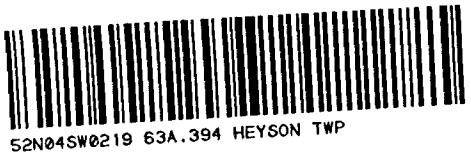


63A.394

SUMMARY REPORT
OF THE
KOLAK PROPERTY
HEYSON TWP.
RED LAKE, ONTARIO

Dec. 13/60.

Location

The property is located near the center of Heyson Twp., Red Lake Mining Division, District of Kenora, and approximately two miles south of the town of Red Lake, Ontario.

The east boundary of the property is approximately one half mile west of the Red Lake highway No. 105.

Property

The property - composed of 31 contiguous mineral claims as follows:

	Claim Numbers	Owner	Optioned by
3 claims:	KRL 47990 - 92	L. Euler, Red Lake, Ont.	Gunnex Ltd., Toronto
4 claims:	KRL 47993- 96	J. Kolak, Red Lake, Ont.	" " "
6 claims:	KRL 48202 - 07	" " " " "	" " "
8 claims:	KRL 48406 - 13	Gunnex Ltd., 25 Adelaide St. W., Toronto	
9 claims:	KRL 48414 - 22	" " " " "	" " "
1 claim:	KRL 48655	" " " " "	" " "
31 claims			

The claims were recorded between May 24th and Sept. 15th, 1960.

Line cutting at 600 foot intervals over all of 29 claims and at 300 foot intervals over an area 3,000 feet by 3,000 feet covering the main showing area commenced on Sept. 7th and was completed by Sept. 22nd. Detailed prospecting of the main showing area was completed by J. C. Baker between Sept. 23rd and Oct. 8th. Mapping of the main showing area was completed by L. Kirwan and W. Dix between Oct. 22nd and Oct. 24th. Drilling, blasting and trenching of the main showings was completed between Oct. 10th and Oct. 26th.

Geology

The main showing area, on claims KRL 47991, 2 and 5 and adjacent parts of claims KRL 47990, 47994, 47996, 48202, and 48205, was mapped at the scale of 1 inch to 200 feet, and the trenched area on claims KRL 47992 and 47995 at the scale of 1 inch to 10 feet.

The following is a table of the formations mapped on the area.

Intrusives		
Diorite, Amphibolite, and Howey Diorite	)	
Quartz Porphyry	)	
Quartz Feldspar Porphyry	)	
Volcanics	)	Precambrian
Rhyolite	)	
Tuff	)	
Andesite, Dacitic Andesite	)	
Agglomerate	)	

The agglomerate is of acidic composition and is composed of fragments of black to gray rhyolite or dacite in dark fine grained silicious matrix. Only one band of this rock occurs on the south part of claims KRL 47992 and 47995.

Andesite and dacitic andesite are the most predominent rocks on the property. These rocks are fine grained green hornblende andesites trending toward a gray-green colour and dacite composition locally. These rocks have been metamorphosed and in some localities contain noticeable biotite, chlorite, and some actinolite and serpentine. The rocks are generally relatively soft and lacking in pronounced fracturing so consequently are considered unfavourable host rocks for gold-quartz mineralization.

Rhyolite and tuff are the principal rocks in the main showing area. The rhyolite is generally very fine, hard, and massive. It is usually black in colour but occasionally gray or light gray bands may be observed. The tuff closely resembles the rhyolite in colour and composition except for the presence of a fine platty structure apparently resulting from the affects of dynamic metamorphism on original bedding layers. Both these rocks are brittle and are favourable host rocks for gold-quartz mineralization.

Quartz-feldspar porphyry occurs in a large mass trending north eastward across the property parallel to the regional strike. This is a fine to medium grained porphyry with phenocrysts of quartz and yellow-white feldspar up to 5 mm in the largest dimension. The ground mass is generally dark and very fine grained with a silicious appearance. This rock could also be termed a granodiorite porphyry.

Quartz porphyry rock is similar to the granodiorite porphyry except for the absence of feldspar. It consists of a fine grained blackish to medium gray silicious material with "blue eyes" of quartz phenocrysts. Only a limited number of outcrops of this rock were found in the area.

Diorite and amphibolite dykes occur parallel to the regional structure and cutting the regional structure at low angles. These dykes were originally composed of hornblende and medium composition feldspar but metamorphism has altered the hornblende in many instances to mica and chlorite and some serpentine. It is often difficult to distinguish between these fine grained diorite dykes and sills and the altered andesites or "greenstones".

Economic Geology

The band of acidic volcanics striking northeastward across the northern part of the property appear to be the only favourable location for gold quartz mineral occurrences. Within these acidic rocks minor shears occur with eastwest strikes and near vertical dips. Accompanying these minor shears are zones of stringers of quartz with strikes parallel to the shears but with very flat dips ranging between 15 and 30 degrees. Pyrite arsenopyrite, and minor chalcopyrite mineralization appears to be associated with the shearing and the quartz stringers. But gold mineralization appears to be limited to the narrow flat lying quartz stringers.

The main showing area has been well exposed by trenching. Sampling of these trenches indicate that the mineralization is not of economic grade or dimensions.

The absence of strong structural features such as strong shear zones and widespread fracturing appears to be the reason for the absence of economic mineralization.

Summary of Exploration

95 man-days line-cutting on 29 claims.
14 man-days detailed prospecting and reconnaissance mapping
6 man-days detailed mapping
52 man-days rock drilling and blasting
12 man-days trenching & stripping
Chip and channel sampling of 15 trenches.

LDK/hb

L. Kirwan
W. F. Dix

Appended
1) Location sketch map, 1" = ½ mile
2) Geology map, 1" = 200 feet
3) Geology & mineralization map, 1" = 10 feet

REGISTERED PROFESSIONAL ENGINEER
W. F. DIX
PROVINCE OF ONTARIO

RED LAKE MINING DIVISION
DEC 1 1980
RED LAKE, ONT.

QUINTEX LIMITED
Suite 702. 28 Adelaide St. West
Toronto, Ont.

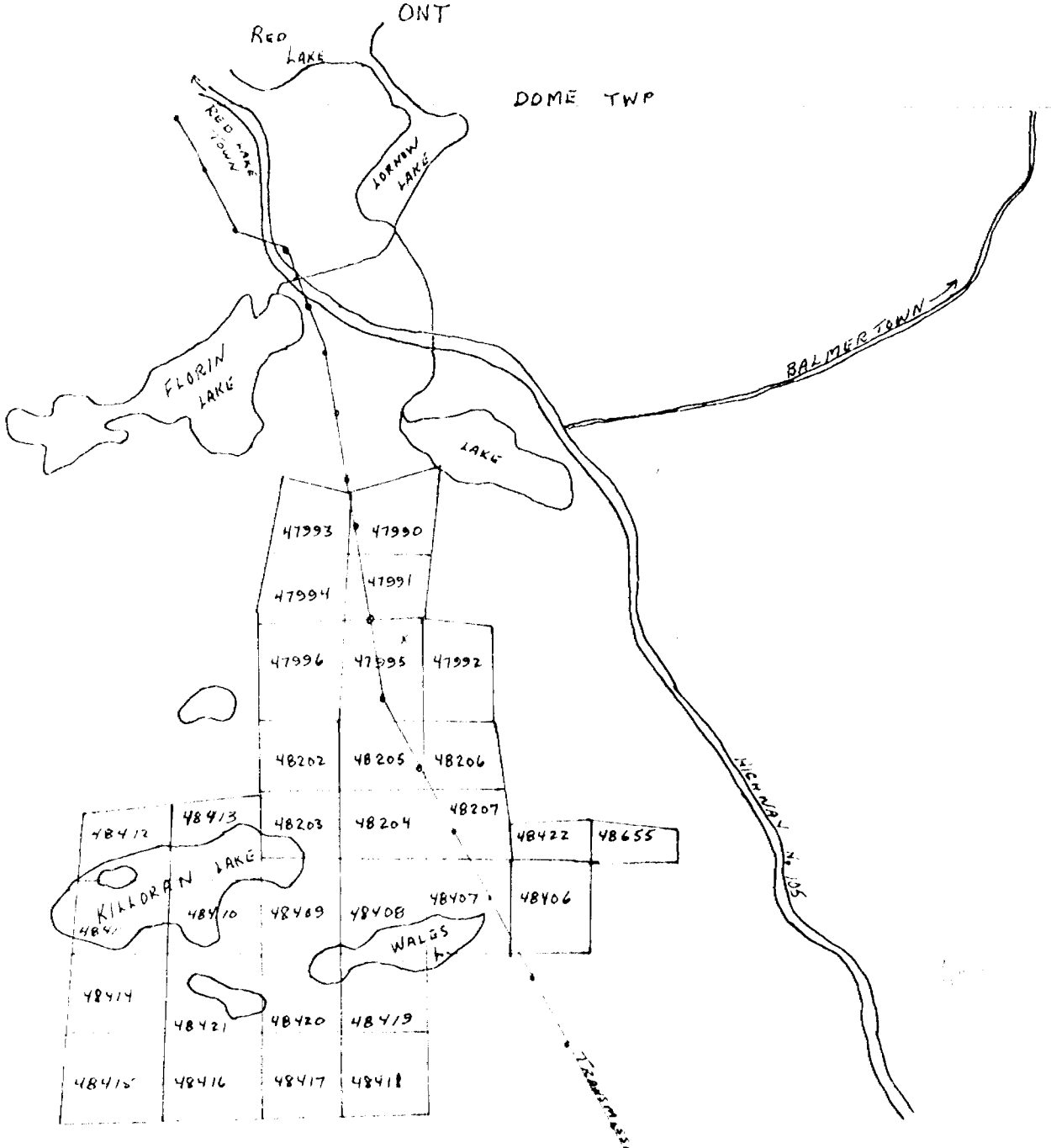
KOLAK PROPERTY

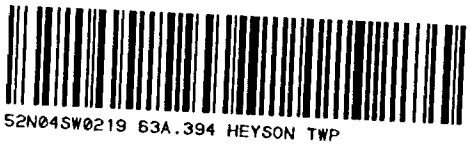
HEYSON TWP.

RED LAKE MINING DIVISION

DISTRICT OF KENORA

ONT





900

SUMMARY REPORT
OF THE
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HEYSON TWP.
RED LAKE, ONTARIO

Dec. 13/60.

Location

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5 claims:	RRL 47993 - 95	J. Kolak, Red Lake, Ont.	" " "
6 claims:	RRL 47802 - 07	J. Kolak, " " "	" " "
8 claims:	RRL 47806 - 13	Gamnex Ltd., 25 Adelaide St. W., Toronto	
6 claims:	RRL 47814 - 19	" " " "	" " "
1 claim:	RRL 48695	" " " "	" " "
31 claims.			

The claims were recorded between May 24th and Sept. 15th, 1960.

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The following is a table of the formations mapped on the area.

	Intrusives	
Diorite, Amphibolite, and Lamp. Diorite		
Granite Porphyry		
Quartz Feldspar Porphyry		
	Volcanics	Precambrian
Rhyolite		
Tuff		
Basaltic - Mafic Andesite		
Agglomerate		

- The agglomerate is of acidic composition and is composed of fragments of black to gray rhyolite or dacite in dark fine grained silicious matrix. Only one band of this rock occurs on the south part of claims KHL 47992 and 47995.

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34 man-days detailed prospecting and reconnaissance mapping
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52 man-days rock drilling and blasting
12 man-days trenching & stripping
Chip and channel sampling of 15 trenches.

L. M. Kirwan

LMK/lb

L. Kirwan
W. F. Dix

Appended
1) Location sketch map, 1" = ½ mile
2) Geology map, 1" = 200 feet
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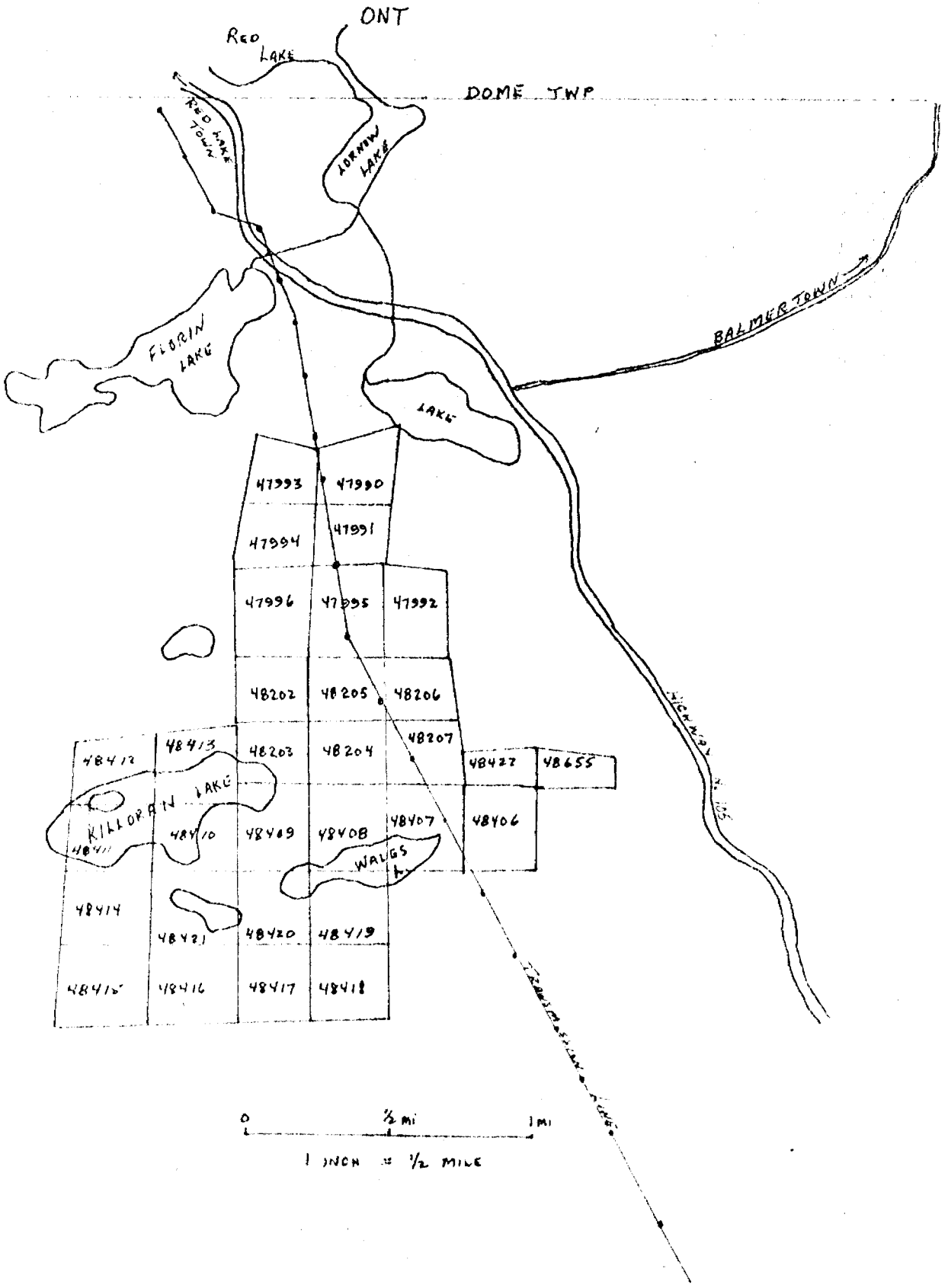
REGISTERED PROFESSIONAL ENGINEER
W. F. DIX
PROVINCE OF ONTARIO

KOLAK PROPERTY

HEYSON TWP.

RED LAKE MINING DIVISION

DISTRICT OF KENORA



63A-394

GEOLOGY
KOLAK PROPERTY
HEYSON TWP.
RED LAKE AREA
ONTARIO

SHEET NO. 1

POWER LINE

LAKE

Astro

LEGEND AND SYMBOLS

- H — Diorite, Amphibolite, Howey Diorite
- Q — Quartz Porphyry
- QFP — Quartz Feldspar Porphyry
- R — Rhyolite
- T — Tuff
- A — Andesite, Dacitic Andesite - (Ad)
- AGGL — Agglomerate
- Geological Boundary Defined
- Boundary of Rock Outcrop
- Muskeg or Swamp
- Strike & Dip of Schistosity
- Strike of Bedding Dip Unknown
- Fracturing
- Trenches
- Diamond Drill Holes
- Claim Line & Posts
- Base Line & Junction of Picket Lines

Scale One Inch = 200 Feet
0 200 400 600

47993 47990 47994 47991 47996 47995 47992 48202 48205 48206

BASE LINE 1 N.75° E

24W 21W 18W 15W 12W 9W 6W 3W 0+00 3E 6E 9E 12E 15E

DDH 9 86° MIN SHOW

8' Rusty Zone MIN-PY

Contact Zone

5000' Drill Core

75' Drill Core QFP

75' Drill Core

200

ADJOINS SHEET NO 2 AT THIS LINE

ADJOINS SHEET NO. 1 AT THIS LINE

48202 48205 48206

48412 48413 48203 48204 48207

KILLORAN LAKE

48411 48410 48407

48408

WALES LAKE

48414 48409

48421

48415 48416

UNMAPPED

UNMAPPED

UNMAPPED

75' Drill Core

A-BRECCIA

MIN. PY

PORPHYRY

BASE LINE 2 N.75°E

65+00

60+00

50+00

40+00

30+00

20+00

10+00

0+00

10W

20W

30W

40W

50W

60W

POWER LINE

SHEET NO. 2

GEOLOGY

KOLAK PROPERTY

HEYSON TWP.

RED LAKE AREA

ONTARIO

Astro

KOLAK PROPERTY HEYSON TWP
RED LAKE ONT

MAIN SHOWING
GEOLOGY & ASSAY PLAN

OCT. 1960