

52E165W0046 2.12346 JAFFRAY

010

KENORA GOLD OCCURRENCES INC.

RAJAH/ROSEMAN GOLD PROPERTY JAFFRAY TOWNSHIP KENORA MINING DIVISION ONTARIO

REPORT ON GEOCHEMICAL SAMPLING, TRENCHING AND DIAMOND DRILLING

> J.A.GOODWIN, FGAC JANUARY 30th, 1989

Qual 2.8932

SUMMARY

The 16 claim Rajah/Roseman property is in Jaffray Township, 1.0 km northwest of Kenora airport, Ontario.

During 1988 the property was explored by ground geophysics and prospecting and four targets tested by geochemistry, trenching, diamond drilling and sampling.

Three of the targets tested are considered to have little potential for economic gold mineralization, however a major shear zone, crossing the center of the property, has indications of good potential.

The northeasterly-striking shear is up to 500m wide, parallels similar mineralized structures such as the Scramble shear, and contains gold values in grab samples up to 0.12 oz/t.

A dacitic tuff unit, encountered in a single drill hole, contains anomalous values up to 2,237 ppb (0.074 oz/t)gold and may have potential for a stratiform, therefore large tonnage, gold deposit.

Geological mapping and further drilling are recommended to test the shear and associated dacitic tuff in order to locate economic gold mineralization.



CON'

Ø10C

SUMMARY

1.0.0	INTRODUCTION	1
2.0.0	PROPERTY DESCRIPTION AND LOCATION	1
3.0.0	ACCESS, CLIMATE AND LOCAL RESOURCES	2
4.0.0	REGIONAL GEOLOGY AND MINERALIZATION	3
5.0.0	HISTORY OF THE PROPERTY	4
6.0.0	1988 EXPLORATION PROGRAM	6
6.1.0	LINECUTTING	6
6.2.0	GEOPHYSICS	6
6.3.0	GEOCHEMISTRY	6
	6.3.1 RESULTS OF GEOCHEMISTRY	7
6.4.0	TRENCHING	7
	6.4.1 RESULTS OF TRENCHING - GEOCHEMICAL ANOMALY	7
	6.4.2 RESULTS OF TRENCHING - THE ROSEMAN VEIN	8
	6.4.3 RESULTS OF TRENCHING - OLD PIT #4	8
6.5.0	PROSPECTING	8
	6.5.1 RESULTS OF PROSPECTING	10
6.6.0	DIAMOND DRILLING	10
	6.6.1 RESULTS OF DIAMOND DRILLING - ROSEMAN VEIN	11
	6.6.2 RESULTS OF DIAMOND DRILLING - MAIN SHEAR	12

7.0.0	CONCLUSIONS	AND	RECOMMENDATIONS	1	3

15

8.0.0 BIBLIOGRAPHY

APPENDICES

APPENDIX A: DRILL LOGS

.

APPENDIX B: DESCRIPTION OF SAMPLES

APPENDIX C: ASSAY AND ANALYSIS CERTIFICATES

APPENDIX D: DETAILS OF WORK, CERTIFICATES, ETC.

FIGURES

(BOUND IN REPORT)

FIGURE 1: LOCATION OF THE KENORA GOLD OCCURRENCES PROPERTIES FIGURE 2: REGIONAL GEOLOGY AND GOLD OCCURRENCES

MAPS (INCLUDED IN REAR OF REPORT)

MAP 1: GEOCHEMICAL SAMPLING , ROSEMAN IRON FORMATION	1:2500
MAP 2: LOCATION OF TRENCHES, DRILL HOLES AND GRAB SAMPLES	1:5000
MAP 3: ROSEMAN OCCURRENCE - TRENCH GEOLOGY AND SAMPLING	1:1000
MAP 4: DRILL SECTION 4+00 W, DDH 88-20	1 " = 20 '
MAP 4a: DRILL SECTION 4+00 W, ANALYSIS RESULTS	1"=20'
MAP 5: DRILL SECTION 7+05 E, DDH 88-21, 88-22	1"=20'

1.0 INTRODUCTION

This report details exploration of the Rajah/Roseman property during 1988. The program consisted of linecutting, magnetic and VLF-EM surveys, humus sampling, prospecting, trenching and diamond drilling. Results of the geophysical surveys are given in the accompanying "Report on ground magnetic and VLF-EM surveys, Princess/Black Sturgeon and Rajah/Roseman properties, Haycock and Jaffray Townships, Ontario" by F.L.Jagodits.

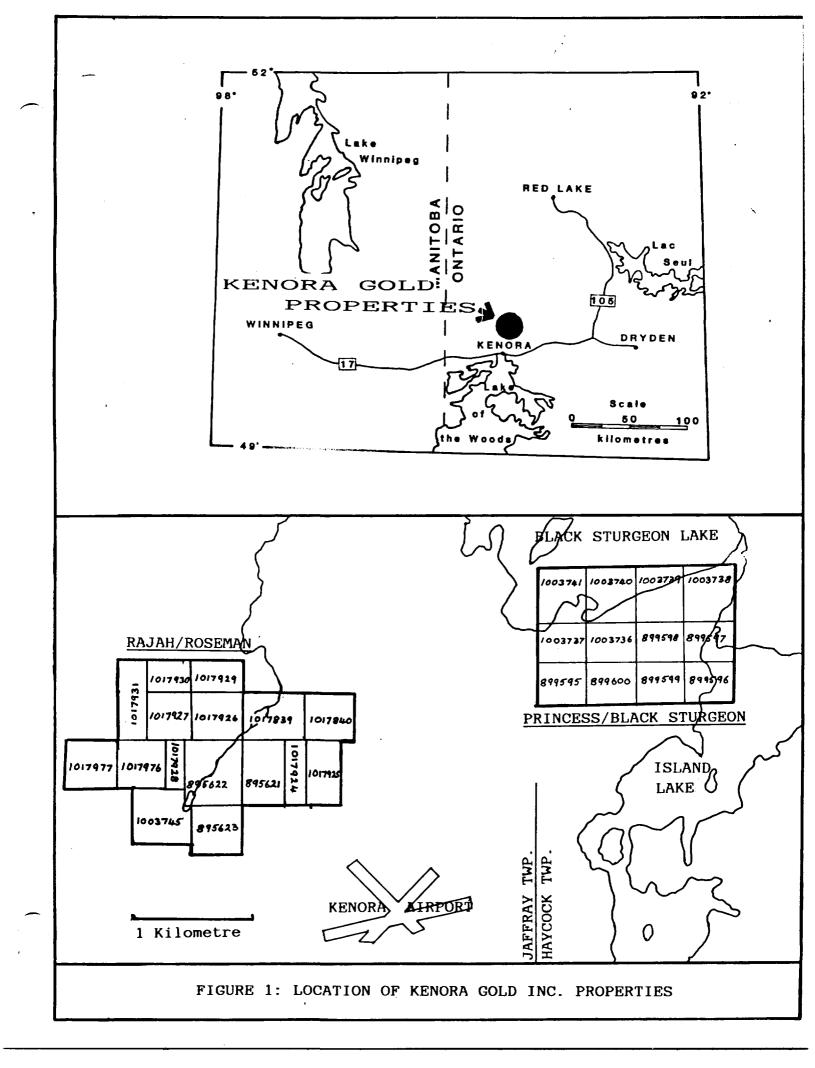
The aim of the program was to test a number of areas that have potential for economic gold mineralization.

2.0 PROPERTY DESCRIPTION AND LOCATION

The Rajah/Roseman property consists of 16 contiguous mineral claims 1.0 km northwest of Kenora airport in Jaffray Township, Kenora Mining Division, District of Kenora, Ontario.

Claim numbers are: 895621, 895622, 895623, 1003745, 1017839, 1017840, 1017924, 1017925, 1017926, 1017927, 1017928, 1017929, 1017930, 1017931, 1017976, 1017977.

All claims are in good standing. Surface rights are vested in the Crown with the exception of one surface-rights-only patent covering claims 1017839 and 1017840. Right-of-ways cross the property for the Northern Ontario Pipeline (Crown Corporation), Ontario Hydro power lines and the Kenora bypass road.



3.0 ACCESS, CLIMATE AND LOCAL RESOURCES

Access to the property is excellent. The Trans-Canada highway (Highway 17) is 5 km south of the property which is crossed by paved Highway 604 to the Kenora airport. In addition, all-weather gravel roads, four-wheel drive tracks and cottage, pipeline and hydro line access roads crisscross the area and a new road to bypass Kenora is being constructed over the property.

The Kenora airport, with daily jet service to Winnipeg, Thunder Bay and Toronto, is 1 km southeast of the property.

Rail access via the Canadian Pacific Railway is available less than 1 km south.

Climate is typical of Western Ontario. Snow cover and sub-zero temperatures usually last from November to April or May, followed by summer weather with daily high temperatures averaging 21°C.

Topography is moderately rugged with steep-sided ridges separated by narrow, often swamp filled valleys. Vegetation is mainly secondary growth of poplar, spruce and minor balsam and ash.

Local resources are plentiful. The property is crossed by two natural gas pipelines and a major hydro line. Fresh water is plentiful and local labour and services are available from Kenora 10 km to the southwest.

(2)

4.0 REGIONAL GEOLOGY AND MINERALIZATION

The Kenora district is underlain by rocks of Precambrian age belonging to two geological subprovinces within the Superior Province. The Rajah/Roseman property lies within a narrow, northeast -trending wedge of rocks of the Wabigoon Subprovince, north of which are gneissic rocks of the English River Subprovince.

Figure 2 illustrates the regional geology of the area. The following description is from Davies, Smith and Blackburn, 1985:

" A wedge-shaped area of volcanic and sedimentary rocks extends northeast from the main body of supracrustal rocks in the vicinity of Kenora. Intensely deformed gneisses lie to the northwest and to the east are granitoid stocks which may be related to the Dryberry batholith. Tholeiitic basalts are overlain by fine-grained intermediate to felsic pyroclastics, which in turn are overlain by clastic sediments. A gabbroic sill lies near the top of the basaltic sequence.

The principal direction of faulting, the weak to strong foliation, and the trace of fold axes are all approximately parallel to wedge boundaries and converge to the northeast. At the northwest side of the wedge mafic rocks are highly deformed and metamorphosed but elsewhere primary features are largely preserved. An oval stock of porphyritic quartz monzonite, which lies on the trace of the Airport Anticline, is only weakly foliated.

All the known volcanic-hosted gold occurrences except one are in basalt and are associated with quartz veins or silicified shears. Fractured and mineralized felsic dykes which lie in sheared basalts have also been investigated. The mineralized zones trend

(3)

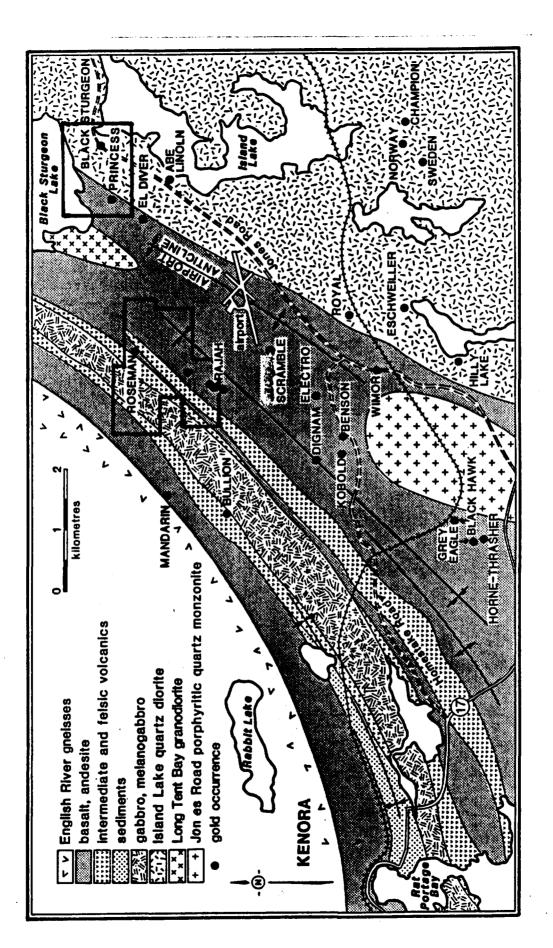


FIGURE 2: THE KENORA GOLD OCCURRENCES INC. PROPERTIES-REGIONAL GEOLOGY AND GOLD SHOWINGS (AFTER KING, 1983). northeast and are interpreted to be related to movement along nearvertical axial planar shears. Tourmaline and minor sulphides are associated with most quartz veins; chlorite, biotite, carbonate and sulphides are common in the sheared basalt.

Gold occurrences in the Island Lake quartz diorite are associated with shearing. Most of the mineralization is in or near quartz veins which occupy zones of dilatency. Gold is associated with pyrite, especially along minor fractures in the quartz and the host diorite or quartz diorite. Dyke-like bodies of ultramylonite lie near mineralized and silicified shears at these occurrences."

The potential for economic gold mineralization in this area is indicated by the Scramble Prospect. This occurrence, lying directly south of the Rajah/Roseman property, is being explored underground by Madelaine Mines and Boise Cascade Canada Ltd. Three hundred thousand tons grading 0.3 oz/ton gold is said to have been defined to date.

5.0 HISTORY OF THE PROPERTY

Gold has been known on the Rajah and Roseman properties since the 1890's. Early work consisted of pitting, trenching and exploration shafts. Before the work by Kenora Gold Occurrences Inc, little comprehensive exploration has been done.

The following information is compiled from ODM Annual Reports, King and Foster (1983) and reports in the MNR assessment files.

1890 - Messrs. McGee, Brereton and Henesy staked Mining Location 317P covering the Rajah #2 location and sold it to J.F. Caldwell, owner of the Sultana Mine. 1892-1894 - Property optioned to the Rajah Gold Mining Co. of London, England. Two shafts and test pits were sunk, the northern shaft (Rajah # 1) being 18 m deep and inclined at 85° to the northwest. At 11 m depth, 14 m were drifted to the south. The southern shaft (Rajah # 2) is 19 m deep: no production is reported.

Pre-1946 - Roseman occurrence held by Mr. Silverman who dug an 11 m trench on mineralization.

1946 - Mr. Roseman, who bought the property from Silverman, drilled one X-Ray hole drill hole to 32 m.

1983 - Claims 895621 to 895623 staked by G. Zebruck and R. Schienbein to cover the Rajah #1 and #2 shafts.

1984 - Three miles of grid and magnetometer survey were done on the Zeebruck claims.

1984 - Sixteen claims surrounding the Zeebruck claims (now part of the Rajah/Roseman property) were geologically mapped and sampled by Boise Cascade.

1985 - The 16 claims were remapped, sampled and covered by 10.4 km of of VLF-EM and 12.4 km of magnetic survey by Kennco.

1987 - Eleven claims covering the Roseman occurrence and the bulk of the 16 Boise Cascade claims were staked by G. Zeebruck and his total holding of 14 claims were optioned to Kenora Gold Occurrences Inc.

~

6.0 1988 EXPLORATION PROGRAM

6.1.0 LINECUTTING

In 1988 a survey grid was cut to cover the Rajah/Roseman claims (Map 2). The grid consists of a 1.7 km baseline at 45° (t) and cross-lines at 100 m intervals. All lines were chained and picketed at 12.5 m intervals and a tie-line cut at 10 + 00 N. The total length of cut line is 26 km.

6.2.0 GEOPHYSICS

The entire grid was covered by gradiometer, total field magnetic and VLF-EM surveys. Proceedures and results are detailed in the accompanying geophysical report by F.L.Jagodits of Excalibur International Consultants Ltd.

6.3.0 GEOCHEMISTRY

An area in the northeast of the property contains a number of old trenches over sulphide and garnet-bearing rocks that may represent iron formations. Grab samples of narrow quartz veins in these trenches contain up to 0.36 oz/t Au, and the geophysical surveys indicate a possible fold nose in the area. These factors indicate a potential for economic gold mineralization.

A geochemical survey was conducted to test this area for anomalous gold. The survey covered lines 3+00 E to 7+00 E (inclusive), from BL 0+00 to 3+40 N. Humus samples were taken every 10 meters along the lines for a total of 170 samples. These were analysed for gold by Bondar Clegg and Co. Ltd. of Ottawa using the fire assay/DC plasma method. Analysis method and assay sheets are included in Appendix C. 6.3.1 RESULTS OF GEOCHEMISTRY

Results are shown on Map 1. A number of narrow, discontinuous anomalies with low gold values up to 36 ppb Au were detected. These are consistent with anomalies generated by goldbearing veins or narrow gold-bearing rock units.

6.4.0 TRENCHING

Three targets on the property were selected for trenching (Map 2):

- 1) Humus geochemical anomaly at line 5+00 E, 0+60 N;
- 2) The Roseman Vein at 7+30 E, 0+50 N, and
- 3) Old pit #4 at 5+80 W, 1+80 N.

Trenching was done using a Backhoe and the trenches were further cleaned by hand. Details of the contractor and dates of work are given in Appendix D.

6.4.1 RESULTS OF TRENCHING - HUMUS GEOCHEMICAL ANOMALY

A 45m long backhoe trench tested the highest geochemical value on line 5+00 E (Map 3). A well-sheared sequence of dacitic tuffs were exposed, hosting two sulphide/garnet bearing units up to 5m thick. These units appear to be sulphide-bearing interformational rocks rather than true exhalative iron formations and three grab samples of the best material returned only trace amounts of gold.

The origin of the humus gold anomaly was not discovered, however it is probably due either to small gold-bearing veins

(7)

that are common in the area, or to surface enrichment of gold leached from the "iron formations".

6.4.2 RESULTS OF TRENCHING - THE ROSEMAN VEIN

A backhoe trench exposed 30m strike length of the Roseman Vein (Maps 2 and 3). This is a 0.3 to 1.5m white quartz vein containing up to 20% pyrite, chalcopyrite and molybdenite hosted by sheared mafic volcanics. The vein strikes 135° and dips to the southwest at 20° to 40°.

Five grab samples from the quartz vein contained 0.16, 0.29, 0.31, 0.29 and 0.20 oz/t Au.

6.4.3 RESULTS OF TRENCHING - OLD PIT #4

This is an old blast pit in altered, sheared mafic volcanics containing 0.3m wide quartz veins that consistently give gold values up to 5 oz/t Au (Map 2).

An area of 10x10m was cleared by backhoe and hand to expose 3 east-west trending, sinuous quartz veins up to 0.3m in width. The veins pinch and swell dramatically along their length. Seven grab samples from the veins returned 0.38, 3.84, 1.17, 0.30, 0.01, 0.01 and trace oz/t Au.

6.5.0 PROSPECTING

A total of 8 man days were spent prospecting the property. Personnel involved are listed in Appendix D and results given on Map 2.

A large swamp crosses the center of the property in

a northeasterly direction and appears to lie in the middle of a major shear system. Rocks on either side of the swamp are strongly deformed with a shear fabric that increases in strength towards the swamp. Average width of the shear zone is about 500m.

Abundant evidence of mineralization can be found along the margins of this shear. Quartz veins of at least three ages exist, the oldest being narrow, usually dark-coloured and striking parallel with the shear. The Rajah vein is an example. Grab sampling of this type of vein gave gold values up to 0.12 oz/t Au in the road cut at 6+50 W, 1+50 N, and 0.02 oz/t Au at the Rajah #1 shaft. These veins contain up to 10% pyrite, pyrrhotite and minor chalcopyrite and often up to 30% carbonate. The sheared mafic volcanic host of the veins also tends to contain sulpides and carbonate and one 1.5m chip sample in the road cut contained 0.01 oz/t Au.

A second, younger, type of vein strikes easterly and cross-cuts the shear fabric and older veins. Examples of this type are the Roseman and Pit #4 veins. These veins tend to be erratic and discontinuous, consisting of white quartz with up to 5% pyrite, chalcopyrite and minor molybdenite. Gold values of grab samples are consistently high, up to 0.31 oz/t Au at the Roseman Vein and 3.84 oz/t Au at Pit #4.

The last and probably youngest type of vein identified is a multi-directional, white quartz vein of varying thickness up to 1m. These veins are common along the edge of the shear and contain up to 10% tourmaline. Grab samples returned only trace amounts of gold.

Prospecting along the northern gas pipeline located outcrop near the center of the shear at 1+00 W, 5+20 N. This consists of a sheared gabbro to the north in contact with dacitic

(9)

and felsic fragmental volcanics to the south. Strong carbonate alteration, pyrrhotite, pyrite, chalcopyrite and diopside occur throughout the volcanics and immediate margins of the gabbro.

Five grab samples of the altered material contained gold values up to 0.02 oz/t Au.

6.5.1 RESULTS OF PROSPECTING

The above observations, made during prospecting, lead to the following tentative model for mineralization on the property:

The large, northeasterly trending shear represents a major structure parallel to similar mineralized structures such as the Scramble and Treasure shears. The presence of gold values up to 0.12 oz/t Au in the shear indicate the possibility that it may host an economic gold deposit.

The easterly-striking veins such as the Roseman Vein appear to be later features filling dilatencies formed during a younger tectonic event. Gold contained in these veins is probably remobilized, possibly from the adjacent shear zone. Although gold values in these veins are high, it is unlikely that they could generate sufficient tonnage for an economic mining operation.

6.6.0 DIAMOND DRILLING

Three BQ drill holes, totalling 143.56m, were drilled on the Rajah/Roseman property during 1988. Details of the contractor, dates and equipment are given in Appendix D. Drilling tested two targets: The Roseman Vein, and
 The Main Shear.

6.6.1 RESULTS OF DIAMOND DRILLING - ROSEMAN VEIN

The Roseman Vein is the widest and highest grade easterly-striking vein located on the property. At the widest point the vein is 1.5m wide and grab samples assayed up to 0.31 oz/t Au.

Two drill holes tested the vein at depth to determine if width and grade are consistent or better than at surface. Location of the holes are shown on Maps 2 and 3: results are illustrated on Map 5. Drill logs are included in Appendix A.

Hole 88-21 (87') was drilled at -45° and intersected a sequence of altered, highly sheared mafic volcanics. Alteration, caused by the Main Shear, consists of carbonate, chlorite, biotite and minor pyrite.

The Roseman Vein was intersected between 66.5 and 69.3 feet and consisted of white to grey quartz with 1% pyrite and minor chalcopyrite, molybdenite and pyrrhotite. The 2.9' intersection assayed 0.06 oz/t Au.

Hole 88-22 (127') was drilled from the same location at -65° to test the vein deeper than the 88-21 intersection. Similar rocks were intersected, however the Roseman Vein appears to have anastamosed into three separate veins 0.2, 0.5 and 0.3 feet wide. All veins are gold-bearing, as 1' samples including the veins contained 0.16, 0.1 and 0.06 oz/t Au. J.6.2 RESULTS OF DIAMOND DRILLING - THE MAIN SHEAR

The potential for economic mineralization in the Main Shear has been outlined in 6.5.1. The target is, however, so large that difficulty was encountered in deciding the best loc--ation for an initial exploratory hole. The location of hole 88-20 was chosen to test the intersection of two weak geochemical anomalies near the approximate axis of the shear. The hole was drilled at -45° for a length of 257'. Location of the hole is shown on Map 2 and the geology section on Map 4. Detailed analysis information is given on Map 4a and the drill log is included in Appendix A.

The hole intersected 38.5' of gabbro followed by 125.1' of extremely sheared and altered mafic to dacitic tuffs with a very high carbonate content. The final 81.4' of the hole is in a fairly innocuous-looking dacitic tuff.

The entire core was split and analysed for gold by Bondar Clegg of Ottawa. Results were surprising as the most altered and sheared material between 38.5' and 163.6' gave low results. However, the dacitic tuff at the end of the hole is consistently anomalous in gold with values up to 2,237 ppb (0.074 oz/t) over 3.0'.

These results confirm the presence of gold in the Main Shear and raise the possibility of a stratabound gold deposit hosted by the dacitic tuff.

The geophysical anomalies are not well explained, but may be due to the altered and sheared material if a dip of 45° west is assumed. The anomalies may also be due to the mineralized dacitic tuff, assuming a vertical or slightly easterly dip. Further examination of the core with magnetic susceptibility and conductivity meters and petrology is necessary to determine if the unit is magnetic or conductive.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The 1988 program explored the Rajah/Roseman property by prospecting and geophysics and tested four targets using geochemical sampling, trenching and drilling.

A major shear zone, crossing the center of the property, was recognised during prospecting and extensive evidence of related gold mineralization was located. One drill hole tested the shear zone and intersected a dacitic tuff unit containing anomalous gold values up to 2237 ppb (0.074 oz/t) Au.

The easterly-striking Roseman vein was tested by trenching, drilling and sampling. On surface the vein reaches 1.5mwidth and grab samples contain up to 0.31 oz/t Au. Two drill holes tested the vein at depth and intersected 2.9' containing 0.06 oz/t Au and 1.0' of 0.16 oz/t Au.

An area southwest of the Roseman Vein containing several old pits with sulphide/garnet "iron formation" and narrow, goldbearing veins was tested with soil sampling, trenching and sampling. A narrow, discontinuous geochemical anomaly was trenched and found to be underlain by sulphide/garnet-bearing interformational units that contain trace amounts of gold.

Trenching and sampling on the Pit #4 showing tested narrow, discontinuous easterly-striking quartz veins that contain up to 3.84 oz/t Au.

The easterly-striking Roseman and Pit #4 veins are considered to be late remobilized features and, although they contain significant gold values, they are considered to have limited tonnage potential. No further work is recommended on these showings. The interformational "iron formation" is associated with narrow, gold-bearing quartz veins, but is not considered to have economic potential in itself. No further work is recommended.

The Main Shear Zone is considered to be a first class target on the property. The following program is recommended:

1) - Geological mapping and sampling of the propery to define the shear, locate and test the gold-bearing dacitic tuff unit intersected in hole 88-20, and locate and test any other auriferous units.

2) - Further drilling of the zone and any other associated targets located during mapping and sampling. Drill footage will depend on whether the mineralized dacite can be located and defined on surface and the number of associated targets found. An adequate test of the shear is, however, expected to need considerable drilling.

8.0 BIBLIOGRAPHY

- Bow, 1898: Ontario Bureau of Mines Report Vol. VII, part 1, p.28.
- Coleman, A.P., 1898: Fourth Report on the West Ontario Gold Region Ontario Bureau of Mines Report, Vol VII, part 2.
- Davies, J.C., Smith, P.M., Blackburn, C.E., 1985: Geologic Setting and Style of Gold Mineralization in the Lake of the Woods Area. in; Field Trip Guide Book, Institute on Lake Superior Geology, 31st Annual Meeting.
- Hood, W.C., 1984: Report on Geological Mapping of the Bond Claims North Block in the Kenora Area, Northwestern Ontario. Boise Cascade Can. Ltd. Company Assessment report.
- Jagoditz, F.L., 1985: Report on Ground Magnetic and VLF-EM Surveys Haycock Township. Kennco Explorations. Company Assessment Report.
- King, H.L., Foster, J.R., 1983: Kenora-Keewatin Area, Eastern Part, Kenora District, Ont. Geol.Surv. Map P 2618.
- Kuehnbaum, R.M., 1985: VLF-EM and Magnetic Surveys on Part of the Bond North Block. Kennco Explorations. Company Assessment Report.

1985: Geology of Part of the Bond North Block. Kennco Explorations. Assessment Report. Reid,S.E., 1987: Jaffray-Haycock GDIF # 395. Ontario Geological Survey.

- Suchanek, C., 1985: Geological Report on Grid D Zebruck Option Haycock Township, District of Kenora, Ontario. Kennco Explorations. Company Assessment Report.
- Thompson, R., 1946: A Short Report on Claim P-318, Jaffray Twp. District of Kenora. In Assessment Files.
- Zebruck, G.R., 1984: Magnetometer Survey Report, Rajah Occurrence Jaffray Twp. District of Kenora, Ontario. Assessment Report.
- Zebruck, G.R., 1984: Assay Results from sampling of Rajah Property. Assessment files.

APPENDIX A DRILL LOGS \mathbf{x}

-

$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Location	n Rajah	ЧЕ	Anomaly De:	Deformation		Zone D .D	D.D.H. N⁰.	KGRA-	88-20	ر ا
K.895622Logged ByW.C. HoodStartbee. 7/88FinishDec. 11/68Page1of7XXemoraSoll and DrillingCore SizeBQDpTastAmora8.Call and DrillingCore SizeBQDpTastAmoraAmora3.0GASING: boulder till.Core SizeBQ157753.06.03.089.0Iccally schistose minor theory massive to157755.09.03.0889.1Iccally schistose minor theory massive to157766.09.03.0889.2Iccally schistose minor theory massive to1577812.03.08829.2Iccally schistose minor theory massive to1577812.03.03.03.0339.2Iccally schistose minor theory mission1577812.03.03.0333	Coordii		L400W/415N metric	13	0	1	15 ⁰		Depth	257'	
Kenora Soil and DrillingCore SizeBQDp TestAusors6E0LOGY m m m m m m m m m 3.0CASING: boulder till. m m m m m m m m 3.10CASING: boulder till. m m m m m m m m 3.5CASING: boulder till. m m m m m m m m 3.5CASING: medium-grained, dark grey, massive to15775 3.0 6.0 3.0 8 8 5Locally schistose, minor sheared chloritic15775 6.0 9.0 3.0 8 8 5Locally schistose, minor sheared chloritic15778 12.0 3.0 3.0 3.0 3 5Locally schistose, minor sheared chloritic15778 12.0 3.0 3.0 3.0 3.0 5Locally schistose, minor sheared chloritic 15778 12.0 3.0 3.0 3.0 3.0 5Locally schistose, minor sheared chloritic 15778 12.0 3.0 3.0 3.0 3.0 3.0 7The schistose, white to grave 15783 32.0 3	Claim I		Logged By W.C.		/88	Finish	Dec.	8		of	4
To ToGEOLOGYAreary ArearySompleAreary Areary777710223.0CASING: boulder till.3.06.03.0883.1CASING: boulder till.3.10.21003.083.2CABBRO: medium-grained, dark grey, massive to157755.09.03.083.1CASING: boulder till.1577515.06.03.083.2CABBRO: medium-grained, dark grey, massive to1577515.012.03.053.1Sections; becomes fine-grained at 36.5-38.5.1577812.012.03.0553.2Sections; becomes fine-grained at 36.5-38.5.1577812.012.03.0553.3Sections; becomes fine-grained at 36.5-38.5.1577812.012.03.0553.4Sections; becomes fine-grained at 36.5-38.5.1577812.03.03.0553.5SatasSatas21.012.03.03.03.03.0223.5SatasSatas21.027.03.03.03.03.03.0333.6Autor1578830.03.03.03.03.03.033333333333333333333333333333	Drilled		Soil and	Size	BQ	Dip	Test	3			
ToToFoundToFoundAuAuAu3.0CASTNG: boulder till.3.0Get 3.03.0 3.0 3.0 3.0 3.0 3.1CASBRO: medium-grained, dark grey, massive to 15775 5.0 3.0 3.0 3.0 3.0 3.1CASBRO: medium-grained, dark grey, massive to 15775 5.0 3.0 3.0 3.0 3.0 3.2CASBRO: medium-grained, dark grey, massive to 15775 5.0 3.0 3.0 3.0 3.3.5GABBRO: medium-grained at $36.5-38.515776$ 5.0 3.0 3.0 3.0 3.4Jarray State 15778 15.0 3.0 3.0 3.0 3.5Sections: becomes fine-grained at $36.5-38.515776$ 5.0 3.0 3.0 3.0 3.6Sections: becomes fine-grained at $36.5-38.515776$ 5.0 3.0 3.0 3.0 3.7Sections: becomes fine-grained at $36.5-38.515776$ 5.0 3.0 3.0 3.0 3.8Sections: becomes fine-grained at $36.5-38.524.0$ 3.0 3.0 3.0 3.0 3.9Section of fine-grained, green-grey; crudely 15788 30.0 3.0 3.0 3.0 3.9Section of fine-grained, green-grey; crudely 15788 38.5 42.0 3.5 3.0 3.9Section of fine-grained, green-grey; crudely 15788 38.5 42.0 3.5 3.0 3.9Section of fine-grained, green-grey; crudely 15788 <t< th=""><th>Foo</th><th>tage</th><th></th><th></th><th></th><th>Sam</th><th>ole</th><th></th><th></th><th>Assays</th><th></th></t<>	Foo	tage				Sam	ole			Assays	
3.0 CASTNG: boulder till. 0.2 ppb 3.1.0 CASTNG: boulder till. 0.2 15775 0.0 3.0 0.2 ppb 3.1.1 Sections; becomes fine-grained at 36.5-38.515775 5.0 5.0 3.0 3.0 5.5 3.1.1 Sections; becomes fine-grained at 36.5-38.515775 5.0 3.0 3.0 3.0 5.5 3.1.1 Sections; becomes fine-grained at 36.5-38.515779 15.0 3.0 3.0 3.0 3.0 5.5 3.1.1 Sections; becomes fine-grained at 36.5-38.515779 15.0 3.0 <td< th=""><th>From</th><th>To</th><th></th><th></th><th>Ne.</th><th>From</th><th>То</th><th>Length</th><th>Au</th><th>Au</th><th>Au</th></td<>	From	To			Ne.	From	То	Length	Au	Au	Au
3.0 CASTNG: boulder till. 3.0 CASTNG: boulder till. 38.5 CabBBRO: mediater dark grey, massive to l5775 6.0 9.0 3.0 l500 1500 1500 1500 1500 1500 1500 150									ZO	qdd	dqq
38.5 GABBRO: medium-grained, dark grey, massive to 15775 5.0 6.0 3.0 9.0 3.0 10cally schistose; minor sheared chloritic 15777 9.0 3.0 3.0 10cally schistose; minor sheared chloritic 15775 9.0 3.0 3.0 10cally schistose; minor sheared chloritic 15775 9.0 3.0 3.0 15771 9.0 12.0 3.0 3.0 3.0 15781 12.0 13.0 13.0 3.0 3.0 104.7 NUDESTTE FRAGMENTAL: 15788 30.0 3.0 3.0 3.0 104.7 ANDESTTE FRAGMENTAL: 15788 30.0 3.0 3.0 3.0 104.7 ANDESTTE FRAGMENTAL: 15788 30.0 3.0 3.0 3.0 104.7 ANDESTTE FRAGMENTAL: 15788 38.5 42.0 3.0 3.0 3.0 3.0 104.7 ANDESTTE FRAGMENTAL: 15788 38.5 42.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	0	0 m	CASING: boulder till.								
104.7 ANDESITE FRACMENTAL: 15.733.5 11577 9.0 12.0 3.0 15781 120.0 15.0 3.0 3.0 15782 121.0 24.0 3.0 15782 120.0 15.0 3.0 3.0 15782 120.0 15.0 3.0 3.0 15782 120.0 30.0 3.0 3.0 15783 15784 30.0 3.0 3.0 15784 38.5 4.0 3.0 3.0 15784 38.5 3.0 3.0 3.0 15784 38.5 3.0 3.0 3.0 104.7 ANDESITE FRACMENTAL: 15788 33.0 3.0 15784 36.0 38.5 42.0 3.0 3.0 104.7 Statute or grey crudely 15788 38.5 42.0 3.0 3.0 15786 36.0 38.5 42.0 3.0 3.0 3.0 1704 Att 15788 38.5 42.0 3.0 3.0 1470 at 41.0	0°0	38.5	GABBRO: medium-grained, dark grey,	assive to	577	•	•	٠		<u>م</u> م	
104.7 115778 112.0 115.0 310 310 15782 18.0 21.0 310 310 15782 18.0 21.0 310 310 15782 18.0 21.0 310 310 15782 24.0 21.0 310 310 15783 27.0 31.0 31.0 31.0 15784 30.0 33.0 31.0 31.0 15784 30.0 33.0 31.0 31.0 15784 30.0 31.0 31.0 31.0 15784 30.0 31.0 31.0 31.0 15784 31.0 31.0 31.0 31.0 15784 38.5 42.0 31.0 31.0 470 at 41.0 at 41.0 47.5 50.0 21.1 470 at 41.0 at 41.0 47.5 50.0 22.5 470 at 41.0 at 41.0 15788 45.0 47.5 52.5 4810 at 41.0 at 41.0 at 41.0 15788 <t< td=""><th></th><td></td><td>rained a</td><td>-38.</td><td>577</td><td>• •</td><td>• •</td><td>• •</td><td></td><td>n n</td><td></td></t<>			rained a	-38.	577	• •	• •	• •		n n	
104.7 MNDESITE FRAGMENTAL: 15780 18.0 3.0 3.0 3.0 104.7 ANDESITE FRAGMENTAL: 15781 21.0 21.0 3.0 3.0 15781 21.0 21.0 3.0 3.0 3.0 3.0 3.0 15782 24.0 27.0 30.0 3.0<					577	N	ы. С			ц П	
104.7 ANDESITE FRAGMENTAL: 15781 21.0 24.0 3.0 15781 21.0 24.0 3.0 3.0 3.0 15782 24.0 3.0 3.0 3.0 3.0 3.0 15783 32.0 33.0 3.0 3.0 3.0 3.0 3.0 15785 36.0 38.5 42.0 3.0 3.0 3.0 3.0 15785 38.0 38.5 42.0 3.0 3.0 3.0 3.0 13.5 banded, sheared section of mafic tuff (?) with 23% white to grey calcite; core angle 470 at 41.0. 3.5 42.0 3.0 47.0 3.5 0.01 470 at 41.0. at 41.0. 470 at 41.0. 15788 45.0 47.5 3.0 47.5 3.0 47.5 3.0 44.4 47 470 at 41.0. 42.0-104.7 generally fine-grained, green-grey, 15788 45.0 47.5 2.5 44.4 47 470 at 41.0. 42.0-104.7 generally coracle fragmental; 15769 47.5 5.6.0 2.2.5 4.4 4.7		- الم			577 578	ທີα		•		7 ~	
104.7 MUDESITE FRAGMENTAL: 15782 24.0 3.0 <t< td=""><th></th><td></td><td></td><td></td><td>578</td><td>• •</td><td> </td><td>• •</td><td></td><td>ი ი</td><td></td></t<>					578	• •	 	• •		ი ი	
104.7 MUDESITE FRAGMENTAL: 15783 37.0 3.0 <t< td=""><th></th><td></td><td></td><td></td><td>578</td><td>4.</td><td>1.</td><td>•</td><td></td><td>7</td><td></td></t<>					578	4.	1.	•		7	
104.7 ANDESTTE FRAGMENTAL: 15768 35.0 3.0 <t< td=""><th></th><td></td><td></td><td></td><td>578</td><td>~</td><td></td><td>•</td><td></td><td>4' (</td><td></td></t<>					578	~		•		4' (
<pre>104.7 ANDESITE FRAGMENTAL: 104.7 ANDESITE FRAGMENTAL: 38.5-42.0 fine-grained, green-grey; crudely banded, sheared section of mafic tuff (?) with 25% white to grey calcite; core angle 470 at 41.0. 42.0-104.7 generally fine-grained, green-grey, 15787 42.0 45.0 3.0 42.0-104.7 generally fine-grained, green-grey, 15787 42.0 45.0 3.0 1 apilli tuff; locally coarse fragmental; fispres fragmental; minor weakly magnetic bands or parches; fispres fragmental; fispres fragments; fispres fragmental; fispres fragments; fispres fragments;</pre>					578 578		 	• •		າທ	
<pre>104.7 ANDESITE FRAGMENTAL: 104.7 ANDESITE FRAGMENTAL: 38.5-42.0 fine-grained, green-grey; crudely banded, sheared section of mafic tuff (?) with 25% white to grey calcite; core angle 470 at 41.0. 42.0-104.7 generally fine-grained, green-grey, 15787 42.0 45.0 3.0 3.0 42.0-104.7 generally foorse fragmental; 15788 45.0 47.5 2.5 1apilli tuff; locally coarse fragmental; 15789 47.5 50.0 2.5 1apilli tuff; locally coarse fragmental; 15769 50.0 53.1 3.1 tr minor weakly magnetic bands or patches; 15770 53.1 57.5 4.4 tr heavily carbonatized (white to grey calcite is15771 57.5 58.7 1.2 tr disseminated, in seams, & in irregular 15790 58.7 60.8 2.1 disseminated in seams, & in irregular 15791 60.8 65.0 3.0 flanked by a rind of chlorite; minor local 15791 60.8 65.0 3.0 disseminated garnet; calcite patches also host frequent white feldspar crystals & 15793 66.0 3.0 host frequent white feldspar crystals & 15793 65.0 10.0 host frequent white feldspar crystals & 15793 65.0 3.0 host frequent white feldspar crystals & 15793 157.0 3.0</pre>		•			578	6.	. .	•		12	
<pre>ine-grained, green-grey; crudely sheared section of mafic tuff (?) i white to grey calcite; core angle 11.0. generally fine-grained, green-grey, 15787 42.0 45.0 3.0 generally fine-grained, green-grey, 15788 45.0 47.5 2.5 tuff; locally coarse fragmental; 15769 47.5 50.0 2.5 tuff; locally coarse fragmental; 15769 50.0 2.5 tuff; locally coarse fragmental; 15769 50.0 2.5 tuff; locally coarse fragmental; 15770 53.1 57.5 4.4 tr f: locally appears to replace frag- nated, in seams, & in irregular 15790 58.7 60.8 2.1 - locally appears to replace frag- by a rind of chlorite; minor local 15794 69.0 3.0 by a rind of chlorite; minor local 15794 69.0 72.0 3.0 equent white feldspar crystals & 15795 72.0 75.0 3.0</pre>	38.5	_	ANDESITE FRAGMENTAL:		576	8	5.	٠	•		
white to grey calcite; core angle 11.0. generally fine-grained, green-grey, 15787 42.0 45.0 3.0 tuff; locally coarse fragmental; 15788 45.0 47.5 2.5 tuff; locally coarse fragmental; 15789 47.5 50.0 2.5 tuff; locally coarse fragmental; 15769 50.0 53.1 3.1 tr carbonatized (white to grey calcite)15770 53.1 57.5 4.4 tr oritized (green chlorite); calcite is15771 57.5 58.7 1.2 tr nated, in seams, & in irregular 15799 58.7 60.8 2.1 - locally appears to replace frag- locally aprears to replace frag- nated garnet; calcite patches also 15794 69.0 72.0 3.0 by a rind of chlorite; minor local 15794 69.0 72.0 3.0 equent white feldspar crystals & 15795 72.0 75.0 3.0		<u> </u>	green-grey;								
generally fine-grained, green-grey, 15787 42.0 45.0 3.0 3.0 tuff; locally coarse fragmental; 15788 45.0 47.5 2.5 tuff; locally coarse fragmental; 15789 47.5 50.0 2.5 50.0 2.5 takly magnetic bands or patches; 15769 50.0 53.1 3.1 tr carbonatized (white to grey calcite) 15770 53.1 57.5 4.4 tr ortitized (green chlorite); calcite is 15771 57.5 58.7 1.2 tr lated, in seams, & in irregular 15790 58.7 60.8 2.1 - locally appears to replace frag- 15791 60.8 2.1 by a rind of chlorite; minor local 15793 66.0 3.0 by a rind of chlorite; minor local 15793 66.0 72.0 3.0 determine feldspar crystals & 15795 72.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75			white to grey calcite; c	ang							
tuff; locally coarse fragmental; 15788 45.0 47.5 2.5 2.5 tuff; locally coarse fragmental; 15769 50.0 53.1 3.1 tr carbonatized (white to grey calcite) 15770 53.1 57.5 4.4 tr carbonatized (green chlorite); calcite is 15771 57.5 58.7 1.2 tr nated, in seams, & in irregular 15790 58.7 60.8 2.1 1.2 tr l atch, in seams, & in irregular 15791 60.8 63.0 2.2 by a rind of chlorite; minor local 15794 69.0 72.0 3.0 atches of calcite patches also 15794 69.0 72.0 3.0 atche patches also 15795 63.0 72.0 3.0 by a rind of chlorite; minor local 15794 69.0 72.0 3.0 atche patches also 15795 72.0 76.0 3.0 by a rind of chlorite; minor local 15795 72.0 75.0 3.0 by a rind of chlorite; minor local 15795 72.0 75.0 3.0 by a rind of chlorite; minor local 15795 72.0 75.0 3.0 by a rind of chlorite; minor local 15795 72.0 75.0 3.0 by a rind of chlorite; minor local 15795 72.0 75.0 3.0 by a rind of chlorite; minor local 15795 72.0 75.0 3.0 by a rind of chlorite; minor local 15795 72.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75			cenerally fine-orained.			42.0	45.0				
coarse fragmental; 15789 47.5 50.0 2.5 bands or patches; 15769 50.0 53.1 3.1 tr (white to grey calcite) 15770 53.1 57.5 4.4 tr chlorite); calcite is 15771 57.5 58.7 1.2 tr s, & in irregular 15790 58.7 60.8 2.1 1.2 tr s, & in irregular 15791 60.8 63.0 2.2 cite are generally 15792 63.0 66.0 3.0 colorite; minor local 15793 66.0 69.0 3.0 colorite; minor local 15793 66.0 69.0 3.0 calcite patches also 15794 69.0 72.0 3.0 calcite patches also is 72.0 75.0 3.0 ively carbonatized at ively carbonatized at is 15795 72.0 75.0 3.0 colorite is 15795 72.0 75.0 75.0 100 100 100 100 100 100 100 100 100 1			se; variable ash, crystal			<u>л</u> .		•		8	
bands or patches; $1576950.055.157554.4$ tr (white to grey calcite) $1577053.157.54.4$ tr n chlorite); calcite is $1577157555.51.12$ tr s, & in irregular $1579058.760.82.1$ 1.2 tr ears to replace frag- $1579160.863.02.2$ cite are generally $1579263.066.03.0$ chlorite; minor local $1579366.069.03.0$ calcite patches also $1579469.072.03.0$ eldspar crystals & $1579572.075.03.0$			coarse	••		~		•	-	8	
white to grey catches [577] 57.5 58.7 1.2 tr ms, & in irregular [5790 58.7 60.8 2.1 1] pears to replace frag- [5791 60.8 63.0 2.2 1] lcite are generally [5792 63.0 66.0 3.0 chlorite; minor local [5793 66.0 69.0 3.0 chlorite; minor local [5794 69.0 72.0 3.0 feldspar crystals & 15795 72.0 75.0 3.0 sively carbonatized at			bands or	(+	0/CT			•			
rregular 15790 58.7 60.8 2.1 1 eplace frag-15791 60.8 63.0 2.2 generally 15792 63.0 66.0 3.0 minor local 15793 66.0 69.0 3.0 atches also 15794 69.0 72.0 3.0 rystals & 15795 72.0 75.0 3.0			(wiirte to en chlorit	ה. נו ה. נו	L577	· · ·	• • •	• •	t i		
 locally appears to replace frag- batches of calcite are generally by a rind of chlorite; minor local l5793 66.0 69.0 3.0 lated garnet; calcite patches also squent white feldspar crystals & heavily/massively carbonatized at 15795 72.0 75.0 3.0 			disseminated, in seams, & in irre		1579	ω		•			
patches of calcite are generally 15792 63.0 66.0 3.0 1 by a rind of chlorite; minor local 15793 66.0 69.0 3.0 nated garnet; calcite patches also 15794 69.0 72.0 3.0 equent white feldspar crystals \hat{k} 15795 72.0 75.0 3.0 i, heavily/massively carbonatized at			appears to	ace frag-	579	0					
calcite patches also 15793 66.0 69.0 3.0 calcite patches also 15794 69.0 72.0 3.0 eldspar crystals & 15795 72.0 75.0 3.0 ively carbonatized at	·		patches of calcite are	erally	579	mι		•		· ب	
eldspar crystals & 15795 72.0 75.0 3.0 ively carbonatized at			garnet; calcite pa		579 79	ρο			<u></u>	o (r	
ively carbonatized at			white feldspar	UD	579					n œ	
			ively	zed a	`		•	•) 	

.

Rajah	Anomaly Defe	Deformation	₩.	one D.D .	D.H. Nº. I	KGRA-8	8-20	ر ا
Collar L400W/415N metric grid	Azimuth 135 ⁰	0	Dip -	45 ⁰		Depth	257'	
K.895622 Logged By W.C. Hood	StartDec. 7,	/88	Finish Dec	Jec. l	1/88	Page	2 of 4	
Kenora Soil and Drilling	Core Size BQ	2	Dip	Dip Test	l I			
			Sample	ple			Assays	
GEOLOGY		Ne.	From	To	Langth	Au	Au	
57 5 - 58 7 67 2-68 3	3-87 B	579	្រ	α		zo	dqq	
94.3-97.9.		579	n coo		• •		5 4	
		579	2 5	• •	• •	+ 7	н	
		579	$\sim \sim$		• •	;	ω,	
		580 580	o ო	 m. 10				
		15802	96.0	50	0.0			
		580	02.0	4	• •			
ZED ANDESITE FRAGMENTAL: n with 25% fragments & pa tized/biotitized andesite atized feldspar crystals ix of fine-grained, white e; minor greenish fuchsit	<pre>: schistose partings of te and minor s & patches in te to grey site (?); core</pre>	15805 15773 15774	104.5 107.0 110.4	107.0 110.4 113.2	2.5 2.8 8.4	t t t t	н	
at 100.1. ITE TUFF: fine-graine talcose, chloritic,	d, grey, sheared	15806	113.2	115.9	2.7		м	
DACITE/ANDESITE TUFF:		80	ۍ ۲	119.	•		Н	
<pre>115.9-126.6 fine~ to medium-grained, schistose; crystal to locally lap</pre>	grey, illi tuff.	15808 15809	119.4 123.0	123.0 126.5	3.5		el el	
ned, greý, s d andesite a rystal tuff	chistose; sh tuff with a at 130.7-131.6	15810 15811	126.5 130.1	130.1 133.6	9.0 7.0		ч ю	
DACITE TUFF: fine- to medium-grained, schistose; crudely bedded section	1, grey, n varying	15812 15813	33.	14	• •		<u>г</u> ц	
between ash & crystal tuff, with	white	581	141.0	144.	3.0	<u></u>		

location Ba	Raiah		Anomaly Def	Deformation		Zone DDH	Ne	KGRA-8	8-20	
l ä	t Collar	L400W/415N metric grid		0	· _	- 1 - 1 - 1		Depth	257'	بر ا
Claim N ² . K. 895622	95622	Logged By W.C. Hood	Start Dec. 7	/88	Finish		1/88	Page 3	of	4
Drilled By	d.	Soil and Drilling	Core Size _E	BQ	Dip	Test	1			
Faotage					Sample	ole			Assays	
From To		GEULUGI		N ^e .	From	To	Length	Au	Au	Au
	Frid Frid Frid	anhedral to euhedral feldspar cry to 1/10"; minor irregular veinlet bleached patches with epidote-fil fractures; rare potassic alterati	stals up s; minor led on.	15815 15815 15817 15817 15818 15819 15820	144.0 147.0 150.0 153.0 153.0 156.0	147.0 150.0 153.0 156.0 159.0	0.000 0.000 0.000	ррь 10 15 10	ppb 25 25	qdd
161.8163.6	MAFI	fine-grained, dark gre le-biotite-calcite schi ck amphibole, 30% white , & 10% black biotite; ite; top contact at 40 ^c at 39 ^c .	y, schistose; st unit with e to grey trace , lower	15821	161.7	163.7	2.0	12	ы	
163.6245.0		DACITE TUFF: generally as at 133.4-16 locally fine bedded ash tuff; tra grained disseminated pyrite in bl zone at 163.6-164.2.	61.8; ace fine- leached	L5822 L5822 L5823 L5825 L58336 L58336 L5844 L5844 L5844 L5844 L5844 L5844 L5844 L5844 L5844 L5844 L5844 L5844	163.7 165.8 165.8 171.0 171.0 174.0 174.0 174.0 198.0 192.0 192.0 192.0 192.0 201.0 201.0 201.0 213.0 215.0	165.8 171.0 171.0 174.0 183.0 186.0 186.0 192.0 195.0 195.0 198.0 201.0 201.0 201.0 201.0 213.0 213.0 215.0 213.0 215.0	00000000000000000000000000000000000000	1001 1023 01023 01000 010000000000	1 2 2 2 2 2 2 2 2 2 2 2 2 2	40 0011000040

Au ppb m

	-									
Location	Rajah		Anomoly Deformation	rmatic	n Zone	e D.D.H.	Nº.	KGRA-88	-20	Ì
Coordinates at Collar	es at (ollar L400W/415N metric grid	Azimuth 135	0	Dip -	45 ⁰		Depth	257'	
Claim Nº	K.895622	5622 Logged By W.C. Hood	Start Dec. 7	7/88	Finish	Dec. 1	1/88	Page 4	of	4
Drilled By		Kenora Soil and Drilling	Core Size B	BQ	Dip	Dip Test	1			
Footage,	•				Sample	ole		A	Assays	
From '	70	BEDEDEL		N ⁹ .	From	20	Length	Au		
				158512 158522 158522 158552 158555 158562 158562 158562 158562 158562 158562 158562	219.0 2222.0 2225.0 2231.0 234.0 237.0 237.0 243.0	2222.0 2225.0 2231.0 234.0 234.0 234.0 234.0 234.0 234.0 234.0 2240.0 2240.0 2246.0	000000000 	PPb 15 15 236 47 236 99 10		
245.0 2	251.6	SHEARED DACITE TUFF: fine- to medium-g grey, schistose; sheared, locally section of the same dacite tuff as and below; bleached section at 248 250.5; trace garnet; locally trace grained disseminated pyrite; core 55 at 248.6.	medium-grained, locally altered tuff as above n at 248.1- ly trace fine- e; core angle	158602	246.0 248.1	248.1 250.5	2.1	144		
251.62	257.0	DACITE TUFF: generally as at 133.4-16.	61.8.	15862 15863	250.5 253.5	253.5 257.0	3.5 0.5 0.5	15		
<u>v</u>		5				;				
	. <u></u>	William C. Hood,	P.Eng.							
•										

Location		Roseman	Anomaly Main	n Vein		D.C	D.D.H. Nº F	KGRS-88	8-21	Ļ
Coordinates at Collar	ites at	Collor 705E/070N metric grid	Azimuth 050 ⁰		Dip .	-45 ⁰		Depth	87'	L.
Claim Nº		K.1017840 Logged By W.C. Hood	Start Dec. 1	16/88	Finish	Dec.	18/88	Page	1 of	ы
Drilled	By Ke	Kenora Soil and Drilling	Core Size BQ		Dip	Dip Test	1			
Footage	ge				Sample	ple			Assays	
From	5	GEOLOGY		ы N	From	Q	Length	Au		
0	0.6	CASING: boulder till, broken outcrop.								
0.0	66.5	MAFIC TUFF/FRAGMENTAL: fine-grained, grey to greenish-grey, schistose; hole almost directly down foliati core angles range from 0° to 20°,	brownish- drill .on - frequent							
		<pre>biotitic, chloritic, carbonatized, amphibolite layers; local minor py</pre>	and .	15826	65.5	66.5	1.0	tr		
66.5	69.3	QUARTZ VEIN: white to grey, glassy mostly barren white quartz but patches & fracture controlled z grey quartz with sulphide miner 1% pyrite, trace chalcopyrite & denite; trace pyrrhotite along tact; both contacts irregular.	Igary; lly of ation; tb- con-	15827	66.5	69.4	5.0	0.06		
69.3	87.0	MAFIC TUFF/FRAGMENTAL: generally 66.5, but more amphibolite la cutting fracture with quartz pyrite crystals at 74.9.	9.0- cross- rse	15828	69.4	70.4	1.0	t		
	87.0	END OF HOLE.	R		_					
		William C. Hood, P.Eng.	P.Eng.			=				
		9.						<u></u>		
				-						

Coordinate of Collor 7052/070N metric gridAzimuth 050°Dip -65°Depth127'Cloim MF R.1017840Logged BY W.C. HoodStort Dec. 13/88Proge1 of 1Drilled BYK=norza Soil and DrillingCore Size BQDp Test \overline{rourse} 103.0CASTNG: boulder till. \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} 1103.0CASTNG: boulder till. \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} 1103.0CASTNG: boulder till. \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} 1203.0CASTNG: boulder till. \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} 13.0CASTNG: boulder till. \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} 13.11271.0MAFTC \overline{rurse} \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} 120.1MAFTC \overline{rurse} \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} 121.10 \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} \overline{rourse} 11 <t< th=""><th>Location</th><th>1 1</th><th>Roseman</th><th>Anomaly M</th><th>Main Ve</th><th>Vein</th><th>ra:a</th><th>D.D.H. Nº.</th><th>KGRS-</th><th>-88-22</th><th></th><th>ر ا</th></t<>	Location	1 1	Roseman	Anomaly M	Main Ve	Vein	ra:a	D.D.H. Nº.	KGRS-	-88-22		ر ا
X.1017840Gore Size BQJoh Test -YXenora Soil and DrillingCore Size BQDp Test -nSempleIdeaAssortancenSoil and DrillingCore Size BQDp Test -nScampleIdeaAssortancenScampleAssortance <t< td=""><td>Coordin</td><td></td><td>705E/070N metric</td><td></td><td>0</td><td>9</td><td>50</td><td></td><td>Depth</td><td>127</td><td></td><td>.</td></t<>	Coordin		705E/070N metric		0	9	50		Depth	127		.
By Kenora Soil and Drilling Core Size BQ Dip Test - 70 70 6EOLOGY Sample - 70 3:0 CASING: boulder till. 9:0 Test Sample Au 3:0 CASING: boulder till. 3:0 CASING: boulder till. 6:0 CloGY Sample Au 127:0 Marc TUTP YRAGNENTAL: fine-grained, brownish- grey TUTP YRAGNENTAL: fine-grained, brownish- grey to greening-grey, schistose, drill. Au Au 127:0 Marc TUTP YRAGNENTAL: fine-grained, brownish- grey to greening-grey, schistose, and biotitic, cholicitic, cabonatized, and purchotte, & fallocyprite, marcw creas, and purchotte, & fallocyprite, marcw creas, and purchotte, et allocopyrite, and grey tugartz vein at 46.3 Au Au 137:0 guartz-tourmajine vein at 46.3 9:7-09.3 10.0 10.0 10.0 138:0 guartz vein with 3% pwite 6 15832 67.0 69.3 70.3 11.0 0.10 138:0 guartz vein with 3% pwite 6 15833 70.3 72.3 11.0 0.10 138:0 Ge80.7 70.3 70.3 73.3 73.1 10.0 10.0 138:0 Ge80.7 70.3 15833 73.3 73.1 10.0 10.0 127.0 From prite 6 15833 <td>Claim N</td> <td></td> <td>Logged By W.C.</td> <td></td> <td>18/88</td> <td>Finish D</td> <td></td> <td>9/88</td> <td>Page</td> <td></td> <td></td> <td></td>	Claim N		Logged By W.C.		18/88	Finish D		9/88	Page			
OtopeSompleSomple7070Form70A713.0CASING: boulder till.3.0CASING: boulder till.3.03.0CASING: boulder till.3.0CASING: boulder till.3.09rey!9rey!9rey!19rey!9rey!9rey!119rey!9rey!9rey!119rey!9rey!10.020';Frequent9rey!9rey!0.020';Frequent19rey!9rey!9rey!10.160.169rey!9rey!9rey!10.160.169rey!9rey!9rey!1582967.069.32.39rey!9rey!9rey!1583170.31.00.169rey!9rey!9res!1583370.31.01.09rey!9res!9res!1583370.31.01.09rey!9res!9res!1583370.31.01.09res!9res!9res!1583370.31.01.09res!9res!1583370.31.01.01.09res!9res!9res!1.01.01.01.09res!9res!9res!1.01.01.01.09res!9res!9res!9res!9res!1.01.09res!9res!9res!9res!1.01.01.09res!9res!<	Drilled	By	Soil and	Size	ð	Dip	Test	ſ				
ToToLengent3.0CASING: boulder till.3.0CASING: boulder till.3.0CASING: boulder till.3.0Grant of greenish-grey schletose; drillprev to greenish-grey schletose; drillbolo almost directly down follose; drillenon-bolo almost directly down follose; frequentbolo almost directly down follose; drillbolo almost directly down follose; drillbolo amplobitebolo amplobite; from 0bolo 20; frequentbolo amplobite; from 0bolo 20; frequentbolo amplobite; from 0bolo 20; from 1bolo 20; from 1 </td <td>Foot</td> <td>age</td> <td></td> <td></td> <td></td> <td>Sampi</td> <td>le I</td> <td></td> <td></td> <td>Assay:</td> <td>5</td> <td></td>	Foot	age				Sampi	le I			Assay:	5	
<pre>3.0 CASING: boulder till. 127.0 MAFTC TUFF/FRAGMENTAL: fine-grained, brownish- hole almost directly down foliations in the form of the sines of an indication of the sines of an indication of the sines of the</pre>	From	To	GEOLUGI		N ² .	From		Length	Au			
<pre>127.0 MAFIC TUFF/FRAGMENTAL: fine-grained, brownish- grey to greenish-grey, schistose; drill hole almost directly down foliabion - core angles range from 0 to 20; frequent blottito, chloritic, calonatized, and amphibolite layers; local minor pyrite, pyrinbetie, a chalcopyrite; narrow cross- cutting quartz-tourmaline vein at 46.3 with core angle at 20; white to grey glassy quartz vein with 3 pyrite & 15830 69.3 70.3 1% chalcopyrite in wall-15832 72.1 71.0 1% chalcopyrite, at 72.9 - minor pyrite, pyrrhotite, & chalcopyrite in wall- 15831 70.3 72.1 1.0 1% chalcopyrite & at 72.9-73.1; grey sugary quartz vein with lnon pyrite in wall- 15833 73.1 75.1 2.0 1% of 0.6-80.7; white to grey quartz vein with nor pyrite & pyrrhotite at 97.1-97.4; 127.0 END OF HOLE. Willing at 121.0-121.1. Willing at 121.0-121.1. Willing</pre>	0	3.0	CASING: boulder till									
<pre>grey to greenish-grey, schistose; drill hote almost directly down foliation - core angles range from 0 20; frequent biotitle, chloritic, carbonatized, and amphibolite layers; local minor pyrite, and pyrrhotite, & chalcopyrite; narrow cross- cutting quartz-realminor pyrite (15829) glassy quartz vein at 69.7-69.9; white to glassy quartz vein with 3% pyrite & 15831 972.1 7311 1.0 1% chalcopyrite at 72.4-72.9 - minor pyrite, pyrrhotite, & chalcopyrite in wall- 19831 70.3 1.0 18 chalcopyrite at 72.4-72.9 - minor pyrite, pyrrhotite, & chalcopyrite in wall- 19832 72.1 7311 1.0 15833 73.1 75.1 2.0 sugary quartz vein with minor pyrite at 80.6-80.7; white to grey quartz vein with ninor pyrite & pyrrhotite at 97.1-71.1 2.0 filling at 121.0-121.1. END OF HOLE. Milliam C. Hood, P.Eng.</pre>	3.0	127.0	MAFIC TUFF/FRAGMENTAL: fi	brownish-								
	· · · · · · · · · · · · · · · · · · ·	127.0	grey to greenish-grey, schistose hole almost directly down foliat core angles range from 0° to 20° biotitic, chloritic, carbonatize amphibolite layers; local minor pyrrhotite, & chalcopyrite; narr cutting quartz-tourmaline vein a with core angle at 20°; white to glassy quartz vein at 69.7-69.9; grey sugary quartz vein with 3% l% chalcopyrite at 72.4-72.9 - m pyrite, pyrrhotite, & chalcopyri rock at 72.2-72.4 and 72.9-73.1; sugary quartz vein with minor py 80.6-80.7; white to grey quartz minor pyrite & pyrrhotite at 97. cross-cutting calcite-epidote fr filling at 121.0-121.1. END OF HOLE. William C. Hood,	rite, cross- cross- cross- tey tey in wall- in with 7.4; ture tree at tree tree tree tree tree tree tree tr	15832 15832 15833 15753 157553 157553 157555 157555 157555 157555 157555 1575555 1575555 1575555 157555555 15755555555	667. 960 37.19 96. 73	69.3 72.1 73.1 97.7 97.7	02 01 03 03	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			

APPENDIX B DESCRIPTION OF SAMPLES ۰.

DESCRIPTION OF SAMPLES FROM MAIN SHEAR

KGRJ 88 1: Grab sample, rusty weathering, sheared, silicified zone with minor green diopside, 20% sugary quartz and 3% pyrrhotite.

.

KGRJ 88 2: Composite grab sample, massive coarse grained green diopside with 5% quartz and 5% calcite.

KGRJ 88 3:

Grab sample, rusty weathering, banded rock containing 60% green diopside, 30% biotite schist and 5% white calcite.

KGRJ 88 4: Composite grab sample, rusty, sheared gabbro with 2% disseminated pyrite and pyrrhotite.

KGRJ 88 5: Grab sample, rusty, sheared, weakly banded gabbro with 10% diopside, 5% pyrrhotite in weak bands and trace chalcopyrite. DESCRIPTION OF GRAB SAMPLES TAKEN BY AUTHOR FROM RAJAH PROPERTY.

- 1710 Rajah shaft dump. Two-centimetre quartz vein with pyrrhotite in altered chloritic mafic rock with pyrite stringers.
- 1711 Rajah #1 shaft dump. White quartz with thin chloritic laminae and minor pyrite.
- 1712 Rajah #1 shaft dump. White quartz with 5% pyrrhotite and chalcopyrite and chlorite stringers.
- 1713 Trench need Conteman showing. Banded chert-pyrrhotite iron formation.
- 1714 #4 trench on Rajah. White to grey quartz with thin tourmaline partings.
- 1715 #4 trench on Rajah. Grey-black quartz with thin rust partings.
- 1716 #4 trench on Rajah. White-grey quart 1% pyrite on fracture faces.

APPENDIX C ASSAY AND ANALYSIS CERTIFICATES



Geochemical Lab Report

.

REPORT: 088-52902.0) (CONPLETE)				REFERENCE INFO:	
CLIENT: W.C. HOOD G PROJECT: NGNE	GEOLOGICAL CONS.				SUBMITTED BY: W.C. HOOD DATE PRINTED: 6-00T-88	······································
OKUER	ELEMENT		LOWER DETECTION LIMIT	EXTRACTIO:	₩E TH CD	
	Au Gold Au Rew Au Reweigns	184 4	1 PP8 1 PP8	AUUA REGIA	FireAssay/OC Piasca	
	Au Rew Au Reweighs Testwt Fire Assay Test Wt,	4 11	1 825 0.01 ens			
SAMPLE	TYPES NURSER	SIZE FA	PACTIONS	NUMBER	SACOLE PREPARATIONS NUCCER	
ORC	GANIC OP HUMUS 184	-1()	184	Sieve -10 184	<u></u>
REMARK	S: ALL SAMPLES WERE TOTALLY < MEANS LESS THAN	PREPARED.				
REPORT	COPIES TO: BOX 1722 KENORA GOLD OCCU	RRENCES		INVOI	CE TO: BOX 1722	

Bondar-Clegg & Company Ltd.
 5420 Canotek Road
 Ottawa, O---io
 K11 8X5
 (613) 749-2220 Teles 053-3233

.



Geochemical Lab Report

EPORT: 088-	52902.0]		PPOJE	T: NONE		PAGE 1
IAMPLE IUMBER	ELEMENT UNITS	Au PPB	AU Reh PPB	Au Rew PP5	Testwt ars	SAMPLE NUMBER	ELEMENT UNITS	Au PP8	AU REW AU REW PPB PPB	
L0-1+705		3	BLAC	K STUR	SEON	L3E-0+704		2	Rosem	en
LO 1+805		3		GEOCH		L3E-0+60N		<1	- 1	
LO-1+986		4		1		L 3E-0+40%		<1		
L0-2+00S		9				L3E-0+20N		î		
L0-2+10S	\sum	3		$\boldsymbol{\mathcal{A}}$		L3E-0+10N		3		
L0-2+20S		<u>_</u> (1	_/		· · · · · · · · · · · · · · · · ·	L3E-0+00%		2		
170-1+60S		×.				L 3E-A		4	1	
L70-1+70S		\bigwedge	$\overline{}$			L3E-8		8		5.00
L70-1+80S	/	7				LBE-C		9	1	
L70-1+90S		8				L4E-A		б		
L70-2+005	/	14			5.00	L4E-B		< <u>i</u>		
L70-2+105		8				1_4E-3+40k		2		• • •
170-2+205		5		1		LAE-3+30N		<2		5.00
170-2+305		5		<u> </u>		L4E-3+204		7		
L3E-3+4()N		Ó	-	L GEC		TION LIE-3+100		<1		
L3E-3+30%		8				L4E-3+004		7		
L3E-3+20N		7				L4E-2+90#		7		
L3E-3+10#		5				L4E-2+80-		4		
13E-3+00N		3				L48-2+60%		4		
L3E-2+90N						L4E-2+508		2		
L3E-2+80N		5				L4E-2+40+		3		
L3E-2+70×		5				L4E-2+304		12		.
L3E-2+60N		<1		ļ		14E-2+20N		2	ļ	5,00
L3E-2+50N		3				L4E-2+108		5		
13E-2+40N		<1				L 4E-2+004		5		
L3E-2+30N		<1				L4E-1+90N		<2		5.00
L3E-2+20N		<i c</i 				L4E-1+60N		12		5.00
L3E-2+10N		<1		ł		L 4E -1+70N L 4E -1+60N		0 D		5.00
L3E-2+0CN L3E-1+90N		4 <1				L4E-1+600 L4E-1+50N		3		
L3E-1+80N	·····	<1				L 4E-1+404		6		
L3E-1+70N		<1				L4E-1+30%		12		
L3E-1+60N		<1		l		L4E-1+20N		9	{	
L3E-1+50N		<1		ļ		L4E-1+10N		5	ļ	
L3E-1+4CN		2				L2E-1+00N		5		
L3E-1+30N		<1				L4E-0+904		11		
- ' 3E-1+20N		5.				L 4E-Û+80%		1		
L3E-1+10N		<1		ł		L4E-0+709		3		
L3E-1+00N		4				L4E-0+60N		4		
L3E-0+80%		<1		1		L4E-0+50#		10		

Bondar-Clege & Company Ltd. 5420 Canotek Road Ottawa, Comiso K1J 8X5 - (613) 749-2220 Telex 053-3233



Geochemical Lab Report

•

REPORT: 088-52	2902.0						PROJE	CT: NON	E	PA	5E 2	
SAMPLE NUMBER	ELEMENT	Au PPB	Au Reh PPB	Au Rew PPB	Testw: ons	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au Peh PPB	Au Rew PPB	Testuz Gas	. <u></u>
L4E-0+40N		20	73	18	ROSEMAN	L6E-3+10N		6			1	
L4E-0+30N		3			1	L6E-3+00%		7				
L4E-0+20#		3				L6E-2+904		9				
14E-0+10N		8				16E-2+80+		14				
L4E-0+00#		i				L6E-2+70%		27	2	2		
L5E-3+40N		2				L6E-2+604		ó				
L5E-3+30N		2				L65-2+50A		10				
L5E-3+20N		<1			ł	L6E-2+40%		13				
L5E-3+10%		9			ļ	L65-2+304		4				
L5E-3+00N		2				L6E-2+200		11				
L5E-2+90N		2			·	L6E-2+10%		6				
L5E-2+80N		4			i	L6E-2+000		6				
L5E-2+70N		3			ł	L6E-1+90N		<1				
15E-2+50N		3				L6E-1+80#		<1				
L5E-2+50N		4				L6E-1+70N		<1				
L5E-2+40N		4				L6E-1+6UN		<1				
L5E-2+30N		3				L6E-1+50M		<1				
L5E-2+20N		4				L6E-1+40N		12				
L5E-2+10N		1				L6E-1+30/4		<1				
L5E-2+00N		3				L6E-1+20N		<1				
L5E-1+90N		2				L6E-1+10N		1	<u> </u>			
15E-1+80N		2				L6E-1+C0N		<1				
L5E-1+70#		2				L6E-0+90N		29	б	8		
L5E-1+60N		6			ļ	L6E-0+804		3				
L5E-1+50N		5				L6E-0+704		1				
L5E-1+40N		4				 L6E-U+6(M		2				
L5E-1+30N		5				L6E-0+504		9				
L5E-1+20#		5				téE-é+át¤		2				
15E-1+10N		17			1	L65-0+30-		2			ļ	
L5E-1+00N		2				L6E-0+204		<1				
L5E-0+90N		9				L6E-0+10k		1				
L5E-0+80N		7				L6E-0+004		2				
L5E-0+70N		11				L7E-3+10N		2				
15E-0+60N		36	7	12	1	L7E-3+60N		<1				
L5E-0+50N		9				L7E-2+908		3				
L5E-0+40N		4				L7E-2+80N		4				
1.5E-0+30		8			1	L7E-2+70%		3				
L5E-0+20N		5				L7E-2+60N		3			ł	
L5E-0+10N		8			1	L7E-2+50N		5			ļ	
15E-0+00N		10				L7E-2+40N		2				



CERTIFICATE OF ANALYSIS

REPORT 5133

TO: KENORA GOLD OCCURRENCES INC. ATTN: JOHN DUNHAM 80 RICHMOND STREET, SUITE 302 TORONTO, ONTARIO M5H 2A4

CUSTOMER No. 1612

DATE SUBMITTED 24-May-88

REF. FILE 1469-

Total Pages 2

60 HUMUS

AU PPB NA DETECTION LIMIT

CHECK HUMUS GOLD ROSEMAN SAMPLING

X-RAY ASSAY LABORATORIES LIMITED

CERTIFIED BY

DATE 09-JUN-88

*** UNLESS INSTRUCTED OTHERWISE WE WILL DISCARD PULPS 180 DAYS *** AND REJECTS 30 DAYS FROM DATE OF THIS REPORT

X-RAY ASSAY LABORATORIES LIMITED 1885 Leslie Street Don Mills Ontario M3B 3J4 (416)445-5755 Fax (416)445-4152 Tix 06-986947



SAMPLE	AU PPB
001	30
002	8
003	21
004	24
005	21
006	160
007	99
008	28
009	40
010	17
011	17
012	15
013	17
014	17
015	11
016	15
017	12
018	13
019	3
020	14
021	9
022	9
023	22
024	13
025	13
026	12
027	15
028	12
029	11
030	11
031	5
032	6
033	8
034	9
035	11
036	6
037	11
038	9
039	15
040	12
041 042 043 044 045	12 17 13 7
046	11
047	15
048	19
049	14
050	12

X-RAY ASSAY LABORATORIES LIMITED 1885 Leslie Street Don Mills Ontario M3B 3J4 (418)445-5755 Fax (416)445-4152 Tix 06-986947



SAMPLE	AU PPB
051	8
052	11
053	11
054	2
055	9
056	10
057	10
058	7
059	8
060	8

X-RAY ASSAY LABORATORIES LIMITED 1885 Leslie Street Don Mills Ontario M3B 3J4 (416)445-5755 Fax (416)445-4152 TIx 08-986947

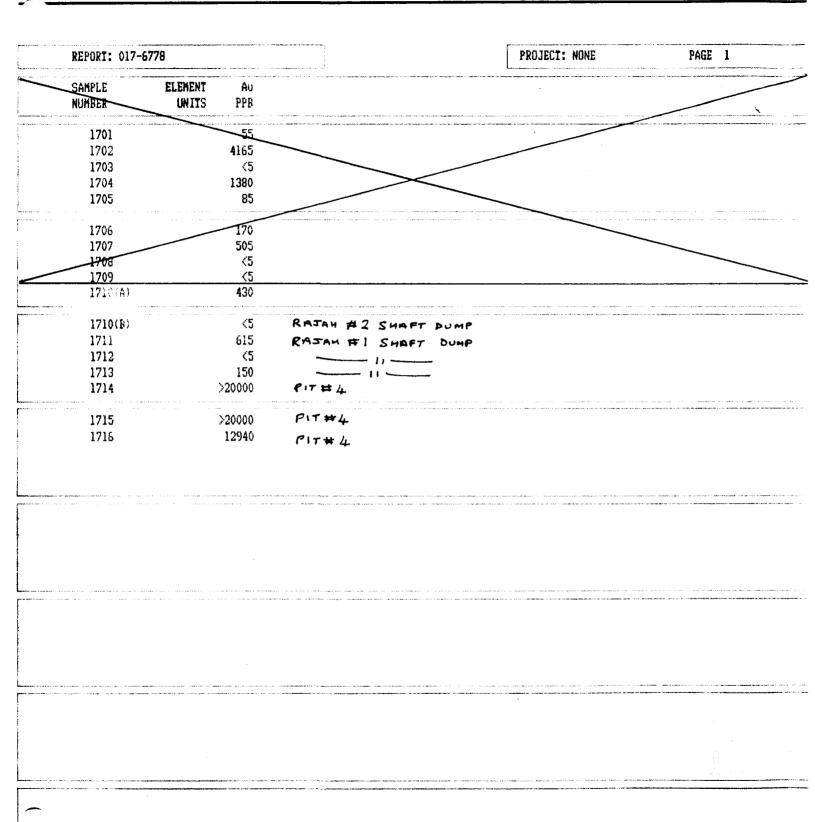
Bondar-Clegg & Company Ltd. 5420 Canotek Rd.. Ottawa. Opterio. Canada K Phone: (6: 9-2220 Telex: 053-3233 

F

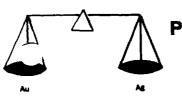
40

BONDAR-CI

LIENT: J.A. GOODW ROJECT: NONE	N	op di generation communit			WBMITTED BY: J.A. GOODWIN WATE PRINTED: 14-DEC-87	
ORDER ELI	ement	NUMBER OF ANALYSES	LOWER Detection limit	EXTRACTION	NETHOD	
l Au	Gold	17	5 PPB	AQUA REGIA	FA-AA 2 30 gm weight	
SAMPLE TYPES	NUMBER	SIZE FI	RACT IONS	NUMBER	SAMPLE PREFARATIONS NUMBER	
ROCK	17	-200		17	CRUSH, PULVER IZE -200 17	
S I: Au		SULIS ARE AS 1714 737 1715 337	FOLLOWS: 790 AND 61390 725 AND 37325			
				INVOICE TO: MR. GOODWIN		

Bondar-Clegg & Company Ltd. \$420 Canotek Rd., Ottawa, Optenio, Canada K 5 Phone: (61 -9-2220 Telex: 053-3233 

21



PAUL'S CUSTOM FIRE ASSAYING LTD.

Phone: Bus. (807) 662-8171 Res. (807) 662-3361

PAUL OKANSKI, Assayer Box 253, Cochenour, Ontario POV 1L0

Kenora Gold Occurances

ASSAY CERTIFICATE

Date: Dec. 14-88

	Sample No.	Description	oz/ton Au	oz/ton Ag
•	15767	RAJAH DEFORMATION ZONE DRILL HOLE KERA-88-20	Tzace	<u> </u>
2	68	1/	. 03	
3	69		Trace	
4	7 0		**	
5	71		¥7	
6	72		•	
7	73		11	
8	74		9t	
9				
.0				
1				
2				
3				
4				
5				
6				
.7				
8				
9				
20				
21				
22				
3				
_4				
25			1	



PAUL'S CUSTOM FIRE ASSAYING LTD.

Kenora Gold OcMcurances Ltd. ASSAY CERTIFICATE

Phone: Bus. (807) 662-8171 Res. (807) 662-3361

PAUL OKANSKI, Assayer Box 253, Cochenour, Ontario POV 1L0

Date: Jan. 3-89

1	Sample No.	Description	oz/ton Au	oz/ton Ag
1	15826	RAJAH-ROSEMAN PROPERTY: 88-21	Trace	
2	27	//	.06	
3	28	i/	Trace	
4	29	DRILL HOLE 88 - 22	11	
5	30		.16	
6	31		Trace	
7	32		.10	
8	33		Trace	
9	34		••	
10	35	11	.05	
11				
12				
13				
14				<u> </u>
15				
16				
17	·,			
18	·			
19				
20				
21	······			
22				
23	<u> </u>			
.4				<u> </u>
25			Λ	<u> </u>



EPORT: 089-50058.0 (COMPLETE)				EFERENCE 10F0:	
LIENT: KENDRA GOLD Roject: Home				USALTTED BY: ATE PRINTED: 20-344-89	
ORDER ELEFENT		LÚMER DERECTION LIMIT	EXTRACTION	•E [™] - 39	
1 Au Gold 2 Au Rew Au Reweichs		1 PPB 1 PPB	ADUA REGIA	FireAssey/00 Plasta	
3 Au Rew Au Reweitans 4 Au Rew Solo Reweitans	12 1	1 998 1 998			
SAMPLE TYPES NUMBER		4010340		\$4#010 0000000000000000000000000000000000	
09100 0085 79	-20]	77	Chushiri venize tich if	
REMARNS: RASHITS WERE RETENTED AGA RESULTS AS ROLLOWSK KI K MEANS LESS TRAN	(n f(f <u>f</u> +f)	<u></u>			
REPORT COPIES TO: 502-80 RICHMOND R.C. FOCD RECOV			144310	5 70: 502-80 Alex-940 Si. W.	
·····					<u></u>
······································					
<u> </u>					
				Λ	
				-4/	

Bon¹ ar-Clegg & Company Ltd. 5420 Canotek Road Ottawa, O¹ 2 K1J 8X5 (613) 749-2220 Telex 053-3233



REPORT: 089-50038.0			R00103: M041		PA3E 1	
SAMPLE ELEMENT AU NUMBER UNITS PPS	AU REW AN REW AU R P26 P26 P	Rem SAMPLE 223 NUMBER	<u>ELERCAR</u> AU 24176 - 243	AU Pen AU Pen ADE ADE		
25775 8 15775 6 15777 3 15778 5 15779 7	RAJAH DEFORMAT DRILL HOLE 88	TION ZONE 158:5 -20 159:5 -50:7 159:8 258:9				
15783 3 15781 5 15783 1 15784 3		1980/2 1980/2 1980/ 1980/ 1980/ 1980/	10 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2			
15785 5 15785 11 15787 12 15783 8 15789 8		15625 15835 15837 15835 15835	5 5 25 5 22	5 5 7 7		
15790 17 25791 8 15792 5 15793 8 15794 5		16940 16841 15941 16843 15944	20 6 8 55 6	2 2 10 2 2 10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	j	
15795 8 15795 4 15797 2 15793 1 15799 8		2 5645 19545 19647 19647 19645 29645	52 52 52 53 53 12			
15800 1 15801 -1 15802 <1		15851 15851 15852 15853 15854	88 15 6 23 25	<u>.</u>		
15805 1 15803 3 15803 41 15803 <1		15655 15656 15657 15655 15655 15655	110 47 5 94 10			
15910 1 15811 5 .5812 7 15813 <1		15860 15251 15852 15863	14 12 5 15			

 Bondar-Ckegg & Company Ltd. 5420 Canotek Road Ottawa, ¹ rio K1J 8X5 (613) 749-2220 Telex 053-3233



REPORT: 088-52902.0							PROJECT: NDAE PAGE 3					
SAMPLE Number	ELEMENT UNITS	Au PPB	Au Rew PPo	Au Rew PP8	Testwt ges	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au Rew PP8	Au Reh PPB	Testwt gris	
L7E-2+30N		3				RO	SEMAN					
L7E-2+20N		3					1					
17E-2+10N		3					ł					
L7E-2+00N		8			5.00							
L7E-1+90N		8			5.00							
L7E-1+80N		2										
L7E-1+70N		7										
L7E-1+60N		3										
L7E-1+50N		3										
L7E-1+40#		4			5.00							
L7E-1+30N		<u></u>				-						
L7E-1+20N		2										
L7E-1+10N		2										
L7E-1+00×		2										
L7E-0+9EN		4					f					
		<u>``</u>										
L7E-0+80#		1										
L7E-0+70N		7										
L7E-0+60N		4										
L7E-0+50N		6										
L7E-0+40N		4		. <u></u>								
L7E-0+30N		8								<u> </u>	•·	
L7E-0+20×		9										
L7E-0+10N		б			5.00							
L7E-0+00N		<1										
							\checkmark					
									<u></u>	., <u></u> .,		
				· ·		·						
<u> </u>						- 						



PAUL'S CUSTOM FIRE ASSAYING LTD.

Phone: Bus. (807) 662-8171 Res. (807) 662-3361

PAUL OKANSKI, Assayer Box 253, Cochenour, Ontario POV 1L0

Kenora Gold XOcumrances Ltd

ASSAY CERTIFICATE

Date: Dec. 8, 1988.

	Sample No.	Description	oz/ton Au	oz/ton Ag
T	15763	BARMAR ALPOR MARION ROMENSERSE	.16	`
2	64		.02	
3	65		.02	
4	66	PRINCESS DOH KGPS-88-12	.01	
5	88-1	KGRT RAJAH DEFORMATION ZONE GRAB	.02	
6	2		.01	
7	3	" I)	Trace	
8	4	······································	.02	
9	5	" 1)	.02	
10	88-54	KGBS OLD SMAFT, 1200'N OF BLACK STURGEON	. 01	
11	55	" SHAFT - GRAB SAMPLES FROM DUMP	.02	
12	56	"	.10	
13	57	·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··	.04	
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
<u>`</u> 4				
25			· · · · · · · · · · · · · · · · · · ·	

~.

 $\overline{}$

.

J.A.GOODWIN PROJECT GENERATION AND MANAGEMENT

4219 TRELLIS CRESCENT, MISSISSAUGA, ONTARIO, CANADA. L5L 2M1

TEL: (416) 820 - 3295

CERTIFICATE OF QUALIFICATIONS

I, John A. Goodwin, do hereby swear that:

- I reside at 4219 Trellis Crescent, Mississauga, Ontario. L5L 2M1;

- My occupation is that of a consulting and contracting geologist;

- I graduated from London University, Great Britain, in 1972 with a BSc. Degree in Geology;

- I have 17 years experience as a geologist in mineral exploration and related fields, including gold exploration programs in Ontario, the Northwest Territories and abroad;

- I am a fellow of the Geological Association of Canada;

- I have no direct or indirect financial interest in the Rajah/Roseman property;

- This report is based on several visits to the property and supervision of the exploration program.

This done and signed on the 30th day of January, 1989.





Ministry of Natural Resources

File_

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Geochemical, prospecting, stripping, d	rilling
Township or Area	MINING CLAIMS TRAVERSED
Claim Holder(s) Kenora Gold Occurrences Inc.	List numerically
Survey Company see attached list Author of Report J.A. Goodwin, FGAC Address of Author 4219 Trellis Cres, Miss, Ont. L5L 2M Covering Dates of Survey Aug. 1st to Dec. 30th, 1988. (linecutting to office) Total Miles of Line Cut See accompanying geophys. rpt.	(prefix) (number) 1 K 895621 895622 895623
SPECIAL PROVISIONS CREDITS REQUESTED Geophysical Per claim.	1003745 201017839
ENTER 40 days (includesElectromagnetic	1017840
line cutting) for firstMagnetometer survey	1017924
ENTER 20 days for each -Other	1017925
additional survey using	1017926
AIRBORNE CREDITS (Special provision credits do not appry to Simorne survey)	1017927
MagnetometerElectromagneticRadiometric	1017928
(enter days per claim)	1017929
DATE: 30-01-89 SIGNATURE: Autor of Report or Agent	1017930
FELLOW	1017931
Res. GeolQualifications	1017976
Previous Surveys File No. Type Date Claim Holder	1017977
······	
	TOTAL CLAIMS

837 (5/79)

FFICE USE ONLY

1017839, 1017840

Numbers of claims from which samples taken____

170					
Total Number of Samples	ANALYTICAL METHODS				
Type of Sample Humus (Nature of Material)	Values expressed in: per cent				
Average Sample Weight 2009	SEE APPENDIX C OF PREPART				
Method of Collection manual	p. p. v. 🗀				
	Cu, Pb, Zn, Ni, Co, Ag, Mo, As, (circle)				
Soil Horizon Sampled A	Others				
Horizon Development	Field Analysis (tests)				
Sample Depth	Extraction Method				
Terrain	Analytical Method				
	Reagents Used				
Drainage Development	Field Laboratory Analysis				
Estimated Range of Overburden Thickness	No. (tests)				
	Extraction Method				
	Analytical Method				
	Reagents Used				
SAMPLE PREPARATION (Includes drying, screening, crushing, ashing)	Commercial Laboratory (tests)				
Mesh size of fraction used for analysis	Name of Laboratory				
	Extraction Method				
see appendix C of report	Analytical Method				
	Reagents Used				
General	General				
	only. Details of Drill and				
·					
	······				

CONTRACTORS AND PERSONNEL INVOLVED IN PROGRAM

GEOPHYSICS:

See accompanying geophysical report.

GEOCHEMISTRY:

G.Zeebruck, RR #1, Airport Road, Kenora, Ont. P9N 3W7

PROSPECTING, GEOLOGY AND DRILL SUPERVISION:

W.C.HOOD, Box 1722, Beausijour, Manitoba. ROE 0C0 J.A.Goodwin, 4219 Trellis Cres. Mississauga, Ontario. L5L 2M1 G.Zeebruck (see above)

DRILLING:

Kenora Soil and Drilling, Box 109, Kenora, Ont. P9N 3X1
A.Falardean, Salt Spring Is, B.C.
H.Kipling, Manigotagan, Man.
A.Brandt, Bisset, Man.
R.Ivorson, Kenora, Ont.
O.Olafson, Kenora, Ont.
G.Ivorson, Kenora, Ont.

TRENCHING:

Kenora Soil and Drilling (see above). Devlin Timber Ltd. Kenora, Ont. G.Zeebruck (see above).

· · · { · · · · · · · · · · · · · · · ·	- MAN		- ^ ^ Acco	erment Work B	reakdown			
	WE	RE P	UR CUL	ssment Work B ∟E⊂T i ~G	SAM	PLES 0	NLY	
		sed on eight	· · · · · · · · · · · · · · · · · · ·	al or Line-cutting				ormed by
Type of Survey	Geoci	IEMICI	1L (S	AMPLING	ONLY	<i>t</i>)		<u> </u>
	Technical Days	x [7] =	Technical Days Credits	Line-cutting Days		Credits 2 +	No. of Claims	Days per Claim
Type of Survey						·····	<u>.</u>	
	Technical Days	x 7 =	Technical Days Credits	Line-cutting Days	= [Credits +	No. of Claims	Days per Claim
Type of Survey			<i>.</i>					
	Technical Days	X 7 =	Technical Days Credits	Line-cutting Days	Tota =	Credits	No. of Claims =	Days per Claim
Type of Survey			·					
-	Technical Days		Technical Days Credits	Line-cutting Days	Tota	Credits	No. of Claims	Days per Claim

.

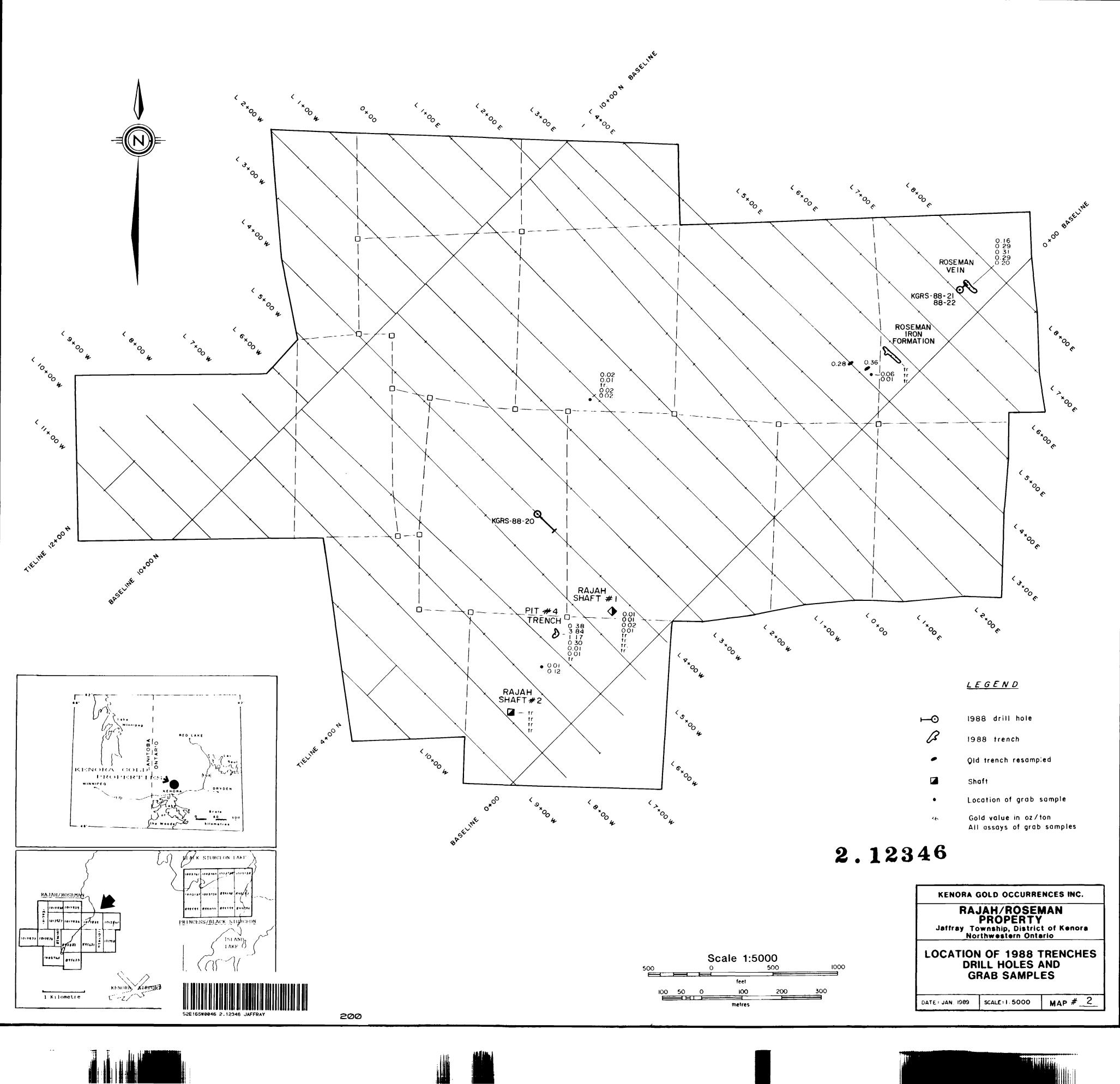
states and shares

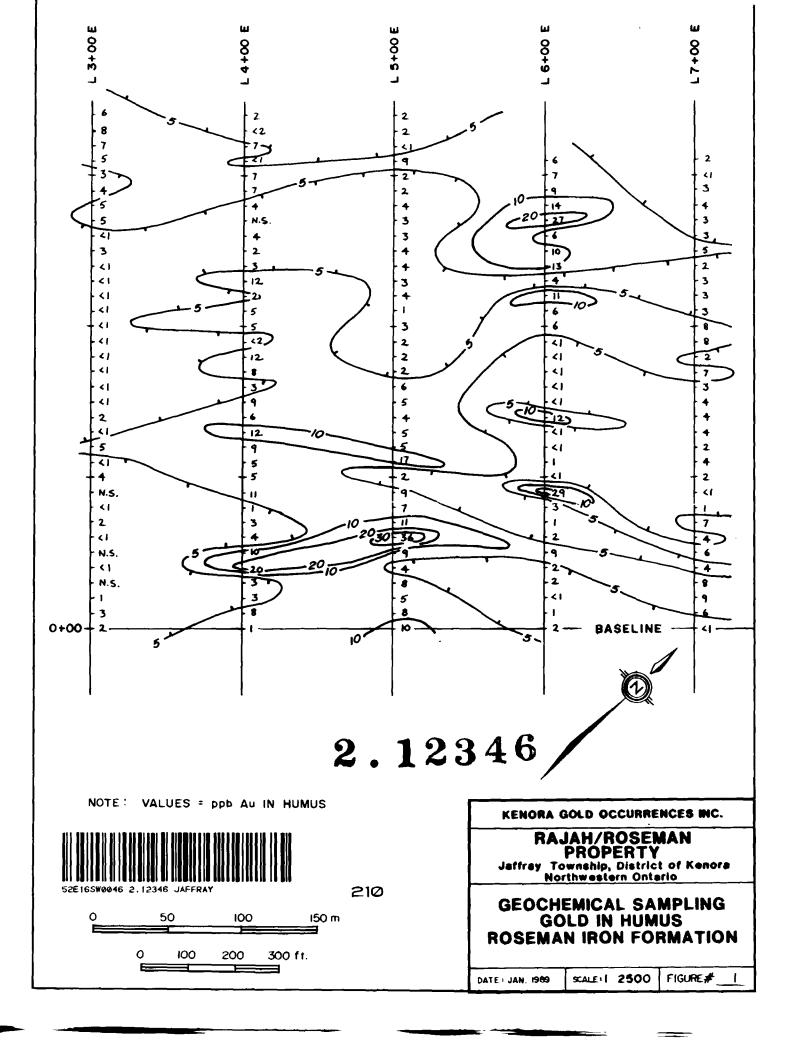
· · ·

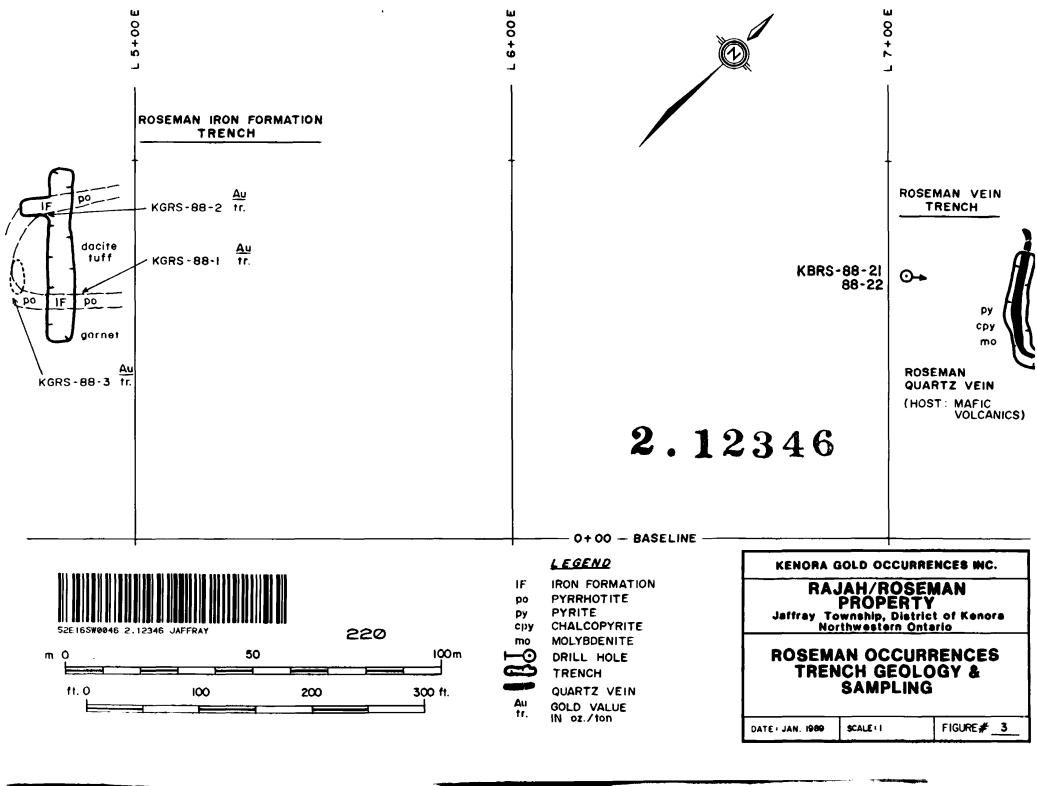
Maining Act Labor De mis de productione interve REPORT - GEDUCIEMICAL, TRENCHING, DRILLING, ASSANS DAFFERAY ENPOYING FNPP/1972 Generation Status A. REPART R. ZEBRUCK 2.12346 Margin Status Energination Status Generation Status Generation Status Generation Status Energination Status <th>Ministry o! Northerri Developmen and Mines</th> <th>Report of Work nt (Geophysica⁺, Geologica Geochemical and Expen</th> <th></th> <th> Please type or print If number of meend claims traversed exceeds space or this form, attach a list Only days credits calculated in the "Expenditures" section may be entered in the "Expendit Days Cr." columns </th>	Ministry o! Northerri Developmen and Mines	Report of Work nt (Geophysica ⁺ , Geologica Geochemical and Expen		 Please type or print If number of meend claims traversed exceeds space or this form, attach a list Only days credits calculated in the "Expenditures" section may be entered in the "Expendit Days Cr." columns
REPART - GEOLEHENICAL, TREACHING, DRILLING, ASSANS DAFFRAY LWP/III2 GEORET CONTROL GEORET A. ZEBRUCK 2. 123346 HIOJJZ RRH I AIRPURT RD. KENDARA GONT. RRH I AIRPURT RD. KENDARA ONT. KENDARA GOLD QUUNRENLES INC. [21, 21, 85, 21, 21, 21, 21, 21, 21, 21, 21, 21, 21	Twoe of Survey(s)		Mining Act LANDS	
$\begin{array}{c} GEORGE R. ZEBRUCK 2. 12340 HI0002 \\ Addition RAFI A IAPUAT RD. KENDAA ONT. \\ KENDAA GOLD OLUNARCHCLS INC. 21, 20, 81 of 81 of 100 Mino of mic C. \\ KENDAA GOLD OLUNARCHCLS INC. 21, 20, 81 of 81 of 91 of 100 Mino of mic C. \\ KENDAA GOLD OLUNARCHCLS INC. 21, 20, 81 of 91 of 91 of 100 Mino of mic C. \\ KENDAA GOLD OLUNARCHCLS INC. 21, 20, 81 of 91 of 91 of 100 Mino of mic C. \\ KENDAA GOLD OLUNARCHCLS INC. 21, 20, 81 of 91 of 91 of 100 Mino of mic C. \\ KENDAA GOLD OLUNARCHCLS INC. 21, 20, 81 of 91 $	REPURT - GEUCHE	MICAL, TRENCHING	DRILLING, ASSAYS	
And even data as a data of a large of the Car Repart of the constraint of the terms of the terms of the Car Repart of the constraint of the terms of the terms of the Car Repart of the constraint of the terms of the terms of the Car Repart of the constraint of the terms of the terms of the Car Repart of the constraint of the terms of the terms of the Car Repart of the constraint of the terms of the terms of the Car Repart of the constraint of the terms of the terms of the Car Repart of the constraint of the terms of the terms of the Car Repart of the constraint of the terms of the terms of the Car Repart of the constraint of the terms of the terms of the Car Repart of the constraint of the terms of the terms of the Car Repart of the constraint of the terms of the	GEORGE R	ZEBRUCK	2,1234	
$ \begin{array}{c} \label{eq:second} \\ \mbox{Started conduct} \\ Started cond$	Address DDH1	ALRPHAT RO	KENDRA Ó	
Nome and Address of Author (ed. 60) Prestrement report J.A. G. DO W.I.N. J. FEAZ Y219 TRELUS CASS., MISSISSAUGA O.T. LSL 241 Verifs, Bergusterin (ev. Each Claim, or Columna at right Mining Claim, Trevended U.H. Informatical enterences Sender, Presvised Generative (ed. 100) Mining Claim, Trevended U.H. Informatical enterences Entry survey Exerce and days. (ff., informatical enterence) Mining Claim, Trevended U.H. Informatical enterences For each additional survey. Bactumetric Bactumetric Big 5.62.2 36.3 For each additional survey. Bactumetric Big 5.62.3 36.3 For 792.4 36.3 10/7.79.2.4 36.3 For 792.4 S6.3 10/7.97.2.7 36.3 For 792.4 S6.3 10/7.97.2.7 36.3 For 792.4 S6.3 10/7.97.2.7 36.3 For 792.4	Sutvey Company		Date of Survey Urom 8	(Total Miles of line Cut
J.A. GODULIN, J. FGAL 4219 TRECUS CRES. MILSUSSAUCH OUT. LSL 2411 2nd to Reduce the pice Each Claim in Columns at 1971 Marine District Provides Generative Provides Generative Provides Generative Provides Generative Provides Generative Provides Brit Intervides Brit Intervides <td< td=""><td></td><td></td><td>S (NC. OI OI OI OI OI OI OI OI</td><td>Day Mo. Yr. </td></td<>			S (NC. OI OI OI OI OI OI OI OI	Day Mo. Yr.
Sector Processor For trans survey. For trans sur			TRELUS CRES. Mis	SISSAUGA ONT. LEL 2MI
For this survey: Entron 40 days This include include proves and an analysis of the survey of the		Doubles		
$\begin{array}{c} E_{rec} etc d d q s_{rec} f_{d} d q s_{d} d s_{d} d s_{d} d s_{d} d s_{d} s} s_{d} s_{d} s} s_{d} s_{d} s} s_{d} s_{d} s_{d} s_{d} s_{d} s} s_{d} s} s_{d} s_{d} s} s_{d} s_{d} s} s} s s} s_{d} s} s} s s} s s s$			the state of the s	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Enter 40 days, (This	- Electromagnetic	K 89562 36	3
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	includes line cutting)	- Magnetometer	89562236.	3
Enter 20 days for each 100 me Geological 10079371534.3 1017937136.3 1017937136.3 10179243736.3 1017914736.5 10179147536.5 10179152500000000000000000000000000000000000		- Radiometric	895623 36.	3
Consistence:Complete Hores side and enter Istal(s) hereComplete Hores Side BandometricComplete Hores Side BandometricArborne CreditsNote: Service provision to Arthores SurveysExpenditures lexcludes power stripping!Tore of Service on Complete to Arthore SurveysExpenditures lexcludes power stripping!Tore of Service on Complete to Arthore SurveysSeptenditures lexcludes power stripping!Tore of Service on Complete to Arthore SurveysSeptenditures lexcludes power stripping!Tore of Service on Complete to Arthore SurveysSeptenditures lexcludes power stripping!Tore of Service on Complete to Arthore SurveysSeptenditures lexcludes power stripping!Tore of Service on Complete to Arthore SurveysSeptenditures lexcludes power stripping!Tore of Service on Complete to Arthore SurveysSeptenditures lexcludes power stripping!Tore of Service on Complete to Arthore SurveysSeptenditures lexcludes power stripping!Tore of Service on Complete Service Com		- Other	1003745 36	3
Men DaysCeophysicalDevice Complete inverse idle and entre totalishereComplete inverse idle and entre totalishereElectromagnetic · BadiometricDans de and entre totalishereElectromagnetic · BadiometricOther · BadiometricBadiometric · BadiometricOther · BadiometricOther · BadiometricOther · BadiometricOther · BadiometricOther · BadiometricOther · BadiometricOther · ClaimOther · ClaimArbarne CreditsElectromagnetic · ClaimNote: Spring provisiont · ClaimElectromagnetic · ClaimNote: Spring provisiont · Claim · ClaimElectromagnetic · ClaimNote: Spring provisiont · Claim · ClaimElectromagnetic · ClaimNote: Spring provisiont · Claim · Claim · ClaimElectromagnetic · Claim · ClaimNote: Spring provisiont · Claim · Claim · Claim · ClaimElectromagnetic · Claim · Claim · Claim · ClaimNote: Spring provisiont · Claim · Claim · Claim · Claim · Claim · Claim · ClaimElectromagnetic · Claim · Claim · Claim · Claim · ClaimNote: Spring provisiont · Claim · Claim · Claim · ClaimElectromagnetic · Claim · ClaimNote: Spring provisiont · Claim · Claim · ClaimElectromagnetic · Claim · ClaimS S 7 / 2 . 85 · Claim · Claim · ClaimElectromagnetic rest provisiont · Claim · ClaimConcoling of Electrom · Claim · ClaimElectromagnetic rest provisiont · Claim · Clai		Geological	1017839 36.	3
Complete inverse side and enservices det and enser		Geochemical	1017840 36	3
and enter totalishere $13779253ES$ 13779253ES 107792736S 107792736S 107792736S 107792936S 107792936S 107793036S 107793036S 107793136S 107793136S 107793136S 107793136S 107793136S 107793136S 107797636S 107797636S 10779777636S 1077977636S 10779777636S 1077977636S 1077977636S 10779777636S 10779777636S 10779777636S 10779777636S 10779777636S 10779777636S 10779777636S 10779777636S 10779777636S 10779777636S 10779777636S 10779777636S 10779777636S 10779777636S 10779777636S 107797777636S 107797777636S 10779777636S 107797777636S 107797777636S 107797777636S 107797777636S 107797777636S 10779777636S 107797777636S 107797777636S 107797777636S 1077977777636S 1077977777636S 107797777636S 107797777636S 1077977777636S 1077977777636S 107797777777777636S 10779777777777777777636S 1077977777677777777777777777777777777777	Man Days		1017924 36.	3
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		Electromagnetic	1017925 36	3
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		Magnetometer	10179 26 36.	3
$\frac{1}{107928} 36.3$ $\frac{1}{10792936.3}$ $\frac{1}{10793036.3}$ $\frac{1}{107937736.3}$ $\frac{1}{107937736.3}$ $\frac{1}{1079377736.3}$ $\frac{1}{1079377736.3}$ $\frac{1}{10793777736.3}$ $\frac{1}{10793777736.3}$ $\frac{1}{10793777736.3}$ $\frac{1}{1079377777777777777777777777777777777777$		- Radiometric		
Geological $Diry teolAirborne CreditsDary teolAirborne CreditsDary teolNote: Special provisionscreatis do not applyto Airborne Surveys.ElectromagneticClaimRependitures (excludes power stripping)MagnetometreType of West PerformentConstruction of Expenditures (excludes power stripping)Assessment FillesTotal AMTSStrate of ConstructStrate of Constructto Airborne Surveys.MagnetometreAssessment FillesDary CreationStrate of ConstructConstructConstructtotal total pointMay 18 1989Total CreationCalculation of Expenditures (excludes power stripping)Total ConstructTotal ConstructDary CreationStrate of Constructtotal Expenditures (excludes power stripping)Total ConstructTotal ConstructDary CreationCalculation of Calculation of Expenditures (excludes of the construct of the constructtotal Expenditures of the construct of the constructtotal Expenditures (excludes of the construct of the constructtotal Expenditures of the construct of the c$		- Other		
GeochemicalAirborne CreditsDais per ClaimNote: Sorica provisions credits do not apply to Airborne Surveys.Electromagnesic ClaimNote: Sorica provisions credits do not apply to Airborne Surveys.Electromagnesic ClaimRadiometricRadiometricExpenditures (excludes power stripping)Reference of ClaimsType of Work Performe ClaimsASSESSMENT Filles Dass CreamsS 9 S & 2 2 , 12/7837, OPFICE 7 D Calculation of Expenditures bases from the Dass CreamsS 9 S & 2 2 , 12/7837, OPFICE 7 D Total Dass CreamsS 9 S & 2 3 , 12/7837, OPFICE 7 D Total Dass CreamsS 9 S & 2 3 , 12/7837, OPFICE 7 D Total Total Dass CreamsS 9 S & 2 3 , 12/7837, OPFICE 7 D Total Total Dass CreamsS 9 S & 2 3 , 12/7837, OPFICE 7 D Total Total Dass CreamsS 9 S & 2 3 , 12/7837, OPFICE 7 D Total Total Dass CreamsS 9 S & 2 3 , 12/7837, OPFICE 7 D Dass CreamsTotal Expenditure Dass StreamsDass CreamsDass CreamsDass CreamsDass Creams		Geological		
Autborne CreditsDaty pre ClaimNote: Sprice provisions receits do not apply to Autborne Surveys.Electromagnetic ClaimNote: Sprice provisions receits do not apply to Autborne Surveys.Magnetometer PadiometricExpenditures (excludes provisions) Type of More Performed CJASSLITANTSMagnetometer PadiometricType of More Performed CJASSLITANTSReference of Strand october Strand Assessment Files Dots Creater Dots CreaterS 9 SEL210/79 30/363 Performed on Claimst Assessment Files Dots Creater Dots Creater May 18 1989Calculation of Expenditure Davis Predit Total Expenditure of Expenditure Davis Predit Dots Creater magnet of Expenditure of Strand Control PageS 9 SEL210/79 72 36.3 Performed Calculation of Expenditure Davis Predit Dots Creater magnet of Expenditure of Strand Dots Creater May 18 1989Calculation of Expenditure Davis Predit Total Expenditure of Expenditure of Strand magnet of Expenditure of Strand magnet of Expenditure of Strand May 18 1989Calculation of Expenditure Davis Predit magnet of Expenditure of Strand magnet of Strand magnet of StrandCalculation of Expenditure Davis Predit magnet of Strand magnet of Strand magnet of Strand magnet of StrandCalculation of Expenditure of Strand magnet of Strand magnet of StrandCalculation of Expenditure of Strand magnet of Strand magnet of StrandCalculation of Expenditure of Strand magnet of StrandCalculation of Expenditure of Strand magnet of Strand magnet of StrandCalculation of Expenditure of Strand magnet of Strand magnet of Strand<		Geochemical	-	
Note: Specie provisions creatis do not apply to Authorne Surveys. Radiometric Expenditures (excludes power stripping) Type of Wox- Pertorme: Consummed and Second Stripping) Type of Wox- Pertorme: Consummed and Second Stripping) Type of Wox- Pertorme: S S 7 / 2 . 8 S = 115 C= 530 50 Total Expenditures of Expenditure Days depits Days Creates S S 7 / 2 . 8 S = 115 C= 530 50 Total Expenditures of Expenditures of the control of the file Total Expenditures of Expenditures of the control of the file Total Expenditures of Expenditures of the control of the file Total Expenditures of the file of the control of the file Total Expenditures of the file of the control of the file Total Expenditures of the file of the control of the file Total Expenditures of the file of the control of the file Total Expenditures of the file of the file of the control of the file Expenditures of the file of the file of the file of the file Expenditures of the file of the file of the file of the file of the file Expenditure of the file of the file Expenditure of the file of th	Airborne Credits			
Instruction Magnetometer Ratiometric Ratiometric Expenditures (excludes power stripping) Image: Performet on Claimist Type of Work Performet ASSESSMENT FILES S 9 5 £ £ 2 1 21 7 8 3 9 Mining Performet on Claimist ASSESSMENT FILES S 9 5 £ £ 2 1 21 7 8 3 9 Galculation of Lamist ASSESSMENT FILES S 9 5 £ £ 2 1 21 7 8 3 9 Galculation of Lamist ASSESSMENT FILES S 9 7 1 2 8 5 S 9 7 1 2 8 5 May 1 8 1989 Total Total Davis Clements Davis Clement Davis Clements B 95 6 2 1 Total Control Total Streament of the clement of th	Note: Special provisions			
Padiometric Expenditures (excludes power stripping) Type of Work Performer CMSVLTANTS RECEIVED APR 12 1989 Performet on Claimts! ASSESSMENT FILES S 9 5 £ £ 2, 197 78 39, 000 1026 4 0 Calculation of Expenditure Days MAY 1 8 1989 Calculation of Expenditure Days S 9, 7 1 2, 85 Expenditure of Expenditure Days Days Create Days Create Box Create Total Days Create Box Create S 9, 7 1 2, 85 Expenditure Days Total Days Create Box Create Total Days Create Box Create Days Create APR 19/99 April 10/89 Feed Days Create Prove Days Create Box Create Total Days Create Prove Days Create April 10/89 Feed Days Create April 10/89 Feed Days Create <	credits do not apply			
Expenditures (excludes power stripping) Type of Work Performer on Carmist S 9 5 6 2 2 , 10/7839, defide 4 0 May 18 1989 Catculation of Expenditure Davs from Davs Crime Davs From Devis Crime S 9,712.85 = 15 = 53050 Instructions Total Expenditures of The control of t	to Airborne Surveys.		1011911 56	
Type of Work Performed Consist ANTS REAST AND SECTION Performed on Claimist S 9 5622, 107837, OPFIDE 10 MAY 18 1989 MINING LANDS SECTION MAY 18 1989 Calculation of Expenditure Davis freque Davis Creation S 9,712.85 = 15 C= E30550 Total Davis Creation Davis Creation B 95 621 For Office Use On N Total number of money I be some of the office Use On N Total number of money I be some of the office Use On N Total number of money I be some of the office Use On N Total number of money I be some of the office Use On N Total number of money I be some of the office Use On N Total number of money I be some of the office Use On N Total number of the office	Expenditures (excludes pow	· 		RECEIVED
Performent on Claimitsi S 9 5 6 2 2 , 19 7 8 3 7, GP # 128 7 0 MAY 1 8 1989 Carculation of Explenditure Days from the transformer to the Explenditure Days from the total the total of the transformer o	Type of Work Performed	and + Accase		ADE 1 2 1080
SqSill , 1977839, 69418470 MAY 18 1989 Calculation of Expanditure Days fronts S 8,712.85 = T5C=ESSO.850 Instructions Total Days Creates S 8,712.85 = T5C=ESSO.850 Instructions Total Days Creates may be apportioned at the view to the first of the first of th		ONTARIO GEOLOGICAL EL	AVEY	
Calculation of Expenditure Days fronts Total Expenditures S 8,7/2.85 = 15 = EB30.560 Instructions Total control of Base Creater Note to the Base Control of Base Control o	895622, 1	N7839 OPFIZEYD		MINING LANDS SECTION
Calculation of Expenditures Days from: Total Days Credits Total Days Credits Days From State Days Credits D				
Total Expenditures S 3,712.85 Total number of mining Total number	Calculation of Expenditure Day	s Creaite	- I The second second second	
Instructions Tota David Creates may be apportioned at the communication the column of an right Eater Am 10/89 Fecond Theorem of the former of the forme	Tota' Expenditures		J J] [
Tota Dave Create may be apportioned at the commence of the letter in the more of days created and the commence of days created and the commence of the letter in the more of days created and the commence of the letter in the letter in the commence of the letter in the le	\$ 8,712.85	1 = 15 = 590.55	- norisi	
Construction of the second process second process second process of the second process o		mortener at the court his sent		report of work
Eater April 10/89 Reconfection of the second state of the second s	choice. En en neimber of boy		Tenal Daux Ch. Dare Recorded	Marine Marael
Ease Am 10/89 Free of the second of Shine and the shine of May 16 1719 Without the Shine and American Shine and the second of th	·····	n a A	HPR 10/89	Shott Kwitt
Here is and the line is present and interest should be and the and subject of the Bepart of Work in each the structure of the other the structure of the second because and the and subject of the Bepart of Work in each the structure of the second because and the and subject of the Bepart of Work in each the structure of the second because and the second because and the because and the second because and the sec	FIR 10/31	Ang Alle.	580.8 May 16 17	19 Ullan
GEURGE R. ZEBRUCK KR#1 HIRPORT KD. KENORA ONT.	Effects to this that I have a	резьолы, алы постояк Класськар		Contractive states and contractive states
PIN 3W7 Detertified Certified, Signature All.		ZEBRUCK	RR#1 HIRPORT	13-11-11-
1362 (86) 12	L	7	Apr 10/3	F9 Certifier, Signature

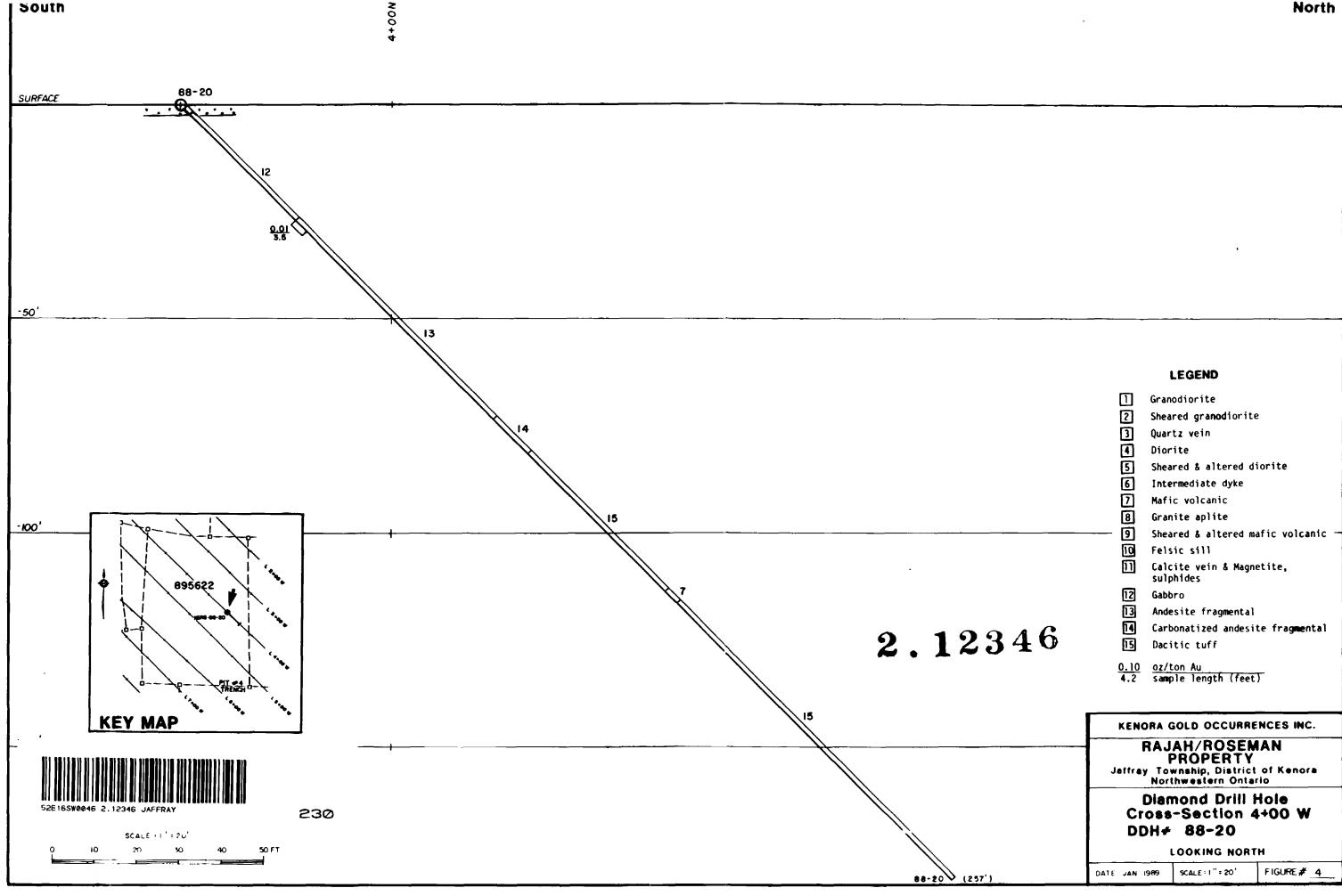
Northern Developme and Mines	nt (Geophysical, 1 Geochemical a	Geological						
: W8	3901-96		Minin	52E16SW0046	2.12346 JAF	FFRAY		900
ype of Survey(s)					Townshi	D OL Area		
GEUCHEMICA	L	-0	-1-6	>34(FFRAY Prospector's	MIT Licence No.	92
GEORGE R.	ZEBRU		16		•		002	
RR#1 AI	RPORT R	D	KEn	Jorg O)			
urvey Company			1	Date of Survey	(from & to)	A A To	tal Miles of line	e Cut
KENUAA GULT	DULURREN	VCES	INC.	Date of Survey Di Of Day Mo.	Vr. Day	01 0 Mo. Yr.		
	J, FGAC	42	19 T	RELLIS G	RES 1	MISSISSAU	KA ONT.	151 24
edits Requested per Each C			Mining C	laims Traversed (
pecial Provisions	Geophysical	Days per Claim	Prefix	1ining Claim Number	Expend. Days Cr.	Minir Prefix	ng Claim Number	Expend. Days Cr.
For first survey:	- Electromagnetic		K	1017839	11			
Enter 40 days, (This includes line cutting)	 Magnetometer 				1			-+
	- Radiometric		and	1017840	<u> </u>			
For each additional survey: using the same grid:					├ ───┤			
Enter 20 days (for each)	- Other	 			 			
	Geological				 			
	Geochemical		. Earth					
lan Days	Geophysical	Days per Claim	1990 - 1990 1990 - 1990 - 1990 1990 - 1990 - 1990					
Complete reverse side and enter total(s) here	- Electromagnetic							
BIG Enter (Otaria) here	- Magnetometer							
	- Radiometric	 		RE	CEN			
						13. 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19		
	- Other	{		API	12 19	8		
	Geological			N ARA	 [
	Geochemical	10.5		MINING L	ANDS S	Er Station		
irborne Credits		Days per Claim		-	ļ			
Note: Special provisions	Electromagnetic					alle		
credits do not apply to Airborne Surveys.	Magnetometer				t1			
	Radiometric			100.00	020			
penditures (excludes powe		l	5 A S	1.28.2.0	000			
pe of Work Performed					<u></u>			-+
			1. Sec.	*				•••
rformed on Claim(s)								
			\$ 5 6.)					
culation of Expanditure Days	Creating		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1					
Total Expenditures	7	Total s Credits						
\$] ÷ [15] = [44	Total number		
			1.	703 74	6	claims covere report of wor	d by this	2
otal Days Credits may be ap				For Office Use O			··· •	
noice. Enter number of days columns at right.	credits per claim selecte	ed b	Total Day Recorded	s Cr. Date Recorded		Mining Recor	× D.	.6
	1	1		Ara 1	189	A	Rev	a
m 10/89	orded Holder or Agent (S	gnature)	21	12/Ma.	. 79	Branch Direct	4 Are re-	
ication Verifying Report	rt of Work	·	L	Rin	-07-		~~~	
ereby certify that I have a	personal and intimate kr				of Work ann	exed hereto, havi	ing performed	the work
witnessed same during and and Postal Address of Pars								
EURGE R. EURGE R.	ZEBRU	CK	RA	(#1 A	IRPSAT	- RD.		, ,
lainen	$\Omega_{i} \tau = 4$	291/ 2	24/7	Date Certified	al	Certified by	Signature)	~ 11
(ENORA (11pm 1	187	\bot	14	17,

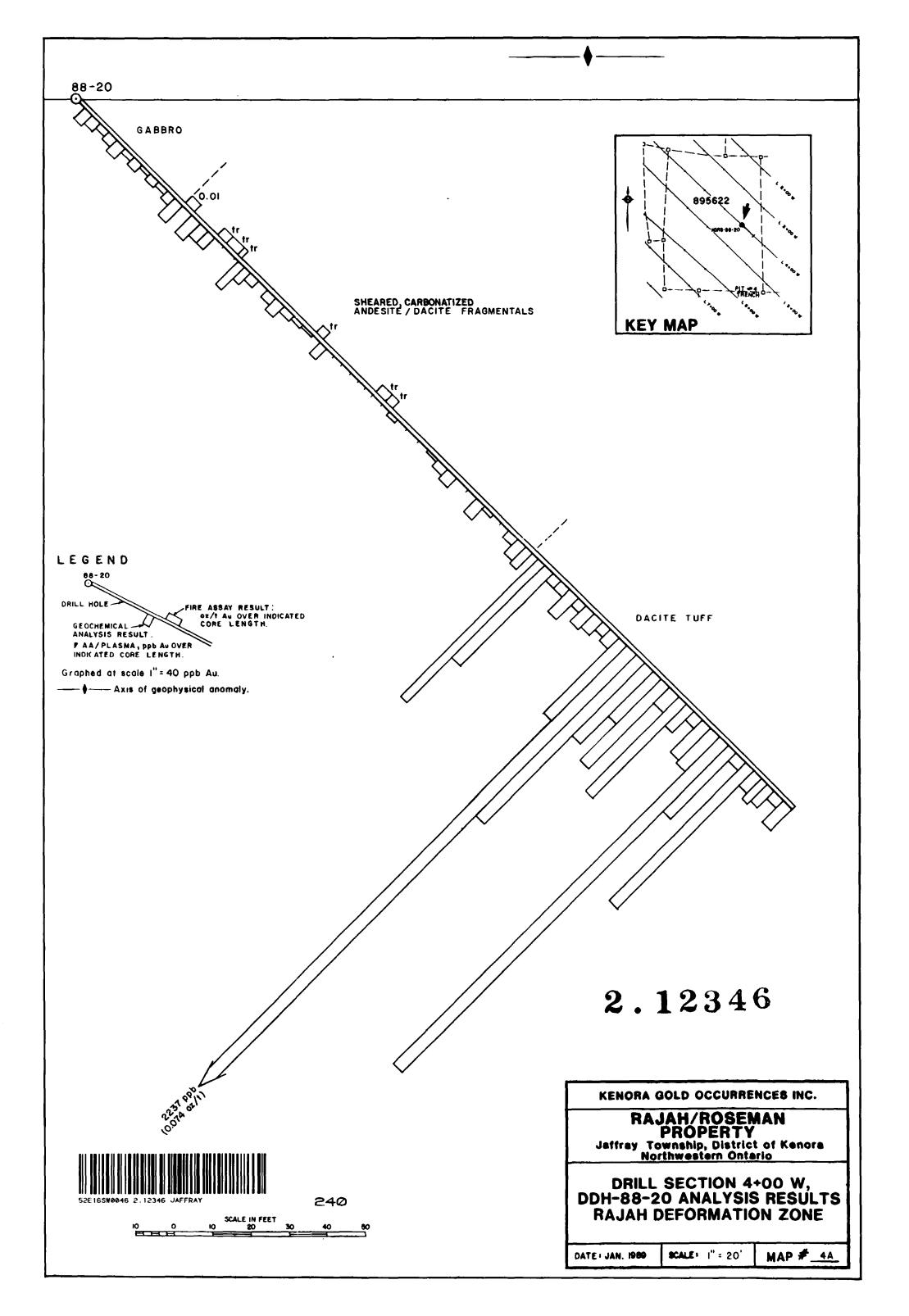
* NOTE GEOCHEMICAL REPORT WAS A SMALL PART OF A LARGER REPORT SUBMITTED UNDER EXPENDITURE CREDITS MAN DAYS Assessment Work Breakdown WERE FUR CULLECTING SAMPLES ONLY Man Days are based on eight (8) hour Technical or Line-cutting days. Technical days include work performed by consultants, draftsmen, etc.. Type of Survey (SAMPLING GEOCHEMICAL ONLY Line-cutting Days Technical Days Technical Days No. of Claims Days per Claim **Total Credits** Credits 3 K.S 21 21 2 Х 7 + = = ÷ Type of Survey Technical Days Credits Technical Days Days per Claim Line-cutting No. of Claims Days **Total Credits** Х 7 + = = ÷ Type of Survey . Line-cutting Days Technical Days Technical Days Credits No. of Claims Days per Claim **Total Credits** Х 7 + = ÷ = ÷ Type of Survey Technical Days Credits Line-cutting Days No. of Claims Days per Claim Technical **Total Credits** Davs Х 7 + = ÷ =



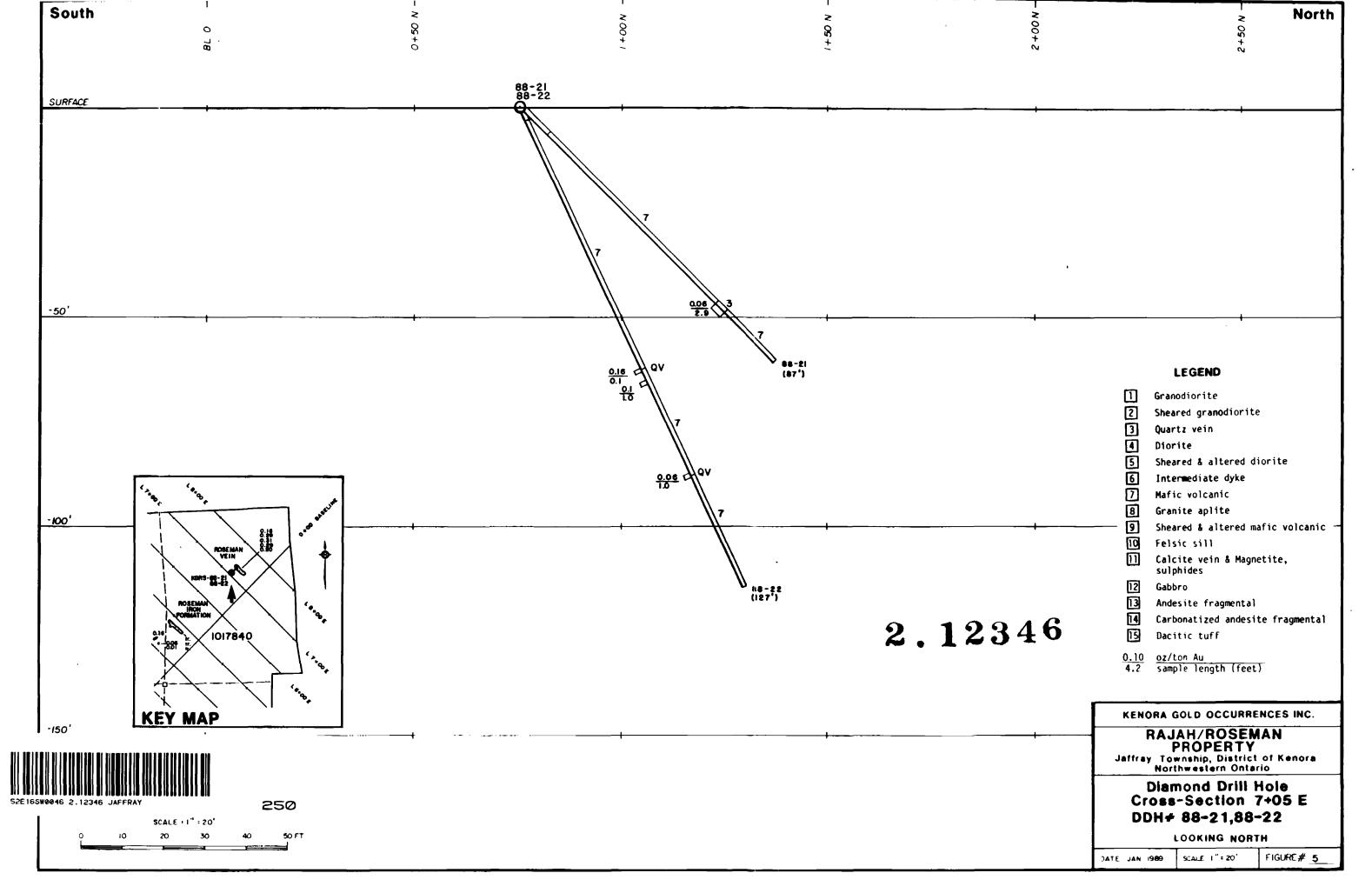


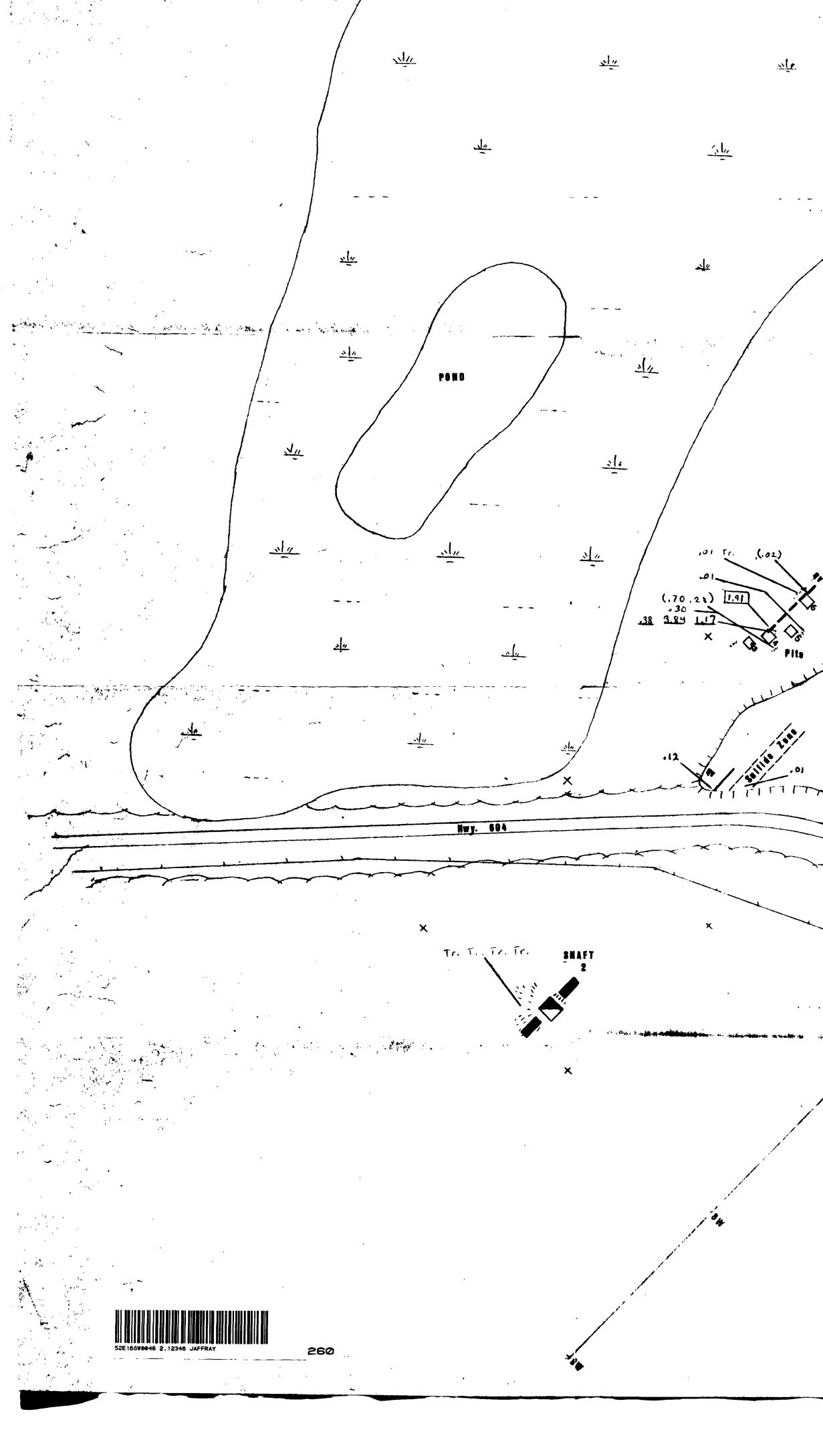






- · ·



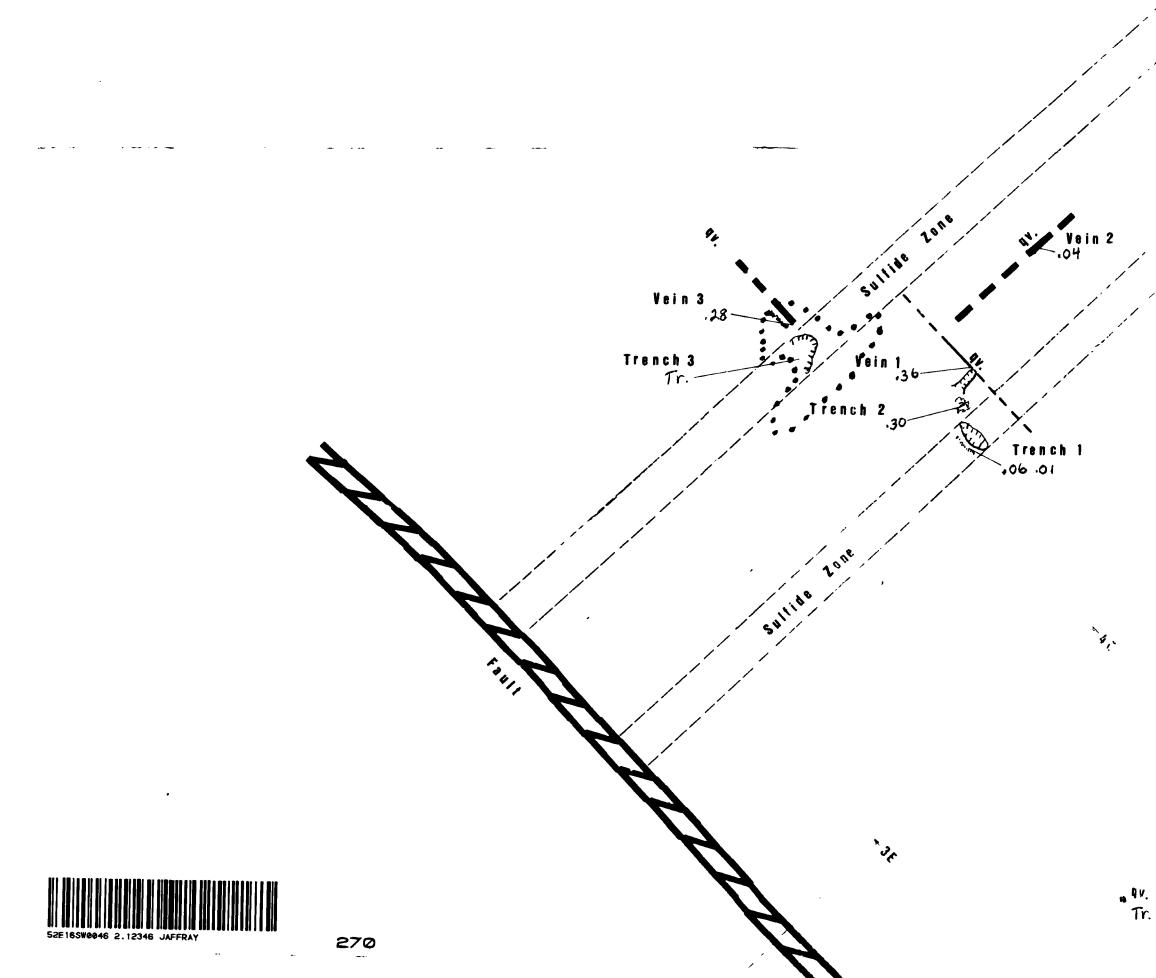


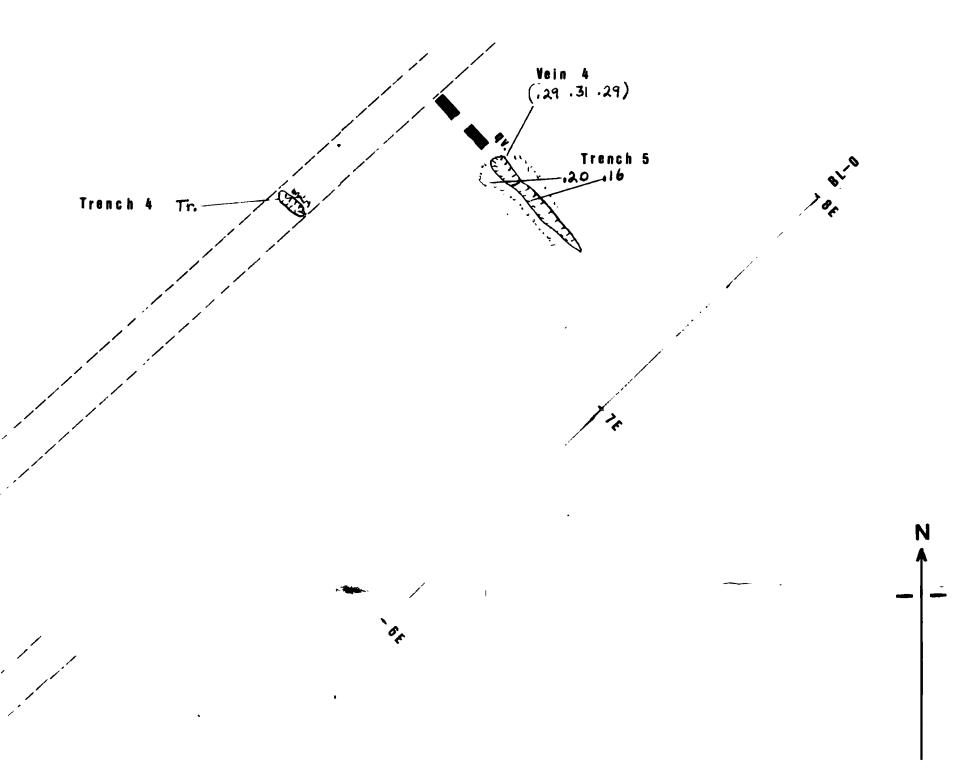
<i>.</i>				
			·.	
	×			
		FELSITE Dike 1		
X Tr. Tr. OL T	.24 To 1 Te	× .	- · · · · · · · · · · · · · · · · · · ·	2
Tr. 14	Tr. 131 Tr. Ov. 1 1 July 1 July 1 1 SHAFT			N
× Juli Line and the second sec	Tr. X			
A link which have a second sec	•			
		~ .		
	5.		LEGENB	
		Au, Oz,/Ton (.70) [1.9]] 	Year 1983 1986 1987 1988	By R. Zebruck O.B.S. Geologist J Goodwin Kensra Bold
1 0 m				
A Marine aller suffer and marine and a second se				12346
A the stand of the second of t	-	KENORA GOLD	, ```	
And and an and a second a se	-	KENORA GOLD	OCCURRE Project	NCES INC.
	-	KENORA GOLD Rajah Jattray Twp	OCCURRE Project	NCES INC.
		KENORA GOLD Rajah Jattray Twp	OCCURRE Project Kenora Datar MAPPINE & SAMPL BY S	NCES INC.



LEGEND

Interpreted Fault Possible Extent of Sulfide Zone .36 Au Oz./Ton 1988 Sampling (.31) Au Oz./Ton Roseman 1946 AREA STRIPPED MAY 3/88 - MAY 5/88





.

٩

2.12346

KENC	DRA GOLD	οςςι	JRRENCES	INC.
		Kenora N Occurren	Ontario Ice	K
MAP A-2	DATE 10/05/88	BY GZ	SCALE 1-1250	NTS 52-E-16

•