

N.T.S. 31 C/13



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**REPORT ON DIAMOND DRILL PROJECT
TUDOR GOLD PROSPECT
TUDOR TOWNSHIP, ONTARIO**

2.20421

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REPORT ON DIAMOND DRILL PROJECT TUDOR GOLD PROSPECT TUDOR TOWNSHIP, ONTARIO

I. INTRODUCTION

Scope

This report summarizes results of a diamond drill program on the Tudor Gold Prospect located in Tudor Township, Ontario (Figure 1.). Drill logs, cross sections and drill hole location maps are appended to this report.

Property Location, Ownership, Size and Access

The Tudor Property is located in the northeast corner of Tudor Township, Ontario (Figure 2.) The property consists of 13 contiguous unpatented mining claims, 42 units in size and cover a total area of 840 hectares (Figure 3).

The Tudor Property is equally owned by Jim Chard of Cordova Mines, Ontario and Robert Dillman of Mount Brydges, Ontario. A list of the mining claims forming the Tudor Property is presented in Table 1.

The Tudor Property is accessible by road. The property can be reached by traveling from the town of Gilmour located on Highway 62 northeast towards Wadsworth Lake on the paved County road running through the town. By turning south on the Pine Ridge Road located 3 km northeast from Gilmour, access to the property can be made by a service road which follows a main Hydro transmission line crossing the central area of the property.

Diamond Drill Program Logistics

A total of 439 metres of diamond drilling were completed in 6 angled drill holes on the property. The project ran between August 9, 1999 to August 25, 1999. BQ diameter drill bits were used for drilling. George Downing Estate Drilling Limited of Calumet, Quebec was chosen as the drill contractor.

The location and length of each drill hole are summarized in Table 2. Maps showing the location of each drill hole have been plotted at a scale of 1 :2,500 and are included with this report. Cross sections deciphered from each drill hole are plotted at a scale of 1: 1,250 and are

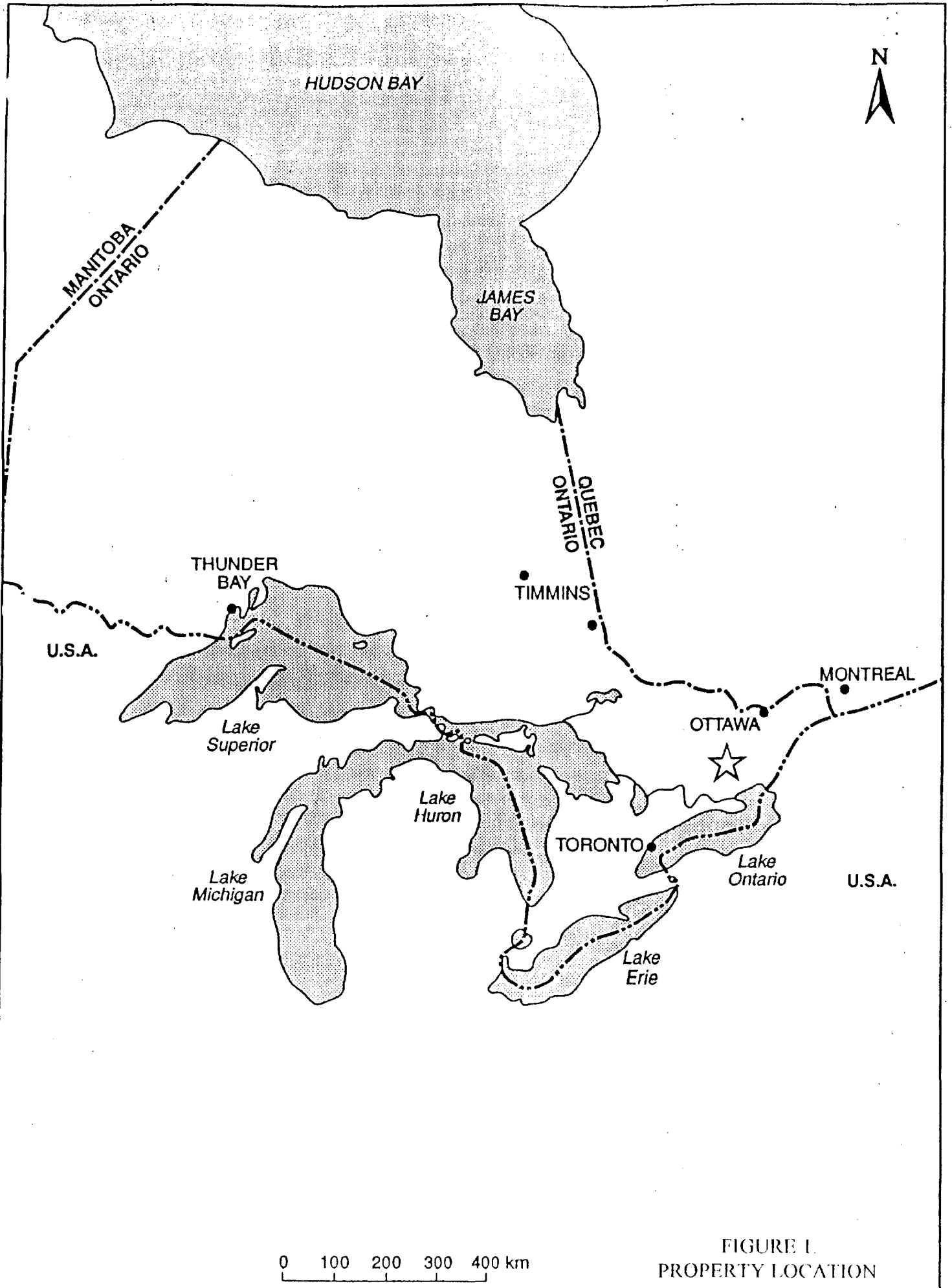
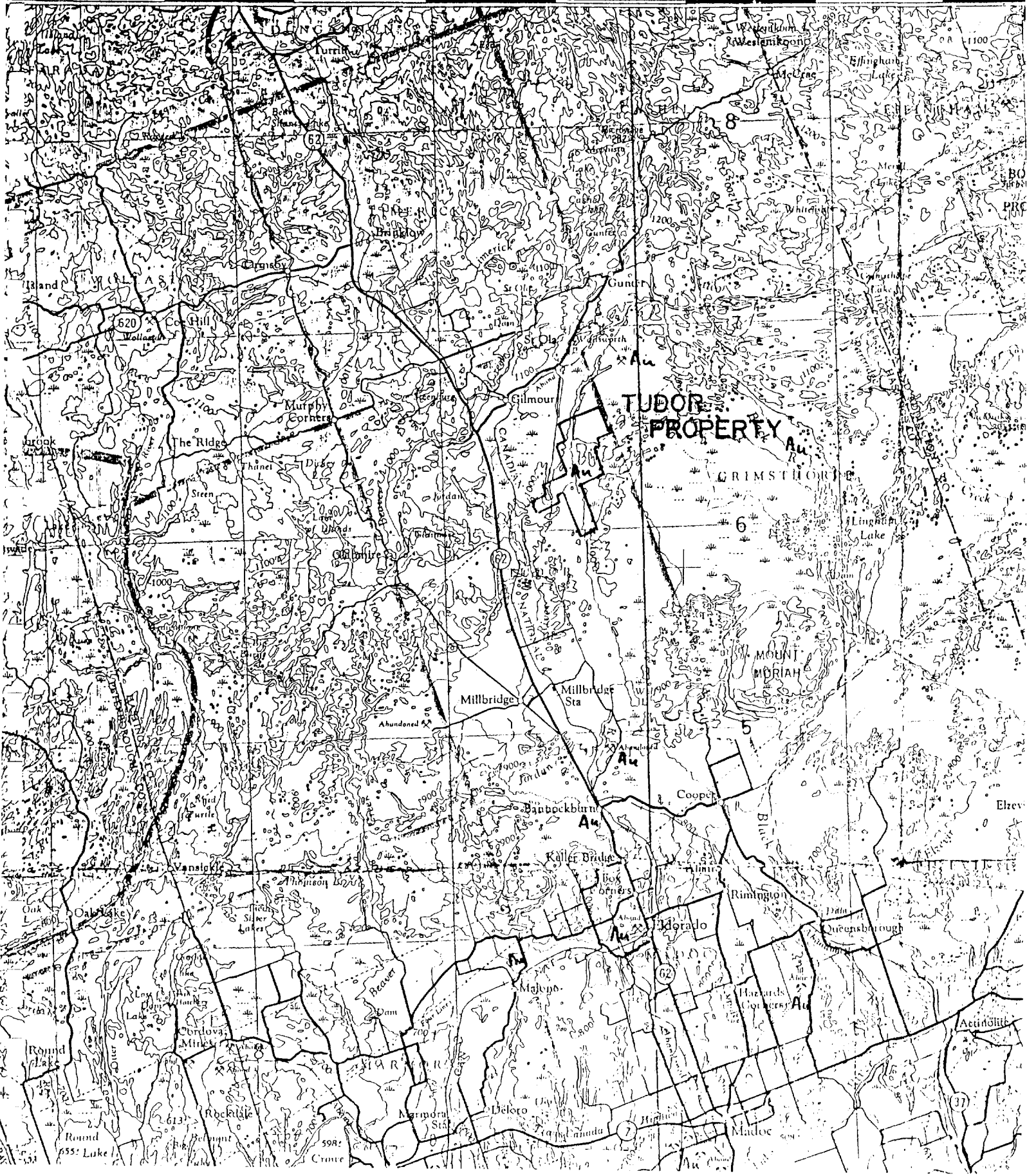


FIGURE 1.
PROPERTY LOCATION

PROPERTY LOCATION
TUDOR PROPERTY
TUDOR TWP., ONTARIO
 N.T.S. 31C: KINGSTON, SCALE 1:250,000

1:250,000

Bancroft 7m To York River
 71W 1.E. 8 45' 9 MAYO 0 30' 1



**TABLE 1:
TUDOR PROPERTY
TUDOR TOWNSHIP, ONTARIO
CLAIM MAP M-156**

The claim numbers and locations are:

Claim Number	Lots	Concessions
1195172	1 to 4	XV
1195188	5 to 6	XV
1195192	3 to 6	XIV N. 1/2
1195189	4	XIII N. 1/2
	4	XIV S. 1/2
820718	5	XIV S. 1/2
1195173	6	XIV S. 1/2
1077083	7	XIII
820719	5	XIII N. 1/2
820720	6	XIII N. 1/2
1195191	4 to 5	XIII S. 1/2
820721	6	XIII S. 1/2
1195170	8 to 10	XIII S. 1/2
1077082	7 to 8	X

TABLE 2.
DIAMOND DRILL HOLE INFORMATION
TUDOR PROPERTY

DRILL HOLE NUMBER	DIP	LENGTH metres	DIRECTION	CLAIM NUMBER	LOT & CONCESSION	N.T.S COORDINATES	GRID LOCATION	START & FINISH
DT-99-13	45°	70.7	285°	1076809	L.7, Con. XII, S.1/2	297155 m. E, 4960975 m. N.	27+05 S 1+70 E	10/08/99 12/08/99
DT-99-14	45°	70.7	285°	1076809	L.7, Con. XII, S.1/2	297150 m. E, 4961070 m. N.	26+42 S 1+47 E	13/10/99 17/10/99
DT-99-15	45°	65.5	270°	1076809	L.7, Con. XII, S.1/2	297080 m. E, 4961070 m. N.	26+42 S 1+02 E	17/10/99 19/10/99
DT-99-16	45°	83.5	95°	820720	L.6, Con.XIII, N.1/2	297245 m. E, 4962900 m. N.	7+45 S 1+00 W	19/10/99 23/10/99
DT-99-17	50°	79.9	300°	820719	L.5, Con.XIII, N.1/2	297280 m. E, 4963040 m. N.	5+88 S 0+05 W	23/10/99 24/10/99
DT-99-18	50°	68.6	300°	820718	L.5, Con.XIV, S.1/2	297305 m. E, 4963210 m. N.	5+03 S 0+47 E	24/10/99 25/10/99

also included with this report.

The drill program was supervised by Jim Chard and Robert Dillman. Core from the drill holes were logged by Robert Dillman. Sample preparation was supervised by Jim Chard.

At the time of this report, core from the program is being stored at Jim Chard's residence in Cordova Mines.

Analytical Procedure

228 samples were collected from split drill core and analyzed for gold by Lakefield Research Limited located in Lakefield, Ontario. The results of Lakefield's analyses are appended to this report.

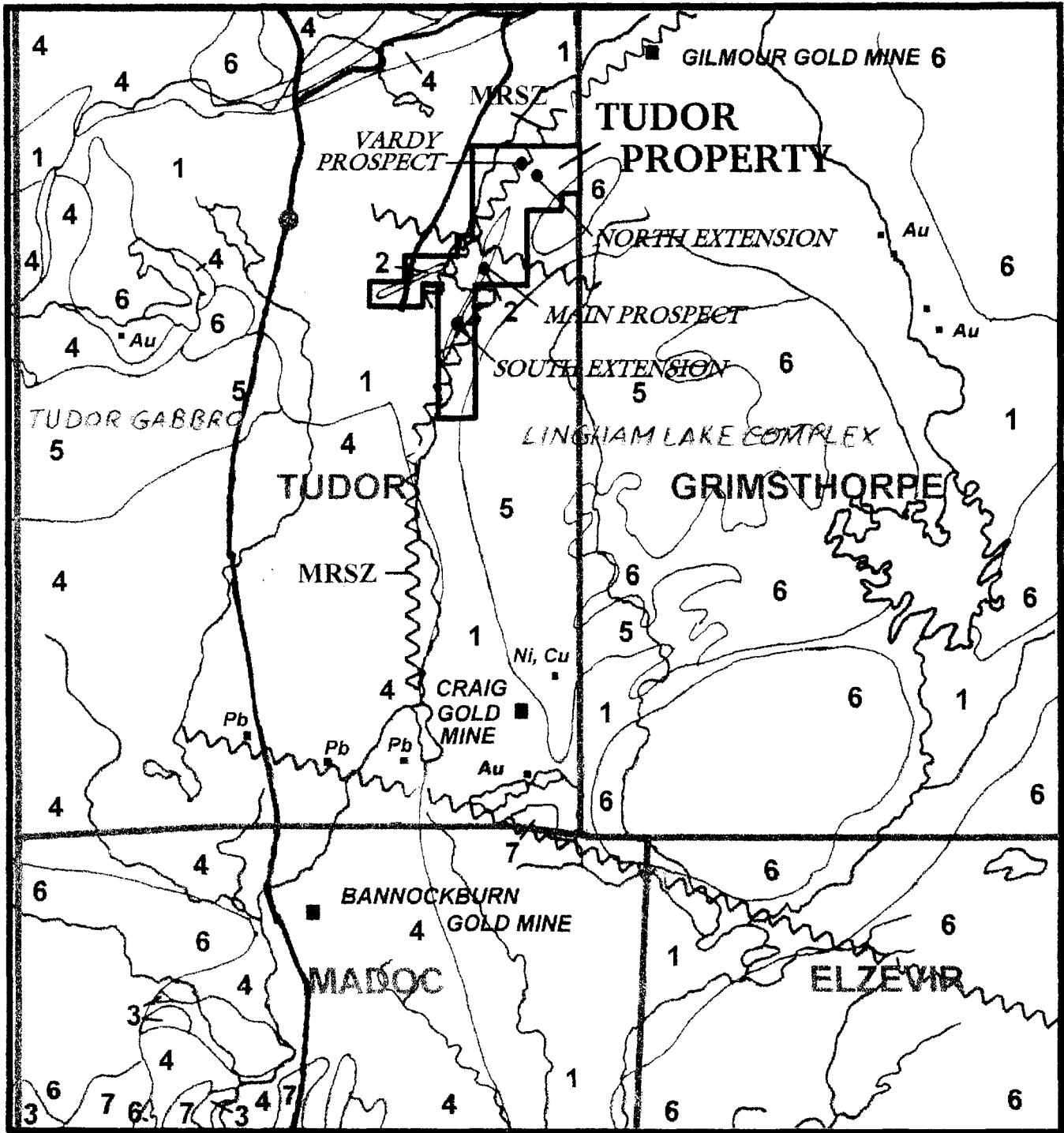
At the laboratory, 1 kg from each sample was pulverized to -200 mesh. From this, 30 g was selected for common Fire Assay. The procedure has a minimum detection limit of <0.02 grams per tonne.

Regional and Property Geology

The Tudor property is located within the central metasedimentary belt of the Elzevir Terrain of the Grenville Province. The age of the rocks in the area are Proterozoic. Figure 4 summarizes regional geology.

The Tudor Property (Figure 5) is underlain by mafic metavolcanic flows, metasedimentary schists and felsic tuffaceous units. The entire sequence has been deposited within a marine environment. The metasedimentary rocks consist of clastic rocks, carbonates and fine-grained argillaceous units. Much of the clastic material has been eroded from a nearby volcanic terrain. The metavolcanic rocks occur as flows and sills of basaltic and gabbroic material.

Several felsite bodies trend northeast-southwest and east-west across the property. Felsite units consist of variably foliated fine-grained massive bodies of quartz-feldspar-mica bearing rock. Prototypes of these rocks may be rhyolite tuff, quartz-rich greywacke or granite. The largest felsite body ranges from 50 to 125 metres wide and extends for 3,600 metres northeast-southwest through the central area of the property. Smaller felsite bodies continue intermittently across the northern regions of the property. The largest felsite body displays weak zoning. The zoning is caused by variable amounts of chlorite + biotite and relative to the amount of silicate minerals. Variable concentrations of chlorite and biotite occur along cleavages and form moderate to strong



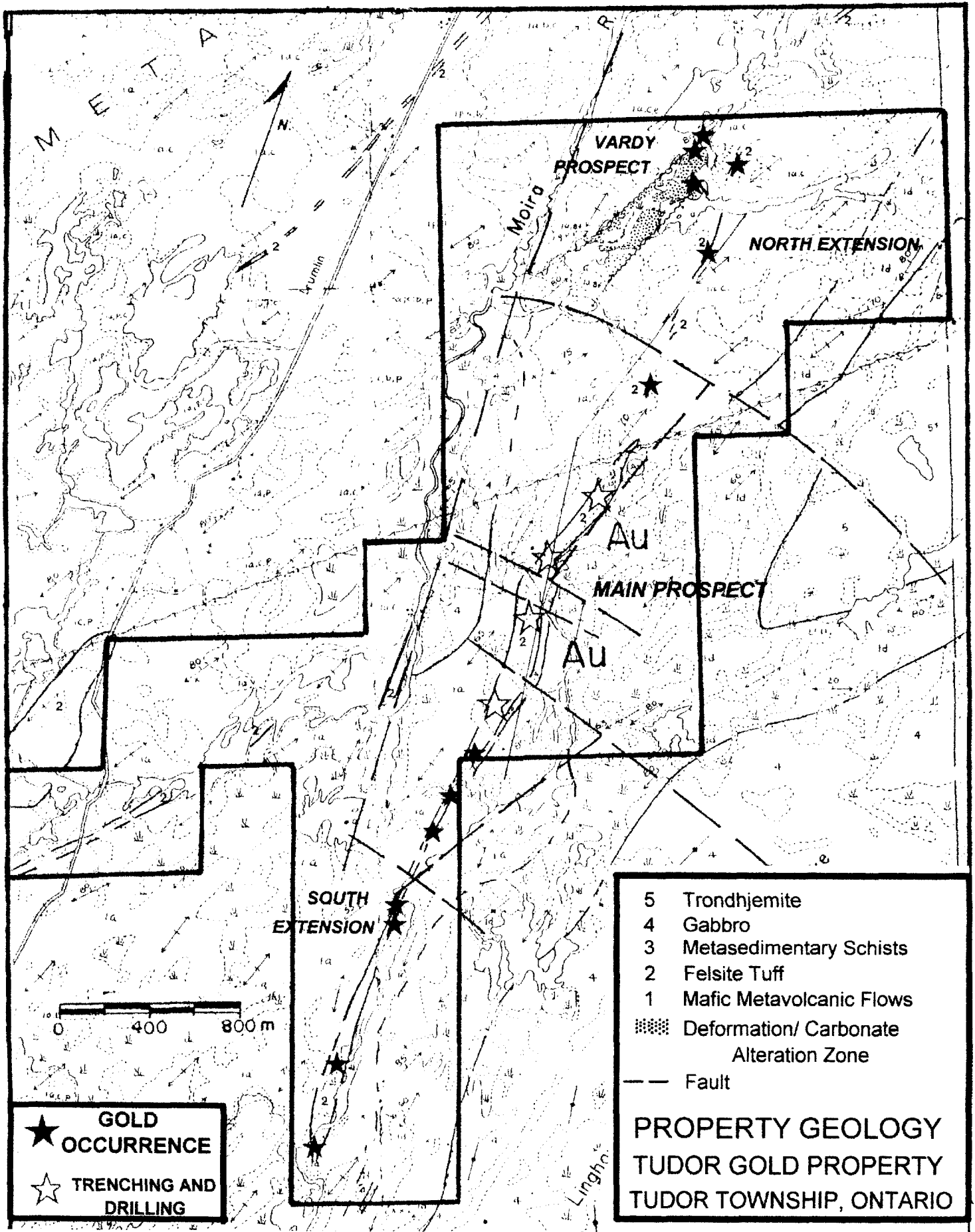
- 7 LIMESTONE
- 6 GRANITE
- 5 GABBRO
- 4 MARBLE
- 3 METASEDIMENTARY SCHISTS
- 2 FELSITE TUFF
- 1 MAFIC METAVOLCANIC FLOWS

- Au Gold
- Pb Lead
- Ni Nickel
- Cu Copper

- 0 1 2 km
- MRSZ Moira River Shear Zone
- Fault

GEOLOGY

TUDOR-MADOC REGION

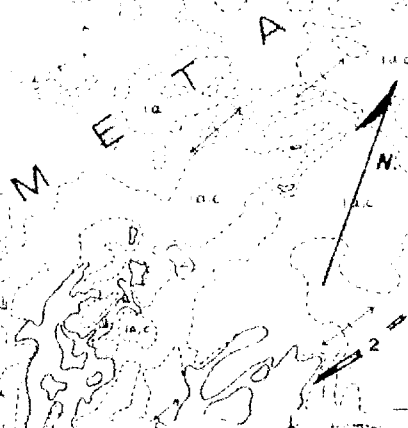
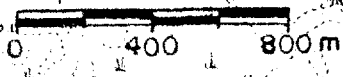


5	Trondhjemite
4	Gabbro
3	Metasedimentary Schists
2	Felsite Tuff
1	Mafic Metavolcanic Flows
▨	Deformation/ Carbonate Alteration Zone
—	Fault

PROPERTY GEOLOGY
TUDOR GOLD PROPERTY
TUDOR TOWNSHIP, ONTARIO

★ GOLD OCCURRENCE

☆ TRENCHING AND DRILLING



foliation to schistosity.

The felsic units are variably sheared and have extensive silicified alteration zones. Potassic alteration in the form of sericite may also be present. Shearing and silicification frequently occur along the 'footwall' or eastern side of most mineralized felsite units. Characteristically, sheared and silicified felsite has very fine-grained aphanitic texture and shows little to no foliation. This is due to strong mylonitization and alteration. These sections usually alternate with less deformed sections of felsite. Arsenopyrite, pyrite and gold mineralization appear to be directly associated with the degree of silicification. Sericite rich sections of felsite sometimes occur where felsite units are cut by cross cutting faults.

All rock units on the property have been intruded by fine-grained felsic and mafic dikes. These intrusions are most likely related to the formation of the Lingham Lake Intrusive Complex, which is a large differentiated plutonic body located east and southeast of the property. Mafic dikes consist of gabbro or diabase.

A trondhjemite body occurs on the northeast boundary of the property. The unit is believed to precede the formation of the Lingham Lake Complex. It may also be responsible for some felsite dikes on the property and throughout the township.

Most geological formations on the property have been tilted vertically or dip steeply towards the east or west. The general trend of schistosity is northeast-southwest.

Rocks within the township have been metamorphosed to the degree of high greenschist. There are local areas where the maximum grade has reached the low to moderate amphibolite facies. Metamorphic grade appears to increase towards the east. It is largely controlled by the proximity to the Lingham Lake Complex and smaller intrusive bodies.

Structurally, the property straddles a section of the Moira River Shear Zone. The structure trends northeast-southwest and ranges several hundred metres wide. Rock units within the fault zone are sheared and deformed. There are local areas of quartz veining and Fe-carbonate injections and alteration associated with shearing. At least one other system of faulting has been recognized in the area. This system of structures trend northwest-southeast and cross the Moira River Fault zone. Variation of width exhibited by the large felsite body in the central area of the property is believed to be a result of block faulting along the cross-cutting structures. In the

southeast corner of Tudor Township, faulting appears to have been active or developed after the deposition of Ordovician limestones indicating a relatively young age of some northwest trending faults.

Quartz veining and quartz-ankerite stringer stockwork systems with associated pyrite and arsenopyrite mineralization occur with shearing associated with the Moira River Structure. Similar zones of favorably prospective mineralization occur marginal to the Lingham Lake Complex. Gold has been found with some of the sulphide mineralization and has been mined in the past in several localities along strike from the Tudor Property.

Three areas of significant gold mineralization have been found on the Tudor Property. The Main Prospect, located in the large felsite body in the central area of the property consists of gold bearing sheared and silicified felsite rock. Mineralized felsite tends to be very-fine grained/ aphanitic textured and strongly siliceous. Gold values ranging 0.5 - 75.4 grams per tonne (g/t) occur in 1 - 10 distinctive sheared + silicified shoots averaging 1 - 22 metres wide. Native gold has been found at two localities within the Main Prospect. Mineralization is traceable along strike for a distance exceeding 3,000 metres. Much of the Main Prospect consists of continuous mineralization along the eastern side or footwall of the felsite unit.

In the north central area of the property, similar gold mineralization has been found in several smaller felsite units. The felsite units are believed to be the continuation of the main felsite unit hosting the Main Prospect. Gold values of 0.2 - 9.7 g/t have been detected in 2-3 parallel felsite bodies ranging 0.25 - 2 metres wide. The units can be traced intermittently for 1,600 metres and including the Main Prospect form a gold-bearing horizon on the property extending over 4,600 metres.

The Vardy Prospect, also located in the north area of the property, consists of gold bearing quartz veins and quartz-carbonate stringer systems associated with an intensely sheared and carbonated deformation zone. The shear/deformation zone is up to 200 metres wide and has an open strike length exceeding 700 metres. The structure occurs in mafic metavolcanic rocks contacting metasedimentary rocks of greywacke and argillaceous composition. Fine-grained siliceous magnetite iron formation occurs at the metasedimentary contact on the east side of the shear. Sugary-quartz veins up to 2 metres wide have developed along this contact. The veins have

returned good gold values in several areas ranging between 1 - 28 g/t. Native gold has been observed at one location along the contact. Gold, ranging up to 6 g/t has been detected in arsenopyrite bearing quartz stringers occurring in the sheared and carbonated mafic metavolcanic.

Previous Work

Tudor Township has a fairly extensive history of mineral exploration and mining activities throughout most of the township. Minerals occurring in the township include: gold, silver, lead, zinc, iron, copper, nickel, palladium, titanium and marble. Gold has been produced in the last 100 years at the Craig mine located 10 km south of the property and at the Gilmour mine in Grimsthorpe Township located 5 km northeast of the property (Figure 4). Recently, the Madoc Mining Company constructed underground developments and removed ore from a gold deposit located at Bannockburn in Madoc Township 17 km south of the property. The ore was sent for processing to Rouyn-Noranda in Quebec.

In 1949, the Geophysical Section of the Geological Survey of Canada included the Tudor Property in an aeromagnetic survey over Tudor Township.

In 1961, the geology of Tudor Township was mapped by S.B. Lumbers on behalf of the Ontario Geological Survey. His work is presented in O.G.S. Report: 67.

Some evidence of previous prospecting activities has been found on the claims 820718 to 820721 inclusive although there is no record of this historic work. It was first noted in 1969 when Lumbers describes sampling an open cut on the north shore of a small pond in north half of lot 5, concession XIII. The open cut contains a 50-60 cm wide quartz vein hosted in potassic rhyolite (felsic unit). The vein and wallrock assayed 0.01 oz/ton and 0.03 oz/ton Au respectively.

In 1970, Toronto based prospector R. B. England staked the south half of lot 5, concession XIV (currently 820718) and reported assays of 0.06 oz/ton Au from a pit he blasted in arsenopyrite mineralization in the felsic unit. He reports a second gold occurrence on the claim in the vicinity of the hydro power line. This occurrence has not been located.

In 1985, Dillman and Chard staked the four claims: 820718 to 820721 inclusive covering the north half of the felsite body and the reported gold occurrences. Between 1985 and 1989, work on the claims included: line cutting, magnetic and VLF electromagnetic geophysical surveys, rock sampling and soil geochemistry. The majority of this work was concentrated on the felsic

unit. Results of the magnetometer survey defined the felsite body as a distinct "low" magnetic response in relation to surrounding mafic country rock. The VLF survey outlined a weak conductor along most of the east side of the felsic unit. The soil survey showed a continuous gold-arsenic anomaly over the felsite unit extending more than 1,300 metres. Prospecting revealed several spot occurrences of gold in the felsite with values of 0.24 oz/ton Au.

During the spring of 1989, Hol-Lac Gold Mines Limited optioned the property from Dillman and Chard. Through an operating agreement with Homestake Minerals, Hol-Lac gave exploration rights to Homestake.

During the fall of 1989 and up until 1991, Homestake completed line cutting, geological mapping and trenching over the felsite unit, collected additional soil samples, performed an induced polarization (IP) survey and completed 335 metres of diamond drilling in 5 drill holes. Results of the IP survey showed weak responses coinciding with soil-Au anomalies over the felsic unit. A second Au soil-IP anomaly was located east of the felsic unit. Results of the diamond drilling showed gold values in all holes drilled on the felsic unit. The most significant results included a 8 metre interval in drill hole DT-90-2 assaying 2.1 g/t and included 6.3 g/t over 2.5 metres which included a 1 metre section assaying 11.7 g/t. Homestake allowed the option to lapse in the spring of 1991.

In the fall of 1993, Chard (file: OP93-631) with the aid of a grant through the Ontario Prospectors Assistance Program, recut the grid, cleaned and sampled old pits and various mineralized zones, collected additional soil samples and relocated old drill sites.

In March of 1994, the property was optioned to 1053825 Ontario Inc. In an operating agreement with Romfield Building Corporation, 18 trenches were completed across the felsic unit over a strike length of 1300 metres. The trenching revealed 6-10 mineralized shears with related silicification and quartz-ankerite stringer systems with pyrite and arsenopyrite. Some sections of the trenches were systematically channel sampled using a diamond bladed saw. Channel samples of the shears averaged 0.5 - 74.9 g/t over widths of 0.5-5.0 metres.

Romfield completed 499 metres of diamond drilling in 7 holes during February and March of 1995. During the drill program by Romfield, diamond drill hole DT-95-12 intersected 2.68 g/t Au across 1.8 metres and a lower section of 2.42 g/t over 22.6 metres. The lower section included separate intervals assaying 7.59 g/t over 1.8 metres and 3.93 g/t across 5.6 metres. Holes DT-95-8 and DT-95-9 drilled 350 metres south returned 7.6 g/t across 2.3 metres and 6.47 g/t over 1.4

metres respectively.

In the spring of 1996, Dillman and Chard terminated the option agreement with Romfield. Currently, the property is not under any option agreement.

Elsewhere on the property, in 1994, local prospector J. Laidlaw completed magnetic and VLF surveys over part of lot 1, concession XV (currently claim number 1195172). He attributes several magnetic and VLF responses as local concentrations of iron formation.

In 1997, Chard staked additional claims surrounding the property.

In 1997, Dillman received an OPAP grant to explore the new claims and areas south of the property. This work led to several new gold discoveries in the north area of the property and south of the property boundary. A claim was staked to cover the gold discoveries south of the property. Mapping and prospecting determined the south gold occurrences are the south extension of the Main Prospect. The 'Vardy Prospect', located in the north region of the property was found in strongly sheared and carbonated mafic metavolcanic rocks and represents a second 'style' of gold mineralization on the property.

In 1998, Dillman received an OPAP grant to continue exploring the new gold discoveries. The original base line was extended to cross the entire length of the property and was used for control over surveys consisting of: geological mapping, prospecting, soil sampling and VLF geophysical mapping.

II. RESULTS OF DRILL PROGRAM

The recent diamond drill program focused on exploring two areas of the Main Prospect:

- (1.) three drill holes were drilled under surface trenches located between line 5+00 S and 7+50 S;
- (2.) three holes were drilled under mineralization located between 26+00 S and 27+50 S. The results of the program are summarized in Table 3.

The best intersection of gold mineralization occurred in DT-99-17 drilled at 5+75 S and tested the mineralization in Trench 5+75 S. The hole crossed through the entire width of the felsite unit and consecutive samples were taken. The weighted average of the samples is 0.45 g/t Au across 65.7 metres of felsite tested. The hole intersected six 'shoots' ranging between 0.8 to 11 metres wide which assay +1.0 g/t Au and six 'weaker' shoots which assay between 0.1 - 0.99 g/t Au over similar widths. The most significant mineralization in the hole occurs: (1.) along the 'footwall' of the unit which averaged 0.89 g/t Au across 11 m and contained an interval of 1.97

SUMMARY OF 1999 DIAMOND DRILL RESULTS: TUDOR PROPERTY

DIAMOND DRILL HOLE	WEIGHTED AVERAGE OF FELSITE TESTED Au grams per tonne per metre	INTERVAL metres	ASSAY RESULT Au grams per tonne per metre (wt. ave.)	INTERVALS INCLUDED Au grams per tonne per metre	REMARKS
DT-99-13	N.A.	38.4 - 40.3 m	0.24 g/t/ 1.9 m	0.33 g/t/0.3 m (38.4 - 38.7 m) 0.70 g/t/0.4 m (39.9 - 40.3 m)	-no footwall mineralization. -hole entering mineralized felsite.
DT-99-14	0.16 g/t/ 12.8 m (56.35 - 69.15 m)	21.7 -23 m 42.6 - 43.6 m 57.9 - 58.2 m 61.8 - 68.35 m	0.92 g/t/ 1.3 m 0.23 g/t/ 1.0 m 0.95 g/t/ 0.3 m 0.86 g/t/ 1.75 m	- - - 1.39 g/t/0.75 m (67.6 - 68.35 m)	-alternating bands of silicified felsite & As with non-silicified felsite.
DT-99-15	N.A.	8.6 - 10.7 m 13.5 - 15.1 m 35.9 - 38.5 m	0.75 g/t/ 2.1 m 0.27 g/t/ 1.7 m 0.38 g/t/ 2.6 m	1.10 g/t/0.8 m (9.2 - 10.7 m) - 1.99 g/t/ 0.31 m (36.35 - 36.66 m)	-lowest section corresponds to 17.9 g Au surface sample. -hole ended in felsite.
DT-99-16	0.10 g/t/ 10.45 m (26.45 -36.4 m) 0.11 g/t/ 8.5 m (40.7 - 49.2 m) 0.27 g/t/ 18.9 m (56 - 74.9 m)	26.45 - 26.9 m 30.75 - 31.55 m 43.5 - 44.8 m 68.3 - 74.9 m	0.59 g/t/ 0.45 m 0.61 g/t/ 0.8 m 0.20 g/t/ 1.3 m 0.64 g/t/ 6.6 m	- - 0.41 g/t/ 0.5 m (43.5 -44 m) 2.16 g/t/ 0.5 m (68.3 -68.8 m)	-fine visible gold at 44.76 m (0.07 g/t/0.8 m). -mineralization on footwall -numerous fault fractures.
DT-99-17	0.48 g/t/ 65.73 m (2.87 -68.6 m)	2.87 - 13.9 m 22.9 - 24.9 m 38.7 - 42 m 49 - 49.8 m 56.65 - 58.2 m 67.77 - 68.6 m	0.89 g/t/ 11.03 m 1.16 g/t/ 2.0 m 1.06 g/t/ 3.3 m 1.68 g/t/ 0.8 m 3.42 g/t/ 1.55 m 1.07 g/t/ 0.83 m	1.97 g/t/ 4.13 m (2.87 - 7.0 m) incl. 3.9 g/t/1.0 m (5 - 6 m) 4.54 g/t/ 0.4 m (24.5 - 24.9 m) - - 4.61 g/t/ 1.1 m (57.1 - 58.2 m) incl. 7.54 g/t/ 0.6 m (57.1 -57.7 m) -	-strong footwall zone similar to trench. -fine visible gold at 57.1 - 57.7 m.
DT-99-18	0.40 g/t/ 61.3 m (5.7 -67 m)	5.7 - 14.5 m 27.5 - 33.5 m 40.5 - 41.5 m 42.5 - 46 m 53.8 - 58.8 m 61.5 -67 m	0.91 g/t/ 8.8 m 0.90 g/t/ 6.0 m 0.42 g/t/ 1.0 m 0.76 g/t/ 3.5 m 0.47 g/t/ 5.8 m 0.29 g/t/ 5.5 m	2.34 g/t/ 2.8 m (6.9 -9.7 m) incl. 8.79 g/t/ 0.5 m (8.5 - 9 m) 1.19 g/t/ 3.5 m (27.5 -31 m) - - 1.06 g/t/ 1.0 m (54 - 55 m) 0.79 g/t/ 1.0 m (62.5 - 63.5)	-strong footwall zone. -widespread alternating silicified zones with As + py.

g/t across 4.1 m with 1 metre of this returning 3.9 g/t Au; (2.) 1.06 g/t Au across 3.3 metres; (3.) 3.55 g/t Au across 1.55 metres including 0.6 metres assaying 7.54 g/t Au. This section contains several specks of fine-native gold.

Similar mineralization was encountered in DT-99-18 drilled at 5+00 S. The hole tested mineralization in Trench 5 S which exposes strong footwall mineralization. The drill hole showed a total of five shoots; three shoots having weighted averages of +1.0 g/t Au over widths of 1 - 8 metres and several weaker intervals of 0.1 - 0.99 g/t. The best mineralized sections in the hole follow as: (1.) Strong footwall mineralization showing a weighted average of 0.91 g/t over 8.8 metres including 2.34 g/t Au across 2.8 metres, of which, 0.5 metres assayed 8.79 g/t; (2.) 0.9 g/t Au across 6 metres including 1.19 g/t Au over metres; (3.) 1.06 g/t Au across 1 metre. Due to the *en echelon* nature of the shearing in this area of the felsite unit, it is believed the section containing the native gold at the lower end of DT-99-17 is the same mineralization forming the footwall of the felsite in DT-99-18.

DT-99-16, collared at 7+45 S. was drilled to test mineralization in Trench 7+50 S and to establish the extent of mineralization encountered in DT-95-11 and 12. The hole tested the entire width of the felsite unit and immediately entered into a cross-cutting fault zone which may have caused some deflection of the hole towards the south. The fault was evident by the presence of numerous chloritic-gauge filled fractures occurring across the width of the felsite unit. Several narrow sections of weak gold mineralization averaging 0.23 - 0.61 g/t Au were encountered throughout the felsite. The best interval occurs along the footwall of the unit which assayed a moderate weighted average of 0.64 g/t across 6.6 metres. The section included 0.5 metres assaying 2.16 g/t Au. Although strong mineralization is exposed in Trench 7+50 S, the limit of mineralization in the footwall of the felsite unit observed in DT-99-16 is very similar to the nature of mineralization exposed in Trench 8+00 S. This trench exposes the entire width of the felsite unit and only exposes significant mineralization on the footwall of the unit. This may indicate the cross cutting faults limit the strike-lengths of some mineralized shoots. A very small grain of native gold was also observed in DT-99-16 in the central area of the felsite unit. The grain had developed in a 1 mm quartz filled vug surrounded by chloritic fault gauge material. Assay results of the section failed to show any significant gold concentrations (0.1 g/t Au).

Along the south extension of the Main Prospect, two holes were drilled in the area of 26+40 S 'fencing' the felsite unit and to explore several surface gold occurrences. The drill holes

intersected 8 narrow shoots which occur in the central area of the felsite unit. The shoots average 0.5 - 2.1 metres wide and returned between 0.2 -1.99 g/t Au. The nature of mineralization in this area of the felsite is identical to mineralization of the Main Prospect although the 'footwall zone' is not present in this area.

DT-99-13 also tested the footwall of the felsite unit at 27+05 S and did not encounter any gold mineralization until the hole penetrated the central area of the unit. The hole showed two silicified shears assaying 0.33 -0.7 g/t over narrow widths of 0.3 -0.4 metres. This hole partially tested the felsite unit and would have intersected additional shears if it were continued through the entire felsite unit. It is believed the gold bearing sections coincide with mineralization exposed in Trench 27+50S and with the first zones of mineralization seen in DT-99-14 located 60 metres north.

III. CONCLUSIONS AND RECOMMENDATIONS

The drill program has been successful and showed; (1.) continuity of numerous gold-bearing shoots within the felsite unit, some of which coincide with mineralization exposed in surface trenches and with mineralized sections in adjacent drill holes; (2.) native gold in two separate drill holes demonstrating the potential for shoots to contain significant high grade sections; (3.) footwall mineralization is present along most of the eastern margin of the main felsite unit and shifts to the central area of the felsite unit in the south extension of the Main Prospect; (4.) the frequency of gold-bearing shoots appear to increase in number, width and possibly grade as depth increases.

Weighted averages of samples collected in trenches and from diamond drill holes indicate widespread low-grade gold mineralization ranging between 0.2 -1.58 g/t Au (wt. ave.: 0.86 g/t Au) occurs across the width of the felsite unit between 1+00 S to 12+00 S. Work also indicates one or more shoots with a grade of +2.0 g/t Au are enclosed within the low-grade mineralization. At least one or more shoots 0.5 to 22 metres wide continue between 1+00 S to 20+50 S (i.e. Footwall Zone). Contact angles of the felsite unit suggests the unit has a continuous minimum depth of 300 metres indicating a possible resource estimated at 65.6 million tonnes at 0.86 g/t and within this, 3.1 million tonnes at +2.0 g/t Au.

Based on the results of the resent drill program and to aid in further development of this gold-bearing resource, additional work is warranted on the Main Prospect. Further diamond

drilling is needed to: (1.) define full strike potential of mineralization in the felsite including definition of the south extension of the Main Prospect; (2.) establish maximum depth of mineralized felsite; (3.) infill drilling close to high-grade gold intersections such as in DT-99-17.

An estimated budget for such a program is:

Diamond Drilling	1,500 metre @ \$15 per foot	\$22,500
Supervision & Core Logging		4,500
Core Splitting & Sampling		4,500
Analyses		10,000
Reports and Maps		<u>5,000</u>
		\$46,500

It is believed additional diamond drilling will significantly add grade and tonnage to the Main Prospect on the Tudor Property. Additional work on several other gold prospects on the property (i.e. Vardy Prospect) should also boost tonnages and grade thus developing the Tudor Property into a significant economic gold deposit.

Respectfully submitted,



Robert J. Dillman B.Sc

Geologist

December 7, 1999

CERTIFICATE

I, **ROBERT JAMES DILLMAN**, do hereby certify as follows:

- [1.] I am a **Mining Exploration Geologist** and that I reside and carry on business at **8901 Reily Drive**, in the town of **Mount Brydges, Ontario**.
- [2.] I am a **Graduate** of the **University of Western Ontario**, and hold a **Bachelor of Science Degree** and majored in **Geology**.
- [3.] I have been practicing my profession as a **Geologist** since **1992**.
- [4.] I am a **Licenced Prospector** in **Ontario** and have been actively engaged as a **Professional Prospector** since **1978**.
- [5.] My report, dated December 7, 1999, titled: "**REPORT ON DIAMOND DRILL PROJECT, TUDOR GOLD PROSPECT, TUDOR TOWNSHIP**" is based on information collected by myself at various dates up to the time of this report. Any other information gathered from other sources has been cited in this report.
- [6.] The information given in this report is as **accurate** as to the best of my knowledge and I have **not stated false information** for personal gain.
- [7.] I **authorize** the use of this report or any part of **only if** credit is given to the author or his sources.
- [8.] I have **50%** ownership in the Tudor Property.
- [9.] I am a **Fellow** with the **Geological Association of Canada**.

ROBERT JAMES DILLMAN, B.Sc.
GEOLOGIST



Dated at Mount Brydges, Ontario
This 7th day of December, 1999

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**DIAMOND DRILL LOG
TUDOR PROPERTY,
TUDOR TOWNSHIP, ONTARIO**

HOLE No. : DT-99-13

DIP ANGLE: 45°

DIRECTION: 285°

LENGTH: 70.7 metres

LOGGED BY: ROBERT J. DILLMAN

START: AUGUST 10, 1999

CLAIM NUMBER: 1076809

LOT: 7 CONCESSION: XII, south half

GRID COORDINATE: 27+05 S, 1+70 E

N.T.S.: 297155 m. E., 4960975 m. N.

TOPOGRAPHIC SHEET: 31 C/13 COE HILL

FINISH: AUGUST 12, 1999

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
0 - 3.1 3.1 - 9.9	Overburden Mafic metavolcanic	<p>basalt, grey, fine-grained, moderate to strong schistosity 40° to core axis (c.a.) at 5.0 m, 50° c.a. at 7.3m</p> <p>3.1-4.7 m: fine-grained, grey, moderate schistosity 48° c.a. cut by secondary shear fabric at 54° c.a. , fine wispy quartz-calcite stringers <0.3 cm wide on cleavages of schistosity and shearing, 2-5% fine, yellowish pyrite with quartz-calcite stringers. 4.5-4.7 m pebbled core.</p> <p>4.7-9.9 m: grey, moderate to strong schistosity, moderate frequency of <1.0 cm wide quartz-calcite stringers parallel schistosity, finer grained and darker close to contact, contact sharp and conformable with felsite. Contact at 56° c.a.</p>	4623	1.6	0.02
9.9 - 70.7	Felsite	<p>felsic tuff?, fined-grained quartz-plagioclase-biotite, light to dark grey, fine-grained, moderate to strong foliation formed by <1.5 cm wide quartz-rich sections</p>			

DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO

HOLE NUMBER: DT-99-13

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
		<p>mixed with <0.5 cm wide biotite-chlorite rich sections with associated silica, bio-chl frequently seen on cleavages. Section occasionally cut by fine-grained greyish quartz stringers generally <3 cm wide which parallel foliation, associated marginal silicification with traces of arsenopyrite and pyrite. Some 1cm wide rosy quartz stringers with traces of hematite. Several small sections of shearing, parallel to foliation, having associated arsenopyrite and pyrite mineralization, silicification, recrystallization and pinkish potassic alteration, aphanitic, chloritization and relic feldspar phenocrysts. Arsenopyrite occurs as small irregular masses, euhedral crystals and <1.0 cm wide stringers which parallel foliation and sometimes replace greyish quartz stringers, As stringers consist frequently of abundant finer euhedral arsenopyrite crystals. Weak, pervasive Fe-Mg carbonate alteration over most of section, some increase with quartz stringers and shearing. Foliation: 60° c.a. at 32.3 m, 62° c.a. at 50.6 m, 64° c.a. at 62.8 m, 60° c.a. at 70 m.</p> <p>38.4-38.7 m: small section of strong silicification, recrystallization and potassic alteration, <1 cm wide As stringer 70° c.a. at 38.6 m.</p> <p>38.7-39.9 m: weak silicification, increase in biotite along cleavages, trace As.</p>	<p>4618</p> <p>4619</p>	<p>0.3</p> <p>1.2</p>	<p>0.33</p> <p>0.06</p>

**DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO**

HOLE NUMBER: DT-99-13

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
70.7	felsite con't	39.9-40.3 m: moderate silicification and potassic alteration/ several <0.5 cm wide wispy quartz stringers parallel foliation, tr.-1% As over section.	4620	0.4	0.70
		47.4-47.9 m: strong silicification-potassic alteration, chl-bio on cleavages.	4621	1.4	0.03
		65.4-65.8 m: moderate silicification marginal to several greyish quartz stringers <1 cm wide parallel to foliation, trace As throughout section, <1 cm wide As stringer at 65.6 m.	4622	1.0	<0.02
		65.8-66.8 m: increasing biotite, occasional thin quartz stringer parallel foliation, trace As over section. END OF HOLE			

**DIAMOND DRILL LOG
TUDOR PROPERTY,
TUDOR TOWNSHIP, ONTARIO**

HOLE No. : DT-99-14

DIP ANGLE: 45°

DIRECTION: 285°

LENGTH: 70.7 m

LOGGED BY: ROBERT J. DILLMAN

START: AUGUST 13, 1999

CLAIM NUMBER: 1076809

LOT: 7

CONCESSION: XII, south half

GRID COORDINATE: 26+39 S, 1+42 E

N.T.S.: 297150 m. E., 4961070 m. N.

TOPOGRAPHIC SHEET: 31C/13 COE HILL

FINISH: AUGUST 17, 1999

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
0 - 3 3 - 5.1	Overburden Mafic metavolcanic	fine-grained, grey mottled with small white round plagioclase phenocrysts <0.2 cm in diameter, moderate foliation 58° c.a., some tensional gashes filled with chlorite-biotite + Fe-Mg carbonate. Darker greenish-grey above contact, contact sharp at 60° c.a. 3-3.15 m: white quartz stock and strong marginal silicification to wallrock, trace fine pyrite. 5-5.1 m: trace fine pyrite.			
5.1 - 50.3	Felsite	alternating shades of fine-grained, light to dark grey bands of quartz-feldspar rich layers <0.3 cm wide and biotite-chlorite-sericite layers <0.05 cm wide, well foliated, good core return, occasional white quartz stringer <1.0 cm wide parallel foliation, some stronger zones of greyish quartz stockwork stringer systems with marginal silicification, clots of arsenopyrite crystals associated with quartz stockwork and silicification.			

**DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO**

HOLE NUMBER: DT-99-14

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
	felsite con't	<p>Some zones of shearing with aphanitic texture, recrystallization, pinkish potassic alteration, silicification and quartz stockwork. Fe-Mg carbonate throughout section.</p> <p>5.1-6.4 m: occasional quartz stringer <1 cm wide, parallel foliation of 68° c.a.</p> <p>10.5-11.8 m: quartz stockwork and silicification, some marginal pink potassic alteration and aphanitic texture, stockwork parallel foliation of 68° c.a. White coarse plagioclase crystal in quartz.</p> <p>14.34-14.44 m: quartz vein, white crystalline quartz with pinkish-white plagioclase crystals, patchy specular hematite, vein parallel foliation at 65° c.a.</p> <p>15.6-15.72 m: quartz vein, white crystalline, coarse chlorite on margins.</p> <p>15.9-15.95 m: foliation kinked by folding.</p> <p>21.7-23 m: strong silicification, potassic alteration, recrystallization, possible brecciation with micro-thin chlorite matrix, strong foliation due to shearing 62° c.a. Trace to 2% patchy As throughout.</p> <p>27.4-29.4 m: strong foliation, occasional quartz stringer <1.0 cm with marginal silicification and trace As.</p> <p>31.75-31.9 m: same, trace As.</p> <p>35.5-35.6 m: same, trace As, foliation 70° c.a.</p> <p>40.7-41.8 m: same, strong potassic alteration, trace As.</p>	4616	1.3	0.92

DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO

HOLE NUMBER: DT-99-14

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
	felsite con't	42.6-43.6 m: quartz stockwork stringer <1.0 cm wide, 20% over section, strong marginal potassic alteration, silicification and aphanitic texture. Trace As. 43.6-46.5 m: occasional quartz stringer, strong decrease in alteration. No As. 47-49.5 m: increasing mafic mineral content: chlorite-biotite, sericite, strong foliation 66° c.a.	4617	1.0	0.23
50.3 - 50.85	Gabbro dyke	50.2-50.3 m: dark grey, aphanitic silicified margin, no foliation, trace As + py. Dark greyish-green, marginally fine-grained coarser-grained core, black hornblende mottled with relic pink plagioclase phenocrysts altering to calcite and Fe carbonate, chloritized cleavages, weak foliation 47° c.a., upper contact sharp at 68° c.a., lower contact sharp at 51° c.a. cuts felsite foliation at 50° c.a., trace pyrite through dyke, strong silicification in wallrock marginal to dyke.	4601	0.8	<0.02
50.85 - 70.7	Felsite	Similar to section above, alternation light and dark grey fine-grained felsite, moderate foliation, Sections of quartz stockwork stringer system, shearing and associated potassic alteration recrystallization and aphanitic texture. Foliation: 60° c.a. at 53.6m. 50.85-51 m: strong silicification and traces of pyrite marginal to dyke. 54.35-54.7 m: quartz stockwork, strong silicification, sericite, quartz stringers mostly parallel foliation at 50°	4602	0.35	0.02

**DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO**

HOLE NUMBER: DT-99-14

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
	felsite con't	c.a., some cross at 10° c.a. No As.			
		56.35-56.8 m: well foliated with occasional <1 cm quartz stringer parallel foliation. Trace As.	4603	0.45	0.06
		56.8-57.2 m: same, trace As, foliation 55° c.a.	4604	0.4	0.12
		57.2-57.6 m: same, trace -1% patchy As, increase in quartz stringers and silicification.	4605	0.4	0.26
		57.6-57.9 m: decreasing silicification, patchy As and several As stringers <0.5 cm wide which parallel foliation at 60° c.a.. Stringers contain euhedral crystals of As. 2-5% As over section.	4606	0.3	<0.02
		57.9-58.2 m: stronger silicification, patchy euhedral crystals of As, 1-5%.	4607	0.3	0.95
		58.2-59.7 m: well foliated 56° c.a., little to no alteration.			
		59.7-60 m: increasing silicification, brecciated with micro-thin chlorite-biotite matrix, trace As in wallrock, trace micro-fine yellowish anhedral pyrite in matrix.	4608	0.3	0.07
		60-60.6 m: strong silicification, strong foliation 52° c.a., chl-bio-ser and patchy As crystals on cleavage surfaces, trace -1% As.	4609	0.6	0.03
		60.6-61.1 m: decreasing alteration, occasional white quartz stringer <2.0 cm parallel to weaker foliation. Trace As in quartz.	4610	0.5	0.03
		61.1-61.8 m: strong foliation with biotite-sericite on cleavages, trace As.	4611	0.7	<0.02

**DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO**

HOLE NUMBER: DT-99-14

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
70.7	felsite con't	61.8-62.2 m: strong silicification + occasional white quartz stringer <1 cm wide parallel foliation, some good patches of As, some in euhedral crystals on cleavages and margins of quartz stringers. 3-10% As.	4612	0.4	0.82
		62.2-62.8 m: strong foliation 56° c.a., decrease in alteration, biotite-sericite on cleavage plains.	4613	0.6	0.22
		62.8-67.6 m: moderate foliation, little to no alteration.			
		67.6-68.35 m: abundant white quartz stockwork, stringers <2.0 cm wide generally parallel foliation of 55° c.a., good patches of As, some as stringers of euhedral crystals replacing quartz. 5-20% As.	4614	0.75	1.39
		68.35-69.15 m: strong foliation 48° c.a., occasional white quartz stringer <1.0 cm wide parallel foliation, trace As. END OF HOLE	4615	0.8	0.07

**DIAMOND DRILL LOG
TUDOR PROPERTY,
TUDOR TOWNSHIP, ONTARIO**

HOLE No. : DT-99-15

DIP ANGLE: 45°

DIRECTION: 270°

LENGTH: 65.5 metres

LOGGED BY: ROBERT J. DILLMAN

START: AUGUST 17, 1999

CLAIM NUMBER: 1076809

LOT: 7

CONCESSION: XII south half

GRID COORDINATE: 26+37 S, 1+01 E

N.T.S.: 297080 m. E, 4961070 m. N

TOPOGRAPHIC SHEET: 31 C/13 COE HILL

FINISH: AUGUST 19, 1999

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
0 - 0.5 0.5 - 8.1	Overburden Felsite	fine to medium fine-grained, alternating light to dark grey quartz-feldspar rich layers and biotite-chlorite-sericite rich cleavages forming moderate to strong foliation. Some parallel quartz stringers and lens <1.0 cm wide elongated parallel to foliation. Foliation: 28° c.a. at 1 m, 42° c.a. at 4 m, 75° c.a. at 7.5 m. 1.2-2.2 m: medium-grained quartz-biotite rich section with occasional As stringer <0.5 cm wide parallel foliation, several thin pyrite stringers at 1.5 m, Tr-3% As + py. 7.5-8.0 m: strong foliation, fine-grained. 8.8-8.1 m: strong silicification, aphanitic texture, trace py at contact.	4624	1.0	0.07
8.1 - 8.6	Gabbro	medium-grained, 65% white to light brown albitized anhedral feldspar with 35% dark brown biotite flakes			

DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO

HOLE NUMBER: DT-99-15

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
8.6 - 25.0	Gabbro con't	<1.5 cm in length, biotite randomly orientated, weak foliation at 52° c.a., upper contact unconformable cuts felsite foliation at 57° c.a., lower contact core broken, sharp at 60° c.a., several randomly orientated quartz-carbonate stringers <0.5 cm wide with trace of pyrite.			
	Felsite	same as above section, occasional section with varying frequency of white quartz stringers <1.5 cm wide, sections with stringers have varying degrees of silicification, albitization, potassic alteration and sericite. Traces of arsenopyrite associated with stringers and alteration. Foliation: 40° c.a. at 9 m, 70° c.a. at 13 m, 65° c.a. at 59 m, 55° c.a. at 65 m.			
		8.6-9.2 m: brecciated section against dyke, thin chlorite matrix supporting weakly altered angular felsite clastes. Red hematite stain with chlorite, trace As.	4625	0.6	0.27
		9.2-10 m: strong silicification and sericite alteration, whitish-grey quartz stringer <2.0 cm parallels foliation 65° c.a. at 9.3 m, 'soft' contacts due to marginal silicification, several smaller stringers cross foliation, good patches of As across section, some euhedral crystals and intermingled fine pyrite, 1-15% As, Tr.-5% py.	4626	0.8	1.10
10-10.7 m: same, 1-10% As, Tr.-1% py, decreasing silicification and no As after 10.7 m. 10.7-13.5 m: moderate foliation, increase in biotite rich layers.	4627	0.7	0.76		

DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO

HOLE NUMBER: DT-99-15

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
25 - 25.4	felsite con't	13.5-14.4 m: increase in fine quartz stringers with traces of As and silicification on margins, tr.-1% As.	4628	0.9	0.38
	Gabbro	14.4-15.1 m: decrease in quartz stringers, several small aphanitic sections of strong silicification + potassic alteration +Mg-Fe carbonate and traces of As. 15.1-25 m: massive, moderate foliation, occasional white quartz lens and stringer. Marginally fine-grained, medium grained core, light greenish-grey mottled with white feldspar, moderate foliation with biotite-chlorite on cleavages, some Fe carbonate alteration and carbonate around feldspar phenocrysts. Upper contact broken, sharp at 60° c.a., lower contact sharp at 52° c.a. Quartz-calcite vein <2 cm at lower contact.	4629	0.7	0.12
25.4 - 65.5	Felsite	same as upper section, sections of massive , moderately foliated felsite with local sections of shearing and quartz stringer stockwork with associated alteration. 25.6-27.1 m: small local sections with quartz stringers <0.5 cm wide parallel to foliation and strong silicification with crystals of As marginal to the stringers at 25.7-25.8 m. Trace As over section. 35.9-36.35 m: several 10 cm wide strong silicified aphanitic sections with crystals of As. Trace -3% As. 36.35-36.66 m: strong silicification, potassic alteration,	4630	0.5	<0.02
			4631	0.45	0.12
			4632	0.31	1.99

**DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO**

HOLE NUMBER: DT-99-15

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
	felsite con't	<p>aphanitic, no foliation, good patches of As throughout 5-15%, some crystals.</p> <p>36.66-37.4 m: weaker alteration increase in foliation 55° c.a., trace fine As.</p> <p>37.4-38 m: same, trace As.</p> <p>38-38.5 m: moderate silicification and potassic alteration, aphanitic, 1-5% As, some fine crystals.</p> <p>38.5-45.8 m: massive, moderate foliation, no significant alteration, occasional white quartz lens or stringer.</p> <p>45.8-46.1 m: strong silicification and sericite alteration, no As, 2 cm pink feldspar crystal with quartz at 45.8 m at 40° c.a. crossing foliation of 50° c.a.. Traces of fine specular hematite over section.</p> <p>46.8-50.2 m: fine-grained, well-foliated biotite 'rich' section, foliation: 64° c.a. at 49 m.</p> <p>50.3-51.3 m: strong increase in silicification-sericite-potassic alteration, several white quartz <3.0 cm wide with 'soft' contacts, stringers contact clots of chlorite-biotite.</p> <p>53.56-54 m: several <0.1 cm wide pyrite + chalcopyrite stringers parallel foliation 45° c.a., trace over section.</p> <p>64.6-65.2 m: moderate silicification with clots of chlorite marginal to several <1.5 cm wide white quartz stringers parallel to foliation 48° c.a., trace pyrite.</p> <p>END OF HOLE.</p>	<p>4633</p> <p>4634</p> <p>4635</p>	<p>0.74</p> <p>0.6</p> <p>0.5</p>	<p>0.06</p> <p>0.02</p> <p>0.50</p>
65.5					

**DIAMOND DRILL LOG
TUDOR PROPERTY,
TUDOR TOWNSHIP, ONTARIO**

HOLE No. : DT-99-16

DIP ANGLE: 45°

DIRECTION: 95°

LENGTH: 83.5 metres

LOGGED BY: ROBERT J. DILLMAN

START: AUGUST 19, 1999

CLAIM NUMBER: 820720

LOT: 6

CONCESSION: XIII, north half

GRID COORDINATE: 7+45 S, 1+00 W

N.T.S.: 297245 m. E., 4962900 m. N.

TOPOGRAPHIC SHEET: 31 C/13 COE HILL

FINISH: AUGUST 23, 1999

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
0 - 3 3 - 7.15	Overburden Mafic metavolcanic	fine-grained, green, moderate foliation 47° c.a., chlorite slickened cleavages, thin calcite stringers <0.5 cm parallel foliation.			
7.15 -14	Felsite	Light reddish brown to shiny white down section, moderate foliation 50° c.a., moderate hematization, occasional magnetite and specular hematite crystals <0.4 cm surrounded by hematite stain, increase in sericite down section, upper contact sharp, conformable 40° c.a. 11-13 m: lost core, possible depression in outcrop. 13.5-14 m: brecciated felsite with chloritized fragments and chlorite slickened matrix and cleavages.			
14 - 20.8	Gabbro	14 m: lower contact sharp at 40° c.a. Fine-grained marginally, medium-grained core, well foliated; 50° c.a. at 15 m, 40° c.a. at 18 m, strong			

DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO

HOLE NUMBER: DT-99-16

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
20.8 - 40	gabbro con't	chlorite-ankerite alteration throughout, numerous quartz-ankerite stringers <0.5 cm parallel to foliation and crossing, some stringers are folded.			
	Felsite	16.1-18.3 m: moderate fracturing and brecciation disrupting foliation, fractures randomly orientated, most 42° c.a. which cut foliation of 20° c.a., some filled with carbonate.			
		19.65-19.95 m: felsite xenolith.			
		20.8 m: contact sharp 52° c.a., increase in biotite-chlorite towards contact, trace fuchsite on cleavages at contact. Fine-grained, white to grey, well foliated with chlorite-biotite slickened cleavages, sections of brecciation, recrystallization, silicification, hematization and sericitization, occasional crosscutting with brecciation, upper contact sharp, conformable 45° c.a.			
		26.45-26.9 m: strong silicification & recrystallization, disrupted and broken schistosity, chlorite-biotite slickened cleavages, 2-5% arsenopyrite throughout, several quartz-carbonated stringers <2.0 cm 90° c.a. with 3% fine pyrite.	4636	0.45	0.59
	26.9-27.5 m: decreasing silicification, trace As + py.	4637	0.6	0.06	
	27.5-28.1 m: no alteration, trace As + py.	4638	0.6	0.02	
	28.1-29.3 m: weak foliation 41° c.a., 11-12 quartz-carbonate stringers <3.0 cm through 28.6-29 m, greenish	4639	1.2	<0.02	

**DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO**

HOLE NUMBER: DT-99-16

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
	felsite con't	stain at 29-29.1 m, pervasive fine hematite through section, 1 cm calcite-specular hematite vein at 40° c.a. cutting foliation.			
		29.3-30.3 m: increasing silicification, weak and disrupted foliation, brecciated, pervasive fine hematite through section 2-3%, greenish tinge on cleavages possibly due to chloritic gauge from faulting and alteration, trace py + As.	4640	1.0	<0.02
		30.3-30.75 m: alternating fault related chloritic gauge material and preserved fragment of felsite, moderate hematization, ocher stained sections, trace py.	4641	0.45	0.02
		30.75-31.55 m: fault, brecciated section with patchy chlorite clots with traces of hematite and pyrite, fine chlorite matrix, occasional quartz-carbonate stringer <2.0 cm 90° c.a., weak foliation 52° c.a., crumbled chloritic gauge material at 30.75-30.8 m, wallrock strongly silicified and recrystallized at 30.8-31.8 m, trace magnetite at 31.3 m.	4642	0.8	0.61
		31.55-32.5 m: weak foliation 45° c.a., good silicification, biotite-chlorite slickened cleavages, trace fine As + py, no hematization after 31.55 m, transition marked by 1.5 cm wide quartz-carbonate stringer 90° c.a.	4643	0.95	0.12
		32.5-33.5 m: same, trace py, rare As.	4644	1.0	0.02
		33.5-34.5 m: same.	4645	1.0	0.05
		34.5-35.5 m: same.	4646	1.0	<0.02

**DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO**

HOLE NUMBER: DT-99-16

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
40 -40.7	felsite con't	35.5-36.4 m: same, trace py, rare As.	4647	0.9	0.03
		36.4-37.4 m: very fine-grained, moderate foliation 49° c.a., biotite-chlorite-sericite on cleavages, 1-3% fine pyrite, trace As.	4648	1.0	<0.02
		37.4-38.1 m: very fine-grained, moderate foliation 48° c.a., bio-chl-ser on cleavages, no silicification. Sharp conformable contact 45° c.a. at 38.1 m between very fine-grained and moderately coarse-grained felsite.	no sample		
		38.1-39 m: weakly silicified moderately foliated, trace As.	4649	0.7	0.04
		39-39.6 m: same, increasing silicification, trace As + py.	4650	0.9	<0.02
		39.6-40 m: strong silicification, recrystallization, pinkish potassic alteration, weak foliation 53° c.a., chlorite-sericite-biotite of cleavages, 1% fine disseminated As.	6151	0.4	<0.02
40.7 - 59.1	Gabbro	Green and white, fine-grained, moderate foliation 52° c.a., strongly chloritic, chlorite slickened cleavages, calcite rich layers and pervasive Fe carbonate alteration through section, upper contact sharp, nonconforming 51° c.a., lower contact similar 79° c.a., trace chalcopyrite in gabbro at lower contact.			
	Felsite	same as upper section. 40.7-41.1 m: strong silicification and recrystallization, increasing chlorite down section, 41-41.1 m: fault, brecciated, hematized and fine specular hematite with fine chlorite matrix, two 1.0 cm chlorite fault gauge seams 70° c.a. and 52° c.a.	6152	0.4	0.16

DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO

HOLE NUMBER: DT-99-16

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
	felsite con't	41.1-41.95 m: fine-grained felsite, moderate foliation 55° c.a., weak hematization, trace magnetite.	6153	0.85	0.17
		41.95-42.7 m: fault, weakly brecciated felsite with thin chlorite gauge matrix, moderate hematization, felsite weakly foliated 55° c.a. cut by <1.0 cm wide chlorite gauge filled fractures at 38° c.a. and 18° c.a., trace fine pyrite in fracture, 1-3% disseminated magnetite crystals <0.2 cm in size throughout.	6154	0.75	0.03
		42.7-43.5 m: weak foliation 41° c.a., chlorite-sericite on cleavage, 1-3% disseminated magnetite, trace py, occasional quartz-ankerite stringer <1.0 cm with marginal chlorite at 90° c.a.	6155	0.8	0.06
		43.5-44 m: strong silicification, 8 cm quartz-ankerite vein 85-90° c.a. with marginal chlorite, 2-3% py, trace As.	6156	0.5	0.41
		44-44.8 m: strong planar schistosity 50° c.a., felsite silicified with sericite-chlorite on cleavages, 2-5% disseminated magnetite, trace py, increasing hematization down section, 44.7-44.8 m: fault, chlorite gauge with traces of fine specular hematite in seams 40° c.a., trace As + py + magnetite, 0.1 cm wide calcite-hematite filled vug at 44.76 m with trace visible gold.	6157	0.8	0.07
		44.8-45.3 m: strong silicification and recrystallization, brecciated with fine chlorite-sericite around fragments, 1-5% py, trace-3% As, trace-1% mag.	6158	0.5	0.06

**DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO**

HOLE NUMBER: DT-99-16

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
	felsite con't	45.3-45.8 m: same, trace -3% py, trace As, 2-3% mag.	6159	0.5	0.27
		45.8-46.3 m: same, 1-3% py, trace As, 2-3% mag.	6160	0.5	0.29
		46.3-46.9 m: same, increasing hematization down section, trace As, py and mag.	6161	0.6	0.02
		46.9-47.2 m: fault brecciated, chloritic felsite, well fractured at various core angles, fractures filled with chlorite and 5% hematite.	6162	0.3	<0.02
		47.2-48.2 m: strong silicification and recrystallization, weak foliation 62° c.a., sericitized cleavages, trace As + py, 1-3% magnetite, occasional <0.5 cm wide quartz-carbonate stringer with marginal chlorite at 82° c.a., traces of fine py with stringers.	6163	1.0	0.02
		48.2-49.2 m: increasing foliation 60° c.a., sericite-chlorite cleavages, trace py, 1-3% disseminated magnetite.	6164	1.0	0.02
		49.2-56 m: moderate foliation, no significant alteration, sericite-chlorite cleavages, trace disseminated magnetite and pyrite. Two parallel 1 cm wide chlorite-calcite-hematite seams 25° c.a. at 55 m.	no samples		
		56-57.4 m: strong foliation 51° c.a., moderate hematization, chlorite-sericite slickened cleavages. Occasional quartz-calcite stringer <0.3 cm wide 80° c.a.	6165	1.4	0.05
		57.4-58.3 m: some local brecciation with chlorite-hematite gauge, trace As, increasing chlorite down section decreasing hematization.	6166	0.9	0.04
		58.3-59.1 m: fine grained, silicified-chlorite-sericite felsite,	6167	0.8	0.11

DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO

HOLE NUMBER: DT-99-16

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
59.1 - 59.54	Gabbro	trace As + py, chlorite fault gauge marginal to <1.0 cm quartz stringer 90° c.a. at 58.39 m. strong foliation 58° c.a., similar to 40-4.7 section, strong alteration to biotite-chlorite-calcite, upper contact sharp nonconforming at 62° c.a., brecciated, lower contact sharp, conformable, 52° c.a.			
59.54 - 74.9	Felsite	Similar to upper sections. 59.54-60 m: strong planar foliation 56° c.a., chlorite-biotite slickened cleavages, trace -1% py, trace As. 60-61.2, same, several <0.8 cm fine-grained quartz stringers 85-90° c.a., trace py. 61.2-62.2 m: same, increasing frequency of fine-grained quartz stringers <2.0 cm wide with traces of py, increasing sericitization, moderate foliation 60° c.a. 62.2-62.7 m: same, trace pyrite. 62.7-63.6 m: increasing silicification and sericite, decreasing foliation, patchy chlorite with silicification, trace-2% clotty As, some crystals, trace py. 63.6-65 m: moderately strong foliation 55° c.a., trace py+As 65-66.4 m: same, foliation 50° c.a., 66.3-66.4 m: gabbro dyke, strong chlorite-biotite-Fe carbonate alteration, strong foliation 50° c.a. 66.4-67 m: strong foliation 44° c.a., chlorite-biotite cleavages, trace py +As.	6168 6169 6170 6171 6172 6173 6174 6175	0.46 1.2 1.0 0.5 0.9 1.4 1.4 0.6	<0.02 0.06 <0.02 <0.02 0.31 <0.02 0.02 0.08

DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO

HOLE NUMBER: DT-99-16

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
	felsite con't	67-67.75 m: same, trace -2% As + py.	6176	0.75	0.14
		67.75-68.3 m: slight increase in silicification and Fe-Mg carbonate alteration, trace -2% As, trace -3% py.	6177	0.55	0.14
		68.3-68.8 m: aphanitic texture, strong silicification, potassic alteration, Fe-Mg carbonate, patchy chlorite, occasional white quartz stringer < 1.0 cm, good As over section 2-5%, several fine pyrite stringers <0.3 cm wide.	6178	0.5	2.16
		68.8-69.2 m: same.	6179	0.4	0.37
		69.2-69.7 m: same, weak foliation 58° c.a., several quartz-chlorite-carbonate stringers <1.5 cm wide 85 -90° c.a., some with good As + py, trace -3% As + py.	6180	0.5	0.51
		69.7-70.2 m: increasing silicification + Fe carbonate + chlorite, 1-5% As, 2-5% py.	6181	0.5	0.77
		70.2-70.7 m: strong silicification, aphanitic texture, 3-10% As, 2% py.	6182	0.5	0.63
		70.7-71.6 m: moderate foliation weaker silicification, altered gabbro from 70.7-70.8 m 56° c.a., trace As + py.	6183	0.9	0.34
		71.6-72.65 m: strong silicification, aphanitic, trace -10% As, trace py.	6184	1.05	0.61
		72.65-73.2 m: moderate foliation 48° c.a., increasing sericite above contact, trace-2% As, 73.1-73.2 m: altered gabbro, brecciated, contorted foliation.	6185	0.55	0.10
		73.2-73.9 m: aphanitic, strong silicification + potassic/Fe carbonate alteration.	6186	0.7	0.54

DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO

HOLE NUMBER: DT-99-16

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
	felsite con't	73.9-74.4 m: aphanitic, strong silicification and potassic alteration, good As , some crystals and stringers containing euhedral crystals. 3-10% As, trace -3% py.	6187	0.5	0.60
74.9 - 77.7	Meta-sedimentary schist	74.4-74.9 m: same, stringers of As 54° c.a. parallel foliation, 5-20% As. Greywacke, white to light grey alternating silica rich layer with fine-grained greywacke layers, upper contact sharp at 54° c.a., strong planar schistosity at contact 54° c.a., increasing contorted schistosity down section, 1-3% disseminated magnetite. Lower contact silicified with decreasing schistosity.	6188	0.5	0.66
77.7 - 81.8	Gabbro	Fine-grained, massive, dark grey mottled with white, occasional quartz-carbonate stringer <1.0 cm at random core angles.			
81.8 - 82.7	Meta-sedimentary schist	Greywacke, white to light grey, similar to section above, upper contact sharp, conformable 56° c.a., minor silicification at contact.			
82.7 - 83.3	Quartz vein	White crystalline quartz, cuts schistosity, upper contact 35° c.a., lower contact 20° c.a.			
83.3 - 83.5	Meta-sedimentary schist	Greywacke, similar to upper sections.			
83.5		END OF HOLE.			

**DIAMOND DRILL LOG
TUDOR PROPERTY,
TUDOR TOWNSHIP, ONTARIO**

HOLE No. : DT-99-17

DIP ANGLE: 50°

DIRECTION: 300°

LENGTH: 79.9 metres

LOGGED BY: Robert J Dillman

START: AUGUST 23,1999

CLAIM NUMBER: 820719

LOT: 5

CONCESSION: XIII north half

GRID COORDINATE: 5+88 S, 0+05 W

N.T.S.: 297280 m. E., 4963040 m. N.

TOPOGRAPHIC SHEET: 31 C/13 COE HILL

FINISH: AUGUST 24, 1999

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
0 - 2.87	Meta-sedimentary schist	Greywacke, grey, fine-grained, fine granular silica 'rich' layers alternating with biotite-silica layers. Strong foliation/ schistosity 30° c.a., 2-5% fine disseminated magnetite throughout.			
2.87 - 30.4	Felsite	Alternating shades of fine-grained, light to dark grey bands of quartz-feldspar rich layers <0.5 cm wide and biotite-chlorite-sericite rich layers <0.3 cm wide, well-foliated, several sections of fine-grained/aphanitic felsite possible due to shearing and mylonitization, frequent sections containing quartz stringer stockwork with most stringers <1.0 cm trending parallel foliation, marginal silicification, potassic alteration, aphanitic texture associated with shearing and stockwork. Pervasive weak Fe-Mg carbonate alteration throughout. Good core return. Upper contact sharp, conformable at 40° c.a.			

DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO

HOLE NUMBER: DT-99-17

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
	felsite con't	2.87-3.7 m: strong silicification, no foliation, clots of chlorite-biotite-sericite <0.3 cm wide, 2-5% arsenopyrite as small disseminated masses, some euhedral crystals, trace pyrite.	6189	0.83	1.91
		3.7-4.6 m: same, 2-5% As, trace py.	6190	0.9	0.93
		4.6-5 m: same, seven As + lesser py stringers <1.2 cm at 40° c.a.	6191	0.4	1.21
		5-5.5 m: same, good mineralization, 5-15% As + fine py.	6192	0.5	4.69
		5.5-6 m: same, several small fractures <0.3 cm 50° c.a., no foliation.	6193	0.5	3.12
		6-6.5 m: several wispy fine py stringers <0.2 cm wide 39° c.a., 1-5% As, 1-3% py.	6194	0.5	1.79
		6.5-7 m: same, 1-5% As, 1-3% py.	6195	0.5	0.86
		7-7.5 m: same, decreasing silicification down section, increasing foliation 32° c.a., trace -3% As, 1-3% py.	6196	0.5	0.25
		7.5-8.5 m: increasing foliation, several some sections of silicification and occasional As stringer parallel foliation, biotite-chlorite on cleavages.	6197	1.0	0.42
		8.5-10 m: same, trace-3% As, trace py, trace magnetite.	6198	1.5	0.18
		10-11.5 m: same, increasing silicification, trace py & As.	6199	1.5	0.14
		11.5-12.1 m: strong silicification, aphanitic texture, several As-py stringers <1.0 cm 28° c.a., 5-15% As + py.	6200	0.6	0.80
		12.1-12.9 m: increasing foliation 36° c.a., chlorite-biotite slickened cleavages, trace -3% As + py.	7951	0.8	0.38

DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO

HOLE NUMBER: DT-99-17

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne	
	felsite con't	12.9-13.9 m: alternating silicified and foliated sections, silicified sections have good As & py. Trace -10% As + py.	7952	1.0	0.69	
		13.9-14.6 m: same, good silicification with As between	7953	0.7	0.39	
		14.3-14.6 m, includes 0.5 cm wide As stringer 22° c.a.				
		14.6-15.2 m: increasing foliation with chl-bio-ser slickened cleavages, several 5 cm wide silicified sections with good As & py, trace -5% As + py.	7954	0.6	0.19	
		15.2-16.75 m: moderate foliation 40° c.a., trace As + py.	7955	1.05	0.02	
		16.75-17.9 m: same, trace As + py.	7956	1.15	0.13	
		17.9-18.6 m: alternating silicified and foliated sections 38° c.a., silicified sections have good As + py, some stringers	7957	0.7	0.8	
		parallel foliation, 1-10% As + py.				
		18.6-19.6, same, increased silicification, 2-15% As + py.	7958	1.0	0.04	
		19.6-20.5, increasing foliation with several silicified	7959	0.9	0.25	
		section, 1-10% As + py.				
		20.5-21.4 m: strong silicification, aphanitic texture, 5-20% fine disseminated As + py, some euhedral crystals and stringers <1.0 cm wide 30° c.a.	7960	0.9	0.53	
		21.4-22.9 m: increasing foliation with chl-bio on cleavages, some silicified intervals, 1-5% As + py.	7961	0.5	0.08	
		22.9-24.5 m: increasing silicification down section, As stringers <0.5 with silicified zones, trace -5% As + py.	7962	0.6	0.32	
	24.5-24.9 m: alternating silicified and foliated sections, trace As + py.	7963	0.4	4.54		

DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO

HOLE NUMBER: DT-99-17

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
30.4 - 31.2	felsite con't	24.9-25.9 m: increasing foliation 40° c.a., trace As + py.	7964	1.0	0.02
		25.9-27 m: alternating silicified and foliated sections, trace As + py.	7965	1.1	<0.02
		27-29 m: moderate foliation 42° c.a., trace As + py.	7966	2.0	0.36
		29-30.4 m: alternating silicification and foliated section, silicification increasing down section, trace -1% As + py.	7967	1.4	0.51
	Gabbro	Green mottled with white feldspar and calcite, fine-grained, well-foliated 70° c.a. numerous fine calcite stringers <0.1 cm wide parallel foliation, chlorite-biotite slickened cleavages, upper contact sharp 40° c.a. cuts 55° c.a. foliation of felsite, lower contact irregular, some brecciation to gabbro with white quartz matrix.	7968	0.8	<0.02
31.2 - 31.8	Felsite	Same as above section, weak foliation 50° c.a., upper contact silicified, lower contact sharp 50° c.a.	7969	0.6	0.15
31.8 - 32.25	Gabbro	Strong alteration to chlorite, strong planar foliation/schistosity 55° c.a., lower contact brecciated with 1.2 cm quartz stringer 55° c.a.	7970	0.45	0.04
32.25 - 42	Felsite	Similar to upper sections.			
		32.25-32.8 m: strong silicification with clots <1.0 cm wide of chlorite-biotite, white crystalline quartz vein 55° c.a. at 32.65-32.8 m, several pyrite clots with calcite and chlorite at 32.75 m.	7971	0.55	<0.02
		32.8-34 m: strong silicification, patchy biotite, trace -3% As, trace -5% py.	7972	1.2	0.05

DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO

HOLE NUMBER: DT-99-17

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne	
	felsite con't	34-34.95 m: same 2-5% As, 2-5% py.	7973	0.95	0.37	
		34.95-36.97 m: alternating altered gabbro and felsite sections, felsite strongly silicified with patchy chl & As + py, gabbro contacts sharp at 85° c.a., gabbro at 34.95-35.15 m, 36.1-36.67 m, strong chlorite-carbonate alteration to gabbro and foliation 85° c.a.	7974	2.02	0.10	
		36.97-38 m: weakly foliated felsite 45° c.a., good silicification, trace -5% As + py.	7975	1.03	0.08	
		38-38.7 m: strong foliation, trace As + py.	7976	0.7	0.22	
		38.7-39.7 m: increasing silicification, good As + py as disseminated crystals and stringers <1.0 cm 52° c.a.	7977	1.0	1.25	
		39.7-40.8 m: increasing foliation, chl-bit slickened cleavages, some good clots of As + py, trace -10%.	7978	1.1	0.99	
		40.8-42 m: increasing silicification down section, trace -10% As + py, some <1.0 cm wide stringers 34° c.a.	7979	1.2	0.96	
42 -42.15		Gabbro	Greenish-grey, strong foliation 40° c.a. , altered to chlorite-biotite schist, strong Fe-Mg carbonate alteration, upper and lower contacts sharp at 40° c.a.	7980	1.5	0.07
42.15 - 74.09		Felsite	Similar to upper sections.			
			42.15-43.5 m: moderate foliation 40° c.a., strong silicification with chlorite-biotite slickened cleavages, trace As + py.			
		43.5-44.5, same, gabbro at 44.2-44.3 m 46° c.a., trace As.	7981	1.0	0.42	
		44.5-46 m: moderate foliation 44° c.a., trace As + py.	7982	1.5	0.31	

DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO

HOLE NUMBER: DT-99-17

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
	felsite con't	46-47.5 m: same, trace As + py.	7983	1.5	0.05
		47.5-49 m: same trace As + py, occasional stringer <0.5 cm wide 48° c.a.	7984	1.5	0.13
		49-49.8 m: strong silicification with good As + py, 1-5%, several chlorite stringers <0.5 cm wide at 52° c.a.	7985	0.8	1.68
		49.8-50.3 m: increase in foliation, bio-chl. cleavages, trace As.	7986	0.5	0.22
		50.3-51.8 m: same, foliation 36° c.a., trace As.	7987	1.5	0.02
		51.8-53.3 m: same, trace As.	7988	1.5	0.24
		53.3-54.85 m: same, trace As.	7989	1.55	0.13
		54.85-56.65 m: same, increasing silicification down section, trace As.	7990	1.8	<0.02
		56.65-57.1 m: strong silicification, aphanitic, 5-20% As + py as disseminated crystals and <0.3 cm wide stringers 35° c.a. with chlorite.	7991	0.45	0.53
		57.1-57.7 m: strong silicification, aphanitic texture, 10-20% As + py, 3 specks of visible gold <0.2 mm in diameter.	7992	0.6	7.54
		57.7-58.2 m: increasing foliation 48° c.a., weak to no silicification, trace As.	7993	0.5	1.09
		58.2-59.7 m: same, trace As.	7994	1.4	0.05
		59.7-60.8 m: same, trace -1% As + py.	7995	1.1	0.10
		60.8-61.5 m: moderate foliation 50° c.a., chlorite-biotite slickened cleavages, trace -1% As + py.	7996	0.7	0.02

**DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO**

HOLE NUMBER: DT-99-17

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
	felsite con't	61.5-63 m: same, increasing silicification down section, trace -1% As + py.	7997	1.5	<0.02
		63-64 m: good silicification, weak foliation 42° c.a., occasional As-py stringer <0.5 cm wide parallel to foliation, trace-5% As + py.	7998	1.0	0.04
		64-64.73 m: same, good As-py, 5-10%.	7999	0.73	0.23
		64.73-66.25 m: increasing foliation, weaker silicification, occasional As-py stringer, trace -3% As + py.	8000	0.52	0.06
		66.25-67.77 m: same, trace -1% As + py.	7860	1.52	0.53
		67.77-68.6 m: same, strong foliation 60° c.a., trace As + py.	7861	0.83	1.07
74.09 - 74.4	Gabbro	68.6-74.09 m: same, strong chlorite-biotite slickened cleavages, little to no silicification, contact at 74.09 m is sharp, conformable, 48° c.a.			
74.4 - 78.2	Meta-sedimentary schist	Greyish-green, altered to biotite-chlorite-calcite, strong foliation/schistosity 48° c.a.			
78.2 - 79.9	Felsite tuff	Greywacke, light and dark grey, fine-grained granular quartz rich layers alternating with biotite-silica rich layers, schistose/foliated 42° c.a., upper contact sharp, trace magnetite.			
79.9		Light grey, fine-grained, similar to upper sections, moderate foliation 42° c.a., chlorite-pyrite slickened cleavages, interbed. END OF HOLE.			

**DIAMOND DRILL LOG
TUDOR PROPERTY,
TUDOR TOWNSHIP, ONTARIO**

HOLE No. : DT-99-18

DIP ANGLE: 50°

DIRECTION: 300°

LENGTH: 68.6 metres

LOGGED BY: Robert J. Dillman

START: AUGUST 24, 1999

CLAIM NUMBER: 820718

LOT: 5

CONCESSION: XIV south half

GRID COORDINATE: 5+03 S, 0+47 E.

N.T.S.: 297305 m. E., 4963210 m. N.

TOPOGRAPHIC SHEET: 31 C/13 COE HILL

FINISH: AUGUST 25, 1999

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
0 - 3	Meta- sedimentary schist	Greywacke, strongly Fe carbonated grey fine-grained granular schistose rock, some biotite rich layers foliated 60°c.a.			
3 - 4.5	Felsite	Light to dark grey, fine-grained, moderately foliated with chlorite-biotite slickened cleavages and pervasive Fe-Mg carbonate alteration some silicification. Upper contact sharp and conformable at 60°c.a. 3-4.5 m: strong silicification with chlorite-biotite on cleavage plains 60°c.a., 3-10% clotty arsenopyrite <1.5 cm wide, some as euhedral crystals.	7862	1.5	0.49
4.5 - 5.7	Meta- sedimentary schist	Greywacke, fine-grained, grey, weak foliation/schistosity 45°c.a., upper contact unconformable, broken, lower contact sharp 48°c.a.	7863	1.2	<0.02
5.7 - 68.6	Felsite	Light to dark grey, fine-grained, moderately foliated to aphanitic sections with varying silicification, potassic alteration, chlorite-biotite slickened cleavages and			

DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO

HOLE NUMBER: DT-99-18

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
	felsite con't	pervasive Fe-Mg carbonate alteration. Upper contact sharp and conformable at 50°c.a.			
		5.7-6.9 m: weakly foliated silicified felsite, chlorite-biotite slickened cleavages, trace -1% As.	7864	1.2	0.16
		6.9-7.3 m: strong silicification, weak foliation 55°c.a., several As + py stringers <0.5 cm wide parallel foliation, 3-10% As + py.	7865	0.4	1.25
		7.3-8 m: moderate foliation 55°c.a., trace As.	7866	0.7	0.44
		8-8.5 m: increasing silicification, 8.1-8.5 good As + py, trace -15% As + py, some stringers <0.5 cm wide parallel foliation.	7867	0.5	0.93
		8.5-9 m: same 5-20% As + py, 50:50 As:py.	7868	0.5	8.79
		9-9.7 m: decreasing silicification, trace-10% As + py, some stringers.	7869	0.7	1.27
		9.7-10.7 m: increasing foliation 41°c.a., chl-bio slickened cleavages, trace As.	7870	1.0	0.35
		10.7-11.7 m: same, chloritic, 10.7-10.8 m, fine-grained gabbro, upper contact sharp at 48°c.a., lower contact 58°c.a., trace -3% As + py between 10.8-11.7 m.	7871	1.0	0.39
		11.7-13.2 m: moderate foliation 38°c.a., bio-chl cleavages, trace As + py.	7872	1.5	0.08
		13.2-13.85 m: same, slight increase in silicification, trace -3% As + py, occasional stringer parallel foliation 48°c.a.	7873	0.65	0.20
		13.85-14.5 m: same decreasing silicification, trace As + py.	7874	0.65	0.91

**DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO**

HOLE NUMBER: DT-99-18

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
	felsite con't	14.5-16 m: same, moderate foliation, trace As + py.	7875	1.5	0.03
		16-17.4 m: same, rare As + py.	7876	1.4	0.04
		17.4-18.4 m: moderate foliation 45 ⁰ c.a. increasing silicification, several <5 cm silicified sections with trace - 3% As + py, several <1.0 cm quartz stringers 45-15 ⁰ c.a.	7877	1.0	<0.02
		18.4-20 m: moderate foliation 35 ⁰ c.a. with chlorite-biotite on cleavages, trace As + py.	7878	1.6	0.04
		20-21.5 m: same.	7879	1.5	0.02
		21.5-23 m: same, slight increase in silicification down section, trace As + py.	7880	1.5	0.02
		23-24 m: increasing silicification, several <0.2 cm wide py-As stringers parallel foliation, trace -2% As + py, 49 ⁰ c.a.,	7881	1.0	0.11
		23.95-24 m, gabbro, fine-grained chlorite-biotite-Fe carbonate alteration foliated 50 ⁰ c.a.			
		24-25 m: moderate silicification, weakly foliated, 1-5% As + py.	7882	1.0	0.12
		25-26 m: increasing foliation, trace As + py.	7883	1.0	0.08
		26-27.5 m: same, slight increase in silicification down section. Trace As + py.	7884	1.5	0.10
		27.5-28.5 m: strong silicification, aphanitic, patchy chlorite-biotite, 1-10% As + py as stringers < 0.5 cm wide 60 ⁰ c.a. and disseminated masses.	7885	1.0	0.65
		28.5-29 m: same, 5-15% As + py.	7886	0.5	1.27
		29-29.5 m: same, 5-20% As + py.	7887	0.5	1.98

DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO

HOLE NUMBER: DT-99-18

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
	felsite con't	29.5-30 m: same, weak foliation 45°c.a., 1-10% As + py, gabbro between 29.75-29.79 m foliated parallel foliation.	7888	0.5	0.88
		30-30.5 m: strong silicification, 2-10 % As + py.	7889	0.5	1.93
		30.5-31 m: same, increasing foliation 44°c.a. with bio-chl slickened cleavages, trace -5% As + py.	7890	0.5	0.92
		31-32 m: strong foliation, trace As + py.	7891	1.0	0.21
		32-32.75 m: same, trace As + py.	7892	0.75	1.02
		32.75-33.5 m: same, several <3.0 cm wide silicified section with good As, trace -3% As + py.	7893	0.75	0.35
		33.5-35 m: moderate foliation, trace As + py.	7894	1.5	0.12
		35-36.5 m: same.	7895	1.5	<0.02
		36.5-38 m: same, trace As + py.	7896	1.5	<0.02
		38-39 m: same, several <0.1 cm wide As-py stringers parallel foliation 30°c.a.	7897	1.0	<0.02
		39-40.5 m: same, trace As + py.	7898	1.5	0.04
		40.5-41.5 m: increasing silicification, trace -2% As + py, several stringers and disseminated clots.	7899	1.0	0.42
		41.5-42.5 m: same, trace -1% As + py.	7900	1.0	0.06
		42.5-43.5 m: moderate silicification with patchy As + py, 1-5% some stringers 40°c.a.	16956	1.0	0.93
		43.5-44.5 m: moderate foliation, trace As finely disseminated.	16957	1.0	0.61
	44.5-46 m: same, three quartz stringers <1.0 cm wide parallel to foliation 38°c.a. , rare As.	16958	1.5	0.75	

**DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO**

HOLE NUMBER: DT-99-18

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
	felsite con't	46-47 m: slight increase in silicification, trace As + py.	16959	1.0	0.06
		47-48.5 m: strong foliation, rare disseminated As.	16960	1.5	0.16
		48.5-49.5 m: increasing silicification, several As + py stringers <0.5 cm wide parallel to foliation 40°c.a., trace - 3% As + py.	16961	1.0	0.14
		49.5-50.5 m: same, trace -3% As + py.	16962	1.0	0.02
		50.5-51.75 m: increasing foliation with chlorite-biotite slickened cleavages.	16963	1.25	0.06
		51.75-53 m: same, trace As.	16964	1.25	0.08
		53-54 m: increasing silicification, trace As.	16965	1.0	0.26
		54-55 m: strong silicification, 1-5% As + py, some stringers <0.5 cm parallel foliation 48°c.a.	16966	1.0	1.06
		55-56 m: same.	16967	1.0	0.42
		55-57 m: increasing foliation, trace -3% As + py.	16968	2.0	0.24
		57-57.5 m: strong silicification, aphanitic, 2-5% As + py.	16969	0.5	0.37
		57.5-58 m: same, slight increase in foliation 45°c.a., trace - 3% As + py.	16970	0.5	0.37
		58-58.8 m: same.	16971	0.8	0.13
		58.5-60 m: strong foliation 45°c.a., trace As + py.	16972	1.5	<0.02
		60-61.5 m: same, trace As.	16973	1.5	<0.02
	61.5-62.5 m: slight increase in silicification, trace -1% fine disseminated As + py.	16974	1.0	0.12	
	62.5-63.5 m: stronger foliation 40°c.a., trace As.	16975	1.0	0.79	
	63.5-64.5 m: increasing silicification down section, trace -	16976	1.0	0.12	

**DIAMOND DRILL LOG
TUDOR PROPERTY, TUDOR TOWNSHIP, ONTARIO**

HOLE NUMBER: DT-99-18

INTERVAL metres	ROCK TYPE	DESCRIPTION	SAMPLE No.	LENGTH metres	ASSAY grams/tonne
68.6	felsite con't	3% fine As + py. 64.5-65 m: good silicification, moderate foliation 32°c.a., 1-3% fine As + py. 65-65.5 m: same. 65.5-66 m: increasing foliation 26°c.a., trace -3% As + py. 66-67 m: increasing foliation 52°c.a. with chlorite-biotite slickened cleavages, trace As + py. 67-68.6 m: same, trace As + py. END OF HOLE.	16977 16978 16979 16980 16981	0.5 0.5 0.5 1.0 1.6	0.17 0.35 0.29 0.19 <0.02

LAKEFIELD RESEARCH LIMITED

Box 4300, 185 Concession St., Lakefield, Ontario, K0L 2H0
Phone : 705-652-2038 FAX : 705-652-6441

Attn: R. Dillman
8901 Reily Drive
RR5 Mount Brydges, Ont, N0L 1W0 - CANADA

Lakefield, September 15, 1999

Date Rec. : August 31, 1999
LR. Ref. : **AUG9127.R99**
Reference : N/A
Project : 9902315

CERTIFICATE OF ANALYSIS

No.	Sample ID	Au g/t
1	4601	< 0.02
2	4602	0.02
3	4603	0.06
4	4604	0.12
5	4605	0.26
6	4606	< 0.02
7	4607	0.95
8	4608	0.07
9	4609	0.03
10	4610	0.03
11	4611	< 0.02
12	4612	0.82
13	4613	0.22
14	4614	1.39
15	4615	0.07
16	4616	0.92
17	4617	0.23
18	4618	0.33
19	4619	0.06
20	4620	0.70
21	4621	0.03
22	4622	< 0.02
23	4623	0.02
24	4624	0.07
25	4625	0.27
26	4626	1.10
27	4627	0.76
28	4628	0.38
29	4629	0.12
30	4630	< 0.02
31	4631	0.12
32	4632	1.99
33	4633	0.06
34	4634	0.02
35	4635	0.50
36	4636	0.59

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AUG9127.R99

No.	Sample ID	Au g/t
37	4637	0.06
38	4638	0.02
39	4639	< 0.02
40	4640	< 0.02
41	4641	0.02
42	4642	0.61
43	4643	0.12
44	4644	0.02
45	4645	0.05
46	4646	< 0.02
47	4647	0.03
48	4648	< 0.02
49	4649	0.04
50	4650	< 0.02
51	6151	< 0.02
52	6152	0.16
53	6153	0.17
54	6154	0.03
55	6155	0.06
56	6156	0.41
57	6157	0.07
58	6158	0.06
59	6159	0.27
60	6160	0.29
61	6161	0.02
62	6162	< 0.02
63	6163	0.02
64	6164	0.02

-- Check --

82 4620 0.80

LAKEFIELD RESEARCH LIMITED

P.O. Box 4300, 185 Concession St., Lakefield, Ontario, K0L 2H0
 Phone : 705-552-2038 FAX : 705-652-6441

James M. Chard
 R.R. # 1
 Havelock, Ontario, K0L 1Z0 - CANADA

Attn : James M. Chard

Lakefield, September 29, 1999

Date Rec. : September 15, 1999
 LR. Ref. : SEP9054.R99
 Reference : N/A
 Project : 9902435

CERTIFICATE OF ANALYSIS

No.	Sample ID	Au g/t
1	6165	0.05
2	6166	0.04
3	6167	0.11
4	6168	< 0.02
5	6169	0.06
6	6170	< 0.02
7	6171	< 0.02
8	6172	0.31
9	6173	< 0.02
10	6174	0.02
11	6175	0.08
12	6176	0.14
13	6177	0.14
14	6178	2.16
15	6179	0.37
16	6180	0.51
17	6181	0.77
18	6182	0.63
19	6183	0.34
20	6184	0.61
21	6185	0.10
22	6186	0.54
23	6187	0.60
24	6188	0.66
25	6189	1.91
26	6190	0.93
27	6191	1.21
28	6192	4.69
29	6193	3.12
30	6194	1.79
31	6195	0.86
32	6196	0.25
33	6197	0.42
34	6198	0.18
35	6199	0.14
36	6200	0.80
37	7951	0.38

LAKEFIELD RESEARCH LIMITED

P.O. Box 4300, 185 Concession St., Lakelfield, Ontario, KO1 2H0

Phone : 705-652-2038 FAX : 705-652-6441

SEP9054 R99

No.	Sample ID	Au g/t
38	7952	0.69
39	7953	0.39
40	7954	0.19
41	7955	0.02
42	7956	0.13
43	7957	0.80
44	7958	0.04
45	7959	0.25
46	7960	0.53
47	7961	0.08
48	7962	0.32
49	7963	4.54
50	7964	0.02
51	7965	< 0.02
52	7966	0.36
53	7967	0.51
54	7968	< 0.02
55	7969	0.15
56	7970	0.04
57	7971	< 0.02
58	7972	0.05
59	7973	0.37
60	7974	0.10
61	7975	0.08
62	7976	0.22
63	7977	1.25
64	7978	0.99
65	7979	0.96
66	7980	0.07
67	7981	0.42
68	7982	0.31
69	7983	0.05
70	7984	0.13
71	7985	1.68
72	7986	0.22
73	7987	0.02
74	7988	0.24
75	7989	0.13
76	7990	< 0.02
77	7991	0.53
78	7993	1.09
79	7994	0.05
80	7995	0.10
81	7996	0.02
82	7997	< 0.02
83	7998	0.04

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P.O. Box 4300, 185 Concession St., Lakefield, Ontario, K0L 2H0

Phone: 705-652-2038 FAX: 705-652-6441

SEP9054.R99

No.	Sample ID	Au g/t
84	7999	0.23
85	8000	0.06
86	7850	0.53
87	7861	1.07
88	7852	0.49
89	7863	< 0.02
90	7864	0.16
91	7865	1.25
92	7866	0.44
93	7867	0.93
94	7868	8.79
95	7869	1.27
96	7870	0.35
97	7871	0.39
98	7872	0.08
99	7873	0.20
100	7874	0.91
101	7875	0.03
102	7876	0.04
103	7877	< 0.02
104	7878	0.04
105	7879	0.02
106	7880	0.02
107	7881	0.11
108	7882	0.12
109	7883	0.08
110	7884	0.10
111	7885	0.65
112	7886	1.27
113	7887	1.98
114	7888	0.88
115	7889	1.93
116	7890	0.92
117	7891	0.21
118	7892	1.02
119	7893	0.35
120	7894	0.12
121	7895	< 0.02
122	7896	< 0.02
123	7897	< 0.02
124	7898	0.04
125	7899	0.42
126	7900	0.06
127	16956	0.93
128	16957	0.61
129	16958	0.75

LAKEFIELD RESEARCH LIMITED

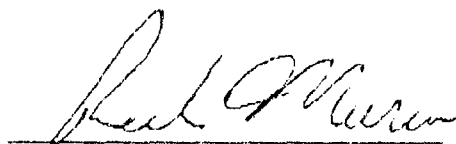
P.O. Box 4300, 185 Concession St., Lakefield, Ontario, K0L 2H0

Phone : 705-652-2039

FAX : 705-652-6441

SEP9054.R99

No.	Sample ID	Au g/t
130	16959	0.06
131	16960	0.16
132	16961	0.14
133	16962	0.02
134	16963	0.06
135	16964	0.08
136	16965	0.26
137	16966	1.06
138	16967	0.42
139	16968	0.24
140	16969	0.37
141	16970	0.37
142	16971	0.13
143	16972	< 0.02
144	16973	< 0.02
145	16974	0.12
146	16975	0.79
147	16976	0.12
148	16977	0.17
149	16978	0.35
150	16979	0.29
151	16980	0.19
152	16981	< 0.02
-- Check --		
153	6104	0.65
154	7954	0.23
155	7974	0.07
156	7995	0.08
157	7874	1.13
158	7894	0.08
159	16969	0.29



Roch Marion, B.Sc., C.Chem.
Assistant Manager, Analytical Services

A MEMBER OF IAETL CANADA

Accredited by the Standards Council of Canada in partnership with CAEAL to the ISO/IEC Guide 25 standard for specific registered tests.

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior written approval.

LAKEFIELD RESEARCH LIMITED

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James M. Chard
 R.R. # 1
 Havelock, Ontario, K0L 1Z0 - CANADA

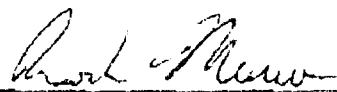
Attn: James M. Chard

Lakefield, September 20, 1999

Date Rec : September 15, 1999
 LR. Ref. : SEP9053.R99
 Reference : N/A
 Project : 9902435

CERTIFICATE OF ANALYSIS

No.	Sample ID	Au met g/t	Au +150 g/t	+150 wt g	Au -150 g/t	total wt g
1	E157	0.09	0.04	24.78	0.10	145.9
2	7992	7.54	6.50	22.88	7.71	163.5



Roch Marion, B.Sc., C.Chem.
 Assistant Manager, Analytical Services

A MEMBER OF IAETL CANADA

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Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use) WOCAC.00060
Assessment Files Research Imaging



31C13SE2006 2.20421 TUDOR

900

ity of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the 1 to review the assessment work and correspond with the mining land holder. ing Recorder, Ministry of Northern Development and Mines, 6th Floor,

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
- Please type or print in ink.

2.20421

1. Recorded holder(s) (Attach a list if necessary)

Name Robert J. Dillman	Client Number
Address 5901 Reily Drive Mount Brydges, Ont. N0L1W0	Telephone Number 519-264-9278
	Fax Number same
Name	Client Number
Address	Telephone Number
	Fax Number

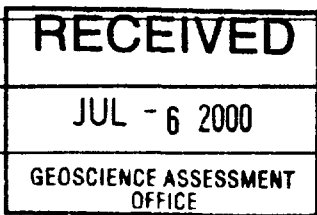
2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

<input type="checkbox"/> Geotechnical: prospecting, surveys, assays and work under section 18 (regs)	<input checked="" type="checkbox"/> Physical: drilling, stripping, trenching and associated assays	<input type="checkbox"/> Rehabilitation
Work Type Core Drilling, logging, sampling, assaying	Office Use	
	Commodity	
	Total \$ Value of Work Claimed	35,980
Dates Work Performed From 30 07 99 To 01 09 99 Day Month Year Day Month Year	NTS Reference	
Global Positioning System Data (if available)	Township/Area Tudor	Mining Division Southern Ontario
	M or G-Plan Number M-156	Resident Geologist District Tudor

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name Robert J. Dillman	Telephone Number 519-264-9278
Address 5901 Reily Drive Mount Brydges Ont. N0L1W0	Fax Number same
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number



4. Certification by Recorded Holder or Agent

I, Robert J. Dillman (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent 	Date July 4, 2000
Agent's Address	Telephone Number
	Fax Number

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W0090.00000

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$8,892	\$4,000	0	\$4,892
1 076809	81	12,961			16,961
2 820720	20	6,845			6,845
3 820719	20	6,550			6,550
4 820718	20	5,624			5,624
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals		\$35,980			\$35,980

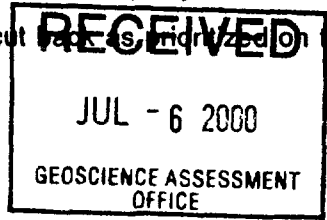
I, Robert J. Dillman (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: [Signature] Date: July 4, 2000

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as indicated on the attached appendix or as follows (describe):



Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)		

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Core Drilling	4389 metres drilled	\$47.39/m	20,800.91
Core Logging	17 days	\$225/day	3,825.00
Core Sampling	23 days	\$175/day	4,025.00
Sample Assaying	216 samples	\$19.77/sample	4,269.36
Associated Costs (e.g. supplies, mobilization and demobilization).			
Supplies			62.13
Mobilization and demobilization			856.00
Transportation Costs			
			1,421.94
Food and Lodging Costs			
			720.55

RECEIVED
JUL - 6 2000
GEOSCIENCE ASSESSMENT OFFICE

Total Value of Assessment Work \$35,980.72

2.20421

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total \$ value of worked claimed.

Note:

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, Robert J. Dillman, do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying

Declaration of Work form as recorded holder I am authorized to make this certification.
(recorded holder, agent, or state company position with signing authority)

Signature: [Signature] Date: July 4, 2000

PROVINCIAL RECORDING OFFICE - SUDBURY
RECEIVED
 JUL 06 2000
 A.M. 9:50 P.M.
 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 | 6

August 24, 2000

ROBERT JAMES DILLMAN
8901 REILY DRIVE
R R #5
MT BRYDGES, Ontario
N0L-1W0

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

Telephone: (888) 415-9845
Fax: (877) 670-1555

Dear Sir or Madam:

Submission Number: 2.20421

Status

Subject: Transaction Number(s): W0090.00060 Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact BRUCE GATES by e-mail at bruce.gates@ndm.gov.on.ca or by telephone at (705) 670-5856.

Yours sincerely,



ORIGINAL SIGNED BY
Steve B. Beneteau
Acting Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.20421

Date Correspondence Sent: August 24, 2000

Assessor: BRUCE GATES

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W0090.00060	1076809	TUDOR,	Approval	August 23, 2000

Section:

16 Drilling CORE

Correspondence to:

Resident Geologist
Tweed, ON

Recorded Holder(s) and/or Agent(s):

ROBERT JAMES DILLMAN
MT BRYDGES, Ontario

Assessment Files Library
Sudbury, ON

Limerick Twp.(M.114)

THE TOWNSHIP OF
OF

TUDOR

COUNTY OF
HASTINGS

MINING DIVISION

SCALE: 1-INCH=40 CHAINS

LEGEND

- 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
- TRAILS
- PATENTED S.R.O.

NOTES

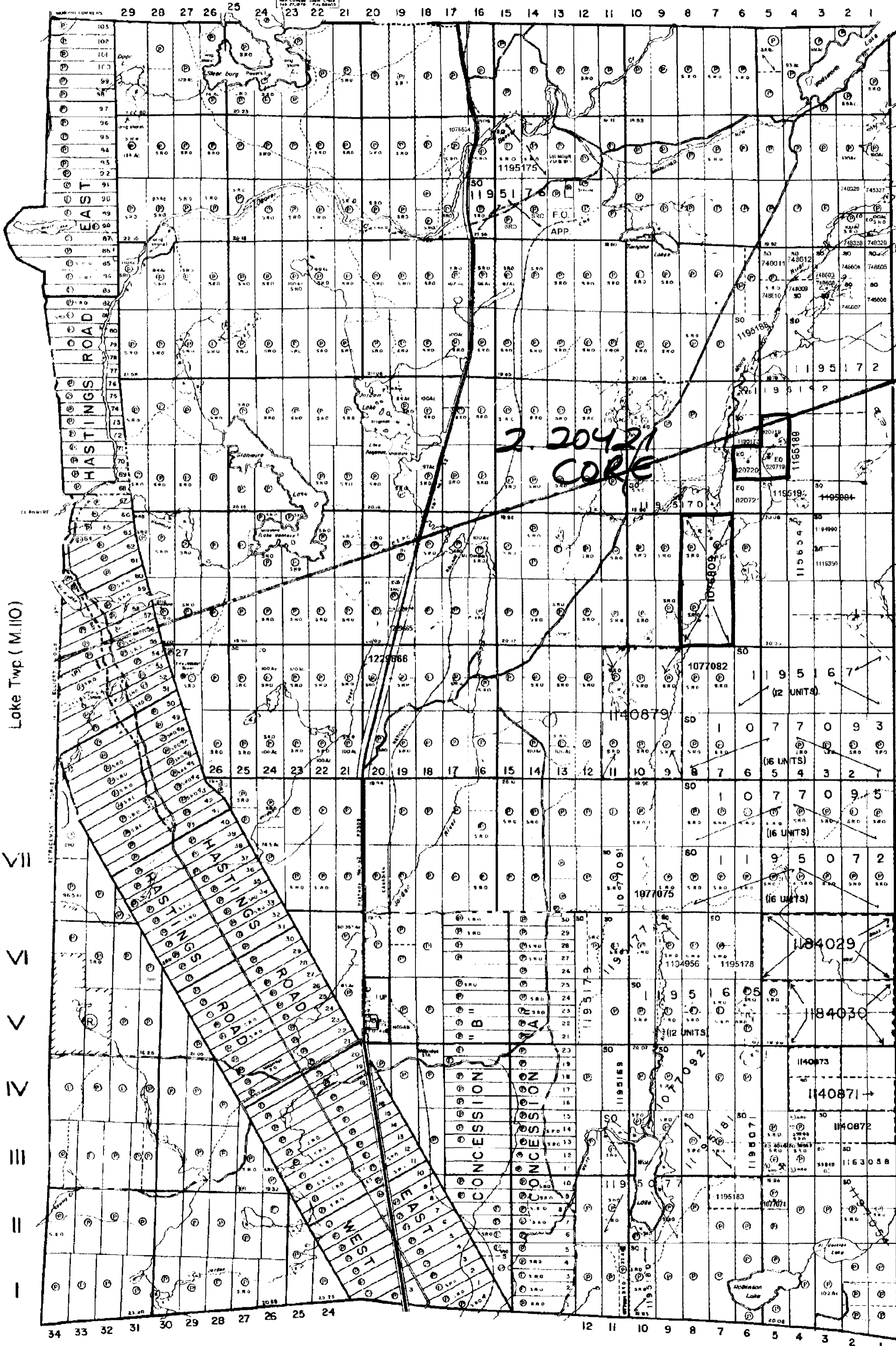
This Map Is Not To Be Used
FOR SURVEY PURPOSES.

Lot And Concession Lines Shown Hereon Are Projected From The Best Information Available. But Their True Position Is Not Guaranteed. For Official Survey Purposes Consult The Original Survey Plans And Field Notes Of Records In The Ministry Of Natural Resources.

400' Surface rights reservation along the shores of all lakes and rivers

- (P) S.R.O. NOT OPEN FOR STAKING UNDER SUBSECTION 30(B), MINING ACT, R.S.O. 1990
- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.R.S. - MINING & SURFACE RIGHTS

DESC. ORDER # DATE DISP. FILE



Lake Twp. (M.110)

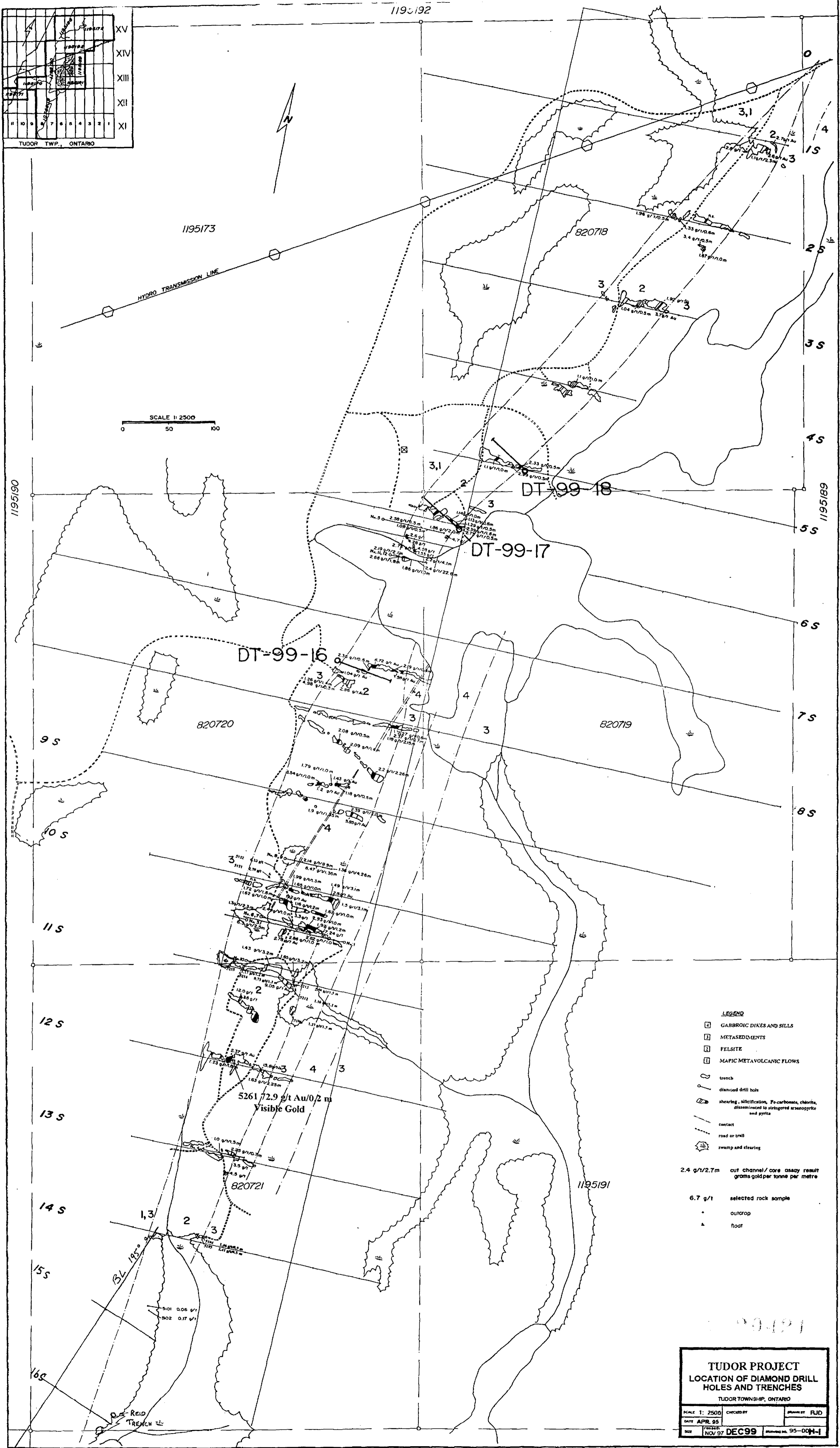
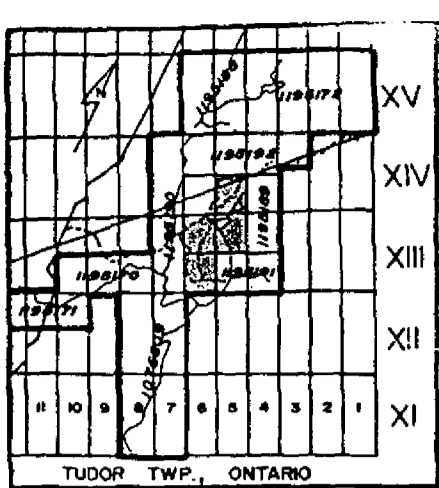
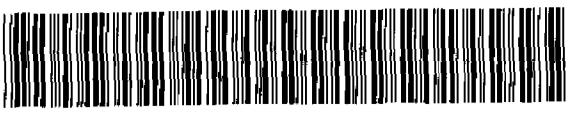
Grimsthorpe Twp. (M.97)

Madoc Twp. (M.120)

PLAN NO.-M.156

MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH



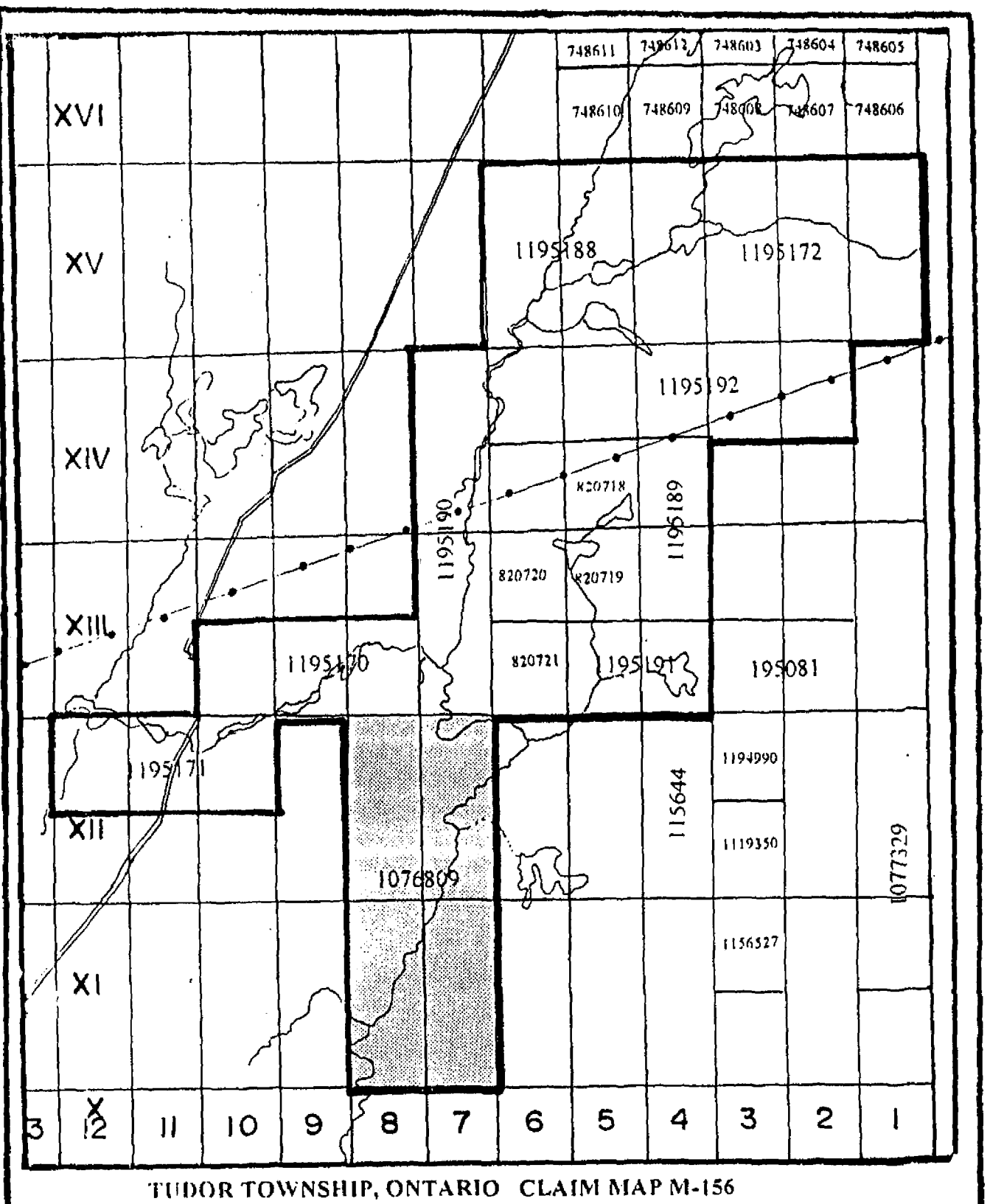
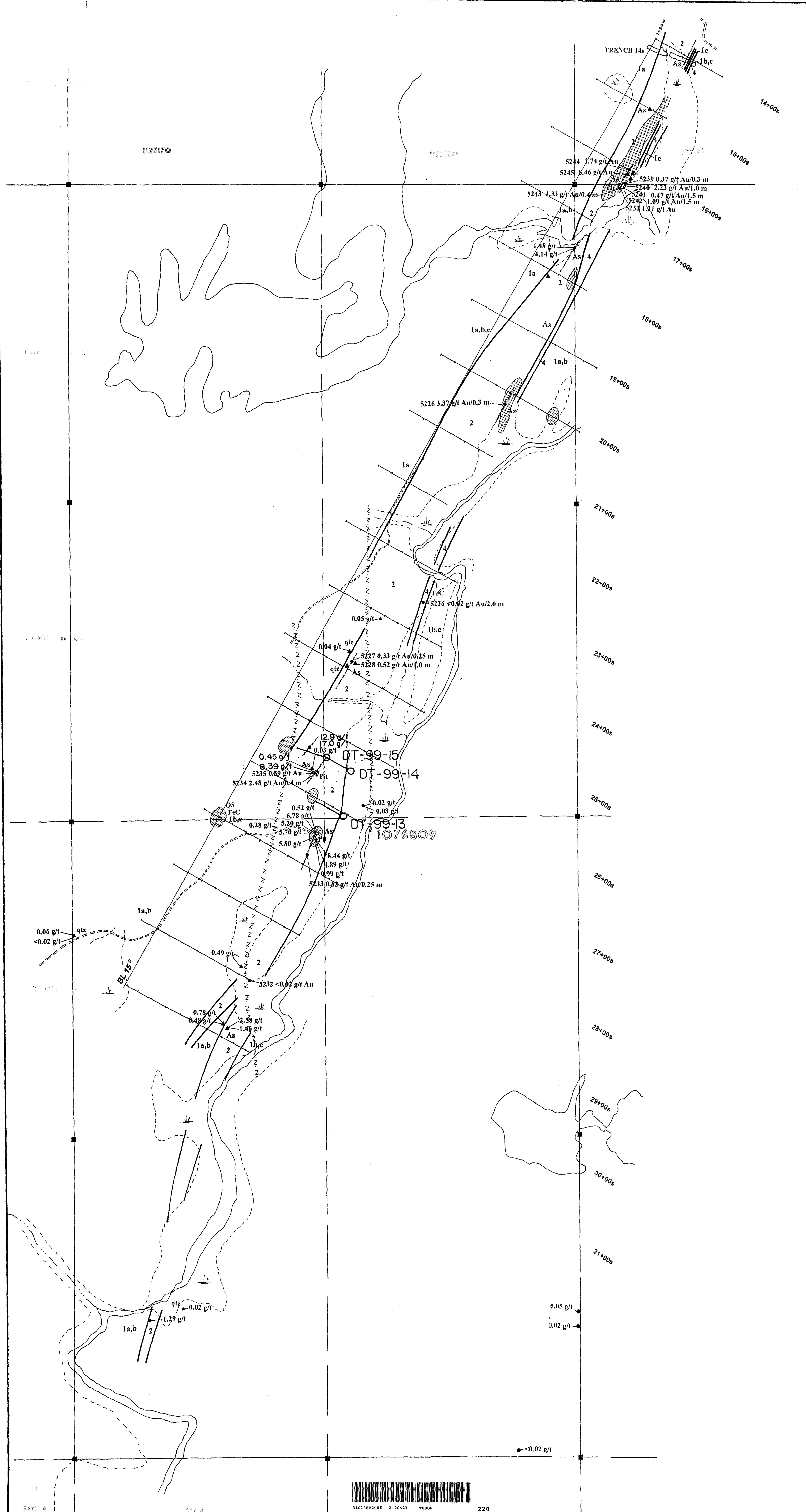


SCALE 1:2500
0 50 100

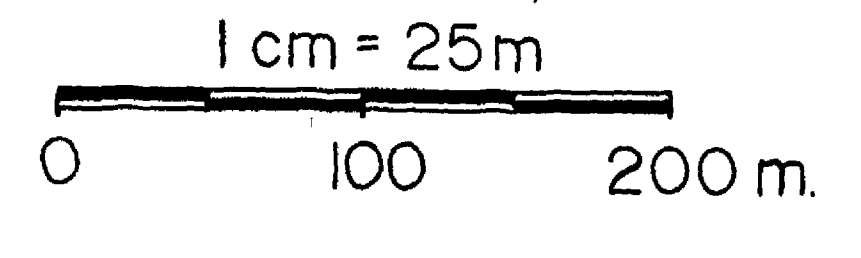
- LEGEND**
- GABBROIC DIKES AND SILLS
 - METASEDIMENTS
 - FELSITE
 - MAFIC METAVOLCANIC FLOWS
 - trench
 - diamond drill hole
 - shearing, silicification, Fe-carbonate, chlorite, disseminated to stringer arsenopyrite and pyrite
 - contact
 - road or trail
 - swamp and clearing
 - 2.4 g/1.27m cut channel/ core assay result
grams gold per tonne per metre
 - 6.7 g/1 selected rock sample
 - outcrop
 - float

TUDOR PROJECT
LOCATION OF DIAMOND DRILL HOLES AND TRENCHES
TUDOR TOWNSHIP, ONTARIO

SCALE 1: 2500	CHECKED BY	DRAWN BY RJD
DATE APR. 95		
SIZE	FIGURE NOV 97 DEC99	DRAWING NO. 95-00H-1



TUDOR TOWNSHIP, ONTARIO CLAIM MAP M-156



LEGEND

- 6 CHLORITE-Fe CARBONATED SCHIST
- 5 TRONDHEMITE
- 4 GABBRO
- 3 METASEDIMENTARY SCHISTS
 - r rusty metasedimentary schist
- 2 FELSITE TUFF
- 1 MAFIC METAVOLCANIC ROCKS
 - a metavolcanic flows
 - b metavolcanic schists
 - c chlorite schist
 - r rusty metavolcanic schists

SYMBOLS

- | | | | | | | |
|--------|---------------------------|-----|---------------------|-----------|----------|------------------|
| — | fault/vein/stratigraphy | QS | quartz stringers | 5122 | 3.12 g/t | gold assay |
| — | strike & dip | QV | quartz vein | As | | arsenopyrite |
| — | jointing strike & dip | QC | quartz calcite vein | py | | pyrite |
| — | quartz vein strike & dip | sw | swamp | cpy | | chalcopyrite |
| — | shear zone | bd | beaver dam | mag | | magnetite |
| — | fold/unroofed schistosity | tr | trail | Ca | | calcite |
| ○ | outcrop | cl | clearing | Au | | gold occurrence |
| ▲ | hilltop | hr | hilltop, ridge | vein | | vein |
| ● | boulder | clm | claim post & line | contact | | contact |
| N.N.N. | Feuif | qtz | quartz | >40ppb Au | | 'B' Soil Anomaly |

TUDOR PROPERTY

LOCATION OF DIAMOND DRILL HOLES

TUDOR TOWNSHIP, ONTARIO

SCALE 1:2,500	DATE JAN. 1999	DRAWN BY RJD
SIZE	REVISED DEC 1999	DRAWING No. DDH99-2

0+25 E

0+50 E

0+75 E

1+00 E

1+25 E

1+50 E

2+00 E

CON. XII S. 1/2
105°

285°

1076809

LOT 8 LOT 7

DT-99-13

RIVER

LEGEND

- 5 CHLORITE-ANKERITE SCHIST
- 4 GABBROIC DYKE
- 3 ARGILLITE
- 2 FELSITE
- 1 MAFIC VOLCANIC FLOWS
 - a massive flows
 - b schist
- QS QUARTZ +/- Fe CARBONATE STRINGER STOCKWORK
- QU QUARTZ VEIN
- py PYRITE
- chl CHLORITE
- ARSENOPYRITE + SILICIFICATION +/- Fe CARBONATE ALTERATION
- CORE ANGLE OF FOLIATION
- CONTACT

SECTION 27+05 S
DT-99-13

TUDOR PROPERTY
TUDOR TOWNSHIP, ONTARIO

SCALE: 1: 250 / 1 cm = 2.5 m

DATE: AUG. 1999 DRAWN BY: RJD

230



31C1382006 2.20421 TUDOR

75m

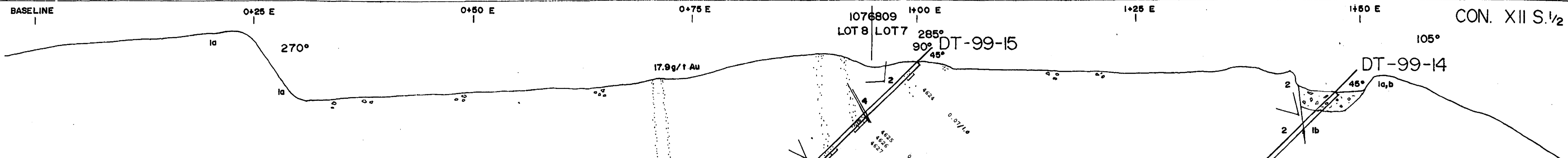
25m

50m

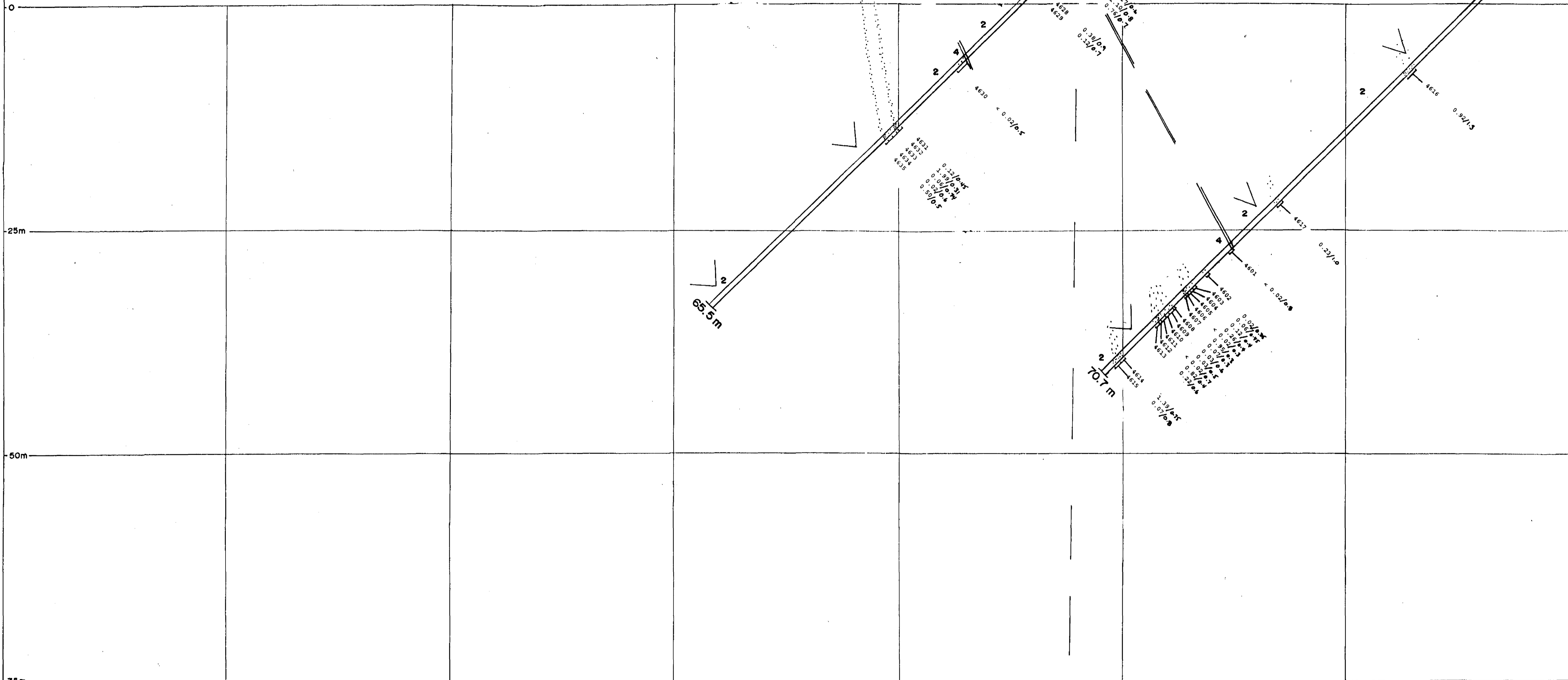
70.7m
4421
4422
0.32/14
0.14/12
0.10/14

4418
4419
4420
0.32/14
0.14/12
0.10/14

45°
1b,a
1b
4423
0.07/14

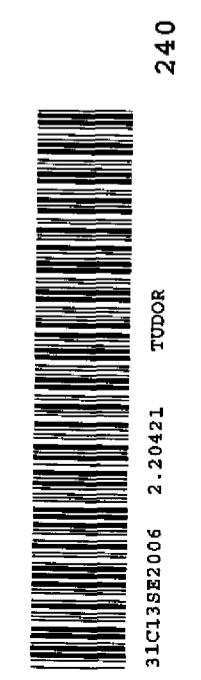


CON. XII S. 1/2

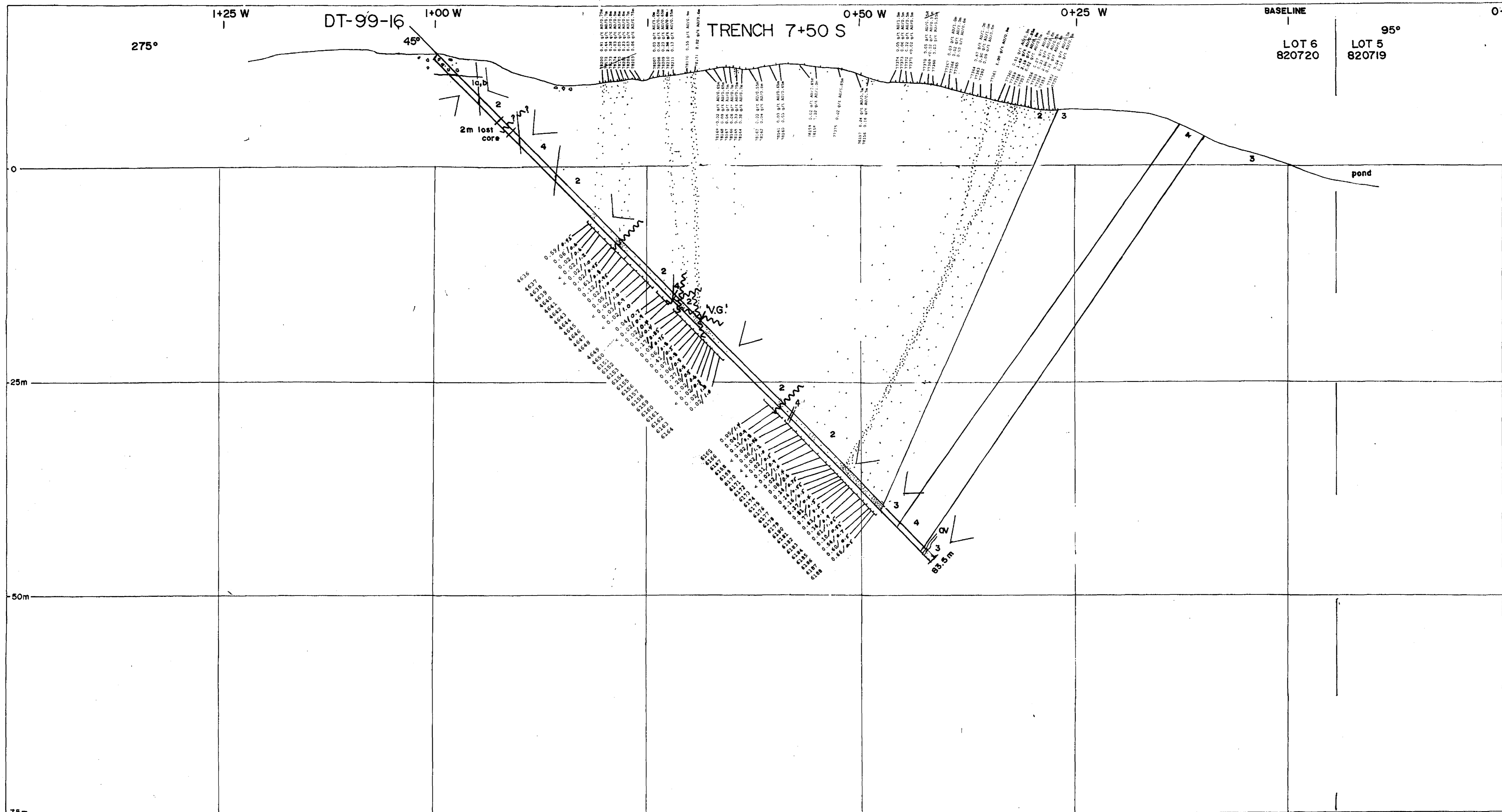


- LEGEND**
- 5 CHLORITE-ANKERITE SCHIST
 - 4 GABBROIC DYKE
 - 3 ARGILLITE
 - 2 FELSITE
 - 1 MAFIC VOLCANIC FLOWS
 - a massive flows
 - b schist
 - QS QUARTZ +/- Fe CARBONATE STRINGER STOCKWORK
 - QU QUARTZ VEIN
 - py PYRITE
 - chl CHLORITE
 - ARSENOPYRITE + SILICIFICATION +/- Fe CARBONATE ALTERATION
 - CORE ANGLE OF FOLIATION
 - CONTACT

SECTION 26+39 S
DT-99-14, DT-99-15
TUDOR PROPERTY
TUDOR TOWNSHIP, ONTARIO
 SCALE: 1: 250 / 1 cm = 2.5 m
 DATE: AUG. 1999 DRAWN BY: RJD



DT-99-16 TRENCH 7+50 S LOT 6 820720 LOT 5 820719 CON. XIII N. 1/2



- LEGEND**
- 5 CHLORITE-ANKERITE SCHIST
 - 4 GABBROIC DYKE
 - 3 ARGILLITE
 - 2 FELSITE
 - 1 MAFIC VOLCANIC FLOWS
 - a massive flows
 - b schist
 - QS QUARTZ +/- Fe CARBONATE STRINGER STOCKWORK
 - QU QUARTZ VEIN
 - py PYRITE
 - chl CHLORITE
 - ARSENOPYRITE + SILICIFICATION +/- Fe CARBONATE ALTERATION
 - CORE ANGLE OF FOLIATION
 - CONTACT

**SECTION 7+45 S
DT-99-16**

**TUDOR PROPERTY
TUDOR TOWNSHIP, ONTARIO**

SCALE: 1: 250 / 1 cm = 2.5 m

DATE: AUG. 1999 DRAWN BY: RJD

31C138Z006 2.20421 TUDOR 250

1+00 W

0+75 W

0+50 W

0+25 W

BASELINE

0+25 E

0+50 E

CON. XIII N. 1/2

300°

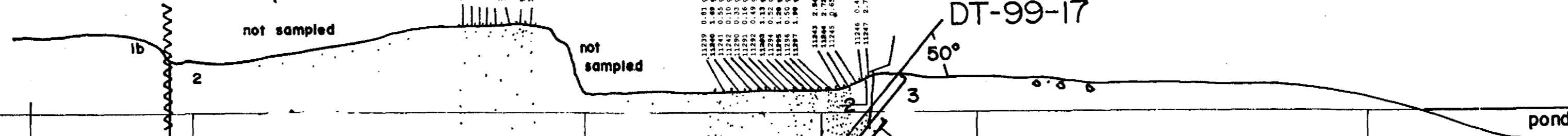
LOT 6
820720

LOT 5
820719

TRENCH 5+75 S

120°

DT-99-17



LEGEND

- 5 CHLORITE-ANKERITE SCHIST
- 4 GABBROIC DYKE
- 3 ARGILLITE
- 2 FELSITE
- 1 MAFIC VOLCANIC FLOWS
 - a massive flows
 - b schist
- QS QUARTZ +/- Fe CARBONATE STRINGER STOCKWORK
- QV QUARTZ VEIN
- py PYRITE
- chl CHLORITE
- ARSENOPYRITE + SILICIFICATION +/- Fe CARBONATE ALTERATION
- CORE ANGLE OF FOLIATION
- CONTACT

SECTION 5+88 S
DT-99-17

TUDOR PROPERTY
TUDOR TOWNSHIP, ONTARIO

SCALE: 1: 250 / 1 cm = 2.5 m

DATE: AUG. 1999 DRAWN BY: RJD



260

TUDOR

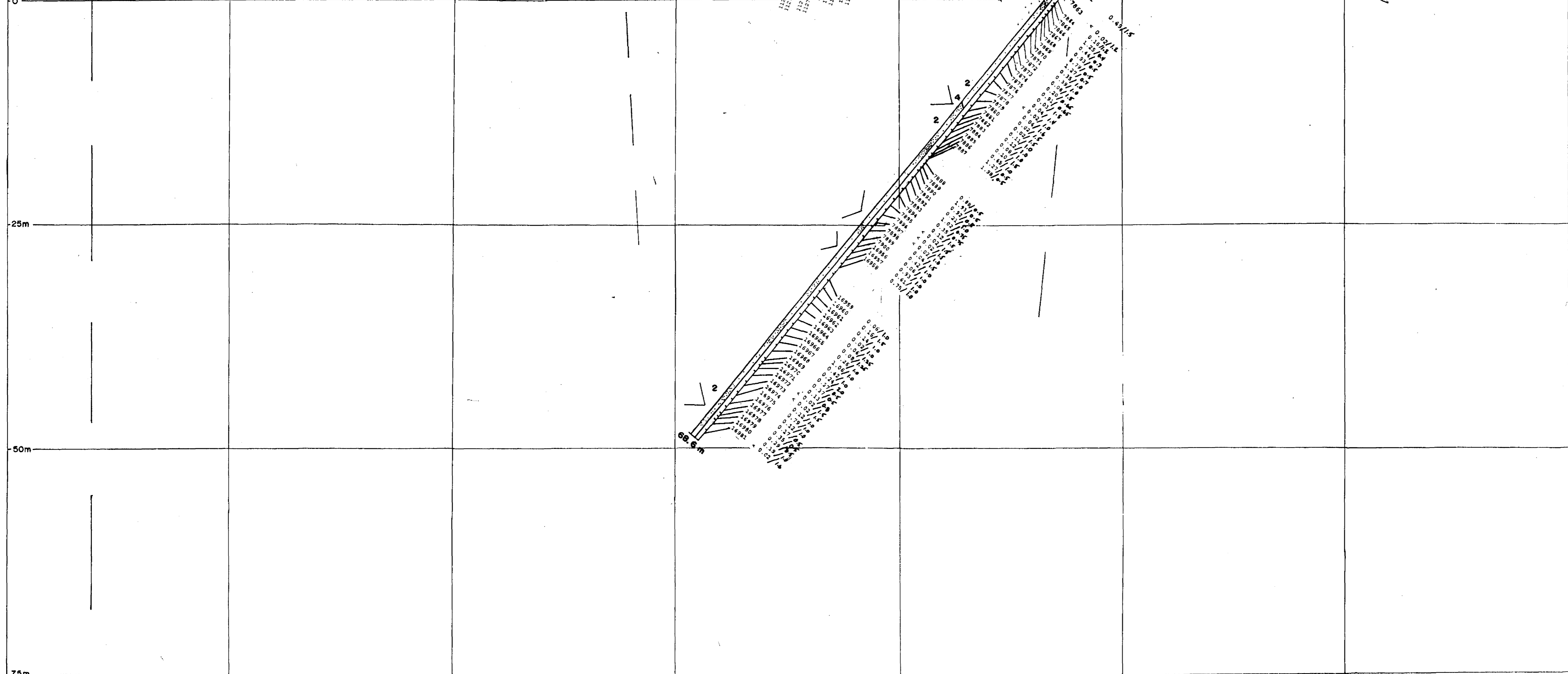
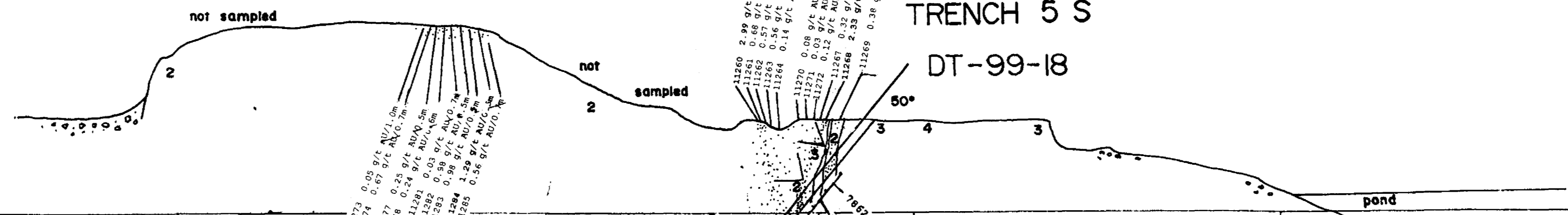
75m

LOT 6
1195188
300°

LOT 5
820718

0+50 W 0+25 W BASELINE 0+25 E 0+50 E 0+75 E 1+00 E

CON. XVI S. 1/2
120°



LEGEND

5	CHLORITE-ANKERITE SCHIST
4	GABBROIC DYKE
3	ARGILLITE
2	FELSITE
1	MAFIC VOLCANIC FLOWS
	a massive flows
	b schist
QS	QUARTZ +/- Fe CARBONATE STRINGER STOCKWORK
QV	QUARTZ VEIN
py	PYRITE
chl	CHLORITE
	ARSENOPYRITE + SILICIFICATION +/- Fe CARBONATE ALTERATION
	CORE ANGLE OF FOLIATION
	CONTACT

**SECTION 5+03 S
DT-99-18**

**TUDOR PROPERTY
TUDOR TOWNSHIP, ONTARIO**

SCALE: 1: 250 / 1 cm = 2.5 m

DATE: AUG. 1999 DRAWN BY: RJD

31C1382006 2.20421 TUDOR 270

200492