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REPORT

ON

DIAMOND DRILLING

MINISTRY OF ENERGY
AND ELECTRICITY
AND WATER

FILE NO: 43

SK

KURYLIW - ARMSTRONG CLAIM BLOCKS

SIX MILE ROAD - STURGRON LAKE AREA

DISTRICT OF PATRICIA, NORTHWESTERN, ONTARIO

AUGUST 23, 1994

CHESTER J. KURYLIW, M.SC., P.ENG.

W9430.0001

PROPERTY, LOCATION AND ACCESS

The Kuryliw claim group in the six mile road area of Sturgeon Lake consists of three claim blocks that encompass a total of thirty four of sixteen hectare claims (roughly 1360 acres).

Claim block PA 1133791 (16 claims)
Claim block PA 1133792 (8 claims)
Claim block PA 1145397 (10 claims)

The claim blocks are located on map G-2543, Patricia Mining Division, Northwestern Ontario.

These claim blocks are accessible from the Trans-Canada highway 17 East at Ignace, then northwards about 110 km. along highway 599, then 11 km. southwards along the six-mile road which crosses the central portion of the claim group.

The topography of the area is one of relatively low relief. Much of the grid is underlain by cedar swamps. In the late 1970's heavy timbering was carried out in the six-mile road area followed by a regional fire in 1980. These cleared areas are now covered with dense second growth. Some immature timber that bordered the swamps were left uncut and these have all been flattened by wind storms that resulted in near to 100 % blowdowns. These blowdowns make all bush work difficult and hazardous. The cedar swamp areas are commonly bordered by immature black spruce. There is no significant timber left in the area.

INTRODUCTION

In 1992 the line grid was located in the central part of the claim block 1133791. The grid was oriented with the base line running - E-W near the southern boundary of the claim block. The picket lines were turned N-S at 200 foot intervals between lines and in one portion 400 foot intervals between lines. All picket lines and the base line were chained and marked with pickets at 100 foot intervals along lines.

In June 1993 this grid was extended to the east with lines at 300 foot intervals and to the south into claim block 1145397 with lines at 200 foot intervals.

In July 1989 Aerodat Limited carried out an airborne survey over the area that included these claim blocks for 007 Precious Metals Inc. The air VLF, EM survey located some short conductors.

The line-cutting was carried out under contract by G. Cratton of Wawa, Ontario under the supervision of C. Kuryliw during September-October 1992. During this same period the grid was covered by a ground magnetic survey, a V.L.F. - EM- 16 survey, Geologic mapping and sampling all by C.J. Kuryliw.

In June 1993 the extensions of the line grid was carried out under contract by J. Cureatz and G. Cratton of WaWa, Ontario. Kuryliw with a Field Assistant carried out a VLF Survey, Magnetic Survey and Geologic Mapping over the new grid extensions. Kuryliw also supervised and logged two drill holes on claim block 113791 that totalled 622 feet of BQ Core.

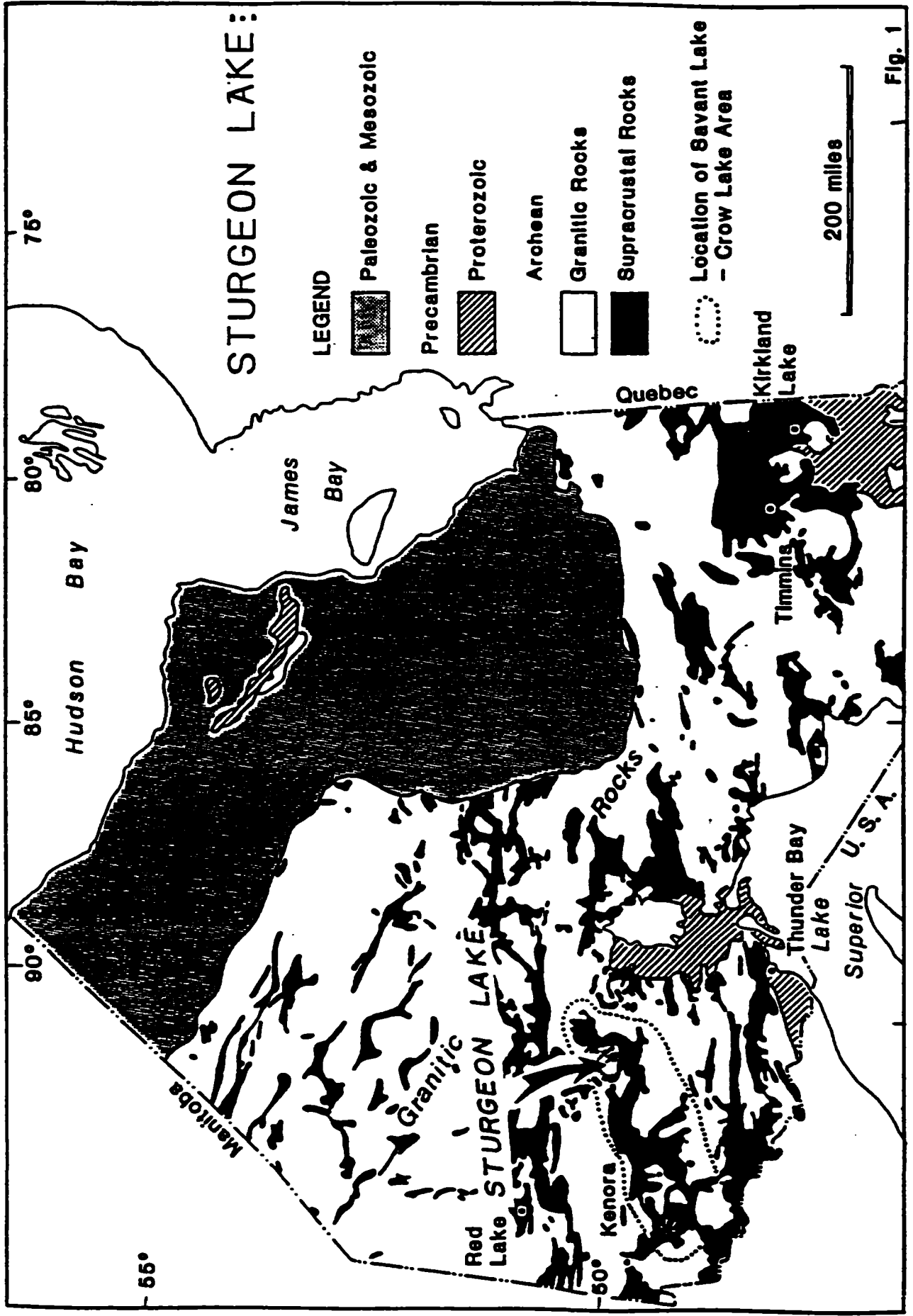
The magnetic survey used a Scintrex Precession Magnetometer MP2. The instrument has a sensitivity of + 1 gamma. The readings were taken at 50 foot stations along lines. The readings were corrected and plotted on plans 1" = 200 ft/

The line grid was also covered using a Geonics VLF EM - 16 unit. The readings were taken at 100 ft. intervals with some readings at 50 ft. intervals in conductive areas. These readings were then plotted on a plan scale 1" = 200 ft. and the EM profiles were drawn on the plan. The conductor axes were then interpreted and traced on those plans.

Geologic mapping was carried out over the grid by C.J. Kuryliw who also plotted, correlated and interpreted the data written in this report. All significant looking Quartz veins were grab-sampled during the mapping for later assaying at Wawa Assaying Inc., Wawa, Ontario.

Two holes 1993 C-1 and C-2 were drilled to test combined VLF conductors and magnetic anomaly shoulders to the conductors.

In August 1994, Two drill holes in a cross-section, just West of Pistol Lake, that totalled 1,002 Ft. Two Shear Zones were crossed in Basalt Pillow Lava, with Qtz-Carb Stringers, weakly Auriferous.



LOCATION MAP

GENERAL GEOLOGY

The general geology of the Sturgeon Lake area consists of a belt of Precambrian Volcanic and sedimentary rocks of Archean age that encircle the Lewis Lake and Lake of the Bays granite batholiths. In the area of the North and North-East arms of Sturgeon Lake the volcanic belt wraps around the southern and eastern edges of the Lewis Lake batholith. Embayments of the granite into the volcanics along the eastern edge of the batholith coincides with several gold occurrences of economic significance.

The volcanic belt has been resolved into two main sequences, the more southerly volcanic sequence that surrounds the lower area of Sturgeon Lake exhibits an abundance of sulphide occurrences. The area adjacent to and south of the lake hosts the 4,000 ton per day Mattabi Mine which produces Cu - Zn - Pb - Ag ore. The northerly sequence of volcanics up against the Lewis Lake batholith contains numerous gold occurrences which includes the St. Anthony mine, a past gold producer and the newly discovered Steep Rock gold deposit. (Arstrong-Best Property)

The geology to the northwest of King Bay up to the Lewis Lake batholith consists of a sequence of rock formations of volcanic origin. This sequence of formations was mapped by this writer over a length of five miles and a depth of three miles in 1983 (CDM Files) with some periferal reconnaissance geology. The "Kuryliw" sequence of rock formations going south from the Lewis Lake batholith is as follows,

- (1) Basaltic Pillow Lava formation (1,500 feet thick)
- (2) Andesitic Pillow Lava formation (500 feet thick)
- (3) Felsic Volcanogenic Sediments formation
(1,500 - 2000 feet thick)
- (4) Basalt Pillow Lava formation (15,000 feet thick)
(This included the Six Mile Kuryliw Claim Blocks, 1992)
- (5) INTRUSIVES

The "Kuryliw" sequence of volcanic formations was extensively intruded by basic rocks, largely gabbro and some amphibolite. Ten to twenty-five percent of the area of the "Kuryliw" volcanic sequence is occupied by gabbroic intrusions. The majority of the intrusions are concentrated along and near the volcanogenic sediments. about four miles west of King Bay the "Kuryliw" sequence of formations has been intruded by granodiorite that occurs as a complex of dykes and dykelets that form a broad stockwork. These granodiorite dykes cut across all gabbros in the volcanics. Some narrow irregular intrusions of sericitic quartz porphyry dykes were located in the mapping.

(6) THE LEWIS LAKE "GRANITE" BATHOLITH

The mineral composition of the batholith near its southern and eastern edges consists mainly of coarse white plagioclase and feldspar which is in part porphyritic. It also contains five to ten percent quartz and up to seven percent ferrromagnesian. The batholith extends as a nose to the southeast into Surgeon Lake just north of the junction of East Bay and King Bay. there is a gradual phase change in the composition of the batholith rock in the nose to the south east.

It becomes depleted in Quartz and ferromagnesian so that they become white syenitic rock composed almost completely of feldspar.

(7) Quartz - Porphyry Rock

Immediately South of King Bay a chain of Quartz-porphyry intrusions trends eastwards towards East Bay westwards across the Six Mile Road.

The Quartz-Porphyry intrusions have a spatial relationship with known gold occurrences in the area. The chain of intrusives forms the southern boundary of gold mineralization.

ROCK TYPES

BASALT LAVAS

The Basalt lavas that underlie the claim blocks are part of a major formation at least three miles thick and it extends eastwards and westwards along strike for scores of miles in each direction.

The rock is a dark greenish grey fine grained lava. The majority of the formation exhibits well formed ellipsoidal structures (pillows). These pillows show tops facing southwards and they dip seventy-five degrees to eighty-five degrees northwards, indicating the formation is slightly overturned. The exposed outcrops mapped do not show any marked fissility or shearing. Some rare fractures are filled with white quartz veinlets and these were sampled and assayed with low gold values, that ranged from .003 - .055 oz. Au. per ton. This Basalt exhibits a relatively low and flat magnetic relief. The V.L.F. conductors occur beneath cedar swamps, any shearing or alteration will have to be tested for, by diamond drilling.

BASALT FLOW BRECCIA

This flow-top Breccia consists of a horizon 50 ft - 100 ft. thick within the Basalt formation and was mapped near 20 N. on lines 4 W - 14 W. This breccia horizon is a valuable marker because it traces a gently arched fold that conforms roughly with the outline of the quartz-porphyry intrusion nearly one-half mile to the S.-E. The flow-top breccia is recognizable from its almost nodular ellipsoidal texture, with the nodules averaging 1 cm - 3 cm. in diameter.

DIORITIC DYKE

This dyke which is about 150 ft. thick, runs E.- W and was mapped at 23 - N across lines 4 W - 18 W. The rocks forming this dyke are fine to medium grained, greyish-green with a slight brownish surface weathering. A few N-W trending tension fractures were filled with white quartz. Two grab samples taken returned values of 0.008 and 0.055 oz. Au. per ton.

QUARTZ PORPHYRY

This intrusive quartz-feldspar-porphyry occurs at the southwest portion of the property, it forms a stock about two miles long E-W, and up to three-quarters mile N-S. The northern contact of the porphyry drops in two steps going westwards. These steps drop southwards in the order of 800 ft. It is postulated that the step-like irregularity of the northern contact of the intrusion may have formed combinations of stresses and tension in the intruded basalts westward. These stresses may have produced favourable structures as indicated by the V.L.F. conductors.

The magnetic survey did not show any change in the intensity, the magnetics over the porphyry continues at the same level when extended from the basalts.

Near the northern contact, the quartz-porphyry is a lighter buff colour and contains a few quartz phenocrysts with abundant feldspar phenocrysts in a groundmass of feldspar and ferromagnesian. About 300 ft. south of the N. contact the porphyry does not have quartz phenocrysts, is a dark greenish-grey and is composed of feldspar phenocrysts in a groundmass of feldspar and abundant ferromagnesian.

One old pit at 29 + 50 E and 3 + 00S, contains an 8" - 10" dark grey-blue quartz vein with ten to fifteen percent coarse stubby arsenopyrite, with some pyrite and traces of chalcopyrite and sphalerite. Five samples were taken across this vein and these assayed from .117 - .274 oz Au. per ton.

TABLE OF FORMATIONS

CENOZOIC

PLEISTOCENE & RECENT

ORGANICS - BOGS, MUSKEG

OVERBURDEN - SAND, CLAY, DETRITALS

PRECAMBRIAN

ACID INTRUSIVES



QUARTZ-VEINS



QUARTZ-FELDSPAR PORPHYRY

INTERMEDIATE INTRUSIVE



DIORITIC DYKE

VOLCANICS



BASALT LAVAS - PILLOWED, MASSIVE



BASALT FLOW BRÉCCIA

REGIONAL ECONOMIC GEOLOGY

Please refer to the key map of gold occurrences and mineralization of the King Bay area, scale 1" = 1/2 mile accompanying this report.

The King Bay area of Sturgeon Lake occurs within an extensive Basalt Lava formation that is over three miles thick. In general the rocks trend E-W to E-N-E. Ellipsoidal flow structures in the Lavas indicate a steep northerly dip and overturned flow-tops that face southwards.

Immediately to the south of King Bay a chain of quartz porphyry intrusions intrudes the basalts and is generally conformable with the formation trend. This chain of intrusions extends for at least six miles (10 kms.) To the north of the quartz - porphyrys ten significant small but rich gold occurrences are known over the same length of six miles. This spatial relationship between the gold occurrences and the quartz porphyry is significant.

All ten known gold occurrences whether they occur in Basalts or Quartz-Porphyry as the host rock have the common characteristic of a distinctive dark-grey-blue to blackish quartz silicification.

This silicification carries the rich gold mineralization. The relatively unique and distinct blue-grey quartz leads to the conclusion that in these cases the known gold occurrences all shared a common genetic source and a common age of mineralization.

NOTE

- (A) It is significant the gold occurrences 1 to 7 on the accompanying map, all have the common characteristic of a uniquely similar silicification and mineralization even though they extend as a chain over a length of six miles. The gold associated mineralization is visible gold with pyrite and pyrrhotite in the dark blue-grey quartz silicification. The tenor of grade in the veins is rich and ranges from 0.30 to 3.00 oz's Au. per ton.
- (B) It is significant that gold occurrence No. 10 found in drill hole 1985 - KB-25, drilled by Steep Rock (ODM files) intersected some acicular arsenopyrite in dark blue-grey quartz in quartz-porphyry that carried low gold values.
- (C) It is significant that gold occurrence No. 3 in quartz-porphyry occurs in the distinctive dark blue-grey quartz vein that carries gold values in the order of 0.20 oz. Au. per ton. The mineral associated with the gold is abundant coarse, stubby crystals of arsenopyrite with minor pyrite, chalcopyrite and sphalerite.

It is concluded from the common distinctive silicification that all the gold occurrences were derived from the same genetic source. There is a uniformity of gold associated mineralization in the E-N-E to easterly direction and also a progressive gold associated change in mineralization in the N-S direction. This N-S variation fits perfectly with the gold zoning system described and published by this writer. ("Some Observations on Gold Zoning" by Chester J. Kuryliw, published in the Northern Miner Magazine, September, 1988.) A copy of this published article is included in the addendum of this report for reference.

There is a thermal gradient recognizable to this period of gold mineralization that consists of a relatively hotter environment at the south of the grid (indicated by the stubby arsenopyrite - gold mineralization) to a cooler environment of mineralization one-half mile northwards (indicated by the gold-pyrite and pyrrhotite mineralization).

The length of claim block 1133791 is bracketed between the gold-pyrite and pyrrhotite zone to the north and the gold-coarse, stubby arsenopyrite zone to the South. This places the potentially richer gold-acicular arsenopyrite mineralization within the one-half mile wide claim block. A determined search for a significant structure within this claim block is warranted because of the potentially rich gold mineralization that should occur. The large quartz-porphry stock intrusion in the S-E part and to the South of claim block 1133791, that intrudes the Basalts, may be the required engine for producing host structures in the Basalts. There appears to be two step-like changes in the trend of the Northerly contact of the quartz-porphry intrusion. These "steps" can be expected to produce similar warps in the intruded Basalts. There is an indication that such warps exist from the traces of the V.L.F. conductors and the curved trend of the more distant flow-top-breccia mapped at 20-N on lines 4-W to 18-W.

The gold-mineral associated zoning indicates a thermal gradient in a N-S direction across the claim block with the relatively hotter zone at the South and the cooler zone at the North. This directional thermal gradient would be expected to influence depositions from hydrothermal activity within active structures. This appears to be the case with the V.L.F. conductors A and C where the more conductive portions occur over weak magnetic lows and are bordered to the North by a magnetic-high shoulder. (In the order of 200 gammas). This magnetic pattern is consistent with the possible migration of ferromagnesian and their deposition northwards. The uniformly low magnetic relief over the Basalts allows the weak anomalous magnetic pattern associated with the V.L.F. conductor to be recognized with some certainty.

Six drill holes have been recommended to test the V.L.F. conductors for favourable structures that could host rich gold deposits.

RESULTS OF DIAMOND DRILLING

DRILL HOLE 1994 -1, Was drilled as a Cross-section hole at -45° to the South, to a total depth of 336.0 Ft. The drill Hole crossed from pillowed Basalt through massive Basalts and into a coarse grained Quartz- Porphyry intrusion. No significant shearing was present in the basalts near the Q-F-Porphyry contact. The Q-F-Por'y was coarse, unsheared:

DRILL HOLE 1994 -2, Was drilled as a cross-section hole at -45° to the North, to a total depth of 666.0 Ft. The drill Hole collared in Pillowed Basalt lava then crossed a broad strongly sheared zone of pillowed Basalt lava. The sheared lava contained 2-10% narrow Stringers of Qtz-Carbonate, most of which follow the schistosity but some str's irregularly cross the schistosity. This Sheared Zone was intersected from 191.8 - 254.5 Ft. and it is mineralized with 2-5% pyrite. It is weakly auriferous, the best assay returned was 0.003 Oz. Au/ton. Near the middle of this sheared Zone, A strongly sheared and sericitized Q-F-P Dyke (tongue) intrudes along the shearing and assayed 0.002 Oz Au/ton. It is this writer's conclusion that there is a good possibility that further Eastwards this Shear Zone will abut into the main mass of sheared Q-F-Por'y where blue Quartz mineralization carrying significant Gold may occur. An equigranular, med-grained Gabbro about 230 feet thick was crossed, Then on the north side of the Gabbro, A sheared Zone in Basalt carries 2-5% Qtz-Carb stringers and 2-5% pyrrhotite. This sheared Zone is weakly Auriferous, the best assay returned was 0.004 Oz Au/ton. This Shear Zone is an extension of the same weakly Auriferous Zone crossed in Drill Hole 1993 C-1 at the Six Mile road, some 3700 Ft. West of Drill hole 1994 -2. The Shear Zone crossed in both of these holes is marked by an extension of the same VLF EM Conductor.

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RECOMMENDATIONS

Diamond Drilling:

To drill 3 of 200 Ft. holes, totalling 600.0 Ft of BQ core size
to test the Eastwards extension of the broad Shear
Zone near to where it abuts the Qtz-Feld-Por'y.
(East of Drill Hole 1994 -2)

Estimated Costs

Mobilization, Demobilization, Moving between Holes,
An All inclusive Core drilling Contract.
600 Ft at \$18.00 per foot \$10,800.

Engineering, Supervision, Core Logging, sampling,
Transportation, accommodation, reports, Assaying
600 Ft. At \$3.50 per foot \$ 2,100.

Program Total \$11,900.



Chester J. Kuryliw

August 23, 1994

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 46 INGALL DR.
 DRYDEN, ONTARIO P8N 3B7

CONCLUSIONS

The widespread occurrences of gold, in rich, but limited sized structures in the King Bay area found to date, fall into a recognizable pattern. All ten listed occurrences have a single distinctive dark blue-grey quartz silicification that carries the gold. There is a variation of the minerals associated with the gold in the dark blue-grey quartz in the N-S direction, but there is a uniformity in the E-W direction. The suite of gold associated minerals falls perfectly into a zoned pattern of gold mineralization along a thermal gradient with the relatively hotter section at the south to the cooler section at the north. The extensive gold mineralization of the King Bay area which extends over six miles in length is related to a single common period of gold deposition with a common genetic source. The mineralization of the gold deposits immediately North of King Bay consists of pyrite and pyrrhotite with visible gold in a dark blue-grey quartz silicification. The vein material assays run in the order 0.30 - 3.00 ozs Au. per ton.

The 1994 Drilling has located a significant, large Sheared Zone Structure in the Basalt lava rocks at the West end of Pistol Lake. It is postulated that these sheared and altered rocks are located where the lavas abut against the sheared? Qtz-Feld-Por'y. The alteration in the sheared rock consists of narrow carbonate stringers both along the schistosity and as wiggly stringers across it. Pyritic mineralization is disseminated throughout. The sheared and sericitized tongue of Qtz-Feld-Por'y within the Shear Zone is also a favourable factor. The missing alteration to date, is the blue-grey silicification that carries the rich Gold mineralization of the area. In most of the known Gold occurrences of the area, the wallrocks of the blue Quartz veins are rich in carbonate stringers. These encouraging factors warrant further drilling to the East of Drill Hole 1994 -2 , in a test for Gold rich silicification. If the the silicification is located, it can be expected to occur in a pipe-like structure with a few hundred feet in cross-section area?

A second sheared Lava structure occurs immediately north of the Gabbro Dyke, This Shear Zone has been traced for over a mile by a VLF EM Conductor. The dominant sulphide mineral is pyrrhotite, narrow carbonate stringers also occur in this Zone. This Shear has been tested by drill Holes 1993 C-1 and 1994-2 some 3700 Ft. apart. The Shear Zone is at least 10 Ft. wide and weakly auriferous.

August 23, 1994

C.J. Kuryliw



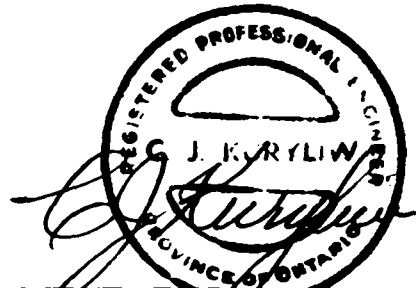
CHESTER J. KURYLIW, M.Sc., P.Eng.
Consulting Geologist

C E R T I F I C A T E

I, Chester J. Kuryliw of 46 Ingall Drive, Dryden, Ontario,
do hereby certify that:

- (1) I am a Professional Engineer and recently I was employed as a Consulting Geologist for several mining companies.
- (2) I am a graduate of:
The University of Manitoba B.Sc. Degree, 1949
The University of Manitoba M.Sc. Degree, 1966
- (3) I am a registered Engineer of the Association of Professional Engineers of Ontario and also Manitoba. I am a fellow of the Geologic Association of Canada, also a member of the Canadian Institute of Mining and Metallurgy.
- (4) I have practiced my profession for over forty years, most of those years at gold mines, during which time I often planned, supervised and directed underground exploration, development and production.
- (5) My report is based upon a study of the magnetic and electro-magnetic survey results on the property which I carried out and I plotted the results. I also carried out geologic mapping in the field over the property, plotted the results with correlations and interpretations and these are incorporated in this report.

August 23, 1994



Chester J. Kuryliw M.Sc. P-Eng

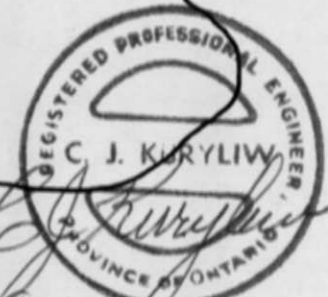
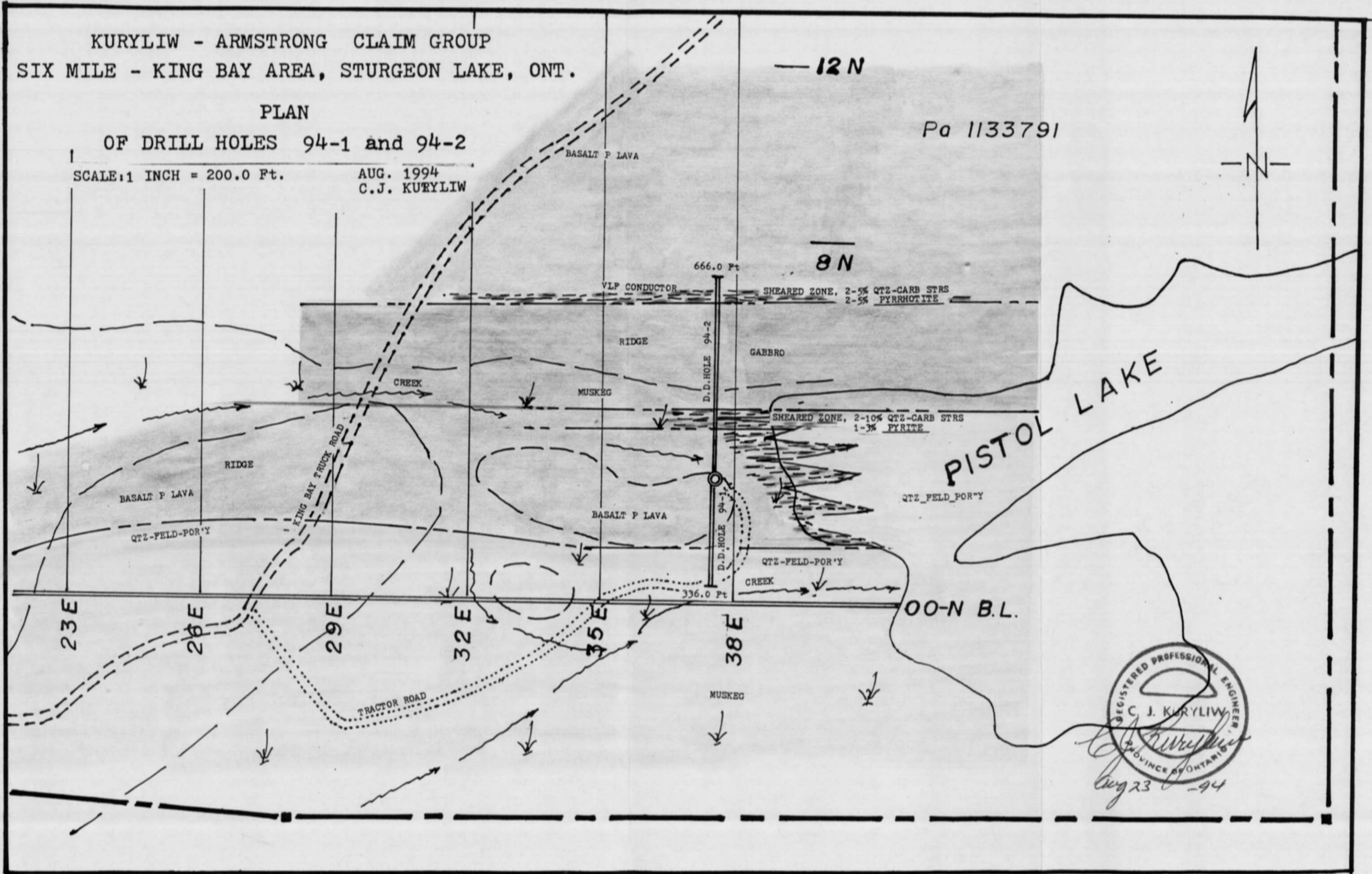
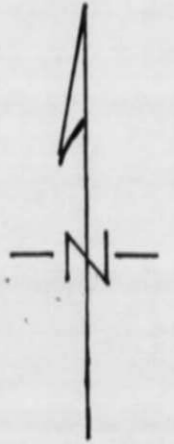
KURYLIW - ARMSTRONG CLAIM GROUP
SIX MILE - KING BAY AREA, STURGEON LAKE, ONT.

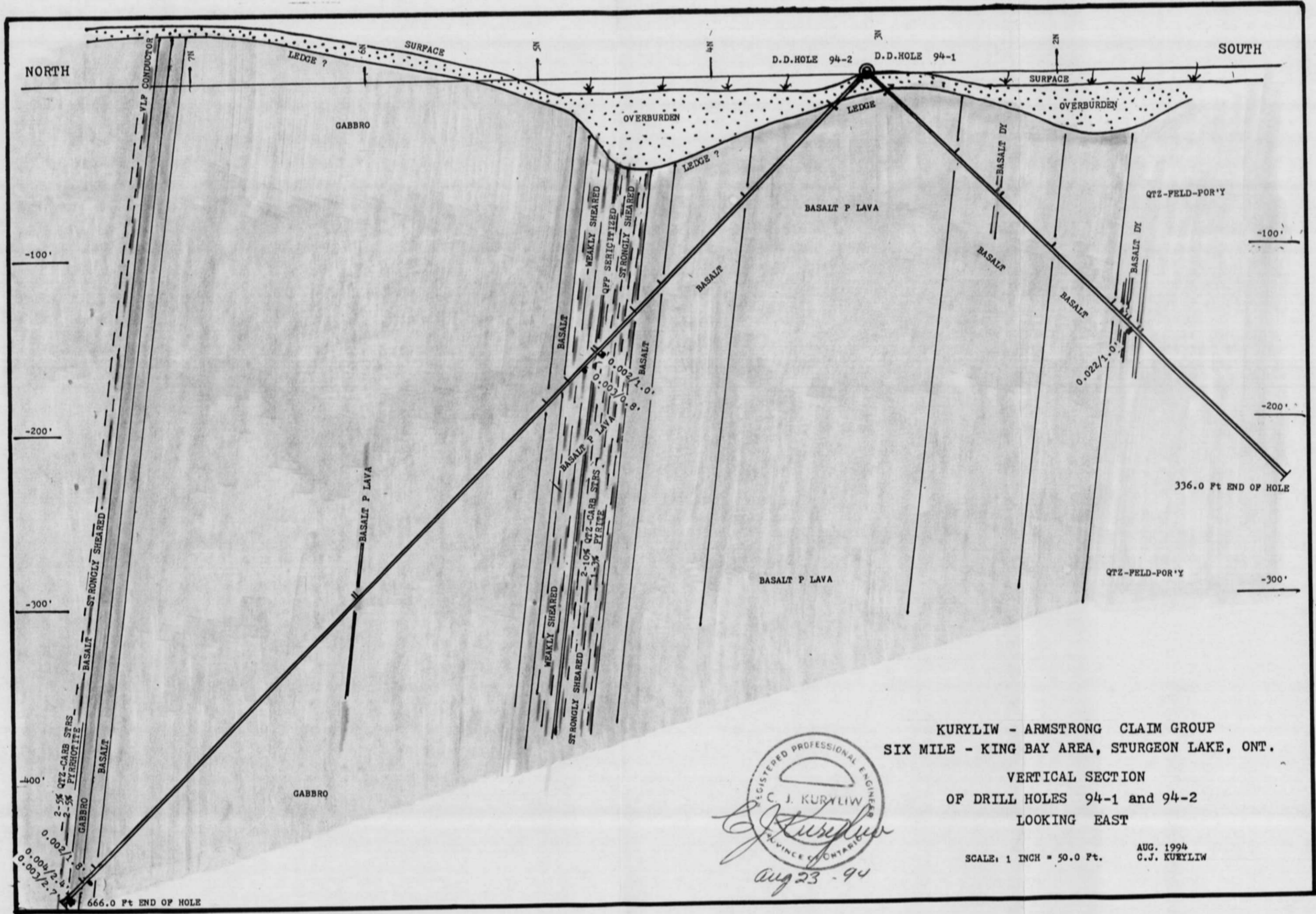
PLAN
OF DRILL HOLES 94-1 and 94-2

SCALE: 1 INCH = 200.0 Ft.

AUG. 1994
C.J. KURYLIW

Pa 1133791





KURYLIW - ARMSTRONG CLAIM GROUP
 SIX MILE - KING BAY AREA, STURGEON LAKE, ONT.

VERTICAL SECTION
 OF DRILL HOLES 94-1 and 94-2
 LOOKING EAST

SCALE: 1 INCH = 50.0 Ft. AUG. 1994
 C.J. KURYLIW

REGISTERED PROFESSIONAL ENGINEER
 C. J. KURYLIW
 (Signature)
 PROVINCE OF ONTARIO
 Aug 23 - 94

DIAMOND WELL RECORD

KURYLIW-ARMSTRONG CLAIM GROUP, SIX MILE-KING BAY CLAIM Pa.1133791

GEOLOGY

HOLE NO. 94-1 SHEET NO. 1

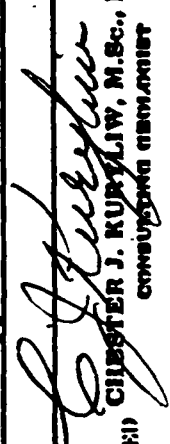
LATITUDE 3+10 North DATUM B-Q Core (stored in rack at truck road 1/2 mi. W. of Collar) STARTED July 30, 1994

DEPARTURE 32+50' East BEARING Due South COMPLETED Aug. 4, 1994

ELEVATION _____ DIP 45° ULTIMATE DEPTH 336 Ft.

DEPTH FEET	FORMATION
0-18.0	Casing, in boulder overburden.
18.0-68.5	Basalt lava, dark greenish, fine grained, with some bleached, amygdaloidal pillow rims, a few barren Q-C str. Basaltic dyke, dark grass green, chloritic, soft.
68.5-68.9	Basaltic dyke, dark grass green, chloritic, soft.
68.9-100.3	Basalt lava, dark greenish, more fine grained and massive than above.
100.3-104.7	Basaltic Dyke, dark grass green, chloritic, contact @ 100.3 is @ 20' to Core-axis @ 104.7 the sharp contact is at 60' to the C-A
104.7-147.0	Basalt, Dark greenish, fine grained, massive.
147.0-194.0	Basalt lava, A fine grained largely massive flow, @ 161.0-162.4 a flow top breccia. From 173.0-194.0 the basalt is slightly sheared with 2%-5% Q-C str.
194.0-201.5	Quartz-Feldspar-Porphiry intrusion, light greyish, med. grained.
201.5-202.4	Basaltic dyke, dark greenish, chloritic.
202.4-203.6	Qtz-Feld-Por'y. Coarse grained.
203.6-206.3	Basaltic dyke, dark greenish, chloritic.
206.3-215.2	Qtz-Feld-Por'y. Coarse Grained.
215.2-218.0	Basaltic dyke, dark greenish, chloritic.
218.0-336.0	Quartz-Feldspar-Porphiry, greyish, coarse grained, 10-15% grey to blue quartz phenocrysts. 2-5 Mm diameter. 20-30% white Feldspar in rectangular phenocrysts. 4-8 Mm diam. of albite-oligoclase. The groundmass is fine and greyish with only minor mafic minerals. some pyrite occurs along rare fractures.

DRILLED BY Kenora Soil & Drilling


 CHESTER J. KURYLIW, M.Sc., P.Eng.
 CONSULTING GEOMINERLOGIST

DIAMOND L. HILL RECORD

KURYLIW-ARMSTRONG CLAIM GROUP, SIX MILE-KING BAY

Claim Pa. 1133791
SHEET NO. 1

GEOLOGY

HOLE NO. 94-2

B-Q core stored in rack at truck
road: 1/4 mi. W. of drill-collar

Aug. 5, 1994

LATITUDE 3+10' North

DEPARTURE 37+47 East

BEARING Due North

COMPLETED Aug. 10, 1994

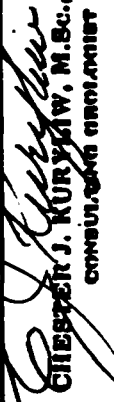
ELEVATION _____ DIPI -45°

ULTIMATE DEPTH 666.0 Ft.

DEPTH FEET	FORMATION
0-28.0	Casing, in boulder overburden.
28.0-89.0	Basalt lava, light greenish, fine grained, somewhat massive, a few bleached sections suggest pillows, devoid of fractures.
89.0-101.0	Basalt pillow lava, dark colored pillow rims, amygdaloidal near rims.
101.0-171.0	Basalt, light greenish, fine grained, massive, rare fractures.
171.0-191.8	Basalt pillow lava, obvious pillow rims with amygdaloidal edges. rare fractures.
191.8-226.0	Basalt pillow lava, strongly sheared, shearing at 40' to core axis, dark pillow rims are still recognizable and carry some pyrite. 5-10% irregular Qtz-Carb str.
226.0-227.0	Quartz-Por'y dyke. (tongue) strongly sheared, sericitic-waxy look, sharp contacts, @ 40' to core-axis.
227.0-254.5	Basalt pillow lava, weakly sheared, 2-5% Q-C str along schistosity, some pyrite
254.5-265.8	Basalt, fine grained, massive, light grey-green.
265.8-423.4	Gabbro, a sill(?) that follows along the shear zone westwards across the six mile road. the Gabbro is med. grained greenish, with few fractures, equigranular.
423.4-424.0	Basalt inclusion, amygdaloidal lava, contacts @ 60' to core axis.
424.0-638.8	Gabbro sill, Med. grained, equigranular, greenish, massive, unaltered, rare fractures
638.8-644.2	Basalt, dark green, minor alt'n, minor Qtz-Carb str.
644.2-645.2	A 2 inch grey Qtz. Vein @ 40' to C/A with 40% q-Carb wallrock, 5% pyrrhotite, Tr. Chalco
645.2-649.2	Alt'd Basalt, 5-7% Qtz-Carb str, 2% dissem. Pyrrhotite.
649.2-660.8	Gabbro dyke, fine grained, massive.
660.8-666.0	Basalt lava, strongly amphibolized, 1 Ft. of massive actinolite @ 664.5' to 666.0', 5% Q-C, 2% Po Sheared

DRILLED BY

Kenora Soil & Drilling.


 CHESTER J. KURYLIW, M.Sc., P.Eng.
 CONSULTING GEOLOGIST

MINED

MINED

DIAMOND DRILL RECORD

KURYLIW-ARMSTRONG CLAIM GROUP, SIX MILE-KING BAY

HOLE NO. 94-2 SHEET NO. 1

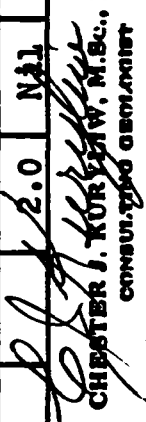
SAMPLING

LATITUDE _____ DATUM _____ STARTED _____

DEPARTURE _____ BEARING _____ COMPLETED _____

ELEVATION _____ DIP _____ ULTIMATE DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	% Py. or As
116.2-116.7	Pillow selvage. 20% Q-C. 20% Py. in large 1 Cm cubes.	1605			0.5	Tr
192.1-194.0	Sheared Basalt, 5% Q-C str. 2% Py.	1606			1.9	Tr
194.0-195.5	Sheared basalt, 3% Q-C, 1% Py.	1607			1.5	Tr
195.5-197.4	Sheared basalt, 5% Q-C, 1% Py.	1608			1.9	Tr
197.4-200.4	Sheared basalt, 5% Q-C, 1% Py.	1609			3.0	Nil
200.4-202.4	Sheared basalt, 5% Q-C, 2% Py.	1610			2.0	Tr
205.8-207.3	Sheared basalt, 5% Q-C, 1% Py.	1611			1.5	Nil
207.3-210.0	Sheared basalt, 5% Q-C, 1% Py.	1612			2.7	Nil
217.0-218.4	Sheared basalt, 15% Q-C, 1% Py.	1613			1.4	Tr
218.4-221.0	Sheared basalt 10% Q-C, 1% Py.	1614			2.6	Nil
221.4-223.4	Sheared Basalt 7% Q-C, 2% Py.	1615			2.0	Nil


 CHESTER J. KURYLIW, M.Sc., P. Eng.
 CONSULTING GEOMORPHOLOGIST

DRILLED BY _____

DIAMOND DRILL RECORD

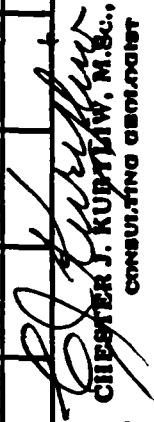
KURLIW-ARMSTRONG CLAIM GROUP, SIX MILE-KING BAY

SAMPLING

HOLE NO. 94-2 SHEET NO. 2

LATITUDE _____ DATUM _____ STARTED _____
 DEPARTURE _____ BEARING _____ COMPLETED _____
 ELEVATION _____ DIPI _____ ULTIMATE DEPTH _____

DEPTH FEET	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	WZA AN
223.4-226.0	Sheared basalt, 7% Q-C, 2% Py.	1616			2.6	Tr
226.0-227.0	Sheared, sericitic Qtz Por'y, buff, 2% Py.	1617			1.0	0.002
227.0-229.6	Sheared basalt, 3% Q-C, 1% Py.	1618			2.6	Tr
246.6-247.4	Sheared basalt, 20% Q-C, 7% Py. in patches	1619			0.8	0.003
642.3-644.2	Altered basalt, 3% Q-C, 1% Pyrrhotite (Po.)	1620			1.9	Tr
644.2-645.2	A 2-inch thick grey Quartz vein with 40% Q-C in wallrock, 5% Po. throughout, Tr Py, Tr Chalco	1621			1.0	Tr
645.2-647.0	Basalt, altered, 5% Q-C, 2% Po.	1622			1.8	0.002
647.0-649.4	Basalt, altered, 5% Q-C, 2% Po.	1623			2.4	0.004
661.5-664.2	Sheared basalt, heavy actinolite, 7% Q-C.	1624			2.7	0.003


 CHESTER J. KURLIW, M.Sc., P. Eng.
 CONSULTING GEOLOGIST



WAWA ASSAYING INC.

P.O. Box 1998 - Wawa, Ontario POS 1K0 - 705-858-4443
127 Mission Road Fax - 705-856-2902

CERTIFICATE OF ANALYSIS

CLIENT: CHESTER KURLIIV


DATE: August 12, 1994

PROJECT:

REF:

TYPE OF ANALYSIS: Gold Analysis - Fire Assay, gravimetric finish

SAMPLE No.	Au oz/ton
1601	nil
1602	tr
1603	tr
1604	0.022
1605	tr
1606	tr
1607	tr
1608	tr
1609	nil
1610	tr
1611	nil
1612	nil
1613	tr
1614	nil
1615	nil
1616	tr
1617	0.002
1618	tr
1619	0.003

Certified By: 



WAWA ASSAYING INC.

P.O. Box 1998 - Wawa, Ontario P0S 1K0 - 705-856-4443
127 Mission Road Fax - 705-856-2902

CERTIFICATE OF ANALYSIS

CLIENT: CHESTER KURLIOW


DATE: August 16, 1994

PROJECT:

REF:

TYPE OF ANALYSIS: Gold Analysis - Fire Assay, gravimetric finish

SAMPLE No.	AU oz/ton
1620	tr
1621	tr
1622	0.002
1623	0.004
1624	0.003

Certified By: 



Report of Work Conducted After Recording Claim

Mining Act

Transaction Number

W9430.00071

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

2.15721

- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for req. Recorder.
 - A separate copy of this form must be completed
 - Technical reports and maps must accompany th
 - A sketch, showing the claims the work is assign



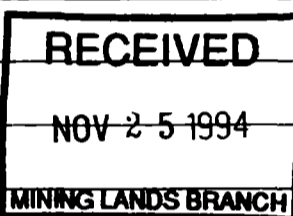
52J02SW0002 2.15721 FOURBAY LAKE

900

Recorded Holder(s) C. J. KURLIWI (50%) G. ARMSTRONG	Client No. 154635 (C.K.) 103079 (G.A.)
Address 46 INGALL DR. DRYDEN, ONT. P8N 3B7	Telephone No. 807 223 6080
Mining Division PATRICIA	M or G Plan No. G-2543
Township/Area FOURBAY LAKE	
Dates Work Performed From July 28, 1994	To: Aug. 23, 1994

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	
Physical Work Including Drilling	Diamond Drilling, 1,002 Ft. of B-2 Core size (W20)
Rehabilitation	(PDRILL) (ASSAY)
Other Authorized Work	
Assays	Core Assays
Assignment from Reserve	



Total Assessment Work Claimed on the Attached Statement of Costs \$ 21,972.24

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

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

Name	Address
KENORA SOIL AND DRILLING (DRILLING CONTRACTOR)	Box 109, Kenora, Ont. P9N 3X1
WAWA ASSAYING	Wawa, Ont.
Chester J. Kuryliw (Consulting Geologist)	46 Ingall Dr. Dryden, Ont. P8N 3B7

(attach a schedule if necessary)

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

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.

Date: Nov. 21, 1994
Recorded Holder or Agent (Signature): *C. J. Kuryliw*

Certification of Work Report

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

Name and Address of Person Certifying: C. J. KURLIWI 46 INGALL DR. DRYDEN, Ont. P8N 3B7

Telephone No: 807 223 6080
Date: Nov 21, 1994
Certified By (Signature): *C. J. Kuryliw*

For Office Use Only

Total Value Cr. Recorded \$ 21,972	Date Recorded 94 NOV 21	Mining Recorder <i>[Signature]</i>	Received Stamp RECORDED NOV 21 1994 Receipt <i>[Signature]</i>
	Deemed Approval Date 95 FEB 20	Date Approved <i>[Signature]</i>	
	Date Notice for Amendments Sent		

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

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

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

January 17, 1995

Our File: 2.15721
Transaction #: W9430.00071

Mining Recorder
Ministry of Northern Development
and Mines
Queen & Fourth
P.O. Box 3000
Sioux Lookout, Ontario
P8T 1C6

Dear Sir/Madam:

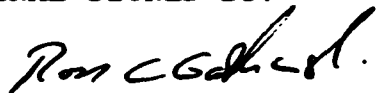
**Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIM
Pa1133791 IN FOURBAY LAKE AREA**

Assessment work credits have been approved as outlined on the report of work form for the submission. The credits have been approved under Section 16 (Drilling) and Section 17 (Assays) of the Mining Act Regulations.

The approval date is January 13, 1995.

If you have any questions regarding this correspondence, please contact Steven Beneteau at (705) 670-5858.

ORIGINAL SIGNED BY:



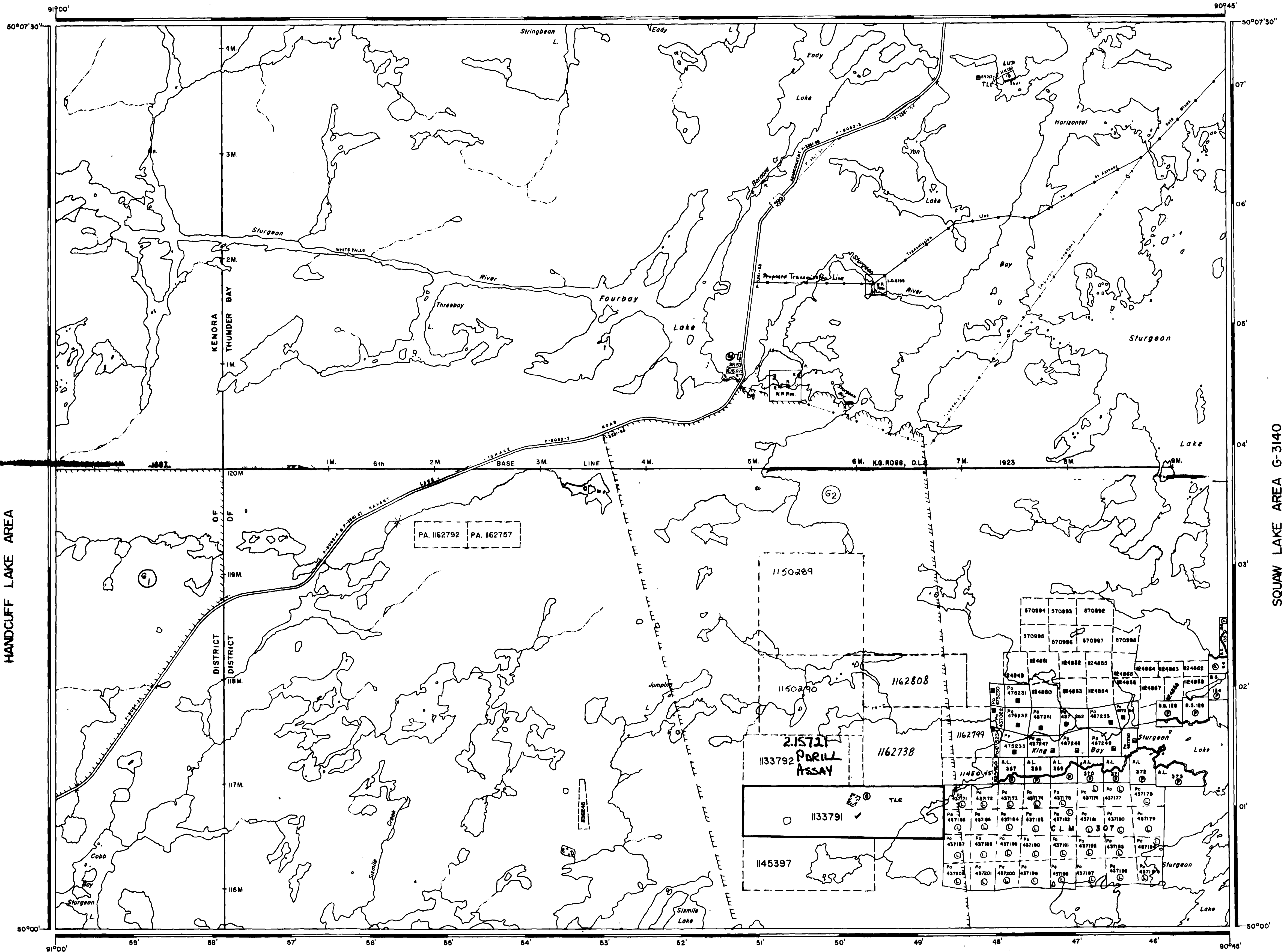
Ron C. Gashinski
Senior Manager, Mining Lands Section
Mining and Land Management Branch
Mines and Minerals Division

SBB/jl
Enclosures:

cc: Resident Geologist
Sioux Lookout, Ontario

✓ Assessment Files Library
Sudbury, Ontario

BARNARD LAKE AREA G-2531



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

LEGEND

- SURFACE & MINING RIGHTS
- PATENTED LAND
- CROWN LAND SALE LEASES
- LOCATED LAND
- LICENSE OF OCCUPATION
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED
- TRAPLINE CABIN

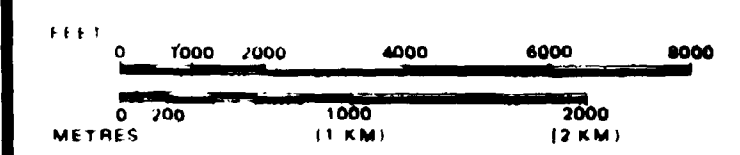
- C.S.
- L.O.
- M.R.O.
- S.R.O.
- C.
- TLC

REFERENCES

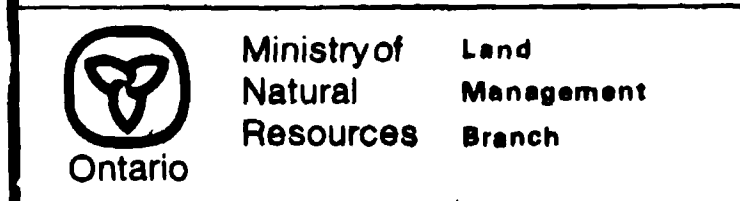
AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
 - S.R.O. - SURFACE RIGHTS ONLY
 - M.+S. - MINING AND SURFACE RIGHTS
- | Description | Order No. | Date | Disposition | File |
|-------------|-----------|------|-------------|------|
| | | | | |

SCALE: 1 INCH = 40 CHAINS



AREA
FOURBAY LAKE
 M.N.R. ADMINISTRATIVE DISTRICT
DRYDEN
 MINING DIVISION
PATRICIA
 LAND TITLES / REGISTRY DIVISION
KENORA / THUNDER BAY



Date: JANUARY, 1984
 Number: **G-2543**

Sixmile Lake Area - G-2561

501904

