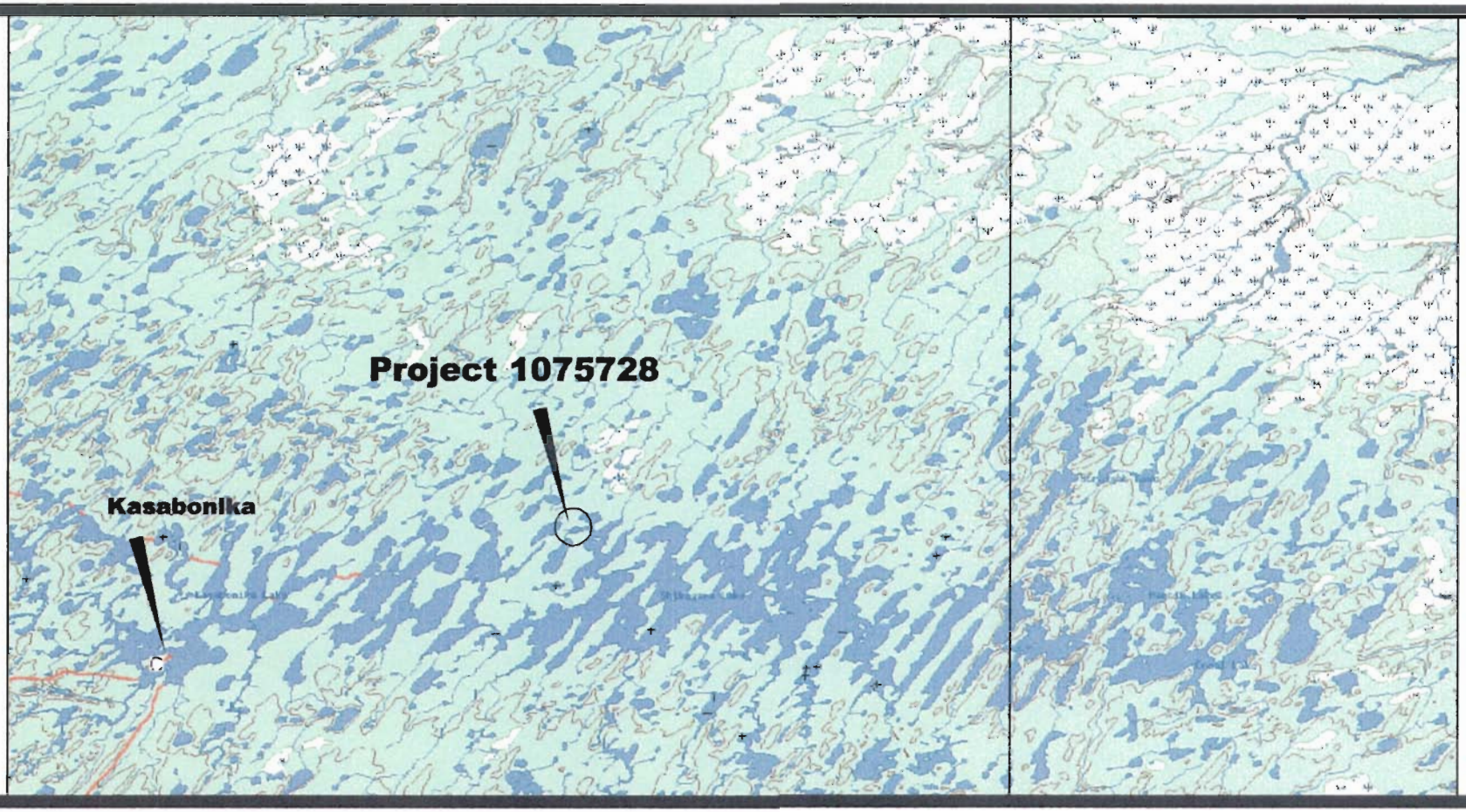
ACCESS:

Access is best achieved by boat or floatplane on Shibogama Lake or by helicopter from the airport located at Kasabonika.

PROPERTY:

The property consists of one unpatented mining claim (TB 1075728) comprising 10 units approximately 160 ha in area. (See Claim Map)

Project 1075728 Property Disposition

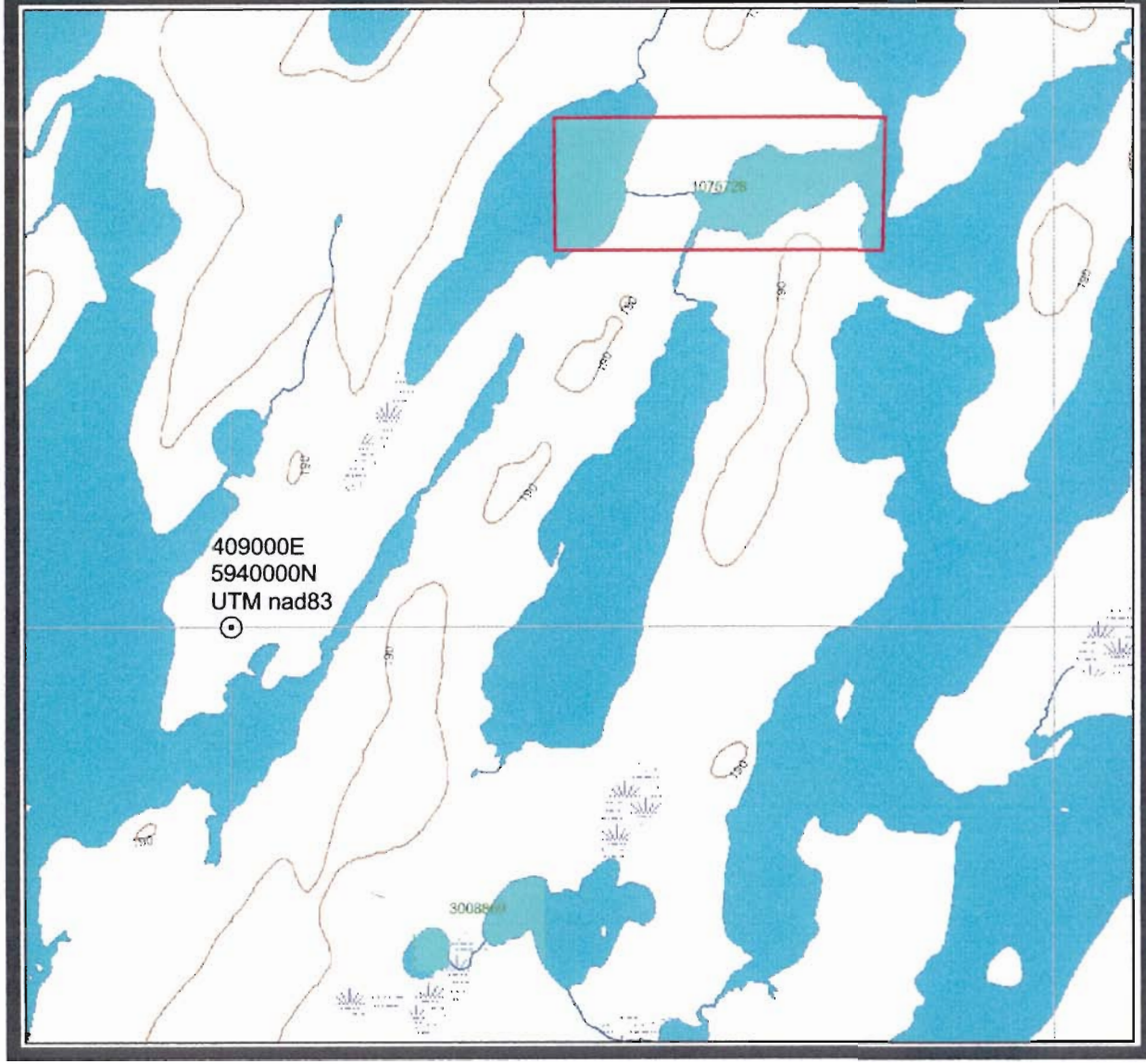


0 kilometres 20

D'Silva Parker Associates
September 2005

Project 1075728

Claim Map



KASABONIKA FIRST NATION

BMA 536882

53H/9

Thunder Bay Mining Division

0 metres 1600

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September 2005

PREVIOUS WORK:

A review of the assessment files failed to identify records of previous exploration by industry.

Government mapping and airborne geophysical surveys cover the project area. Government mapping includes Report 193 Geology of the Winisk Lake Area by Thurston et al 1979 and Aeromagnetic Series maps by Ontario Department of Mines and Geological Survey of Canada 1965 to 1968.

Prospecting by Eno H. Anderson along the shoreline of Shibogama Lake, in the central part of this property, identified chalcopyrite mineralization within cherty rocks or quartz veins striking parallel to regional stratigraphy (pers.com.).

MNDM Resident Geologist John Mason visited the area in 2002 and described the showing and obtained samples for analysis.

REGIONAL GEOLOGY:

The area is underlain by Archean supracrustal and intrusive terrain of the Sachigo subprovince. Continental-scale (>100km) and regional-scale (>10km) faults are interpreted from magnetic data.

Mafic and felsic volcanic rocks and clastic sediments form a northwest striking band of greenstone.

Eno H. Anderson identified several occurrences of heavy to massive sulphides with anomalous Cu+Zn+Pb in bedrock within 5 kilometres of this property.

REGIONAL BASE METAL MODEL

The Kasabonika-Shibogama area hosts a geological environment that is similar to, and likely genetically related to, the base metal-hosting stratigraphy identified 175 kilometres to the east at McFaulds Lake.

A well-defined model of volcanogenic massive sulphide deposits has been developed that has application to this area and is described as follows from "Discover Prospecting an introductory prospecting manual" available from the Ontario Prospectors Association.

Mineral concentrations in volcanic rocks are formed by the discharge of hot, hydrothermal solutions onto the seafloor. Metal-rich, sulphide minerals precipitate from the solutions and accumulate amongst volcanic and sedimentary rocks. These deposits form disseminated, semi-massive and massive, lens-shaped bodies of volcanogenic massive sulphides (VMS) which are a major source of copper, zinc, lead, silver, gold and minor amounts of tin, cadmium, antimony and bismuth. The typical economic deposit consists of several individual massive sulphide lenses that contain 1 to 10 million tonnes of ore grading 2% to 10% combined Cu, Zn and Pb. The largest deposits contain in excess of 100 million tonnes of ore. Deposits tend to occur in clusters and individual deposits occur within a single, specific sequence of rocks.

Massive sulphide deposits form in areas of underwater volcanic activity where seawater is drawn down through fractures in volcanic rocks and heated by cooling igneous intrusions beneath the

seafloor. The heated seawater circulates through fractures and reacts with the rocks, leaching out metallic elements. Continued heating causes the solutions to circulate upwards along fractures. The solutions eventually pour out into the sea where metallic sulphide minerals precipitate from the solutions on or near the seafloor.

The form of the massive sulphide deposits range from steep-sided cones to flat, tabular, sheets that accumulate in deep water on the flanks of felsic, volcanoes or in topographic depressions. The most common metallic mineral in a massive sulphide lens is pyrite accompanied by pyrrhotite, chalcopyrite, sphalerite and galena. Chalcopyrite content decreases upward and outward from the base of the massive sulphide lens. A thinly bedded unit of iron-rich chert commonly overlies a sulphide deposit and may extend laterally away from the deposit. In some cases, the massive sulphides are spatially associated with magnetite-hematite and pyrite-pyrrhotite iron deposits.

Volcanogenic massive sulphides can be divided into two types: 1) a Zn-Pb-Cu type associated with intermediate to felsic volcanic flows, felsic quartz-and quartz-feldspar porphyries, felsic pyroclastic rocks and fine-grained sedimentary rocks; and 2) a Cu-Zn type associated with mafic, volcanic flows and fine-grained sedimentary rocks (Lydon 1984). Deposits of the Cu-Zn type occur where the rocks below the deposit consist of mafic volcanic rocks or their direct sedimentary derivatives, whereas deposits of the Zn-Pb-Cu type occur where the rocks below the deposit consist of felsic volcanic rocks or fine-grained, shaly sedimentary rocks.

Massive sulphide deposits are commonly underlain by a wide and extensive alteration zone found in rocks that lie below the ore body (footwall rocks). Hot solutions that deposited the sulphides on the seafloor circulated through the rocks and chemically changed them by adding or removing elements during vigorous chemical reactions that occurred between the rocks and the solutions. Most footwall rocks beneath a massive sulphide lens are enriched in magnesium (Mg), iron (Fe), silicon (Si), potassium (K), copper (Cu) and zinc (Zn) and depleted in sodium (Na) and calcium (Ca). The altered rocks contain large amounts of minerals that would not normally occur in unaltered rocks, such as chlorite, sericite, biotite, talc, quartz, iron carbonate and disseminated sulphides. If the altered rocks are metamorphosed they may contain unusual concentrations and assemblages of very coarse-grained minerals, such as anthophyllite, kyanite, cordierite, sillimanite, staurolite, garnet, biotite and sericite. The occurrence of such minerals serves as guides to exploration for volcanogenic massive sulphide deposits.

Volcanogenic massive sulphide deposits occur across Ontario and are mined at the Kidd Creek Mine at Timmins. Past producers are the Winston Lake Mine near Schreiber; and the Geco Mine at Manitouwadge the South Bay Mine near Red Lake; the Mattabi and Lyon Lake mines near Ignace; and the Temagami Mine at Temagami Lake.

PROPERTY GEOLOGY:

Outcrop exposure is poor in the project area however interpretation of geological and magnetic data indicates that the property is underlain by supracrustal rocks of the Kasabonika-Shibogama Greenstone Belt.

Prospecting by Eno H. Anderson along the shoreline of Shibogama Lake, in the central part of this property, identified chalcopyrite mineralization within cherty rocks or quartz veins striking parallel to regional stratigraphy. Assays of the mineralized rock returned 5% Cu, 30ppm Ag, 467ppb Au and elevated Zn and Pb.

John Mason (MNDM Resident Geologist) visited the property in July 2002 and describes the showing as follows: ' the Wolverine Bay Occurrence consists of mineralization associated with a 10 m wide gabbro unit in contact with mafic volcanics, pillowed to massive basalt to the north, and mafic tuff to the south. The entire exposure is approximately 40 m across. The gabbro is coarse-grained, consisting of hornblende (after pyroxene), chlorite (after hornblende) and feldspar. The gabbro is dark green to black, and is highly deformed for most of the 10 m with rare panels or lozenges of less deformed gabbro present. The shear zone strikes 274° AZ and dips subvertically. Deformation is intense and anastomozing at several points along the shoreline. Quartz lenses now occupy permeability created by the deformation event. Azurite (blue), malachite (green), 1-3% chalcopyrite (brassy yellow), and <1% pyrite occur in the quartz vein material. Rare disseminated pyrite occurs in the gabbro.'

RATIONALE:

The project area displays geological similarities to those observed with the VMS mineralization identified at many base metal deposits.

Assays from the property returned assays up to 5% Cu, 30ppm Ag, 467ppb Au and elevated Zn and Pb. Base metal occurrences, including massive sulphides, have been identified by local prospectors in the area of the property.

The subject property represents one of the first claims to be staked in the area.

The property is virtually unexplored and demonstrates significant potential for hosting VMS base metal, magmatic sulphide and possible diamond mineralization.

WORK PROGRAM:

The exploration program consisted of line cutting followed by a humus sampling survey.

Line cutting consisted of 1600 metres in two lines. Lines were oriented north-south and picketed at 25 metre stations.

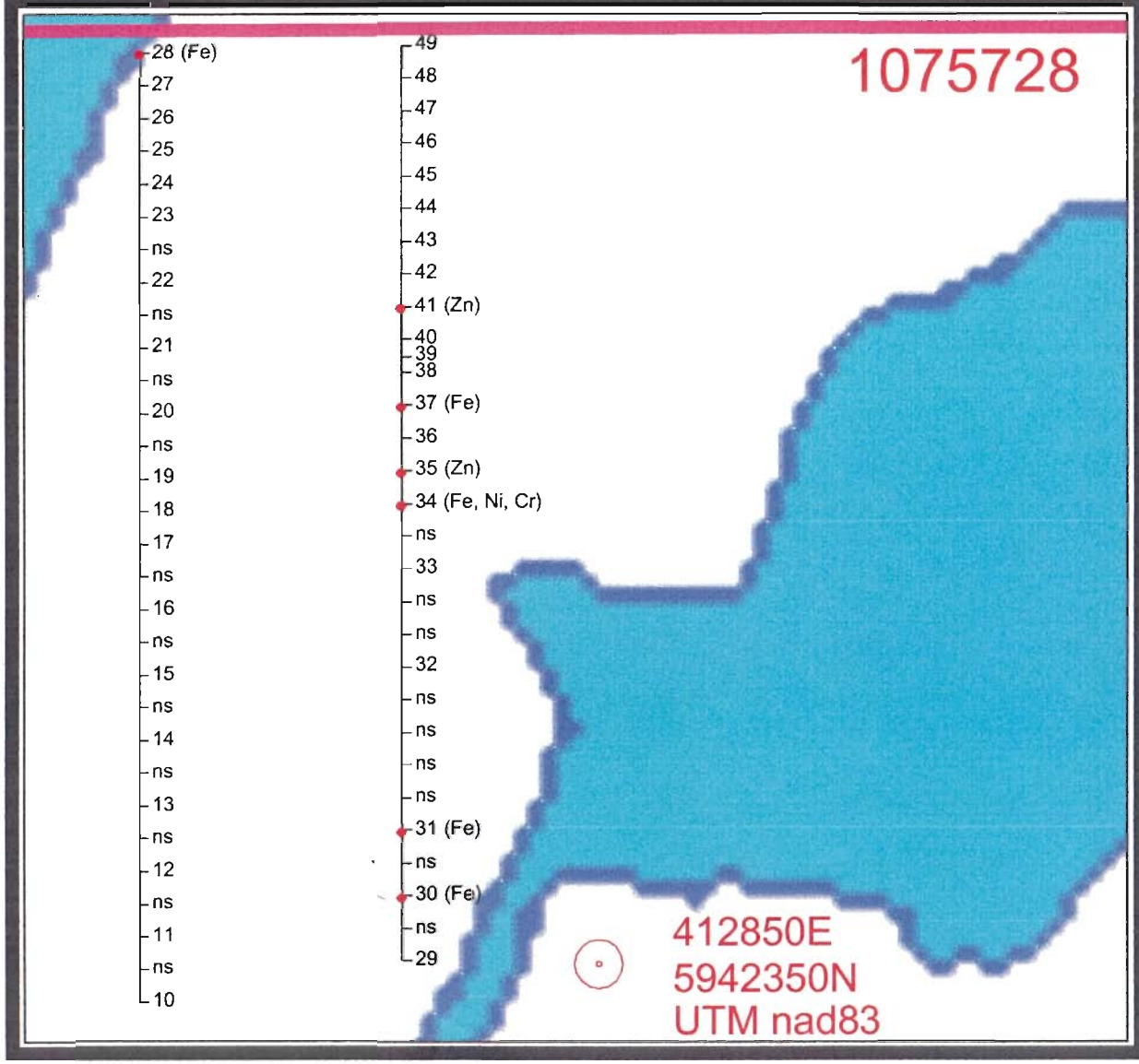
Humus samples were collected where present along the lines. Thick moss, wet conditions and poor soil development resulted in many sample sites being abandoned. A total of 30 samples were collected and analysed for multi-elements.

RESULTS AND INTERPRETATION:

Analysis of humus samples returned anomalous Fe, Ni, Cr, and Zn.

Elevated metals in humus correlate well with the strike extension of a known gabbro-hosted Cu-Au bearing shear zone and may indicate a 250m strike extension of this favourable gabbro host.

Project 1075728 Soil Geochemistry



KASABONIKA FIRST NATION

Sample Station

23

24 Sample Number

25

Sample Line

Anomalous Sample

Cr > 8 ppm

Fe > 1000 ppm

Ni > 5 ppm

Zn > 50 ppm

ns No Sample (humus not present)

0 metres 200

N

D'Silva Parker Associates
September 2005

CONCLUSIONS AND RECOMMENDATIONS:

Humus sampling appears to be effective in areas of shallow overburden on the property.

Areas of anomalous metals (particularly Sample site #34 412703E, 5942705N) in this survey should be prospected with a Beepmat with efforts being made to expose bedrock along strike of the known shear zone.

Appendix I

Assay Certificates

Accurassay Laboratories Mineral Assay Division of Assay Laboratory Services Inc.

1046 GORHAM STREET THUNDER BAY, ONTARIO P7B 5X5 PHONE: (807) 626-1630 FAX: (807) 622-7571 EMAIL: assay@accurassay.com WEB: www.accurassay.com

Certificate of Analysis

Thursday, September 01, 2005

Parker, Doug
365 Lark St.
Thunder Bay, ON, CA
P7B1P4
Ph#: (807) 345-3860
Fax#: (807) 345-3860
Email

Date Received : 29-Jul-05
Date Completed : 31-Aug-05
Job # 200541248
Reference :
Sample #: 82 Humus

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
86145	1	<5	<15	10	
86146	2	<5	<15	<10	
86147	3	<5	<15	<10	
86148	4	<5	<15	<10	
86149	5	<5	<15	<10	
86150	6	<5	<15	<10	
86151	7	<5	<15	<10	
86152	8	<5	<15	<10	
86153	9	<5	<15	<10	
86154	10	<5	<15	<10	
86155 Check	10	<5	<15	<10	
86156	11	<5	<15	<10	
86157	12	<5	<15	<10	
86158	13	<5	<15	<10	
86159	14	<5	<15	<10	
86160	15	<5	<15	<10	
86161	16	<5	<15	<10	
86162	17	<5	<15	<10	
86163	18	21	<15	<10	
86164	19	<5	<15	<10	
86165	20	<5	<15	<10	
86166 Check	20	<5	<15	<10	

PROCEDURE CODES: AL4APP, AL4ICPAR

Certified By:
Derek Demianiuk H.Bsc., Laboratory Manager

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Reference :
Sample #: 82 Humus

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
86167	21	<5	<15	<10	
86168	22	<5	<15	<10	
86169	23	<5	<15	<10	
86170	24	<5	<15	<10	
86171	25	<5	<15	<10	
86172	26	7	<15	<10	
86173	27	10	<15	<10	
86174	28	8	<15	<10	
86175	29	9	<15	<10	
86176	30	5	<15	<10	
86177 Check	30		No Sample		
86178	31	6	<15	<10	
86179	32		No Sample		
86180	33		No Sample		
86181	34	6	<15	<10	
86182	35	6	<15	<10	
86183	36	15	<15	<10	
86184	37	<5	<15	<10	
86185	38	<5	<15	<10	
86186	39	<5	<15	<10	
86187	40	8	<15	<10	
86188 Check	40	<5	<15	<10	

PROCEDURE CODES: AL4APP, AL4ICPAR

Certified By: _____
Derek Demianiuk H.Bsc., Laboratory Manager

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Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
86189	41	<5	<15	<10	
86190	42	<5	<15	<10	
86191	43	<5	<15	<10	
86192	44	<5	<15	<10	
86193	45	<5	<15	<10	
86194	46	<5	<15	<10	
86195	47		No Sample		
86196	48	<5	<15	<10	
86197	49		No Sample		
86198	50	<5	<15	<10	
86199 Check	50	<5	<15	<10	
86200	51	<5	<15	<10	
86201	90	<5	<15	<10	
86202	91	<5	<15	<10	
86203	92	<5	<15	<10	
86204	93	<5	<15	<10	
86205	94	<5	<15	<10	
86206	95	<5	<15	<10	
86207	96	<5	26	<10	
86208	97	<5	20	<10	
86209	98	<5	<15	<10	
86210 Check	98	<5	<15	<10	

PROCEDURE CODES: AL4APP, AL4ICPAR

Certified By: _____
Derek Demianiuk H.Bsc., Laboratory Manager

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Parker, Doug
Date Created: 05-08-12 01:35 PM
Job Number: 200541248
Date Recieved: 7/29/2005
Number of Samples: 82
Type of Sample: Humus
Date Completed:
Project ID:

* The results included on this report relate only to the items tested
* This Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.
*The methods used for these analysis are not accredited under ISO/IEC 17025

Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
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86146	2	<1	0.19	<3	39	175	<1	0.08	<10	2	6	1	0.27	0.05	<1	0.03	<100	<1	0.01	21	635	19	<10	<5	0.02	<10	21	<100	<1	<2	<10	<1	57
86147	3	<1	0.18	<3	40	27	<1	0.22	<10	1	2	<1	0.20	0.04	<1	0.04	<100	<1	0.02	9	757	9	<10	<5	0.02	<10	14	<100	<1	<2	<10	<1	68
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86166	20	<1	0.10	3	41	22	<1	0.75	<10	<1	1	<1	0.09	0.04	<1	0.09	263	<1	0.01	2	442	17	<10	<5	0.01	<10	19	<100	<1	5	<10	<1	18

Certified By:
Derek Demianiuk, H.Bsc.

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Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
86167	21	<1	0.05	<3	32	10	<1	0.20	<10	<1	<1	<1	0.03	0.04	<1	0.04	<100	<1	<0.01	1	328	2	<10	<5	0.01	<10	11	<100	<1	<2	<10	<1	19
86168	22	<1	0.07	3	34	7	<1	0.28	<10	<1	<1	<1	0.06	0.05	<1	0.03	<100	<1	0.01	1	436	12	<10	<5	0.01	<10	9	<100	<1	<2	<10	<1	25
86169	23	<1	0.06	<3	37	11	<1	0.28	<10	<1	<1	<1	0.05	0.04	<1	0.04	<100	<1	0.01	2	391	12	<10	<5	0.01	<10	9	<100	<1	<2	<10	<1	24
86170	24	<1	0.08	<3	35	17	<1	0.11	<10	<1	<1	<1	0.06	0.08	<1	0.03	<100	<1	0.01	2	498	14	<10	<5	<0.01	<10	6	<100	<1	<2	<10	<1	20
86171	25	<1	0.06	<3	34	15	<1	0.27	<10	<1	1	<1	0.05	0.06	<1	0.04	<100	<1	0.01	1	501	11	<10	<5	<0.01	<10	9	<100	<1	<2	<10	<1	25
86172	26	<1	0.06	<3	42	22	<1	0.81	<10	<1	1	<1	0.06	0.05	<1	0.09	<100	<1	0.01	<1	562	11	<10	<5	0.01	<10	19	<100	<1	6	<10	<1	29
86173	27	<1	0.04	<3	40	15	<1	0.57	<10	<1	<1	<1	0.03	0.09	<1	0.07	278	<1	0.01	1	675	8	<10	<5	<0.01	<10	14	<100	<1	4	<10	<1	39
86174	28	<1	0.14	<3	43	18	<1	0.39	<10	<1	4	<1	0.16	0.04	<1	0.06	<100	<1	0.01	2	419	9	<10	<5	0.01	<10	14	106	<1	<2	<10	<1	12
86175	29	<1	0.08	<3	41	19	<1	0.73	<10	<1	1	<1	0.07	0.05	<1	0.06	<100	<1	0.01	1	476	12	<10	<5	0.01	<10	18	<100	<1	5	<10	<1	16
86176	30	<1	0.12	<3	42	19	<1	0.15	<10	<1	2	<1	0.11	0.05	<1	0.03	<100	<1	0.01	1	470	23	<10	<5	0.01	<10	7	<100	<1	<2	<10	<1	21
86177	30	<1	0.12	4	39	19	<1	0.14	<10	<1	2	<1	0.10	0.05	<1	0.03	<100	<1	0.01	1	455	22	<10	<5	0.01	<10	7	<100	<1	<2	<10	<1	21
86178	31	<1	0.06	<3	38	6	<1	0.35	<10	<1	<1	<1	0.04	0.03	<1	0.04	<100	<1	0.01	<1	395	2	<10	<5	0.01	<10	12	<100	<1	<2	<10	<1	30
86179	32	<1	0.04	<3	35	11	<1	0.52	<10	<1	<1	<1	0.03	0.04	<1	0.09	<100	<1	0.01	<1	371	7	<10	<5	<0.01	<10	16	<100	<1	4	<10	<1	21
86180	33	<1	0.32	<3	35	41	<1	0.30	<10	2	8	<1	0.47	0.07	<1	0.07	135	<1	0.01	6	657	12	<10	<5	0.01	<10	16	180	<1	<2	<10	3	31
86181	34	<1	0.06	<3	40	14	<1	0.25	<10	<1	<1	<1	0.06	0.08	<1	0.03	147	<1	0.01	2	612	12	<10	<5	<0.01	<10	8	<100	<1	<2	<10	<1	57
86182	35	<1	0.09	3	40	23	<1	0.32	<10	<1	2	<1	0.08	0.05	<1	0.04	<100	<1	0.01	2	527	17	<10	<5	0.01	<10	11	<100	<1	<2	<10	<1	44
86183	36	<1	0.19	<3	42	55	<1	0.35	<10	<1	2	<1	0.20	0.04	<1	0.03	<100	<1	0.01	2	575	6	<10	<5	0.01	<10	18	<100	<1	<2	<10	<1	16
86184	37	<1	0.10	<3	43	36	<1	0.62	<10	<1	<1	<1	0.08	0.04	<1	0.06	123	<1	0.01	1	533	7	<10	<5	0.01	<10	19	<100	<1	4	<10	<1	35
86185	38	<1	0.06	<3	42	24	<1	0.24	<10	<1	<1	<1	0.05	0.08	<1	0.05	<100	<1	0.01	1	562	13	<10	<5	0.01	<10	10	<100	<1	<2	<10	<1	25
86186	39	<1	0.05	<3	32	6	<1	0.17	<10	<1	<1	<1	0.04	0.05	<1	0.02	<100	<1	0.01	2	483	6	<10	<5	<0.01	<10	8	<100	<1	<2	<10	<1	20
86187	40	<1	0.07	<3	40	19	<1	0.56	<10	<1	1	<1	0.06	0.04	<1	0.07	167	<1	<0.01	2	490	12	<10	<5	0.01	<10	15	<100	<1	4	<10	<1	169
86188	40	<1	0.07	<3	40	18	<1	0.53	<10	<1	<1	<1	0.06	0.04	<1	0.06	153	<1	<0.01	1	472	12	<10	<5	0.01	<10	14	<100	<1	4	<10	<1	45

Certified By:
Derek Demianiuk, H.Bsc.

Laboratories Mineral Assay Division of Assay Laboratory Services Inc.

1046 GORHAM STREET THUNDER BAY, ONTARIO P7B 5X5 PHONE: (807) 626-1630 FAX: (807) 623-6820 EMAIL: assay@accurassay.com WEB: www.accurassay.com

Parker, Doug
Date Created: 05-08-12 01:35 PM
Job Number: 200541248
Date Recieved: 7/29/2005
Number of Samples: 82
Type of Sample: Humus
Date Completed:
Project ID:

* The results included on this report relate only to the items tested
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*The methods used for these analysis are not accredited under ISO/IEC 17025

Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
86189		41	<1	0.07	<3	41	23	<1	0.21	<10	<1	<1	<1	0.07	0.06	<1	0.04	<100	<1	0.01	1	547	13	<10	<5	0.01	<10	7	<100	<1	<2	<10	<1	15
86190		42	<1	0.05	4	36	18	<1	0.37	<10	<1	1	<1	0.05	0.06	<1	0.06	<100	<1	0.01	1	470	11	<10	<5	<0.01	<10	11	<100	<1	2	<10	<1	35
86191		43	<1	0.09	4	39	16	<1	0.19	<10	<1	2	<1	0.08	0.09	<1	0.05	<100	<1	0.01	2	474	19	<10	<5	<0.01	<10	8	<100	<1	<2	<10	<1	16
86192		44	<1	0.04	<3	30	10	<1	0.13	<10	<1	<1	<1	0.04	0.05	<1	0.03	<100	<1	<0.01	<1	462	11	<10	<5	<0.01	<10	7	<100	<1	<2	<10	<1	17
86193		45	<1	0.07	4	38	20	<1	0.47	<10	<1	1	<1	0.06	0.07	<1	0.06	<100	<1	<0.01	1	551	15	<10	<5	0.01	<10	13	<100	<1	3	<10	<1	20
86194		46	<1	0.06	<3	43	7	<1	0.26	<10	<1	<1	<1	0.05	0.05	<1	0.05	<100	<1	0.01	1	459	10	<10	<5	<0.01	<10	9	<100	<1	<2	<10	<1	15
86195		47	<1	0.09	<3	40	31	<1	0.08	<10	<1	1	<1	0.08	0.08	<1	0.04	<100	<1	0.01	1	584	21	<10	<5	<0.01	<10	<5	<100	<1	<2	<10	<1	13
86196		48	<1	0.08	<3	34	49	<1	0.10	<10	<1	1	<1	0.06	0.08	<1	0.03	<100	<1	0.01	1	553	14	<10	<5	0.01	<10	5	<100	<1	<2	<10	<1	13
86197		49	<1	0.06	<3	39	13	<1	0.22	<10	<1	<1	<1	0.04	0.06	<1	0.05	<100	<1	0.02	<1	430	10	<10	<5	<0.01	<10	8	<100	<1	<2	<10	<1	16
86198		50	<1	0.08	<3	27	23	<1	0.14	<10	<1	<1	<1	0.05	0.04	<1	0.03	<100	<1	0.01	<1	503	10	<10	<5	0.01	<10	7	<100	<1	<2	<10	<1	17
86199		50	<1	0.07	<3	34	23	<1	0.13	<10	<1	<1	<1	0.05	0.04	<1	0.02	<100	<1	0.01	1	454	11	<10	<5	<0.01	<10	6	<100	<1	<2	<10	<1	13
86200		51	<1	0.37	<3	36	74	<1	1.51	<10	1	4	15	0.50	0.01	<1	0.14	<100	5	<0.01	8	667	5	<10	<5	<0.01	<10	44	<100	<1	5	<10	3	316
86201		90	<1	0.09	<3	34	23	<1	0.07	<10	<1	<1	<1	0.11	0.04	<1	0.02	<100	<1	0.01	3	502	18	<10	<5	<0.01	<10	6	<100	<1	<2	<10	<1	128
86202		91	<1	0.07	<3	41	32	<1	0.17	<10	<1	1	<1	0.08	0.07	<1	0.03	1364	<1	<0.01	2	723	12	<10	<5	<0.01	<10	5	<100	<1	<2	<10	<1	110
86203		92	<1	0.07	<3	38	45	<1	0.13	<10	<1	1	<1	0.09	0.09	<1	0.04	1280	<1	<0.01	1	975	11	<10	<5	<0.01	<10	7	<100	<1	<2	<10	<1	88
86204		93	<1	0.07	<3	38	45	<1	0.10	<10	<1	1	<1	0.08	0.11	<1	0.05	1005	<1	0.01	2	951	15	<10	<5	0.01	<10	6	<100	<1	<2	<10	<1	107
86205		94	<1	0.26	<3	36	29	<1	1.05	<10	2	4	<1	0.46	0.04	<1	0.10	245	<1	0.01	3	521	4	<10	<5	0.01	<10	31	120	<1	6	<10	2	47
86206		95	<1	0.12	<3	39	16	<1	0.91	<10	<1	1	<1	0.17	0.01	<1	0.06	152	<1	0.01	3	453	3	<10	<5	<0.01	<10	26	<100	<1	6	<10	<1	50
86207		96	<1	0.06	<3	41	18	<1	0.35	<10	<1	<1	<1	0.07	0.07	<1	0.05	347	<1	0.01	2	597	14	<10	<5	<0.01	<10	15	<100	<1	3	<10	<1	43
86208		97	<1	0.07	<3	41	36	<1	0.15	<10	<1	1	<1	0.07	0.15	<1	0.04	621	<1	<0.01	1	785	12	<10	<5	<0.01	<10	8	<100	<1	<2	<10	<1	56
86209		98	<1	0.05	<3	43	37	<1	0.21	<10	<1	<1	<1	0.05	0.11	<1	0.04	191	<1	<0.01	1	717	16	<10	<5	<0.01	<10	11	<100	<1	<2	<10	<1	52
86210		98	<1	0.05	<3	36	35	<1	0.20	<10	<1	<1	<1	0.05	0.10	<1	0.03	175	<1	<0.01	1	670	15	<10	<5	<0.01	<10	10	<100	<1	<2	<10	<1	49

Certified By:
Derek Demianiuk, H.Bsc.

Appendix IV

Statement of Qualifications

I, Douglas P. Parker do hereby certify:

I am a resident of 365 Lark Street, Thunder Bay, Ontario, P7B 1P4.

I am a graduate of Lakehead University, Thunder Bay, Ontario with an Honours B.Sc. Degree in Geology (1985) and a Certificate in Environmental Assessment (1995). I am a graduate of Confederation College with a Diploma in Environmental Engineering Technology (1995).p

I have been employed as a geologist with government and industry since 1985.

I have no interest nor do I expect to receive any interest, either directly or indirectly, in the properties that are the subject of this report.

Douglas P. Parker

OCTOBER 2005

Date