SUMMARY TECHNICAL REPORT
KAKAGI-SCHISTOSE LAKE PROJECT
KENORA MINING DIVISION
NTS 52F4 NE

MICHAEL E. CHUTE

JUNE 24, 1984

MICHAEL E. CHUTE AND ASSOCIATES
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LOCATION AND ACCESS

The project area (Figure 1) is located in the Kenora Mining Division, 22 kilometers east of Nestor Falls. The area is accessible by the Pipestone-Trilake road which begins 5 kilometers north of Nestor Falls on Highway 71. Permits to use this road are required and are available from the Ministry of Natural Resources, Kenora. Travel within the area is facilitated by numerous skidder roads.

CLAIM GROUP AND STATUS

The property consists of claim numbers 1161620, 1161621 and 1161622 (Figure 2) and contains 36 standard 16 hectare units. The property was staked between July 18-21, 1993 by Michael E. Chute (Licence No. H12896). The claims were recorded by him, in his name, on August 9, 1993.

WORK DONE

Work in the field commenced on July 3, 1994 and was completed on August 22, 1994.

Geological Surveys: 12 man days mapping at 1:2400 and 1:120 to determine the character and extent of alteration and mineralization associated with the contact between the Katimiagamak Group and the Kakagi Lake Group.

Stripping/Trenching: 4 man days hand stripping with pick and shovel to expose mineralized zones located during prospecting and geological mapping.

Prospecting: 25 man days traditional prospecting to locate new zones of mineralization. Fifty seven grab samples and 4 continuous chip/channel samples were taken (7220-7280). Assay results are contained in Appendix 1. Sample descriptions are recorded in Appendix 2.

Surveying/Gridding: 4 man days establishing control for datailed geological mapping.

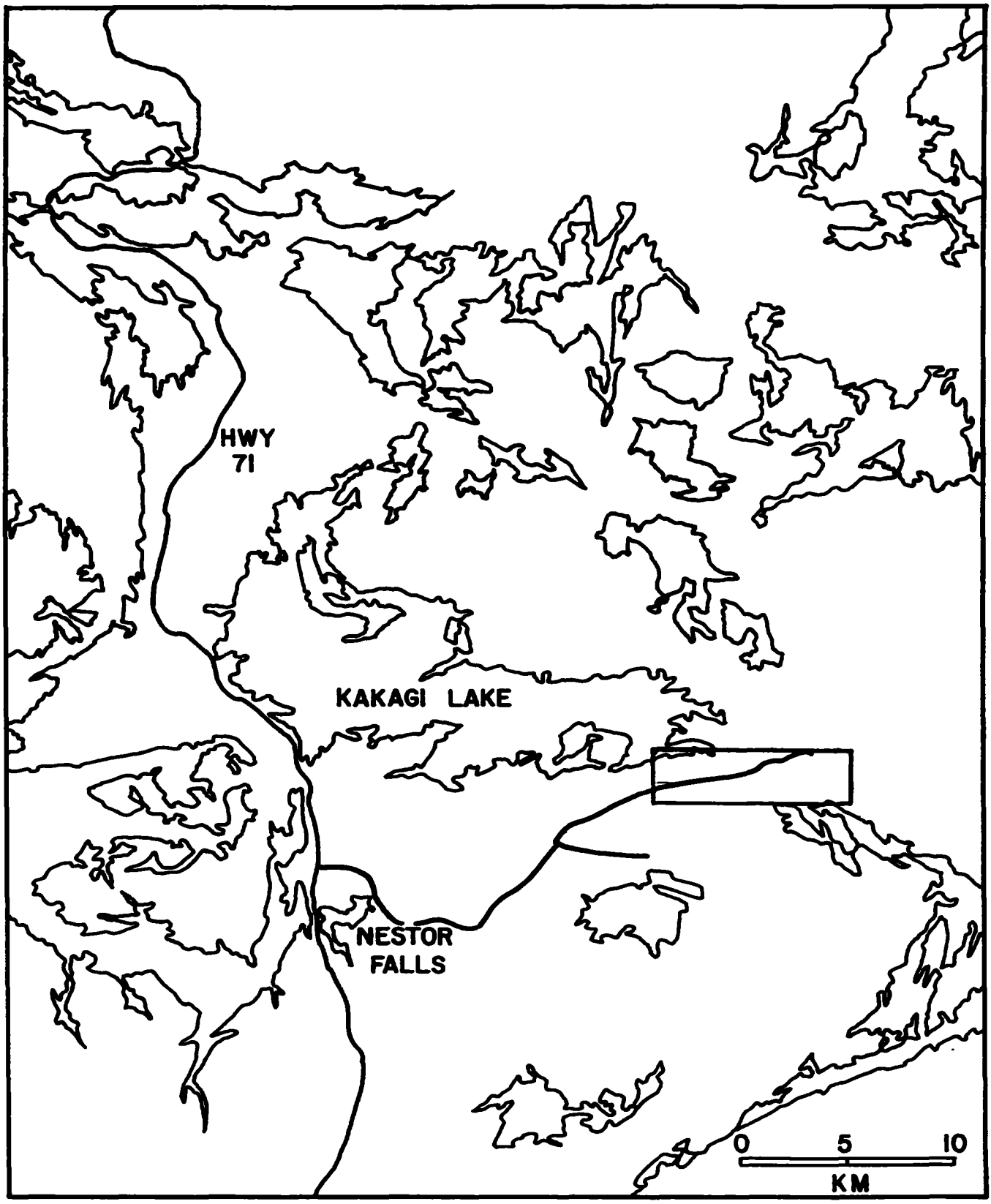

FIGURE 1: Location and Access

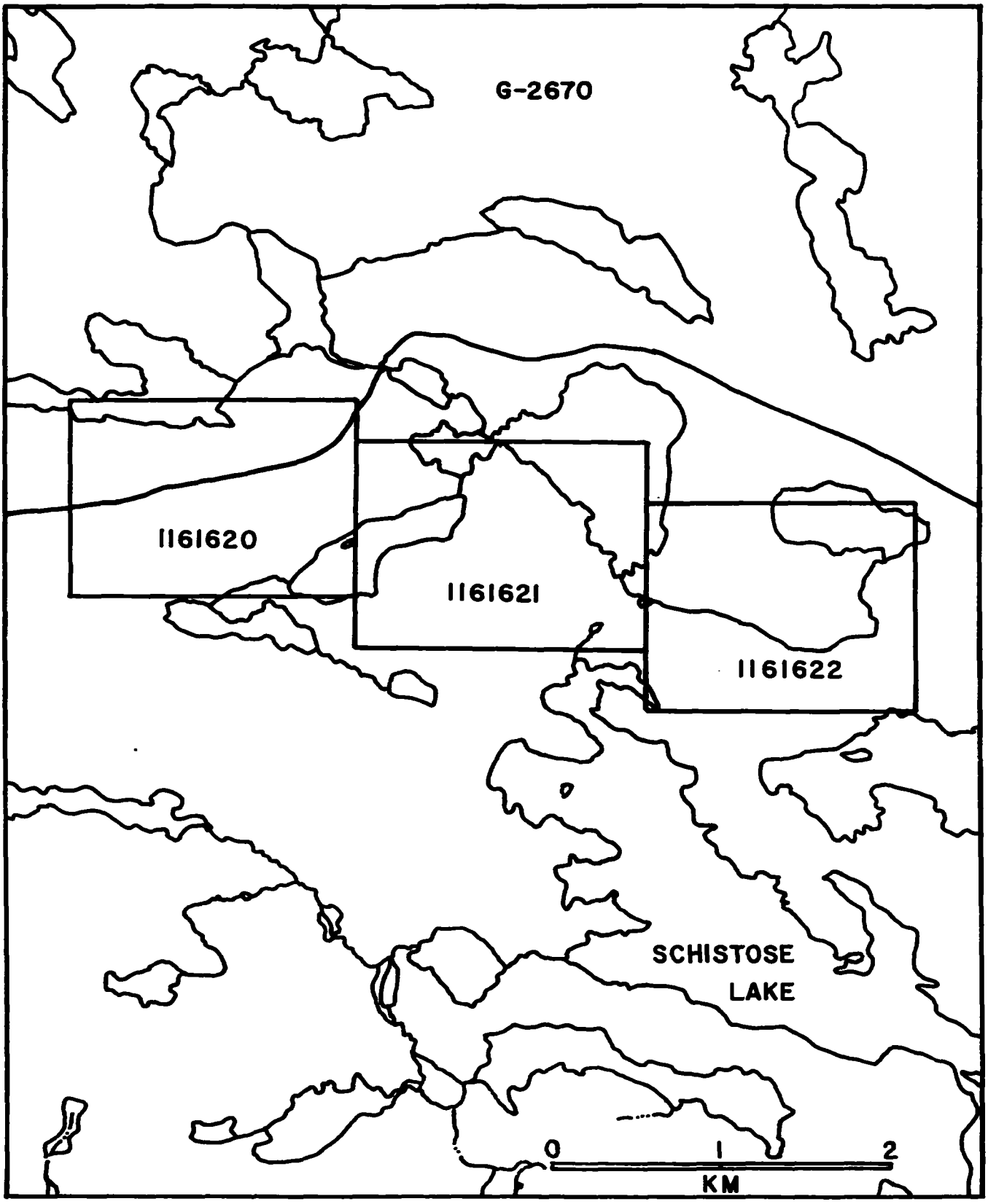

FIGURE 2: Claim Map

SUMMARY OF PREVIOUS EXPLORATION

1956 Kennco Explorations Ltd.

Two diamond drill holes were bored on claims directly west of the claim group. Hole number 6 was drilled to 329 feet and intersected an interbedded sequence of fine grained felsic tuffs and amygdaloidal flows. Minor disseminated and massive pyrite was intersected. Hole number 5 was drilled to a depth of 423 feet and interesected mainly highly carbonated volcanic (?) rocks interbedded with minor tuffs and graphite schists. Mineralization consisted on minor massive and disseminated sulphides. No assay data was reported for either hole.

1975 Hudson Bay Exploration and Development Co Ltd.

Ground horizontal electromagnetic surveys were conducted over airborne electromagnetic anomalies directly west of the present claim group. Two long and six short conductors were indicated and interpreted as having a bedrock source. Diamond drilling was recommended to investigate the anomalies not drilled by CANICO. There is no recorded diamond drilling by CANICO.

1983, 1984 Sherritt Gordon Mines Ltd.

Reconnaissance geological and geochemical surveys were conducted on and adjacent to the southeast corner of the claim group. Lithogeochemical and humus surveys were designed to locate gold mineralization. The best gold values returned from these surveys were 140 and 9 ppb respectively. Detailed statistical analysis of the geochemical data suggested that an area of gold mineralization may exist within 1 kilometer of the southeast corner of the claim group.

1983, 1985 Jalna Resources Ltd.

Three geological reconnaissance traverses were conducted over the claim group. No significant assay results were obtained from the three samples taken. An airborne electromagnetic , VLF electromagnetic and magnetic survey was conducted over claim 1161621 as part of a larger survey of the Pipestone and Schistose Lake area. No significant results were reported claim 1161621.

1987 Noranda Exploration Co. Ltd.

Airborne magnetic, VLF electromagnetic and radiometric surveys were conducted over claims 1161621, 1161622 and the southeastern corner of 1161620 as part of a larger survey of the Pipestone and Schistose Lake area. No significant results were reported from these claims.

REGIONAL GEOLOGY

The project area lies within the Kakagi-Rowan Lakes greenstone belt (Blackburn et al. 1991) of the Wabigoon Subprovince (Figure 3). The area is underlain by the Katimiagamak Group and Kakagi Lake Group (Johns 1985).

PROPERTY GEOLOGY (Figures 3, 4)

Katimiagamak Group

The Katimiagamak Group consists mainly of pillowed and massive aphyric flows with minor amygdaloidal and plagioclase megaphyric flows. Subvolcanic gabbro and leucogabbro sills, up to 100 metres in thichness, intrude the subaqueous flow sequence.

Within the project area pillowed flow units of the Katimiagamak Group are characterized by well developed bun shaped pillows, generally less than 1 metre in diameter. The individual pillows display well developed selveges. Minor interpillow hyaloclastite and mafic tuffs are present. Observed minor mafic flows, interbedded with the pillowed flow units, range in thickess form 0.5 metres to greater than 10 metres.

The mafic rocks are characterized by a medium to dark grey-green weathered surface and a medium to dark green fresh surface. Color index is generally greater than 50. Pillowed flow units altered to carbonate and clinozoisite are light grey on the weathered surface and medium grey to white on the fresh surface and have a color index of 0. Primary pillow structures are well preserved. Pillowed flow units overprinted by intense iron carbonate alteration weather rusty brown to red and are generally characterized by a medium to coarse grain size. Within the iron carbonated pillowed flow units primary structures are well preserved.

Kakagi Lake Group

The Kakagi Lake Group is subdivided into the South Kakagi Lake, East Kakagi Lake, Emm Bay, Cedartree Lake and Stephen Lake formations (Johns 1985). The South Kakagi Lake Formation disconformably overlies the Katimiagamak Group and is conformably overlain by the East Kakagi Lake Formation.

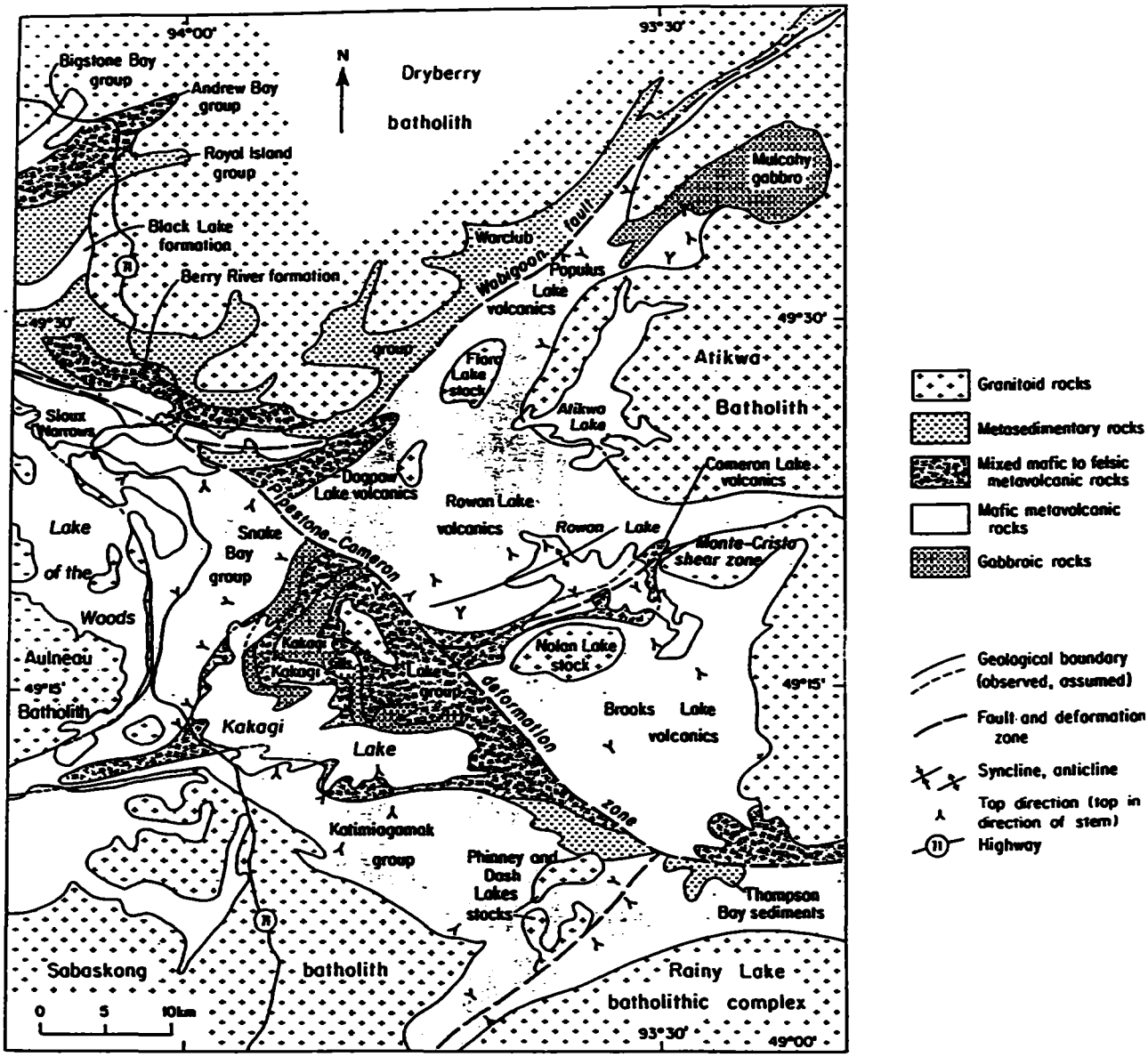

FIGURE 3: Regioal Geology
(Modified after Blackburn et al. 1991)

The South Kakagi Lake Formation consists of two volcanic facies; an epiclastic plus distal facies and a distal plus epiclastic facies (Johns 1985). Both facies contain tuffs, reworked tuffs, cherts/cherty tuffs and arenites. The distal plus epiclastic facies also contains lapilli tuff and ash flow tuff. Within the project area the finer grained volcanic rocks are generally felsic in composition. These rocks are typically light grey or tan and weather grey, tan or white. Bedding thickness ranges between very fine in cherty and siliceous tuffs to massive in medium grained tuffs and finer lapilli tuffs. Minor graphitic beds occur within sequences of cherty and siliceous tuffs.

The East Kakagi Lake Formation consists of two volcanic facies; a distal plus proximal facies and a subvolcanic intrusion plus flow facies (Johns 1985). The distal plus proximal facies consists mainly of tuffs, lapilli tuffs, tuff breccias, ash flow tuffs and intermediate to mafic intrusions. Within the project area the East Kakagi Lake Formation is differentiated from South Kakagi Lake Formation by the presence of coarser lapilli tuffs, lapillistones and tuff breccia. The volcanic breccias range from intermediate to felsic in composition. These breccias are light green, tan, grey or white and weather medium grey, light green or tan. The breccias are compositionally heterolithic with respect to fragment compostion and texture. Within the coarser fragmental units both matrix amd fragment supported breccias were observed. Bedding is typically massive.

Intrusive Rocks

Synvolcanic gabbroic sills within the Katimiagamak Group are prominent within the project area. They range in composition from melanogabbro through leucogabbro to diorite. The sills are dark green to black and weather medium green to dark grey, generally medium grained and difficult to distinguish from massive flows. Disseminated pyrite and pyrrhotite is common. Some sills are locally magnetic. Minor quartz-feldspar porphyry and felsite dikes and/or sills intrude the intermediate to felsic volcanic sequence.

A late regional diabase dike strikes southeast across the western side of the project area.

Structure

The lithostratigraphic units trend easterly across the project area. Within these units bedding trends easterly and is typically vertical to subvertical and faces northerly.

The Pipestone-Cameron Lake fault zone trends northwest and crosses the eastern margin of the project area. A west trending fault zone crosses the central

portion of the project area and is interpreted to be a spay off the Pipestone-Cameron Lake fault zone.

The fault zones are characterized by the development of a pronounced vertical to subvertical foliation and intense iron carbonate alteration.

MINERALIZATION

Four main types of mineralization were observed. They include: disseminated sulphides associated with iron carbonate alteration and silicification; sulphide clast bearing volcanic breccias; sulphide bearing quartz veins; and disseminated sulphides within volcanic breccias and pillowed flow units.

Trilake Road Cu-Zn Showing (Figures 5, 6)

Intensely iron carbonated mafic pillowed flows of the Katimiagamak Group are in sheared contact with felsic tuffs of the South Kakagi Lake Formation. The altered assemblage is locally silicified. Very fine grained disseminated pyrite occurs within the silicified-iron carbonated zones which are developed in narrow zones of more intense shearing. These zones of shearing are accompanied by minor narrow quartz veins which postdate the silicification. Disseminated pyrite occurs as anhedral grains and clots of anhedral grains comprising generally 5% and locally up to 15% of the altered zones. Silicified-iron carbonated mafic volcanics (7250, 7261, 7267, 7276) are anomalous in copper, zinc and arsenic. Values range from 71 to 2720 ppm copper, 138 to 227 ppm zinc and 14 to 289 ppm arsenic.

Massive amorphous limonite (7251-7256, 7273) intruded by clear glassy quartz veinlets occurs as irregular beds(?) within the zone. Assay values range from 25.7 to 2850 ppm copper, 331 to 62300 ppm zinc, 7 to 173 ppm arsenic and <1 to 56 ppb gold.

Three 5 feet continuous chip/channel samples (7258, 7259, 7260) across the main zone average 1130 ppm zinc and 195 ppm copper. Three continuous grab samples (7263, 7264, 7265) across 1 foot of a chalcopyrite bearing zone averaged 2534 ppm copper and 387 ppm zinc. A single grab sample (7261) from the 7259 chip/channel section assayed 2720 ppm copper, 227 ppm zinc, 289 ppm arsenic and 28 ppb gold.

Assay values for copper, zinc, arsenic and gold for iron carbonated and silicified mafic rocks(7222, 7223, 7228, 7229, 7231, 7242-7244, 7249, 7277, 7278), spatially removed from the main showing area, are generally lower than those at the main showing. This is attributed to the more intense alteration and shearing at the Trilake Cu-Zn showing.

The altered zones are intruded by vertical quartz-iron carbonate veins (7020,7221,7224-7226, 7279) in which the iron carbonate has largely been altered to limonite. No sulphides were observed. These veins are barren, gold assays are <1 ppb. Maximum assay values for copper and zinc are 49.6 and 149 ppm respectively. Arsenic values are less than 11 ppm.

Eagle Ridge Zone (Figure 4)

A sequence of intermediate lapilli tuff (7234-7236, 7245-7247) contains up to 5% clastic fragments of pyrite. This sequence defines a stratigraphic horizon which can be followed more than 1500 feet along strike. The sulphide occurs as angular and rounded fragments up to 1cm in diameter. Pyrite fragments are composed of very fine anhedral grains and locally display fine bedding. Minor chert and disseminated pyrite occur within this unit. Trace chalcopyrite was also observed. Copper values range from 24.6 to 246 ppm, zinc values range from 46.2 to 126. Gold values are less than 3 ppb and arsenic values are less than 10 ppm.

Sulphide Bearing Quartz Veins (Figures 5, 7)

Quartz veins are present in all lithologic units.Pyrite bearing quartz veins (7237, 7238) hosted by a sheared, iron carbonated gabbro within the South Kakagi Lake Formation contain weakly anomalous gold values up to 43 ppb and anomalous arsenic values up to 87 ppm.

Disseminated Sulphides (Figures 4, 5, 6)

Disseminated pyrite occurs in all lithologic units. At Sandhill Creek coarse disseminated pyrite and trace chalcopyrite occur within intermediate to felsic tuff breccia. Up to 5% disseminated coarse euhedral pyrite occurs within pillowed flows. Minor interpillow pyrite occurs within the same unit.

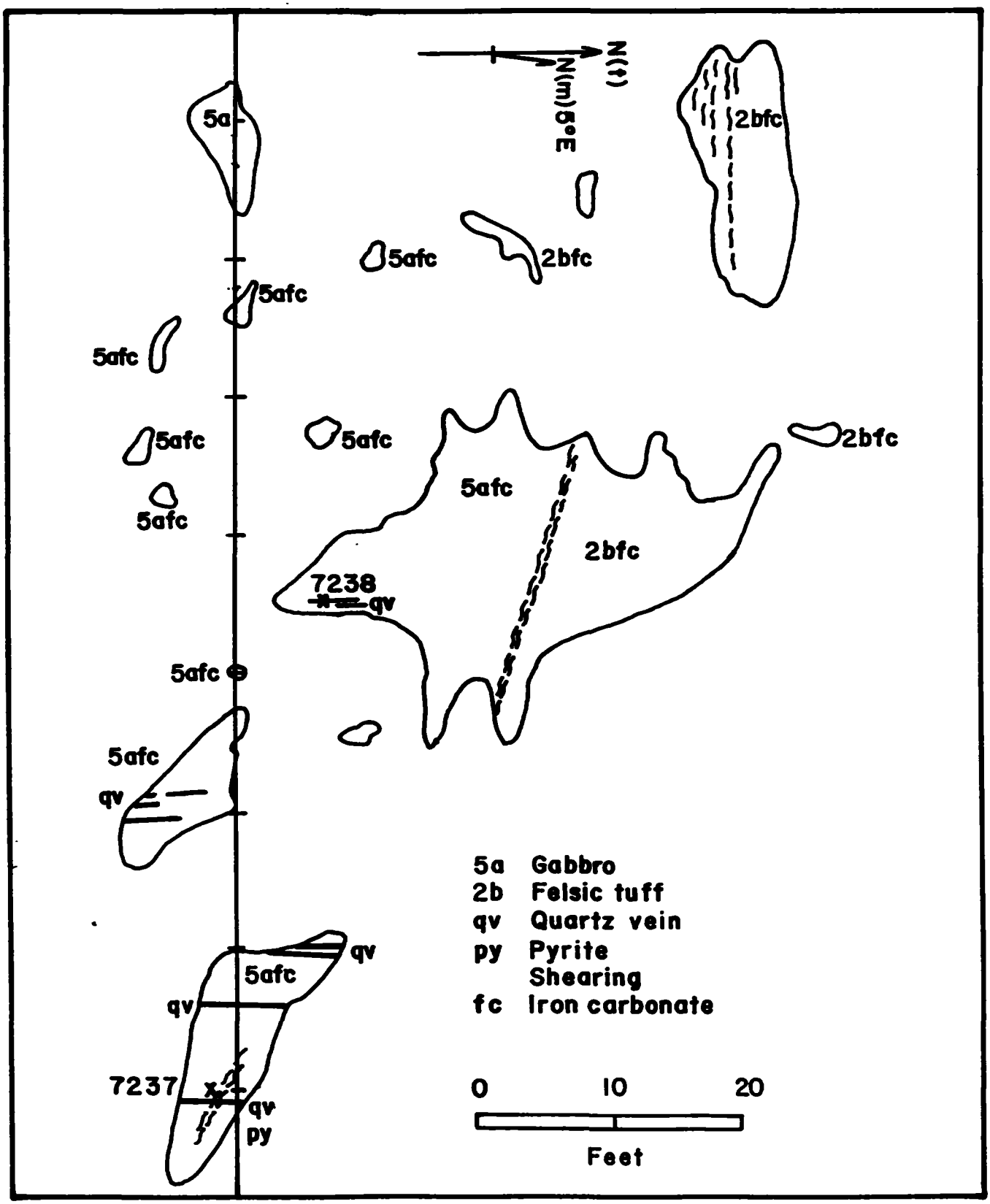

FIGURE 7: SULPHIDE BEARING QUARTZ VEINS

RECOMMENDATIONS

Significant zinc and copper values and associated anomalous gold and arsenic values at the Trilake Road Cu-Zn showing and the associated east trending zone of carbonate alteration warrant further exploration.

Detailed prospecting of the altered fault zone should be continued to the east toward the main Pipestone-Cameron Lake Fault Zone and west toward zones of sulphides associated with carbonated volcanics located by Kennco Explorations Ltd in 1956.

An orientation soil survey should be conducted over the Trilake Road Cu-Zn showing to determine the suitability of this method in this enviornment. If successfull, the zone should be systematically soil sampled.

The significance of the mineralization in relation to its location at the contact between the Katimiagamak Group and the South Kakagi Lake Formation should be evaluated by detailed geologic mapping.

STATEMENT OF QUALIFICATIONS

I, Michael E. Chute, do hereby certify that:

1. I am a graduate of the Nova Scotia Land Survey Institute (1968) with a Certificate in Photogrammetry.

2. I graduated with a Bachelor of Science degree in Geology from Acadia University in 1972.

3. I graduated with a Master of Science degree in Geology from the University of Manitoba in 1977.

4. I have practised my profession for over twenty years.

5. I conducted the field work documented in this report.

6. I am the sole author of this report.

Michael E. Chute, MSc
June 24, 1994

2.8877 Qual.

REFERENCES CITED

Blackburn, C.E., Johns, G.W., Ayer, J. and Davis, D.W. 1991. Wabigoon Subprovince; in Geology of Ontario, Ontario Geological Survey, Special Volume 4, Part 1, p.303-382.

Edwards, G.R. 1975. Pipestone Lake Area, Northern Half, District of Kenora; Ontario Division of Mines, Preliminary Map P.1000, Geological Series, scale 1:15 840

Johns, G.W. 1985. Kakagi Lake-Rowan Lake Regional Geology, District of Kenora; in Summary of Field Work and Other Activities 1985, Ontario Geological Survey, Miscellaneous Paper 126, p.41-46.

APPENDIX 1
ASSAY DATA

XRAL

X-RAY ASSAY LABORATORIES

A DIVISION OF SGS CANADA INC.
1885 LESLIE STREET • DON MILLS, ONTARIO M3B 3J4 • CANADA
TEL: (416)445-5755 TELEX: 06-986947 FAX: (416)445-4152

CERTIFICATE OF ANALYSIS

REPORT 23931

TO: MICHAEL E. CHUTE
1515 CHERRYHILL ROAD
PETERBOROUGH, ONTARIO
K9K 1A7

CUSTOMER No. 2413

DATE SUBMITTED
11-Aug-93

REF. FILE 15704-E4

Total Pages 2

49 ROCKS Proj. N.W. ONTARIO

	METHOD	DETECTION LIMIT
AU-1AT PPB	FADCP	1.
CO PPM	ICP	1.
NI PPM	ICP	1.
CU PPM	ICP	.5
ZN PPM	ICP	.5
AS PPM	FAA	1.
MO PPM	ICP	1.
AG PPM	ICP	.5
CD PPM	ICP	1.
PB PPM	ICP	2.

*** UNLESS INSTRUCTED OTHERWISE WE WILL DISCARD PULPS IN 90 DAYS ***
AND REJECTS IN 30 DAYS FROM THE DATE OF THIS REPORT

DATE 31-Aug-93

CERTIFIED BY .....

Jean H.L. Opdebeeck, General Manager

SAMPLE	AU-1AT PPB	CO PPM	NI PPM	CU PPM	ZN PPM	AS PPM	MO PPM	AG PPM	CD PPM	PB PPM
7220	<1	18	31	15.8	88.4	<1	<1	<.5	1	4
7221	<1	14	17	37.9	146	11	<1	.6	4	2
7222	<1	21	26	31.5	196	11	<1	<.5	5	<2
7223	<1	34	39	82.7	121	4	<1	.5	7	<2
7224	<1	16	35	14.8	73.5	5	<1	<.5	3	<2
7225	<1	28	32	49.6	117	4	<1	1.1	9	<2
7226	4	20	32	35.6	80.9	11	<1	<.5	4	11
7227	<1	65	58	93.5	154	6	<1	.9	10	<2
7228	<1	28	30	85.5	118	4	<1	1.1	11	6
7229	<1	33	27	80.9	132	4	<1	.9	10	<2
7230	<1	13	21	23.6	58.0	<1	<1	<.5	2	<2
7231	<1	31	19	133	1110	6	<1	1.3	21	6
7232	<1	3	9	7.2	20.6	8	<1	<.5	<1	<2
7233	11	26	139	30.9	148	23	<1	.5	6	9
7234	<1	40	41	24.6	81.1	5	<1	.6	5	<2
7235	<1	33	23	72.6	64.2	10	<1	<.5	3	<2
7236	3	42	30	40.2	108	6	<1	.9	5	<2
7237	43	7	6	10.5	5.5	12	<1	<.5	<1	3
7238	14	5	3	15.6	24.2	87	<1	<.5	2	2
7239	<1	17	14	95.4	132	3	<1	.9	6	<2
7240	2	21	34	36.9	115	19	<1	.5	3	23
7241	<1	8	12	13.3	90.0	2	<1	<.5	<1	<2
7250	4	48	35	1240	212	29	<1	1.2	12	5
7251	<1	20	21	164	1860	22	<1	1.0	13	4
7252	<1	21	17	334	1220	20	<1	.8	12	2
7253	<1	9	3	25.7	680	7	<1	1.2	11	8
7254	9	40	40	213	5140	67	<1	1.8	32	14
7255	13	27	28	244	11100	70	<1	1.7	54	16
7256	56	55	49	2850	62300	173	2	3.4	313	42
7257	20	14	9	218	11900	24	<1	1.5	58	16
7258	1	37	44	117	2180	75	<1	.8	15	4
7259	3	63	59	395	1030	61	<1	.7	11	6
7260	4	25	39	74.9	181	49	<1	.8	6	4
7261	28	143	101	2720	227	289	<1	2.7	12	33
7262	<1	11	19	35.5	367	20	<1	<.5	3	<2
7263	5	58	55	4860	268	57	<1	1.3	7	5
7264	5	30	24	1920	595	26	<1	1.2	8	7
7265	4	56	58	824	298	58	<1	.7	7	5
7266	<1	34	39	539	385	29	<1	.6	6	3
7267	<1	64	22	285	138	14	<1	1.2	13	<2
7268	2	30	32	67.2	151	61	<1	1.4	12	10
7269	<1	26	51	49.0	139	72	<1	.9	7	<2
7270	5	57	65	44.5	164	135	<1	1.9	10	17
7271	<1	50	69	61.4	206	125	<1	.8	6	5
7272	1	26	24	51.3	205	76	<1	1.6	13	13

AU-1AT PPB - ASSAY PERFORMED ON 30 GRAM ALIQUOT

SAMPLE	AU-1AT PPB	CO PPM	NI PPM	CU PPM	ZN PPM	AS PPM	MO PPM	AG PPM	CD PPM	PB PPM
7273	10	19	21	60.2	331	58	<1	1.2	12	8
7274	2	15	11	35.0	178	54	<1	1.0	11	15
7275	<1	26	26	52.0	149	59	<1	.8	9	6
7276	4	48	61	71.0	145	182	<1	1.4	12	21
D 7220	--	18	31	16.0	88.0	<1	<1	<.5	1	5
D 7232	--	2	8	7.4	20.0	8	<1	<.5	<1	2
D 7252	--	22	15	340	1250	20	<1	.8	12	3
D 7264	--	30	21	1950	602	27	<1	.7	8	5
D 7274	--	16	12	35.0	180	55	<1	1.3	10	13

AU-1AT PPB - ASSAY PERFORMED ON 30 GRAM ALIQUOT
D - QUALITY CONTROL DUPLICATE

XRAL

X-RAY ASSAY LABORATORIES

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CERTIFICATE OF ANALYSIS

REPORT 24297

TO: MICHAEL E. CHUTE
1515 CHERRYHILL ROAD
PETERBOROUGH, ONTARIO
K9K 1A7

CUSTOMER No. 2413

DATE SUBMITTED
30-Aug-93

REF. FILE 15916-A6

Total Pages 4

12 ROCKS Proj. N.W. ONTARIO

	METHOD	DETECTION LIMIT
AU-1AT PPB	FADCP	1.
BE PPM	ICP	.5
NA %	ICP	.01
MG %	ICP	.01
AL %	ICP	.01
P %	ICP	.01
K %	ICP	.01
CA %	ICP	.01
SC PPM	ICP	.5
TI %	ICP	.01
V PPM	ICP	2.
CR PPM	ICP	1.
MN PPM	ICP	2.
FE %	ICP	.01
CO PPM	ICP	1.
NI PPM	ICP	1.
CU PPM	ICP	.5

	METHOD	DETECTION LIMIT
ZN PPM	ICP	.5
AS PPM	ICP	3.
SR PPM	ICP	.5
Y PPM	ICP	.1
ZR PPM	ICP	.5
MO PPM	ICP	1.
AG PPM	ICP	.1
CD PPM	ICP	1.
SN PPM	ICP	10.
SB PPM	ICP	5.
BA PPM	ICP	1.
LA PPM	ICP	.5
TA PPM	ICP	1.
W PPM	ICP	10.
PB PPM	ICP	2.
BI PPM	ICP	3.

*** UNLESS INSTRUCTED OTHERWISE WE WILL DISCARD PULPS IN 90 DAYS ***
AND REJECTS IN 30 DAYS FROM THE DATE OF THIS REPORT

DATE 26-Oct-93

CERTIFIED BY .....
Jean H.L. Opdebeeck, General Manager

SAMPLE	AU-1AT PPB	BE PPM	NA %	MG %	AL %	P %	K %	CA %	SC PPM
7242	7	2.3	.05	1.48	.85	.03	.02	7.83	18.9
7243	<1	.9	.06	.93	1.02	.03	.02	3.99	5.3
7244	<1	1.4	.06	1.32	.55	.03	.07	7.14	13.0
7245	<1	.7	.21	1.19	1.68	.03	.13	3.52	1.7
7246	<1	2.4	.04	2.06	5.06	.04	.02	3.91	23.3
7247	18	.9	.09	1.56	2.09	.03	.09	2.79	10.0
7248	<1	<.5	.07	.29	.50	.04	.25	1.47	<.5
7249	2	2.1	.05	1.72	3.76	.04	.03	5.35	24.1
7277	<1	2.6	.04	2.29	4.93	.05	.02	5.32	37.7
7278	<1	3.5	.05	2.44	1.37	.04	.03	4.45	28.5
7279	1	1.5	.02	1.44	.14	<.01	<.01	12.4	41.1
7280	41	2.8	.02	4.57	.89	<.01	<.01	8.05	27.1
D 7242	--	2.3	.06	1.51	.86	.03	.02	7.99	19.1

AU-1AT PPB - ASSAY PERFORMED ON 30 GRAM ALIQUOT
D - QUALITY CONTROL DUPLICATE

SAMPLE	TI %	V PPM	CR PPM	MN PPM	FE %	CO PPM	NI PPM	CU PPM
7242	<.01	106	36	4320	15.7	49	53	51.0
7243	<.01	64	221	1200	5.54	24	58	26.5
7244	.04	90	76	3140	9.03	24	39	49.9
7245	<.01	16	113	1420	4.01	11	12	26.6
7246	<.01	218	69	5490	16.1	35	51	72.1
7247	<.01	101	127	1320	4.82	77	68	246
7248	<.01	4	99	305	1.19	5	5	15.0
7249	<.01	206	53	3040	14.4	45	54	93.3
7277	<.01	293	63	2620	17.3	44	75	211
7278	<.01	163	32	6400	24.0	42	61	54.6
7279	<.01	24	123	3260	10.6	18	13	3.8
7280	<.01	102	20	4240	19.3	19	35	59.4
D 7242	<.01	107	36	4380	15.9	49	54	51.7

D - QUALITY CONTROL DUPLICATE

SAMPLE	ZN PPM	AS PPM	SR PPM	Y PPM	ZR PPM	MO PPM	AG PPM	CD PPM
7242	153	9	74.7	5.4	5.7	<1	.8	4
7243	72.3	<3	50.5	2.4	5.1	<1	<.1	1
7244	63.3	<3	61.4	4.0	7.1	<1	.5	2
7245	46.2	<3	51.4	2.2	7.4	<1	.2	<1
7246	126	<3	53.5	4.3	4.9	<1	1.1	3
7247	52.8	<3	30.1	2.8	3.0	<1	.3	<1
7248	25.1	<3	161	2.6	8.7	1	.4	<1
7249	152	<3	42.2	3.8	4.2	<1	.8	3
7277	143	<3	47.6	6.8	4.0	<1	.5	4
7278	164	<3	70.7	7.0	5.7	<1	1.3	6
7279	47.3	<3	148	9.9	2.2	<1	.3	3
7280	207	<3	66.9	5.7	4.7	1	1.3	5
D 7242	156	12	75.8	5.5	4.7	<1	.6	4

D - QUALITY CONTROL DUPLICATE

SAMPLE	SN PPM	SB PPM	BA PPM	LA PPM	TA PPM	W PPM	PB PPM	BI PPM
7242	<10	<5	10	11.7	3	<10	3	13
7243	<10	<5	17	6.1	2	<10	<2	6
7244	<10	<5	26	10.5	<1	<10	4	3
7245	<10	<5	16	8.1	2	<10	<2	4
7246	<10	<5	38	13.4	3	<10	<2	10
7247	<10	<5	26	6.7	2	<10	<2	<3
7248	<10	<5	77	16.3	1	<10	3	<3
7249	<10	<5	7	11.0	1	<10	<2	12
7277	<10	<5	5	12.8	5	<10	<2	12
7278	<10	<5	12	17.5	8	<10	3	15
7279	<10	<5	3	7.3	1	<10	3	8
7280	<10	<5	6	13.5	4	<10	3	15
D 7242	<10	<5	11	11.3	2	<10	4	14

D - QUALITY CONTROL DUPLICATE

APPENDIX 2
ASSAY SAMPLE DESCRIPTIONS

7220
Quartz vein, milky white, chloritic slickensided surfaces
25% amorphous limonite
No visible sulphides
Weakly sheared

7221
Quartz vein, milky white, chloritic slickensided surfaces
10% amorphous limonite
40% coarse orange-white carbonate
No visible sulphides, weakly sheared

7222
Limonitic crust on medium grained orange-white carbonate
Trace fine grained pyrite
5% clear glassy quartz veining up to 5mm wide, no sulphides
Weakly sheared

7223
Mafic volcanic, light grey-green, fine to medium grained
Minor quartz flooding with trace fine grained pyrite
Thin limonitic crust
Weakly to moderately sheared

7224
Massive quartz-chlorite-limonite
20% massive milky white quartz veining
No visible sulphides
Weakly sheared

7225
Mafic volcanic, grey-green, medium grained
Limonitic amorphous crust with milky white quartz veining
4% very fine grained disseminated pyrite, anhedral
Massive

7226
Quartz vein, milky white, massive
10% amorphous dark brown limonite
20% carbonate, grey, very fine grained, chloritic stringers
No visible sulphides

7227
Brecciated carbonate with dark green chloritic matrix
Localized grey quartz flooding
5% very fine grained disseminated pyrite in quartz
Minor pyrite stringers, trace chalcopyrite

7228
Chlorite-white carbonate, fine to medium grained
Quartz flooding
3% very fine grained disseminated pyrite
Part of sample similar to 7227

7229
Mafic volcanic, fine to medium grained, chloritic
Minor quartz flooding and quartz veining
2% very fine grained pyrite in quartz flooding
Minor iron carbonate, locally hematitic, sheared

7230
Massive quartz-chlorite-carbonate, medium grained
Intruded by massive clear to milky quartz veining
10% amorphous limonite
2% fine to medium grained pyrite clots

7231
Mafic volcanic, fine grained, grey-green carbonate
Coarse orange-white carbonate veining
Minor quartz flooding with 2% very fine grained pyrite
5% pyrite stringers with fine acicular tourmaline

7232
Massive orange-white carbonate
Intruded by clear glassy-white quartz veining
No visible sulphides
No amorphous limonite

7233
Siliceous cherty tuff, fine grained
2% fine grained disseminated pyrite
Fine bedding
Sheared

7234
Intermediate lapilli tuff
3% sulphide fragments
2% very fine grained disseminated pyrite
Minor iron carbonate

7235
Intermediate lapilli tuff
3% fine to medium grained disseminated pyrite
Massive
Not sheared

7236
Intermediate lapilli tuff with limonitic crust
Quartz flooding
5% fine grained disseminated pyrite
10% coarse pyrite fragments, minor pyrite stringers

7237
Milky white quartz vein with anastomosing fractures
Limonitic iron carbonate in fractures, hematitic
2% disseminated pyrite
Trace chalcopyrite, malachite

7238
Milky white quartz vein with limonitic fractures
5% disseminated pyrite
Minor pyrite clots
Trace chalcopyrite, malachite

7239
Mafic volcanic tuff
Weakly silicified
2% fine grained disseminated pyrite
Trace chalcopyrite

7240
Intermediate to felsic tuff, light green
Minor limonitic staining
5% disseminated pyrite and pyrite fragments
Trace chalcopyrite

7241
Felsic tuff, fine to medium grained, light blue-green
2% disseminated pyrite
Minor rounded pyrite grains
Minor limonite

7242
Brecciated mafic volcanic, light grey fresh surface
Iron carbonated, minor quartz veinlets
Quartz flooding with 2% disseminated pyrite and clots
Sheared, minor pyrite stringers

7243
Iron carbonated mafic volcanic, chloritic
Quartz-chlorite-iron carbonate veining
Trace pyrite
Weakly limonitic

7244
Mafic volcanic, highly iron carbonated, fine grained
Minor silicification and quartz veining
3% pyrite stringers in mafic volcanic
Massive

7245
Intermediate lapilli tuff with chert lapilli
Light grey-tan weathered surface, light grey fresh surface
5% pyrite as ash and lapilli sized fragments
Minor pyrite as fine grained disseminations and clots

7246
Intermediate lapilli tuff
Thick limonitic crust, light grey-green fresh surface
3% pyrite lapilli, angular and rounded
2% fine grained disseminated pyrite, trace chalcopyrite

7247
Intermediate lapilli tuff, light grey fresh surface
Weakly silicified, chloritic
4% disseminated fine grained pyrite, minor pyrite clots
2% fine grained chalcopyrite

7248
Felsic lapilli tuff, light yellow-green fresh surface
Minor quartz veining
2% disseminated fine to medium grained pyrite in tuff
Highly sheared

7249
Highly iron carbonated mafic volcanic, medium grained
Sheared, brecciated, limonitic crust
4% disseminated fine grained pyrite and stringers
Trace silicification

7250
Brecciated, limonitic carbonate with quartz flooding
Minor quartz veinlets
7% disseminated pyrite associated with quartz flooding
Minor pyrite clots and stringers, 2% chalcopyrite

7251
Amorphous limonite
10% clear glassy quartz stringers
No visible sulphides
Massive

7252
Similar to 7250 with edges similar to 7251
3% total disseminated pyrite
Trace chalcopyrite
Sulphides similar to sample 7250

7253
Similar to 7252 with 50% white massive quartz veining
No sulphides in quartz veining
3% very fine grained disseminated pyrite
Trace chalcopyrite

7254
Amorphous limonite with 20% glassy quartz veining
10% anhedral pyrite clots in limonite adjacent to quartz
No sulphides in quartz veining
Massive

7255
Grey-white carbonated vein/dike
10% very fine grained anhedral disseminated pyrite in clots
10% grey quartz microveining, no sulphides
Limonitic

7256
Amorphous limonite
15% clear glassy quartz veining up to 10mm wide
10% anhedral clots of pyrite in limonite
Massive

7257
Thin limonitic crust on grey-white carbonated vein/dike
5% stringers of very fine grained pyrite
Pyrite associated with zones of quartz flooding
Minor clots of anhedral very fine grained pyrite

7258
Five foot chip/channel sample
Material similar to 7250, 7253-7257
Moderately sheared
Highly limonitic

7259
Five foot chip/channel sample
Material similar to 7261-7265
Moderately sheared
Highly limonitic, trace malachite

7260
Five foot chip/channel sample
Material similar to 7269
Moderately sheared
Limonitic

7261
Highly sheared mafic volcanic, limonitic
Dark green with grey carbonate, silicified
10% very fine grained disseminated pyrite
Malachite staining

7262
One inch wide milky white quartz vein
20% dark brown limonite after hematite
No visible sulphides
Minor chlorite

7263
Dark green chloritic mafic volcanic with quartz-carbonate
10% very fine grained pyrite, 3% disseminated chalcopyrite
Sulphides associated with quartz flooding
Late iron carbonate veining

7264
Carbonated mafic volcanic with 50% grey quartz flooding
15% very fine grained disseminated pyrite
2% very fine grained disseminated chalcopyrite
Minor chlorite, sulphides associated with quartz flooding

7265
Brecciated carbonated fragments in quartz-chlorite matrix
Sulphides associated with quartz flooding
5% very fine grained disseminated pyrite
2% very fine grained disseminated chalcopyrite

7266
Five foot chip/channel sample
Similar to 7261-7265
Moderately sheared
Limonitic, malachite stain

7267
Brecciated carbonated fragments in green quartz matrix
70% carbonated white fragments
Sulphides associated with qrey quartz flooding
5% fine grained anhedral pyrite

7268
Massive grey carbonate partially flooded with quartz
Minor quartz and chlorite veinlets
5% very fine grained disseminated pyrite
Sulphides associated with quartz flooding and chlorite

7269
Brecciated carbonate fragments in grey-green quartz matrix
Limonitic crust, minor coarse chlorite
5% very fine grained disseminated pyrite
Trace chalcopyrite associated with quartz and chlorite

7270
Medium grained carbonated tuff, white-grey fresh surface
50% flooded with quartz, 5% chlorite
10% very fine grained disseminated pyrite
Limonitic, trace chalcopyrite

7271
Similar to 7270
15% very fine grained disseminated pyrite
10% late barren iron carbonate veining
Moderately sheared

7272
Silicified fine grained carbonated tuff
Dark grey quartz flooding
5% very fine grained disseminated pyrite in stringers
Quartz veinlets postdate pyrite stringers

7273
Amorphous limonite
20% clear glassy quartz veining
No visible sulphides
Massive

7274
Grey-white carbonated material flooded with grey quartz
7% very fine grained disseminated pyrite and stringers
Barren late quartz flooding and veining
5% chlorite associated with sulphides

7275
Medium grained carbonated tuff, grey-white fresh surface
Minor quartz flooding with associated pyrite
3% very fine grained disseminated pyrite
Minor quartz and chlorite veinlets

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted Before Recording Claim

Mining Act

Transaction Number: W9410.00082

MINING LANDS

Personal information collected on this form is obtained under the authority o
this collection should be directed to the Provincial Manager, Mining Lan
Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

52F04NE0003 2.15513 BROOKS LAKE

900

Instructions:
- Please type or print and submit in duplica
- Refer to the Mining Act and Regulations f
  Recorder.
- A separate copy of this form must be completed for each Work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s)		Client No.
MICHAEL E. CHUTE		118288
Address		**Telephone No.**
1515 CHERRYHILL ROAD PETERBOROUGH ONT. K9K 1A7		705 741-5804
Mining Division	**Township/Area**	**M or G Plan No.**
KENORA	BROOKS LAKE (SANDHILL LAKE)	G 2670
Dates Work Performed From: JULY 7 1993	To: JULY 21 1993	

Work Performed (Check One Work Group Only)

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	Work Group		Type
	Regional Surveys		
✓	Prospecting	PROSPECTING, DIAMOND DRILLING	

Total Assessment Work Claimed on the Attached Statement of Costs $ 7065

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
MICHAEL E. CHUTE	1515 CHERRYHILL ROAD PETERBOROUGH ONT K9K 1A7

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date	Recorded Holder or Agent (Signature)
	JULY 14, 1994	Michael E Chute

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this work report, having performed the work or witnessed it during and/or after its completion, and the annexed report is true.

Name and Address of Person Certifying

MICHAEL E. CHUTE 1515 CHERRYHILL ROAD PETERBOROUGH ONT K9K 1A7

Telepone No.	Date	Certified By (Signature)
705 741-5804	JULY 14 1994	Michael E Chute

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Total Value Cr. Recorded	Date Recorded	Mining Recorder	Recorded Stamp
		ACT 1996	
	Deemed Approval Date: Oct. 16/94	Date Approved	
	Date Notice for Amendments Sent		

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JUL 18 1994
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

Claim Number	Number of Claim Units	Value of Work Done on Land Subsequently Staked as this Claim	Value Applied to this Claim: From Work Done on Land Subsequently Staked as this Claim	Value Applied to this Claim: From the Allowable 25% of the Survey Costs from Adjacent Crown Land	Value Applied to this Claim: Total Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at Future Date
1161620	12	7065			2355	4710	
1161621	12				2355		
1161622	12				2355		
Total Number of Claims	36	Total Value Work Done on Subsequently Staked Land: 7065			Total Applied: 7065	Total Assigned: 4710	Total Reserve:

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☒ Credits are to be cut back starting with the claim listed last, working backwards.

2. ☐ Credits are to be cut back equally over all claims contained in this report of work.

3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Ministry of Northern Development and Mines
Ontario

Ministère du Développement du Nord et des mines

Statement of Costs for Assessment Credit
État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction: W9410.00082

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain	5200	5200
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type ASSAYING	476.82	
			476.82
Supplies Used Fournitures utilisées	Type TREAD TAPE AIR PHOTOS BAGS	141.82	
			141.82
Equipment Rental Location de matériel	Type BOAT/TRAILER	68.47	
			[illegible]
		Total Direct Costs Total des coûts directs	[illegible]

2. Indirect Costs/Coûts indirects

** Note: When claiming Rehabilitation work indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type AUTOMOBILE	742.17	
			742.18
Food and Lodging Nourriture et hébergement	FOOD/LODGING	407.17	407.17
Mobilization and Demobilization Mobilisation et démobilisation			
		Sub Total of Indirect Costs Total partiel des coûts indirects	1149.35
		Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)	[illegible]
		Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs) Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)	[illegible]

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Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit		Total Assessment Claimed
	× 0.50 =	

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation		Évaluation totale demandée
	× 0,50 =	

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as RECORDED HOLDER (Recorded Holder, Agent, Position in Company) I am authorized to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de ______ (titulaire enregistré, représentant, poste occupé dans la compagnie) je suis autorisé à faire cette attestation.

Signature	Date
[signature]	JULY 14 1994

2.2 .04.9.

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

Ministry of Northern Development and Mines

Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: W9410 00083

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2.15513

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
- A separate copy of this form must be completed for each Work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s): MICHAEL E. CHUTE		Client No.: 118288
Address: 1515 CHERRYHILL ROAD PETERBOROUGH ONT K9K 1A7		Telephone No.: 705 741 5804
Mining Division: KENORA	Township/Area: BROOKS LAKE (SANDHILL LAKE)	M or G Plan No.: G 2670
Dates Work Performed: From: JULY 22 1993	To: JUNE 24 1994	

Work Performed (Check One Work Group Only)

	Work Group	Type
✓	Geotechnical Survey	GEOLOGIC MAPPING, PROSPECTING, ASSAYING
	Physical Work, Including Drilling	
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

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Total Assessment Work Claimed on the Attached Statement of Costs $ 21605

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
MICHAEL E. CHUTE	1515 CHERRYHILL ROAD, PETERBOROUGH, ONT K9K 1A7

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date: JULY 14 1994	Recorded Holder or Agent (Signature): Michael E. Chute

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying: MICHAEL E. CHUTE 1515 CHERRYHILL ROAD PETERBOROUGH K9K 1A7		
Telepone No.: 705 741-5804	Date: JULY 14, 1994	Certified By (Signature): Michael E. Chute

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Total Value Cr. Recorded	Date Recorded	Mining Recorder ACTING	Received Stamp: RECEIVED JUL 18 1994 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM
	Deemed Approval Date: Oct. 16/94	Date Approved	
	Date Notice for Amendments Sent		

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
~~+ 11620~~	1161620	12	21663	7221	14442	
~~1161621~~	1161621	12		7221		
~~1161622~~	1161622	12		7221		
	3		21663	21663	14442	
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prorize the deletion of credits. Please mark (✓) one of the following:

1. ☑ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as prorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed

Signature

Date

)241 (03/91)

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction: W9410.00083

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

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1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain	1280.00	12[illegible]
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type ASSAYING	990.31	
			990.31
Supplies Used Fournitures utilisées	Type TAPED TAPE		
	AIR PHOTOS MAPS	522.02	
			[illegible]
Equipment Rental Location de matériel	Type BOAT/TRAILER	142.20	
			[illegible]
	Total Direct Costs Total des coûts directs		[illegible]

2. Indirect Costs/Coûts indirects

** Note: When claiming Rehabilitation work indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type AUTOMOBILE	1541.43	
	ASSAYING		
			[illegible]
Food and Lodging Nourriture et hébergement	FOOD/LODGING	845.67	
Mobilization and Demobilization Mobilisation et démobilisation			
	Sub Total of Indirect Costs Total partiel des coûts indirects		[illegible]
	Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)		[illegible]
	Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs) / Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)		[illegible]

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Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
× 0.50 =	

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Évaluation totale demandée
× 0,50 =	

Certification Verifying Statement of Costs

I hereby certify:

that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as RECORDED HOLDER (Recorded Holder, Agent, Position in Company) I am authorized to make this certification

Attestation de l'état des coûts

J'atteste par la présente :

que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ (titulaire enregistré, représentant, poste occupé dans la compagnie) je suis autorisé à faire cette attestation.

Signature	Date
[signature]	July 14 1994

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

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

Telephone: (705) 670-5853
Fax: (705) 670-5863

Our File: 2.15513
Transaction #:W9410.00082
W9410.00083

November 15, 1994

Mining Recorder
Ministry of Northern Development
and Mines
808 Robertson Street
Box 5200
Kenora, Ontario
P9N 3X9

Dear Mr. Rivett:

RE: APPROVAL OF NOTICE OF REDUCTION ISSUED FOR ASSESSMENT WORK REPORTED ON MINING CLAIMS K 1161620 IN THE BROOKS LAKE AREA.

The assessment work credits as outlined in the Notice of Reduction dated September 29, 1994 have been approved as of November 15, 1994. Please redistribute the allowable assessment credits as requested by the recorded holder.

If you require additional assistance in this matter please contact Dale Messenger at (705) 670-5858.

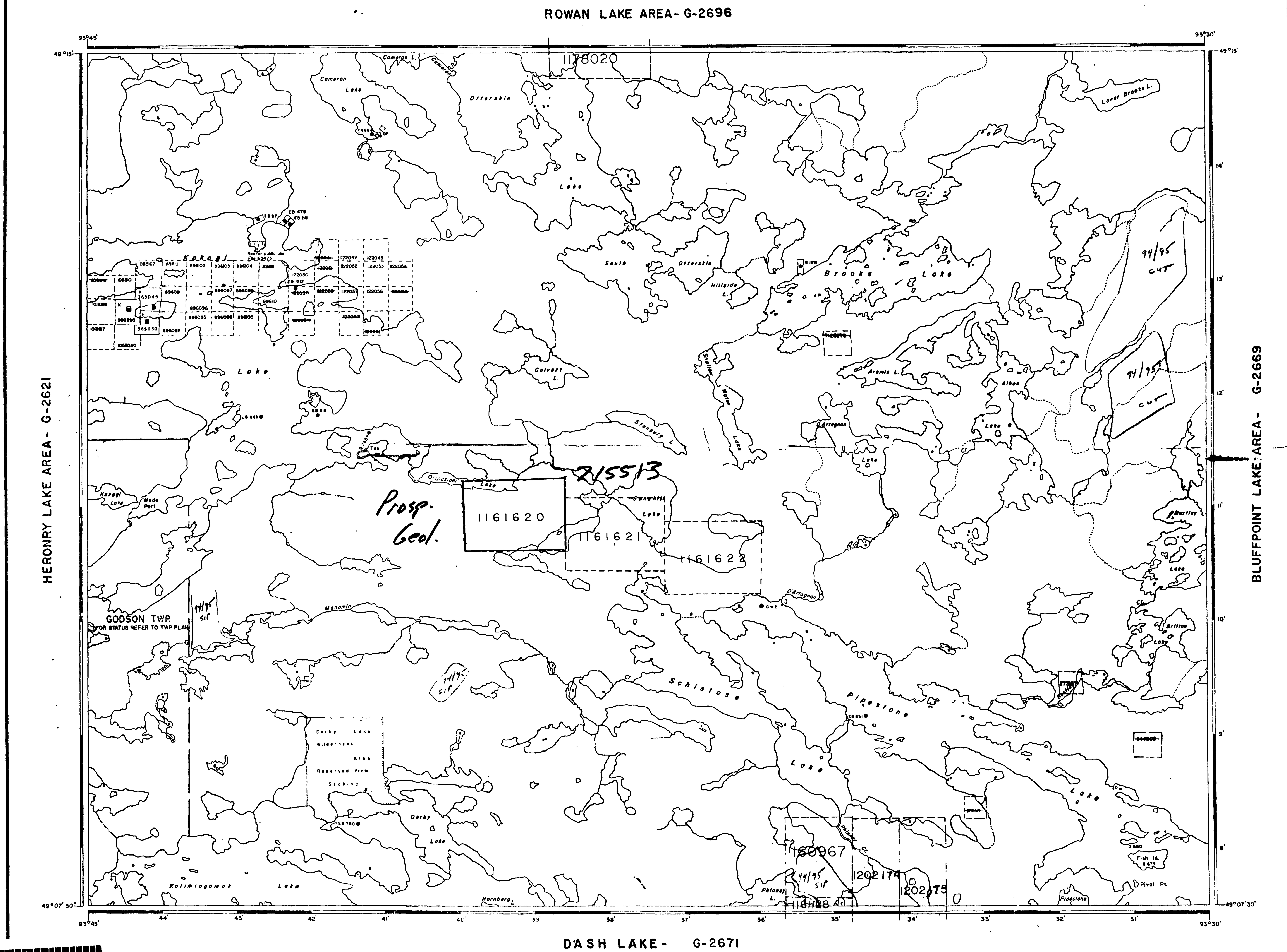
ORIGINAL SIGNED BY:

Ron C. Gashinski
Senior Manager, Mining Lands Section
Mining and Land Management Branch
Mines and Minerals Division

DEM/jl
Enclosures:

cc: Assessment Files Office
Sudbury, Ontario

Resident Geologist
Kenora, Ontario



LEGEND

HIGHWAY AND ROUTE No.
OTHER ROADS
TRAILS
SURVEYED LINES·
TOWNSHIPS, BASE LINES, ETC.
LOTS, MINING CLAIMS, PARCELS, ETC
UNSURVEYED LINES
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS ETC
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON-PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION OR COMPOSITE PLAN
RESERVATIONS
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES
TRAVERSE MONUMENT
TOURIST CAMPS (OP - OUTPOST)

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT — SYMBOL

PATENT, SURFACE & MINING RIGHTS
" , SURFACE RIGHTS ONLY
" , MINING RIGHTS ONLY
LEASE, SURFACE & MINING RIGHTS
" , SURFACE RIGHTS ONLY
" , MINING RIGHTS ONLY
LICENCE OF OCCUPATION
ORDER-IN-COUNCIL — OC
RESERVATION
CANCELLED
SAND & GRAVEL

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
~~M+S. – MINING AND SURFACE RIGHTS~~

Description	Order No.	Date	Disposition	File

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

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 (1 KM) 2000 (2 KM)

AREA

BROOKS LAKE

M.N.R. ADMINISTRATIVE DISTRICT
FORT FRANCES
MINING DIVISION
KENORA
LAND TITLES / REGISTRY DIVISION
KENORA

DATE OF ISSUE
JUL 19 1994
KENORA MINING DIVISION

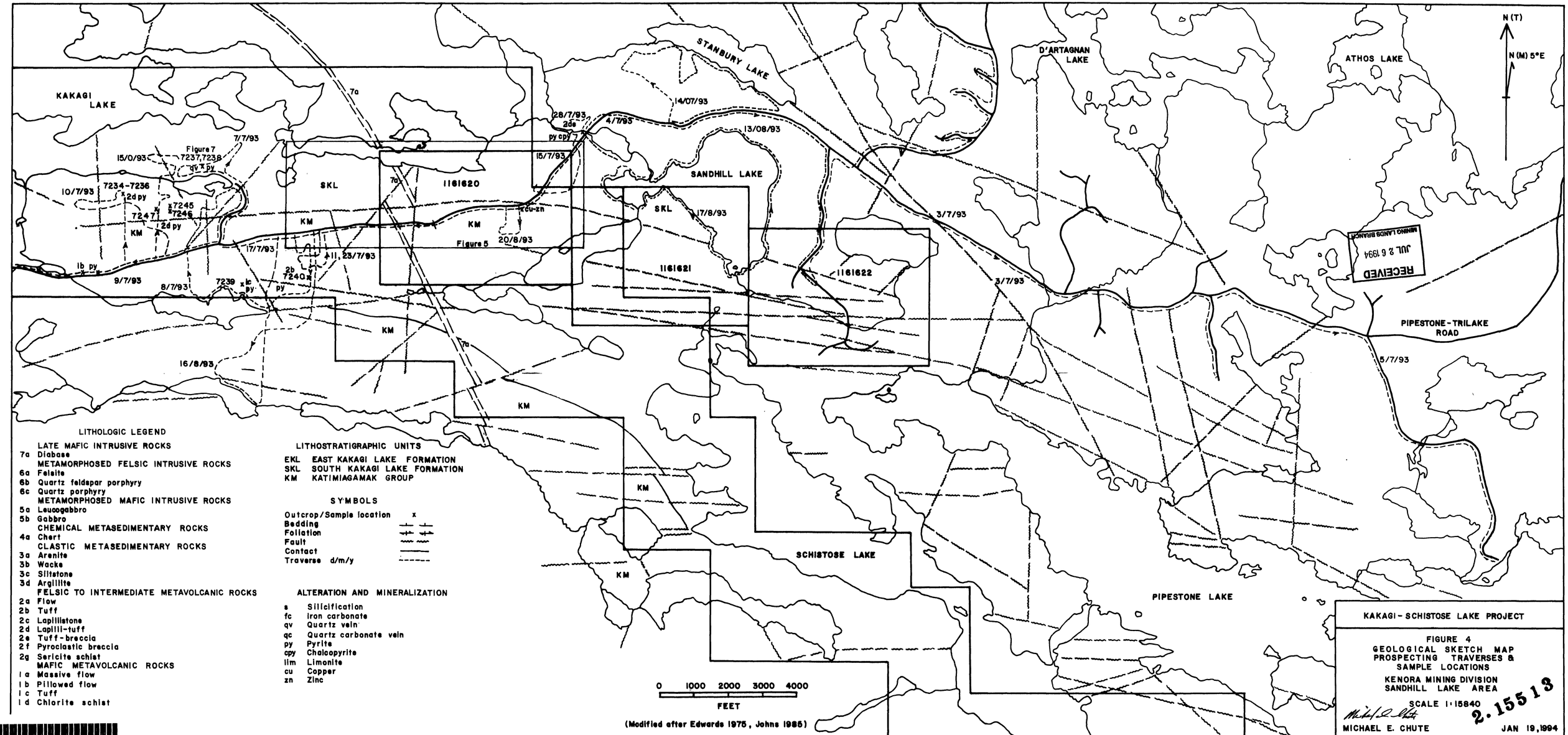
Ontario — Ministry of Natural Resources — Land Management Branch

Date MARCH, 1984 — Number G-2670

492933

52F04NE0003 2 15513 BROOKS LAKE

200



LITHOLOGIC LEGEND

LATE MAFIC INTRUSIVE ROCKS
7a Diabase
METAMORPHOSED FELSIC INTRUSIVE ROCKS
6a Felsite
6b Quartz feldspar porphyry
6c Quartz porphyry
METAMORPHOSED MAFIC INTRUSIVE ROCKS
5a Leucogabbro
5b Gabbro
CHEMICAL METASEDIMENTARY ROCKS
4a Chert
CLASTIC METASEDIMENTARY ROCKS
3a Arenite
3b Wacke
3c Siltstone
3d Argillite
FELSIC TO INTERMEDIATE METAVOLCANIC ROCKS
2a Flow
2b Tuff
2c Lapillistone
2d Lapilli-tuff
2e Tuff-breccia
2f Pyroclastic breccia
2g Sericite schist
MAFIC METAVOLCANIC ROCKS
1a Massive flow
1b Pillowed flow
1c Tuff
1d Chlorite schist

LITHOSTRATIGRAPHIC UNITS

EKL EAST KAKAGI LAKE FORMATION
SKL SOUTH KAKAGI LAKE FORMATION
KM KATIMIAGAMAK GROUP

SYMBOLS

Outcrop/Sample location x
Bedding
Foliation
Fault
Contact
Traverse d/m/y

ALTERATION AND MINERALIZATION

s Silicification
fc Iron carbonate
qv Quartz vein
qc Quartz carbonate vein
py Pyrite
cpy Chalcopyrite
lim Limonite
cu Copper
zn Zinc

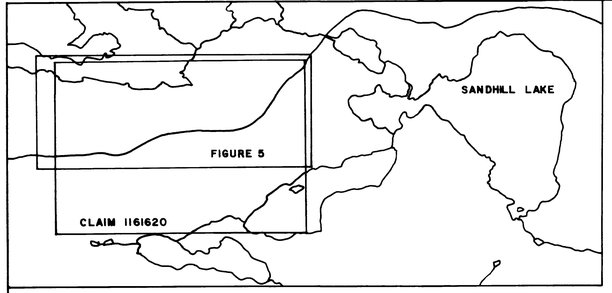
(Modified after Edwards 1975, Johns 1985)

KAKAGI - SCHISTOSE LAKE PROJECT

FIGURE 4
GEOLOGICAL SKETCH MAP
PROSPECTING TRAVERSES &
SAMPLE LOCATIONS
KENORA MINING DIVISION
SANDHILL LAKE AREA
SCALE 1:15840

MICHAEL E. CHUTE JAN 19,1994

2.15513



LITHOLOGIC LEGEND

FELSIC INTRUSIVE ROCKS
6a Felsite
MAFIC TO INTERMEDIATE INTRUSIVE ROCKS
5a Diabase
5b Gabbro
CHEMICAL SEDIMENTS
4a Chert
CLASTIC SEDIMENTS
3a Arenite
3b Siltstone
3c Argillite
INTERMEDIATE TO FELSIC VOLCANIC ROCKS
2a Flow
2b Tuff
2c Lapilli-tuff
2d Sericite schist
MAFIC VOLCANIC ROCKS
1a Massive flow
1b Pillowed flow
1c Tuff
1d Chlorite schist

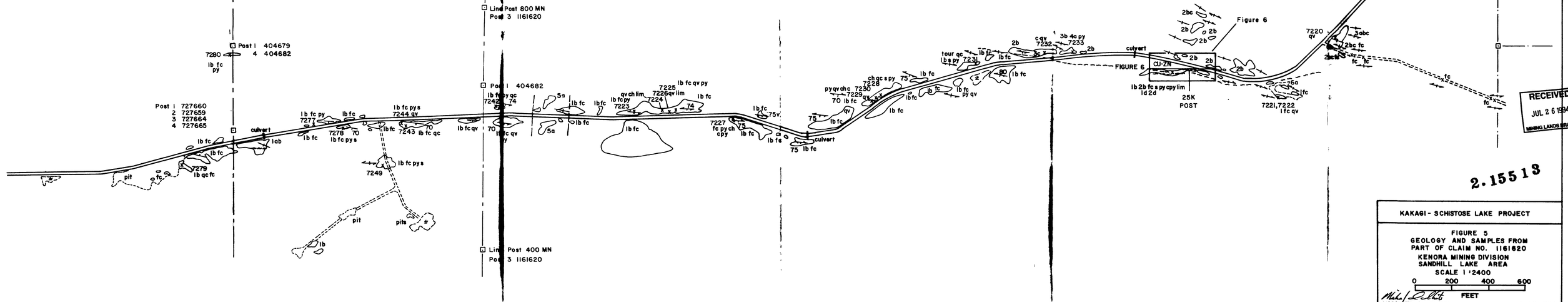
ALTERATION AND MINERALIZATION

s Silicification
ch Chloritization
c Carbonitization
fc Iron Carbonitization
p Pyritization
se Sericitization

py Pyrite
cpy Chalcopyrite
mal Malachite
qv Quartz vein
qc Quartz-carbonate vein
tour Tourmaline

SYMBOLS

Outcrop
Bedding; inclined, vertical
Bedding; top known; inclined, vertical
Foliation; inclined, vertical
Fault; observed, inferred
Contact; observed, inferred
Sample location



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JUL 26 1994
MINING LANDS SECTION

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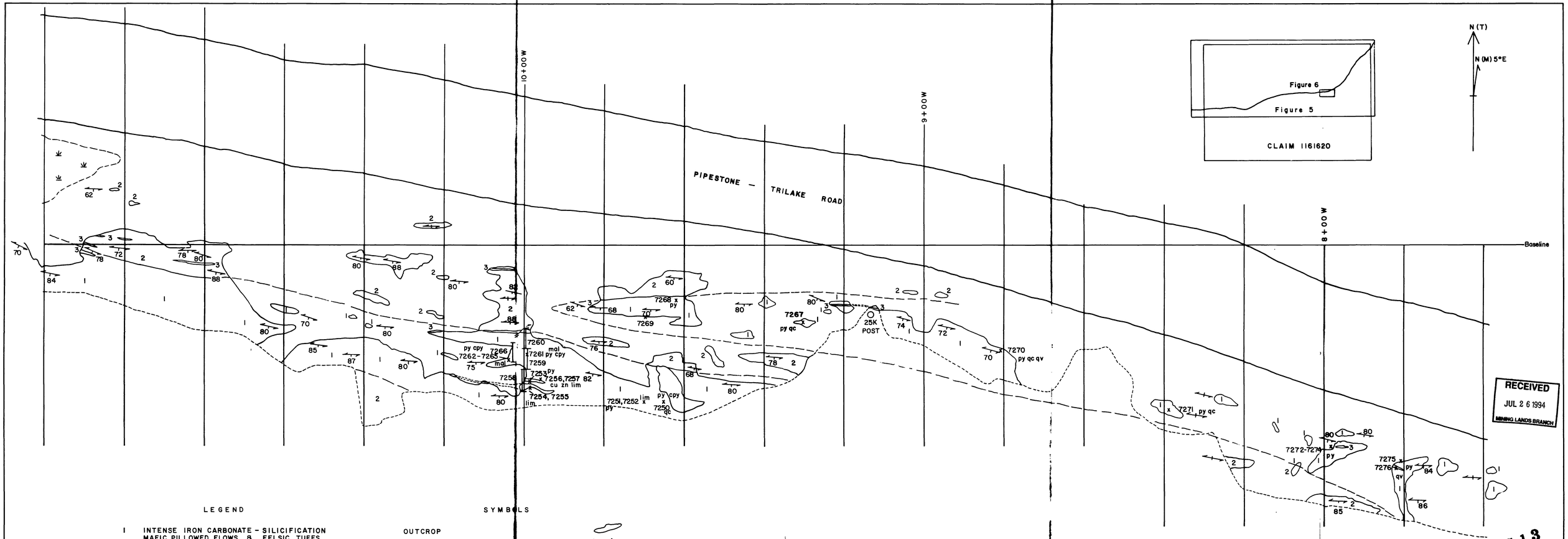
KAKAGI - SCHISTOSE LAKE PROJECT

FIGURE 5
GEOLOGY AND SAMPLES FROM
PART OF CLAIM NO. 1161620
KENORA MINING DIVISION
SANDHILL LAKE AREA
SCALE 1 "2400

0 200 400 600
FEET

MICHAEL E. CHUTE JAN 19, 1994



RECEIVED
JUL 26 1994
MINING LANDS BRANCH

2.15513

LEGEND

1	INTENSE IRON CARBONATE – SILICIFICATION MAFIC PILLOWED FLOWS & FELSIC TUFFS
2	INTENSE IRON CARBONATE ALTERATION FELSIC TUFFS
3	INTERMEDIATE DIKE
py	PYRITE
cpy	CHALCOPYRITE
lim	LIMONITE
mal	MALACHITE
qc	QUARTZ – IRON CARBONATE VEIN
	QUARTZ VEIN

SYMBOLS

	OUTCROP
	BEDDING ; INCLINED, VERTICAL
	FOLIATION ; INCLINED, VERTICAL
	FAULT ; OBSERVED, INFERRED
	EDGE OF STRIPPED AREA
	CONTACT ; OBSERVED, INFERRED
x 7999	SAMPLE LOCATION AND NUMBER
zn	ZINC
cu	COPPER
	CHIP/CHANNEL SAMPLE

KAKAGI – SCHISTOSE LAKE PROJECT

FIGURE 6
GEOLOGY AND SAMPLES FROM TRILAKE ROAD CU-ZN SHOWING
KENORA MINING DIVISION
SANDHILL LAKE AREA
SCALE 1:120

0 10 20 30
FEET

MICHAEL E. CHUTE JAN 19, 1994