Report
on
An Exploration Program
on
Six Bancroft Option Properties
in
Faraday, Cardiff and Monmouth Townships
Southern Ontario Mining Division
NTS 31-D/16 and 31-E/1

For

El Nino Ventures Inc.

2.31943

December 21, 2005

T.J. Beesley
Geological Services Inc.

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Summary
El Nino Ventures Inc. conducted an exploration program on six of its eight Bancroft area uranium option properties during the month of October, 2005. In each case the property was reconnoitered to determine the extent of anomalous radioactivity. A chained and flagged grid was established to cover this area of interest. Scintillometer surveying was conducted over the grid, generally on 12.5-m stations on 50-m spaced crosslines, employing a SAPHYMO SRAT SPP2 scintillometer. Overburden trenches from previous exploration were tied into the grid and surveyed radiometrically. Representative bedrock samples coinciding with the highest anomalous radioactivity were obtained as chip or channel samples and analyzed for U3O8 and ThO2 content by the XRF method. Geological characteristics of the samples and trenches were noted. High uranium analyses were obtained on three of the six properties. On the Canadian All Metals property two samples 2 m apart out of eight taken on the property each contained 0.22% U3O8 and a third 125 m away contained 3.02% U3O8, in a coarse biotite-diopside pegmatite skarn within an overall area of anomalous radioactivity 400 m x 200m. On the McLean-Hogan property four of seven samples contained between 0.06 and 0.31% U3O8 within an overall radioactively anomalous area 250 m x 150 m, in a coarse-grained biotite-diopside skarn. On the Silver Crater Baumhour-Campbell Occurrence #2 Showing nine samples within a 250 m x 125 m radioactively anomalous area ranged from <0.01 to 0.69% U3O8 and averaged 0.31%. Five samples taken over a 75-m interval in the central part of the grid contained from 0.37 to 0.69% U3O8 and averaged 0.53% U3O8, in highly mafic augite syenite pegmatite typical of former camp producers. This high grade zone is considered open off the west side of the grid under overburden.

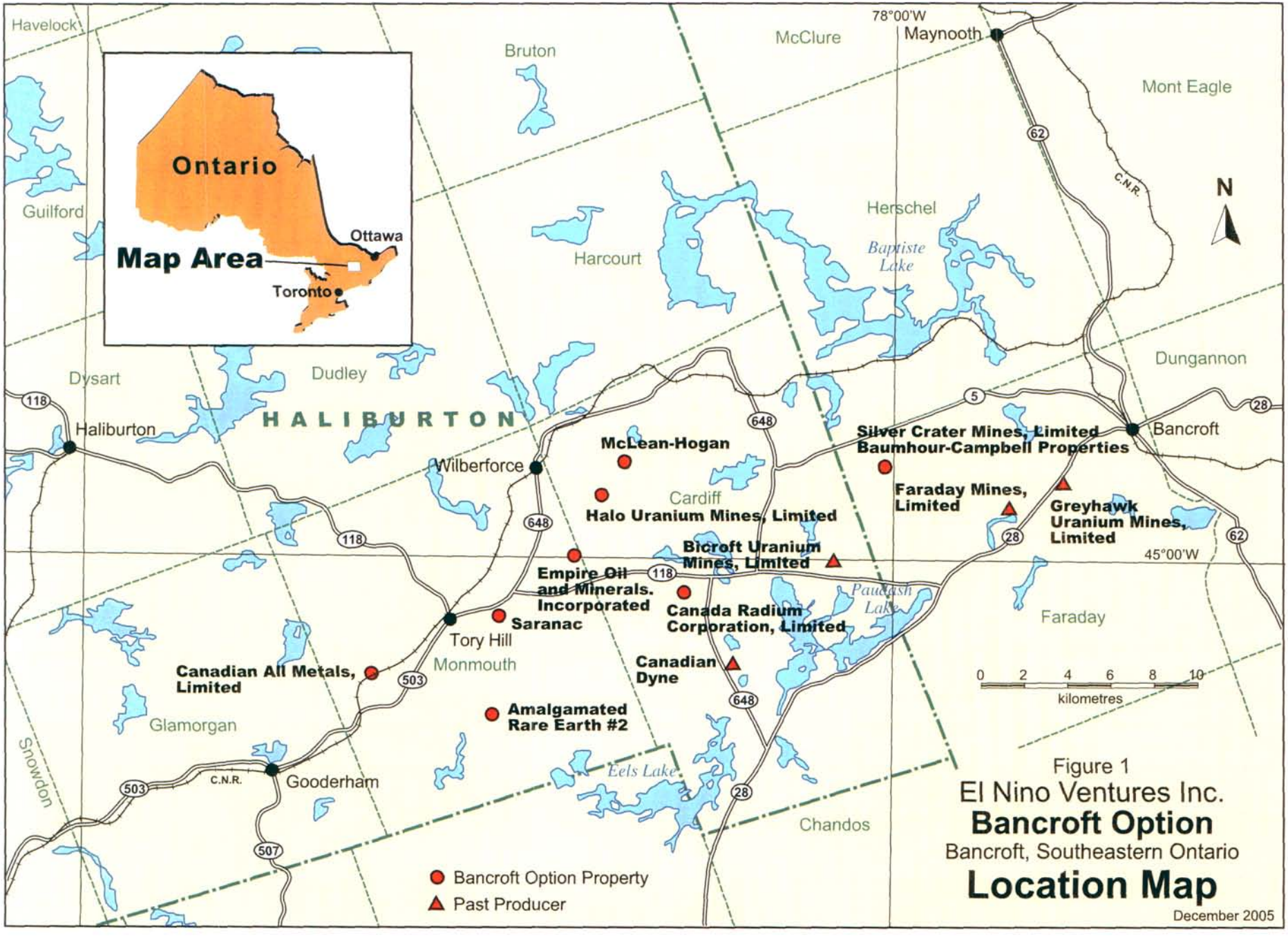


Figure 1

El Nino Ventures Inc.

Bancroft Option

Bancroft, Southeastern Ontario

Location Map

December 2005

Property Description and Location. (Figure 1)
The 8 Bancroft Option Properties, of which six are described in this report, are located in Faraday Township (Silver Crater-Baumhour-Campbell Occurrence), Cardiff Township (Halo Prospect, McLean-Hogan, Empire B Prospect and Canada Radium Prospect) and Monmouth Township (Empire B Prospect, Saranac, Amalgamated Rare Earth #2 Property, and Canadian All Metals Property). The 8 properties are comprised of 34 mineral claims containing 247 claim units. The claims are registered in the name of two optionors and are described in Appendix 1. El Nino Ventures Inc. (the optionee) can earn a 100% interest in the Silver Crater-Baumhour-Campbell claims and four of the six Canadian All Metals claims (see Appendix 1) from optionor Glenn Tripp(RR#1 3561 Kinburn Side Road , Kinburn, ON K0A) by making cash payments totaling $12,500 over 2 years, issuing a total of 40,000 shares over 2 years, and expending $105,000 on exploration over 4 years. The optionee can also earn a 100% interest in the Halo, Empire B, Amalgamated Rare Earth #2, Saranac, McLean-Hogan , Canada Radium and two of the six Canadian All Metals claims (see Appendix 1) from optionor Exploration and Construction Services Inc.(RR#1 Douglas, ON K0J 1S0) by making cash payments totaling $12,500 over 2 years, issuing a total of 60,000 shares over 2 years and expending $105,000 on exploration over 4 years. Claim maps of the six properties are shown in Figures 5, 8, 11, 14, 18 and 22.

Access
The McLean-Hogan prospect is not accessible by road and can only be reached by bush traverse northeast from the Halo Northwest and Lake Zones to Cope Creek, a distance of approx. 2 km. The northeast part of the Empire B Zone in Cardiff Twp. is accessed by a 0.5 km traverse southeast from the end of a bush road running east from the Halo Road about 0.5 km past the end of the Wilberforce road. The main Empire B Prospect in Lot 35 Con 11 Monmouth is accessed by exiting north from Hwy.118 onto a secondary road 3.2 km east of the western junction with Hwy. 648 approx. 0.7 km to a sand and gravel pit and then 0.5 km east and north by foot. The Canada Radium Mine is accessed by exiting south from Hwy 118 about 10 km east of the western junction with Hwy 648 on the Cheddar Road. Exit the Cheddar Road left after 300 m and follow a lumber road for 200 m to the old mine site. To access the Saranac prospect take Hwy 118 400 m west of the western intersection with Hwy 648 to the Hadlington Road. Exit south and proceed 2.2 km. The Main Showing East Pegmatite open cut is 200 m east of this point along a bush trail. To access the Canada All Metals property proceed west along Hwy 118 to Tory Hill and take the junction south onto Hwy 503 and proceed 7 km towards Gooderham. On the west side of McCue Creek where it crosses the highway proceed north and east for 2 km along the old railway right of way to a cleared area. From hear access the radioactive showings in Lots 6 and 7, Con 9. The Silver Crater-Baumhour-Campbell Occurrence is accessed by proceeding 4 km northeast from the town of Cardiff along the Monck Road to a private road exiting north. The road is gated and locked. Proceed 1.8 km north on this road on foot to a trail exiting north. Follow this trail 600 m to the south end of a lake. Traverse west 600 m from this point to the occurrence in overburden trenches in Lot 29 Con 15 Faraday Twp.

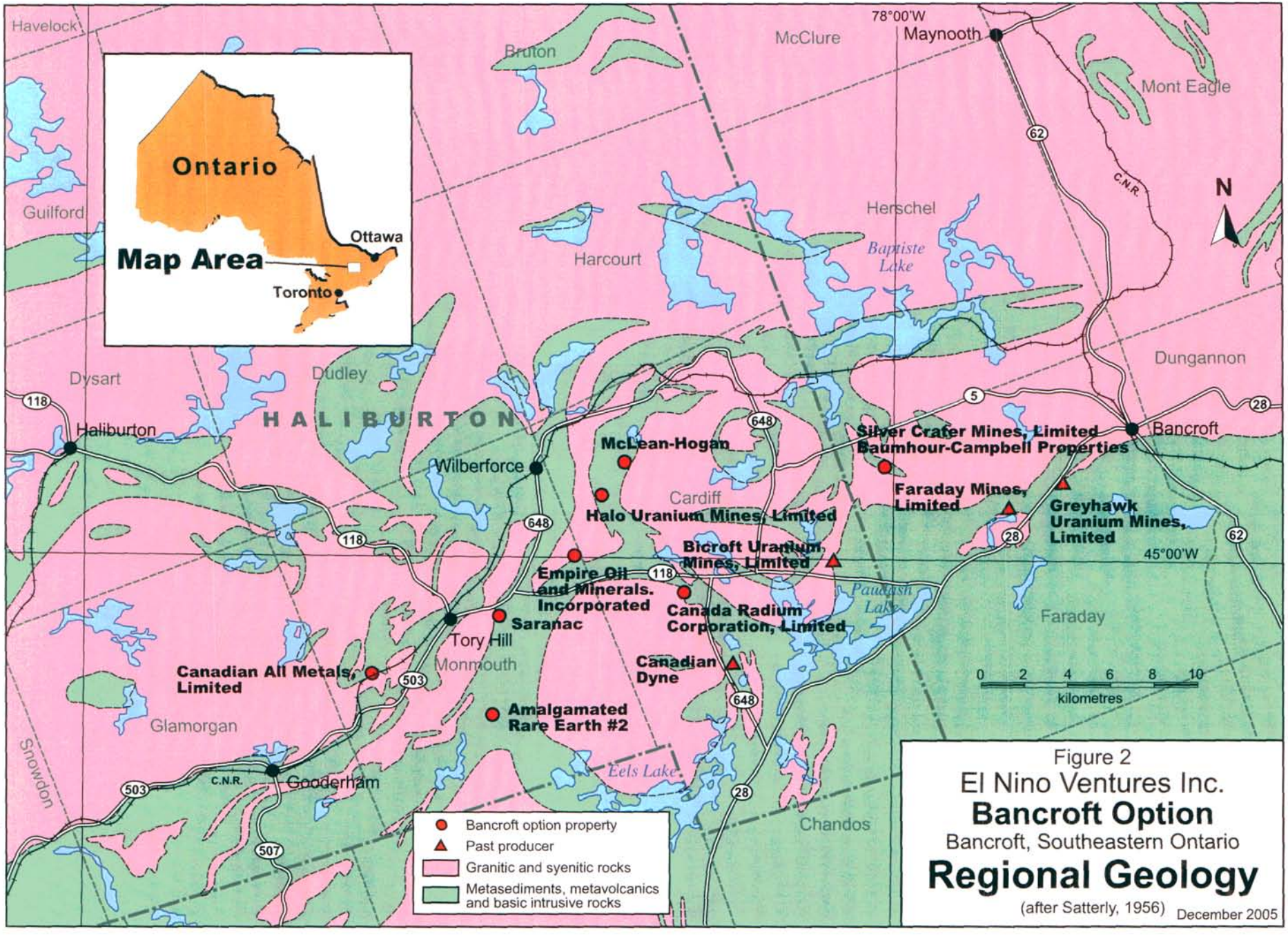


Figure 2

El Nino Ventures Inc.

Bancroft Option

Bancroft, Southeastern Ontario

Regional Geology

(after Satterly, 1956) December 2005

Previous Work

Canadian All Metals Occurrence (Con IX, Lots 5-9;Con XVIII, Lot 6, Monmouth Twp.)
1955: Work by Canadian All Metals Explorations Limited included stripping, trenching, 38 diamond drill holes totaling 5040 feet, 4 underground drill holes for 531 feet, an adit in N1/2 Lot 6, Con IX, with 642 feet of crosscutting and 490 feet of drifting.
1977: Ten diamond drill holes totaling 1976 feet by Imperial Oil Limited.

Property is underlain by complex of marble, quartzite, paragneiss and granite gneiss. Radioactive minerals uraninite and pyrochlore are erratically disseminated in discontinuous lenses within zones of silicated marble containing tremolite, pyroxene, mica, serpentine and salmon-pink calcite. Drill hole samples reportedly average 0.184% U3O8 over 49 inches.(2) Results from Imperial Oil drilling indicate uranium intersections <0.05% U3O8 over widths up to 50 feet, with exceptions 0.33%U3O8/1.0 feet, 0.083%U3O8/8.0 feet , 0.099%U3O8/2.0 feet and 0.295%U3O8/ 1.6 feet. (26)

Canada Radium Occurrence (Con XII, Lots 7-11, Con XIII Lots 7-9 Cardiff Township)
1932-36: A 400-foot shaft with levels at 125, 250 and 375 feet sunk on Lot 9, Con XII. 1810 feet of lateral work
1939-42: 200 tons of feldspar pegmatite milled and magnetically separated in a 110 tpd mill.
1954-55: Workings dewatered, magnetometer, scintillometer and geological surveys; 90 diamond drill holes totaling 43,184 feet.
1968-69: Three diamond drill holes for 869 feet by Cam Mines Limited.
1969-70: Geological and radiometric surveys; 7 diamond drill holes totaling 1366 feet by Initiative Explorations Inc.
1974: Preliminary work to dewater shaft by Golden Giant Mines.
1975: Radon soil gas survey by Kerr Addison Mines Limited.

Mineralization (uraninite and uranothorite) occurs within narrow, discontinuous mafic-rich lenses in leucogranite or leucogranite pegmatite dikes. In 1955 five radioactive zones, the largest 400 feet long, were outlined by diamond drilling. Maximum assay from 1968 drilling of numerous narrow pegmatites was 0.116% U3O8/1.0 foot. (2)

Empire 'B' (Con XI, Lots 33-35; Con XII, Lot 35, Monmouth Twp.)
1954-55: Scintillometer and geological surveys; 26 diamond drill holes for 12,509 feet by Empire Oil and Minerals Inc.
1967: Airborne magnetic, electromagnetic, electromagnetic and radiometric surveys by L.T. Chandler.
1968-70: Eleven diamond drill holes for 6922 feet by Canuc Mines Limited.
1971-75: Prospecting for fluorite; 6 diamond drill holes for 3319 feet by Landair Explorations Limited.

1976-77: VLF-EM and radiometric surveys; at least 3241 feet of diamond drilling in 6 holes by Powerex Resources Limited.

Uranium mineralization within thin lenticular, discontinous leucogranite or granite pegmatite, in uranothorite or uraninite, conformably intruding syenitic rock, granite gneiss, hornblende-biotite gneiss, amphibolite and marble. Grades and widths from the 1954-55 drilling range from 0.05%U3O8/2.0 feet to 0.14 %U3O8/4.0 feet with the best intersection recorded 0.5% U3O8/5.0 feet. Average grade of the intersections reported is 0.077% U3O8. (24)

McLean-Hogan Occurrence (Con XIX, Lots 8-10 Cardiff Twp.)
1953: Eleven trenches by E.T. Hogan and some short drill holes by Cope Lake Mines Limited.
1954-55: Scintillometer and geological surveys, bulk sampling, 69 diamond drill holes totaling 3585 feet by Anuwon Uranium Mines Limited.
1968: Scintillometer and geological surveys by Cope Lake Mines Limited.
1975: Two diamond drill holes for 332 feet by E.T. Hogan (for Canadian Nickel Company Limited.)

Scattered uranothorite occurs in a granite pegmatite which intrudes mica pyroxenite country rock. Grab samples assayed from 0.019 to 0.54 % U3O8 (2).

Saranac – East Occurrence (Con IX, Lots 23 and 24, Monmouth Twp.)
1954-56: Open cut 150 feet long and 32 diamond drill holes for 7286 feet by Saranac Uranium Mines Limited.
1973: Geological survey and 4 diamond drill holes for 643 feet by Imperial Oil Limited.
1975: Scintillometer survey by Imperial Oil Limited.
1989: Sampling of Main Showing for Rare Earth Elements (REE) by H. Grant Harper.

Mineralization occurs as accessory uranothorite with fractures and rusty stain within a 7-foot thick sill of medium-grained pale-pink biotite-hornblende granite. In drill logs from the 1954-56 Saranac diamond drilling narrow pegmatite intersections generally from 3-11 feet are typically described as 'pegmatite composed chiefly of quartz and pink feldspar containing biotite, pyroxene and hornblende'. No mention is made of radioactivity and samples were apparently not taken.(19, 22) Drill logs from four Imperial Oil Limited drill holes mention narrow pegmatites alone or in swarms grading from 0.007% U3O8/1.0 feet to 0.048% U3O8/0.3 feet.(25) Results of REE sampling were negative.

Silver Crater-Baumhour-Campbell Occurrence (Concession B, Lots 28N1/2, 29; Con XIV, Lots 27-33; Con XV, Lots 27-30; Con XVI, Lots 29, 30N1/2, 31N1/2)
1954-56: Trenching, magnetometer survey, packsack drilling, 7075 feet of diamond drilling by Silver crater Mines Limited.

1967-69: Geological, magnetic and radiometric surveys, 20 diamond drill holes for 8377 feet by Fidelity Mining Investments Limited.
1968: Trenching and radiometric survey by F.H. Jowsey.
1975: Geological, geophysical and radiometric surveys by R. Laird.
1975: Geological, geophysical and radiometric surveys by Brascan Resources.
1975-76: Radiometric and radon soil gas surveys by Kerr Addison Mines Limited.
1977: Airborne electromagnetic and magnetic surveys by Brascan Resources, Projex and R.Laird.
The property is underlain by granite and granite gneiss to the northeast and syenite and nepheline syenite to the southwest. The rocks are cut by dikes, sills and irregular masses of granite pegmatite and pegmatitic granite, which host the radioactive showings, of which three are present: (No. 1) uranothorite occurs in pyroxene in calcite-scapolite-pyroxene syenite pegmatite, 1 to 5 feet wide and 20 feet long, along a 200 foot exposure ; in (No. 2) bodies of leucogranite, granite pegmatite and syenite pegmatite, 6 to 18 feet wide and 170 feet long occur with accessory uranothorite, titanite and zircon; and in (No. 3) a discontinuous leucogranite dike with patches of pyroxene and accessory zircon, allanite, uranothorite and uranophane, is exposed over 300 feet, striking E and dipping 70SE. Drill logs were examined for 10 holes drilled for 3214 feet into Showing No. 3 in the N1/2 of Lot 29, Con XV. Granite and pegmatite, locally brick red, intrude paragneiss and amphibolite. Only one of the 10 holes was sampled (Hole 52 over a length of 18 feet with disseminated uranothorite, and fluorite and molybdenite). No assays were reported. Of the remaining holes 'slight radioactivity' was reported in pegmatite over 1.1 feet in Hole 57 and 29.2 feet in adjacent hole 58, and 'no radioactivity' was reported over pegmatites in the remaining seven holes. (28)

Current Exploration Program

The survey was carried out on October 5 and 6 and between October 11-30 inclusive, 2005. The survey was supervised in field by T.J. Beesley, 11 Arcadian Circle, Toronto, ON M8W 2Z1.

The survey was carried out on six properties in the Bancroft area under option to El Nino Ventures Inc. In each case the property was reconnoitered to establish the extent of the anomalous radioactivity. A grid was chained and flagged to cover this area, generally with 50 m-spaced crosslines and 12.5 m stations to guide grid scintillometer surveying. Formerly established pits or overburden trenches were tied into the grid and contained anomalous radioactivity noted and mapped. Representative highlights of this anomalous radioactivity in bedrock were sampled and analyzed for U_3O_8 and ThO_2 content by the XRF method. The data at each property is presented in figures illustrating a) results of the grid scintillometer survey, b) location of trenches, anomalous radioactivity and assay samples, and c) location of survey grids on claim outline maps.

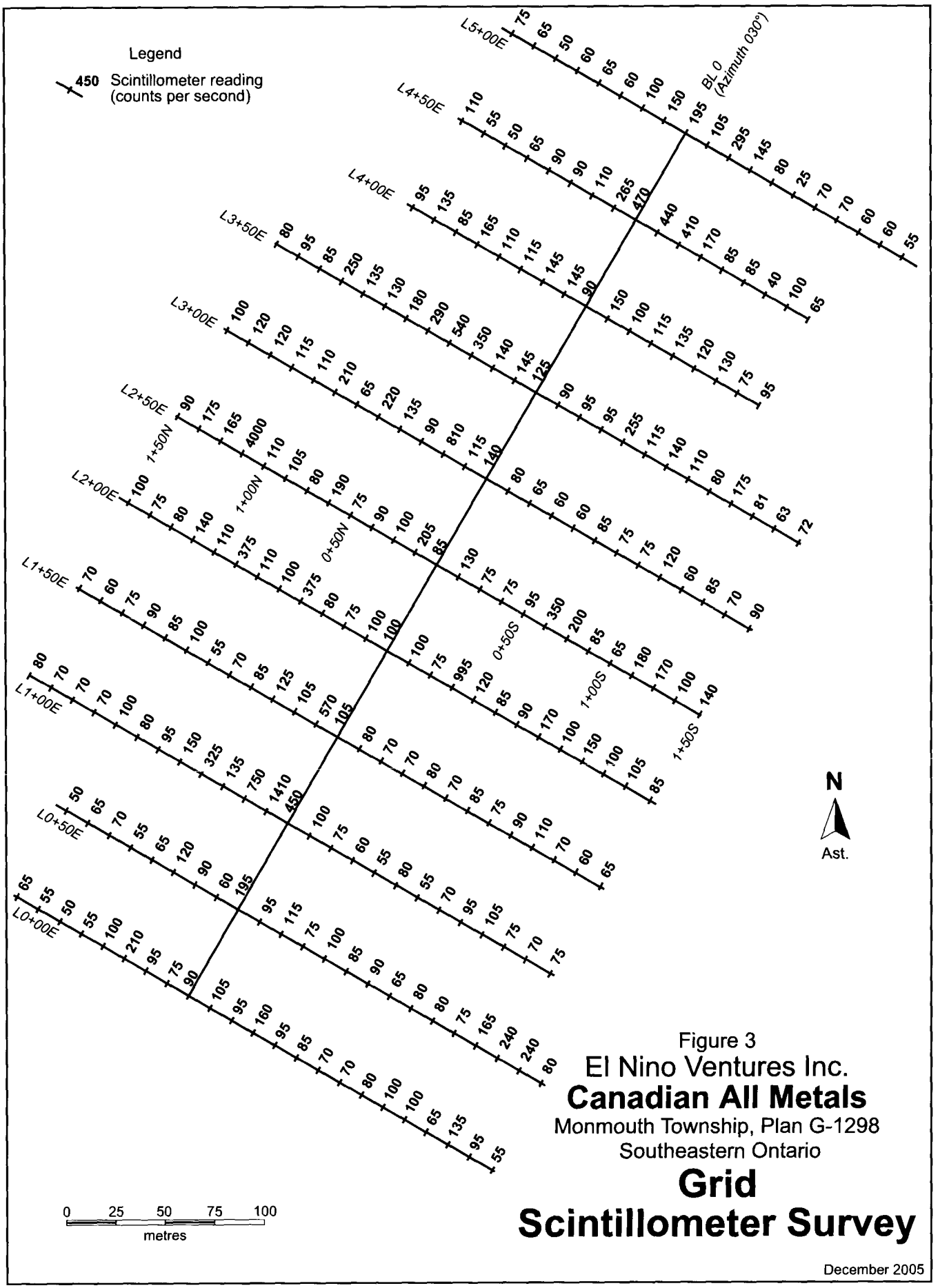


Figure 3

El Nino Ventures Inc.

Canadian All Metals

Monmouth Township, Plan G-1298

Southeastern Ontario

Grid Scintillometer Survey

December 2005

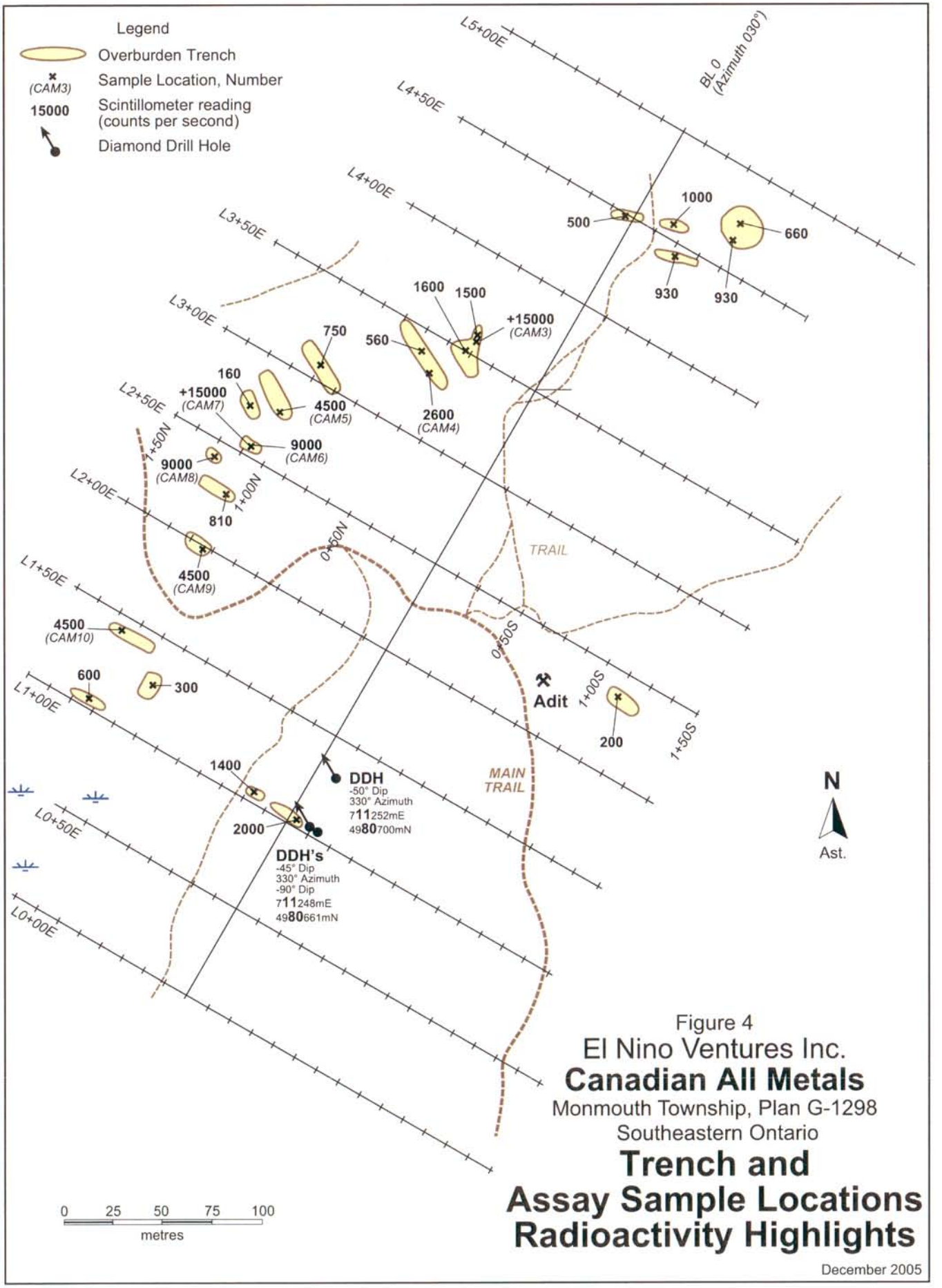


Figure 4

El Nino Ventures Inc.

Canadian All Metals

Monmouth Township, Plan G-1298

Southeastern Ontario

Trench and Assay Sample Locations Radioactivity Highlights

December 2005

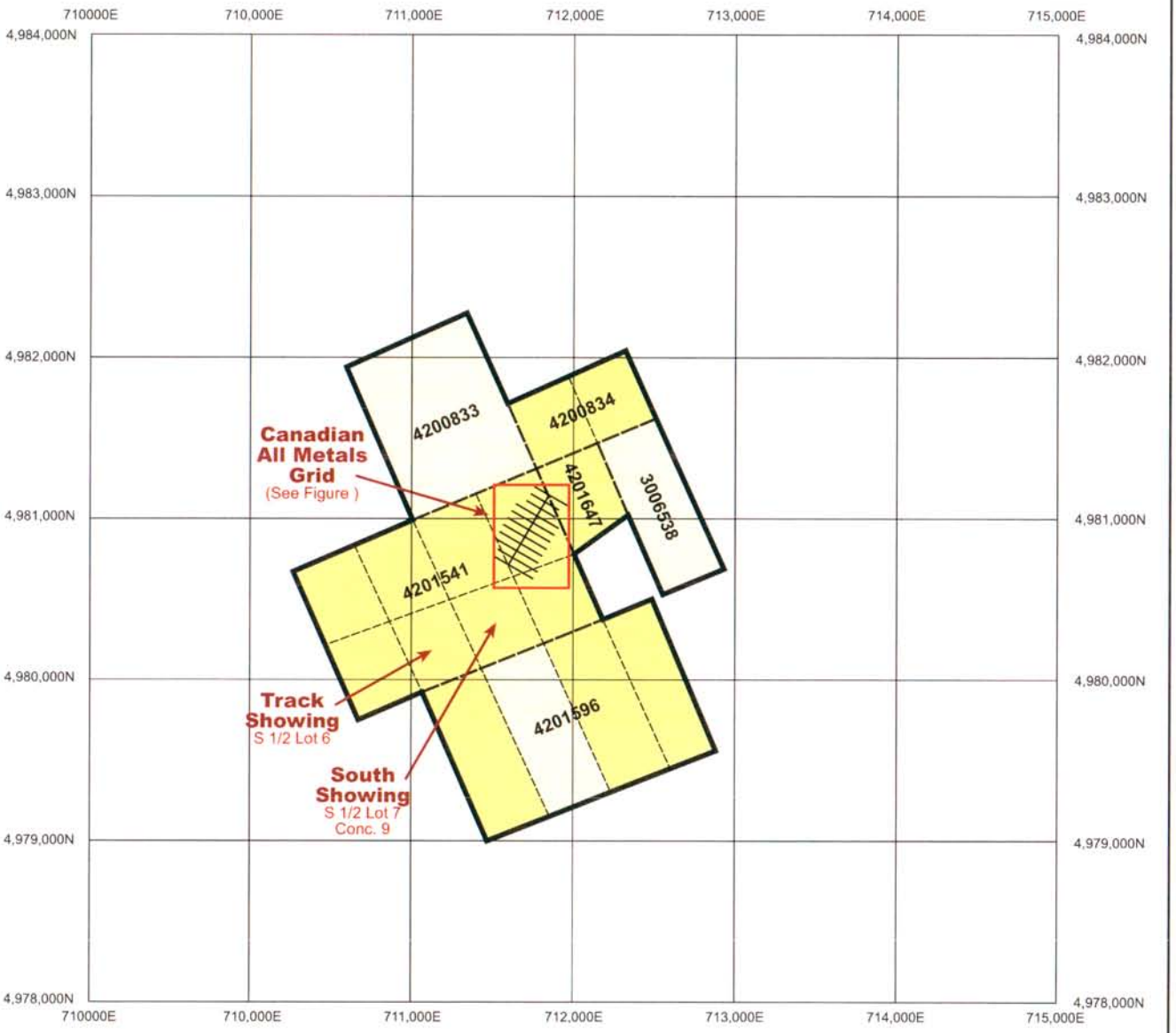


Figure 5

El Nino Ventures Inc.

Canadian All Metals

Monmouth Township, Plan G-1298

Southeastern Ontario

Claim Map

December 2005

Canadian All Metals (CAM) (Figures 3, 4, 5)
The length of grid surveyed was 3.0 km. Background was approximately 70 counts per second (cps). The grid was in open hardwood and outcropping was < 1 percent. Grid scintillometer readings ranged to 4000 cps. Higher readings usually corresponded to overburden trenches. Anomalous readings ranging from 100 to 995 cps however are spread throughout the grid in overburden and are thought to represent local basal till derived from radioactive bedrock. Overburden trenches were previously established within a 400 m x 200 m area between 100E and 500E. Three old drill hole collar casings were located between 100E and 150E drilling NW at 45-50 deg. and vertically. An adit, located at 075S/225E accessed the north side of the grid underground. Two bedrock trenches yielded high anomalous radioactivity (+ 15,000 cps). A sample of bedrock from the first of these at 040N/350E contained an extremely high amount of U308, 3.02 %, with 0.05 % ThO2. Two samples from the second, at110N/250E, each contained high amounts of uranium, 0.22 %, with 0.07 % ThO2. All three of these samples exhibit a strong uraninite response and were comprised of coarse biotite-pyroxene (diopside) skarn. The sample containing 3.02% U3O8 also contained coarse phlogopite mica and limonite. The remaining five samples from the grid ranged from <0.01 to 0.08 % U3O8, and 0.02 to 0.16 % ThO2.

Sample results from all six properties are summarized along with anomalous radioactivity and geological descriptions in the 'Table: Bancroft 6 Properties Assay Results', p._

Canada Radium (CR) (Figures 6, 7, 8)
The length of grid surveyed was 465 m. Background was approximately 150 cps, but this is probably not accurate as the grid encompassed a former shaft and was mainly established over crushed rock from underground. Grid scintillometer readings ranged from 80 to 900 cps with readings over 300 cps exclusively associated with crushed rock. It is not known whether this was a waste dump or ore pile. Anomalous radioactivity with the six rocks sample ranged from 500 to + 15000 cps. U3O8 content ranged from <0.01 to 0.05 %, and ThO2 content from <0.01 to 0.98 %. The + 15000 reading was from an outcrop of dark red augite pegmatite. A sample from this site contained 0.05 % U3O8 and 0.98 % ThO2, a uranothorite response

Empire B (EMB) (Figures 9, 10, 11)
The length of grid surveyed was 2.1 km. Background was approximately 70 cps. The grid has an approximate 20 % bedrock exposure. Bedrock consists of interbedded pegmatite sills up to 2 m in thickness in black and white gneiss and amphibolite . Rocks strike parallel to the baseline and dip 30-50 deg. grid south. Grid scintillometer readings range from 50 to 1200 cps and reflect the large amount of radioactive pegmatite. Five bedrock samples were taken at sites of anomalous radioactivity ranging from 1500 to 5000 cps. U3O8 content ranged from <0.01 – 0.02 %, and ThO2 content from 0.01 – 0.09 %, in pink pegmatites +/- quartz.

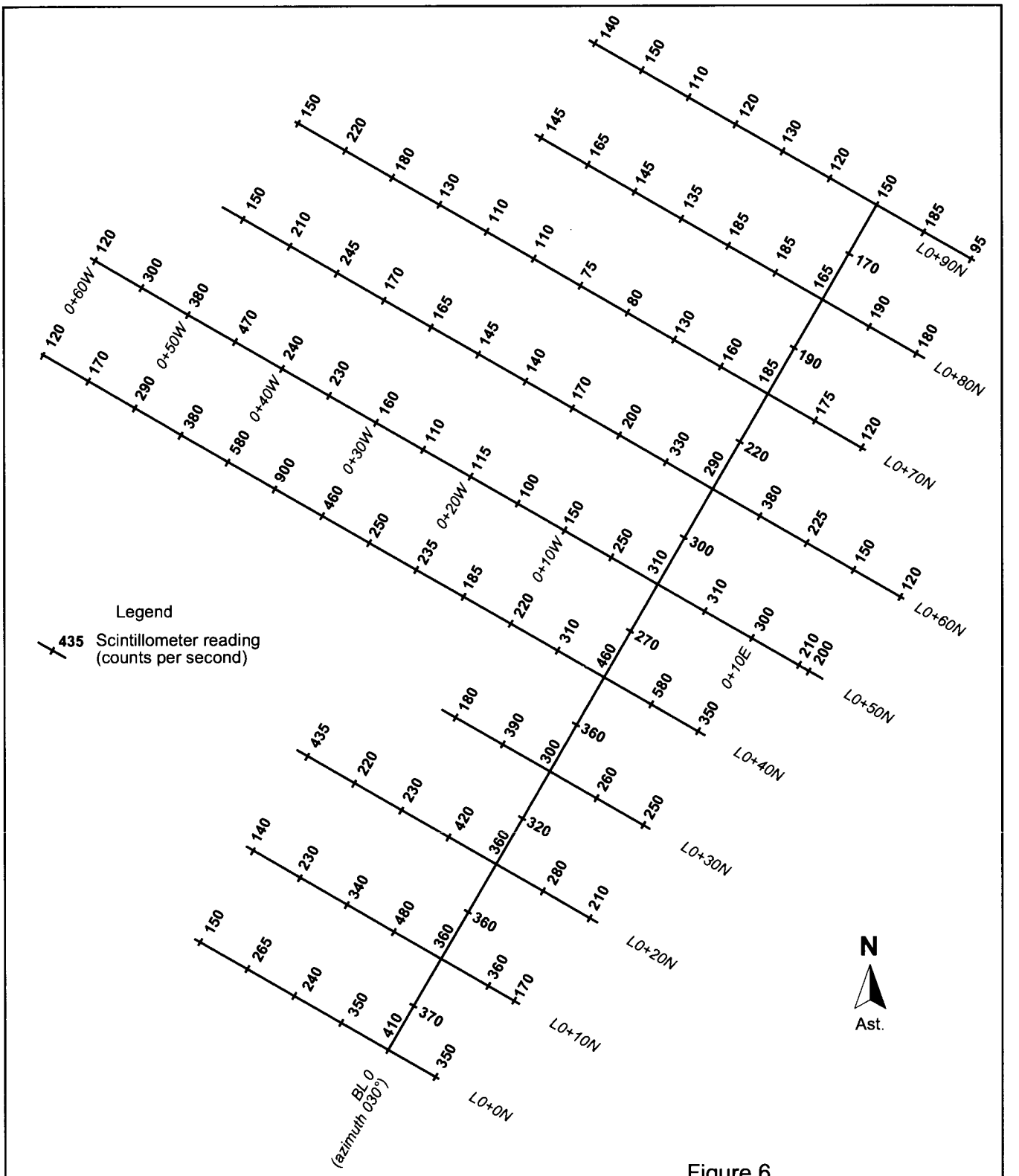


Figure 6

El Nino Ventures Inc.

Canadian Radium

Cardiff Township, North Part, Plan G-3044

Southeastern Ontario

Grid Scintillometer Survey

December 2005

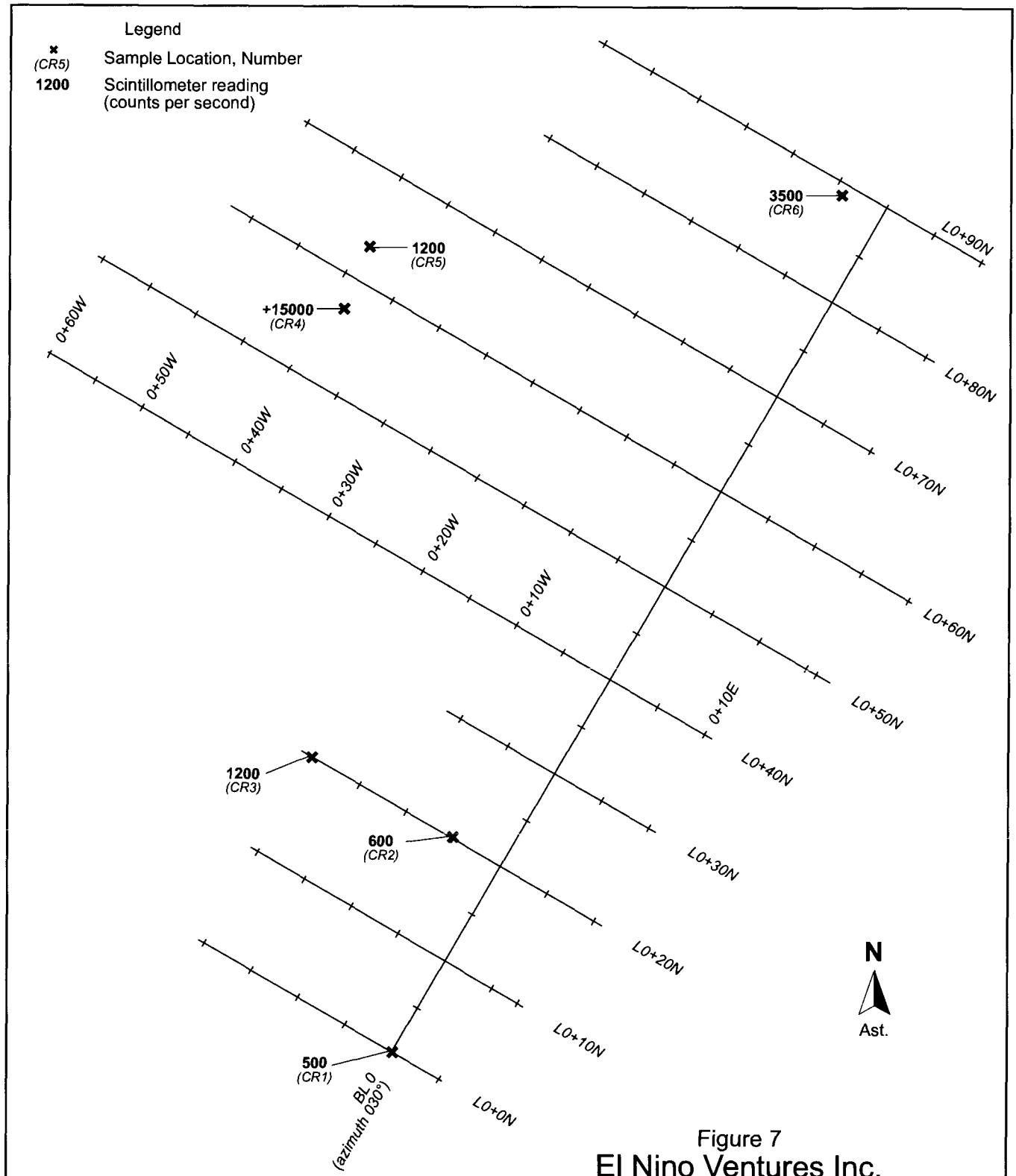


Figure 7

El Nino Ventures Inc.

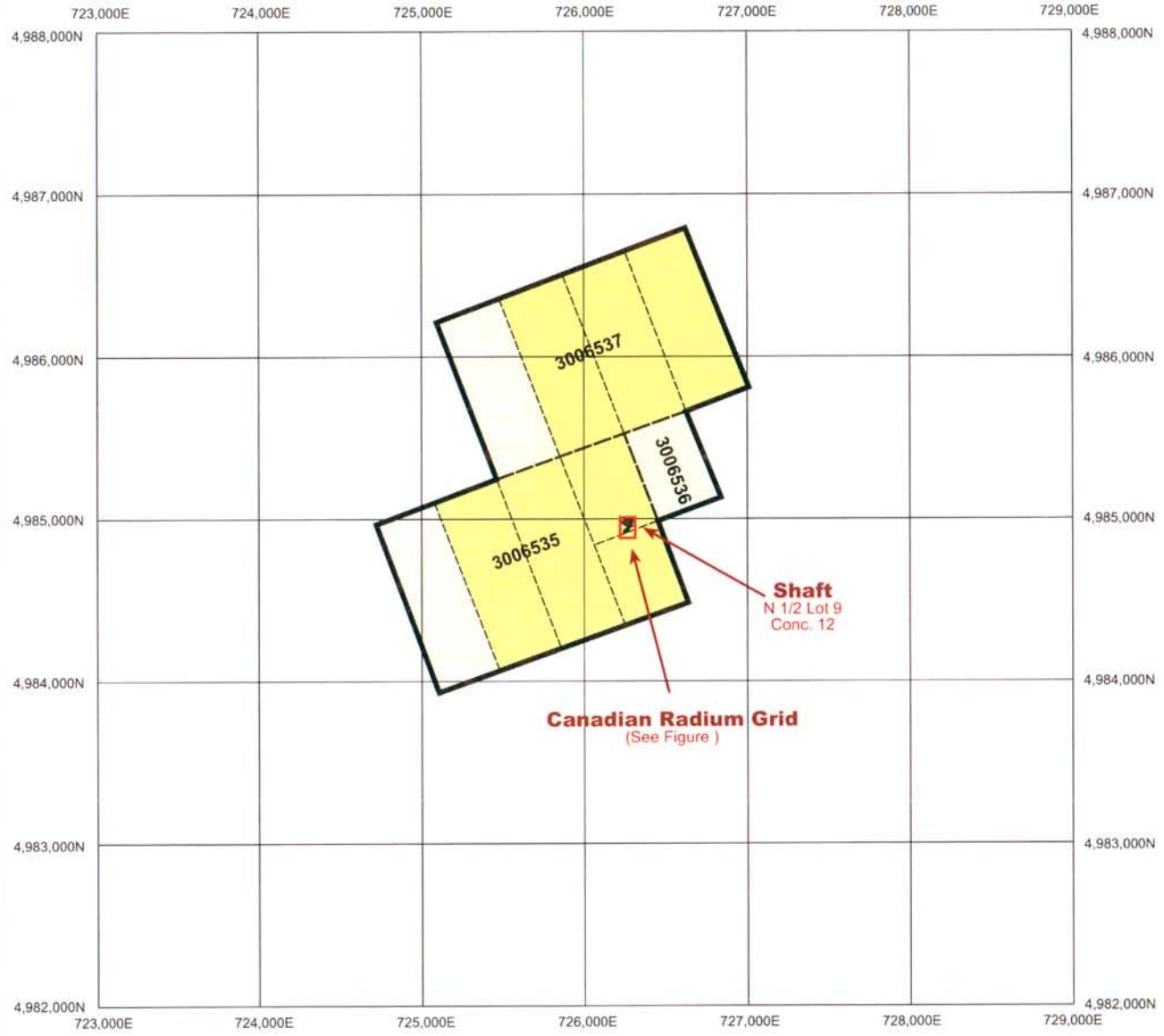
Canadian Radium

Cardiff Township, North Part, Plan G-3044

Southeastern Ontario

Assay Sample Locations
Radioactivity Highlights

December 2005



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metres

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Figure 8

El Nino Ventures Inc.

Canadian Radium

Cardiff Township, North Part, Plan G-3044

Southeastern Ontario

Claim Map

December 2005

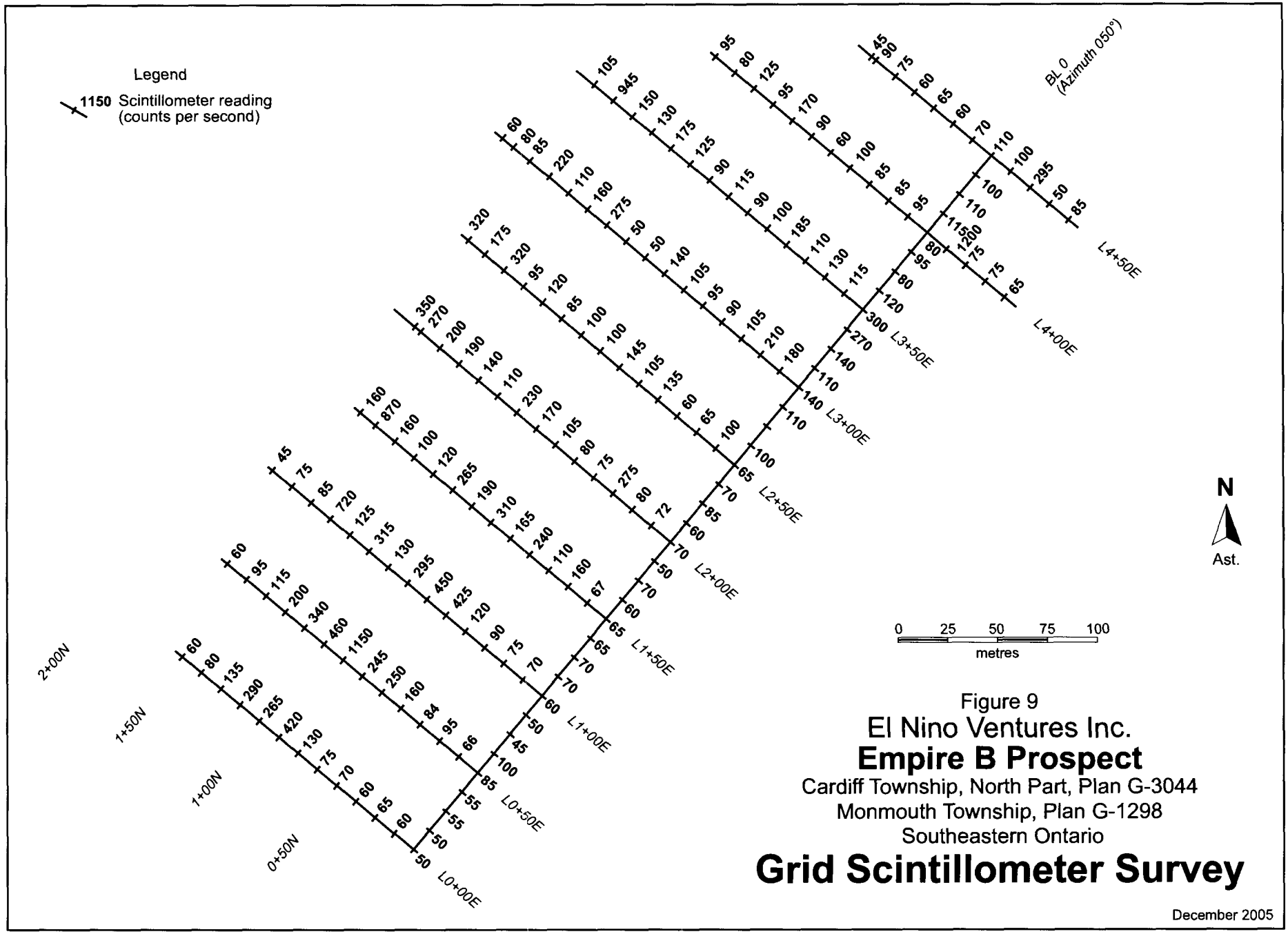


Figure 9

El Nino Ventures Inc.

Empire B Prospect

Cardiff Township, North Part, Plan G-3044

Monmouth Township, Plan G-1298

Southeastern Ontario

Grid Scintillometer Survey

December 2005

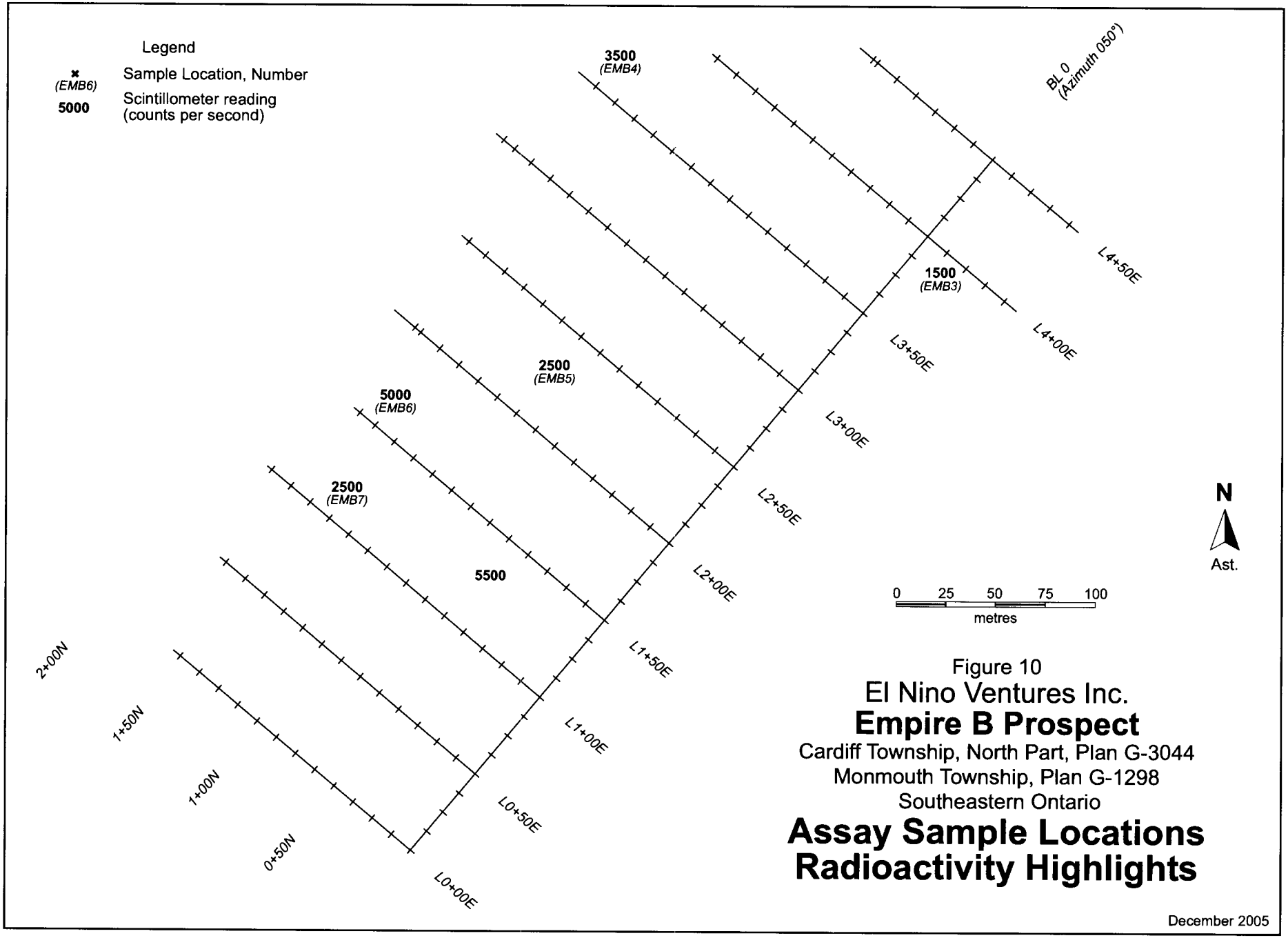


Figure 10

El Nino Ventures Inc.

Empire B Prospect

Cardiff Township, North Part, Plan G-3044

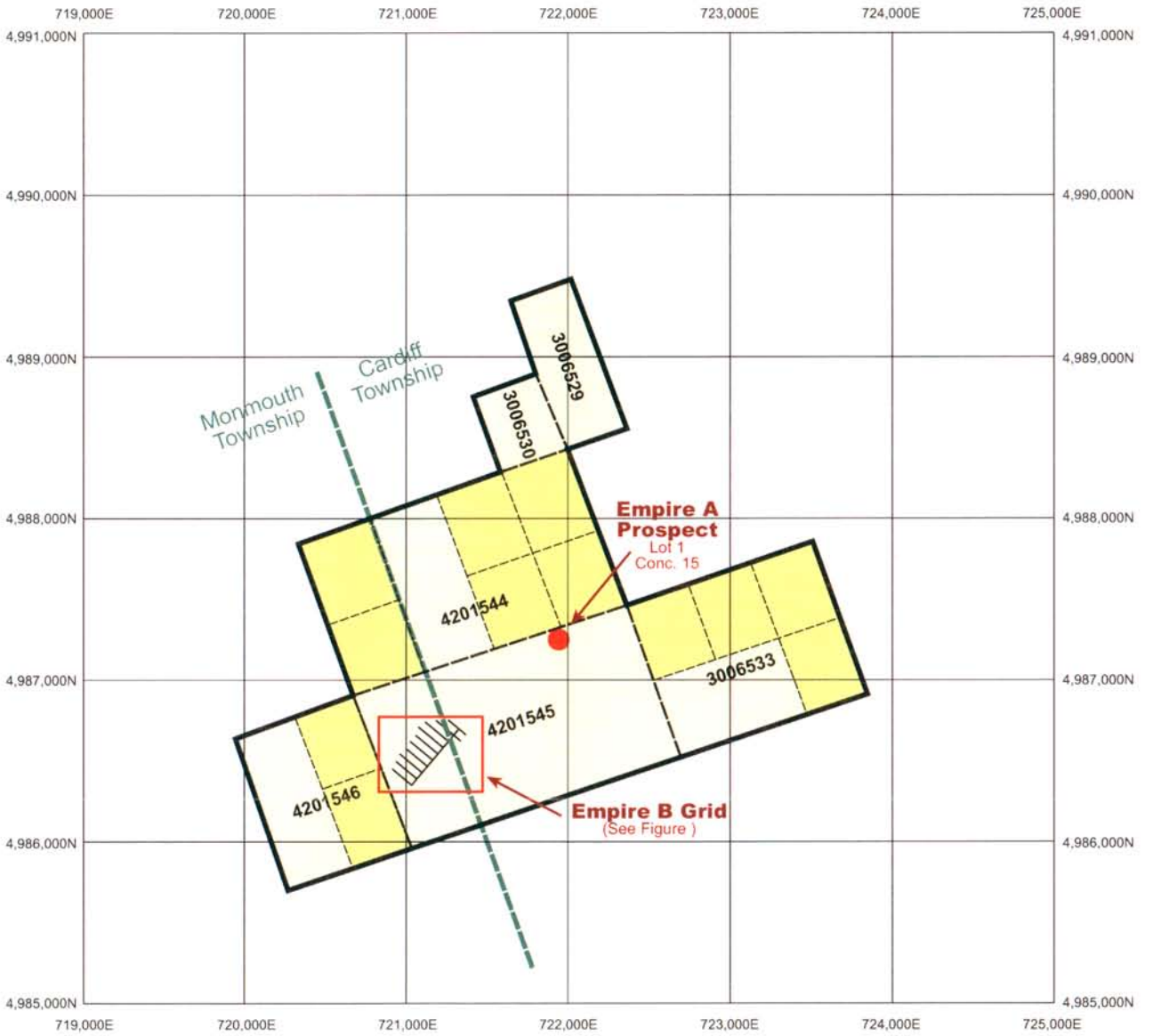
Monmouth Township, Plan G-1298

Southeastern Ontario

Assay Sample Locations

Radioactivity Highlights

December 2005



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metres

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Surface rights only

Figure 11

El Nino Ventures Inc.

Empire B Prospect

Cardiff Township, North Part, Plan G-3044

Monmouth Township, Plan G-1298

Southeastern Ontario

Claim Map

December 2005

McLean-Hogan (MAC) (Figures 12, 13, 14)
The length of grid surveyed was 1.6 km. Background was approximately 45 cps, The grid has an approximate 1% bedrock exposure. Grid scintillometer readings range from 15 to 540 cps. Higher readings are associated with former overburden trenches which expose biotite-pyroxene skarn over an area 250 x 150 m. Seven samples taken for assay range from <0.01 – 0.31 % U3O8 and < 0.01 – 0.06 % ThO2, a uraninite response, in coarse biotite-pyroxene (diopside) skarn.

Saranac (SAR) (Figures 15, 16, 17, 18)
The length of grid surveyed was 2.4 km. Background was approximately 35 cps. Bedrock exposure on the grid is < 1 %. Grid scintillometer readings range from 6 to 930 cps. Most of the readings are less than 100 except in the vicinity of the Saranac East Pegmatite Showing. One day of backhoe excavation of overburden was carried out in an attempt to extend the surface pegmatite body. Unfortunately this effort was unsuccessful, with only a few small lenses of pegmatite being uncovered floating in country rock amphibolite (Figure 17). Anomalous radioactivity in five bedrock samples ranged from 325 to 1950 cps, with U3O8 content from 0.01 – 0.04% and ThO2 content from 0.01 – 0.08%, in coarse to medium-grained pink feldspar-quartz pegmatite or hornblende syenite pegmatite.

Silver Crater Baumhour-Campbell Occurrence (SC) (Figures 19, 20, 21, 22)
The length of grid surveyed , at the Silver Crater # 2 Showing , was 1.4 km. Background was approximately 45 cps. Bedrock exposure on the grid is <1%. An elaborate system of overburden trenches was established to expose radioactively anomalous bedrock (Figure 21). Overburden is generally less than 1 m-thick. Grid scintillometer readings varied from 35 to 850 cps. A number of readings in excess of 100 cps are related to overburden trenches, but others such as 425, 180 and 250 cps at 200N/062.5E, 250N/025E and 300N/062.5E, respectively, have probably detected radioactively anomalous float in shallow overburden. Anomalous radioactivity is widespread in bedrock exposed in overburden trenches, over an area 250 x 125 m between 00N and 250N. Anomalous radioactivity mapped ranges from 600 to + 15000 cps. Nine samples selected for assay ranged from 3500 to + 15000 cps and contained between <0.01 and 0.69 % U3O8, averaging 0.31% U3O8. The thorium content of these nine samples ranged from <0.01 to 3.09% ThO2, a uranothorite response. Five of these samples, occupying an interval of 75 m between 25E and 50W along and south of L150N, contained between 0.37 and 0.69% U3O8 and averaged 0.53% U3O8. These values are considered open off the west side of the grid, under overburden. The higher uranium values are hosted in coarse- to medium-grained dark red to dark green augite syenite pegmatite containing up to 50% augite.

The SC-1 Showing several hundred metres southeast of the SC-2 showing consists of nine trenches excavated in radioactive pink quartz-feldspar pegmatite over an interval of 85 m. A baseline was chained through the trenches, the trenches mapped in and surveyed by scintillometer (Figure 19). Anomalous radioactivity ranged from 500 to 4500 cps. A

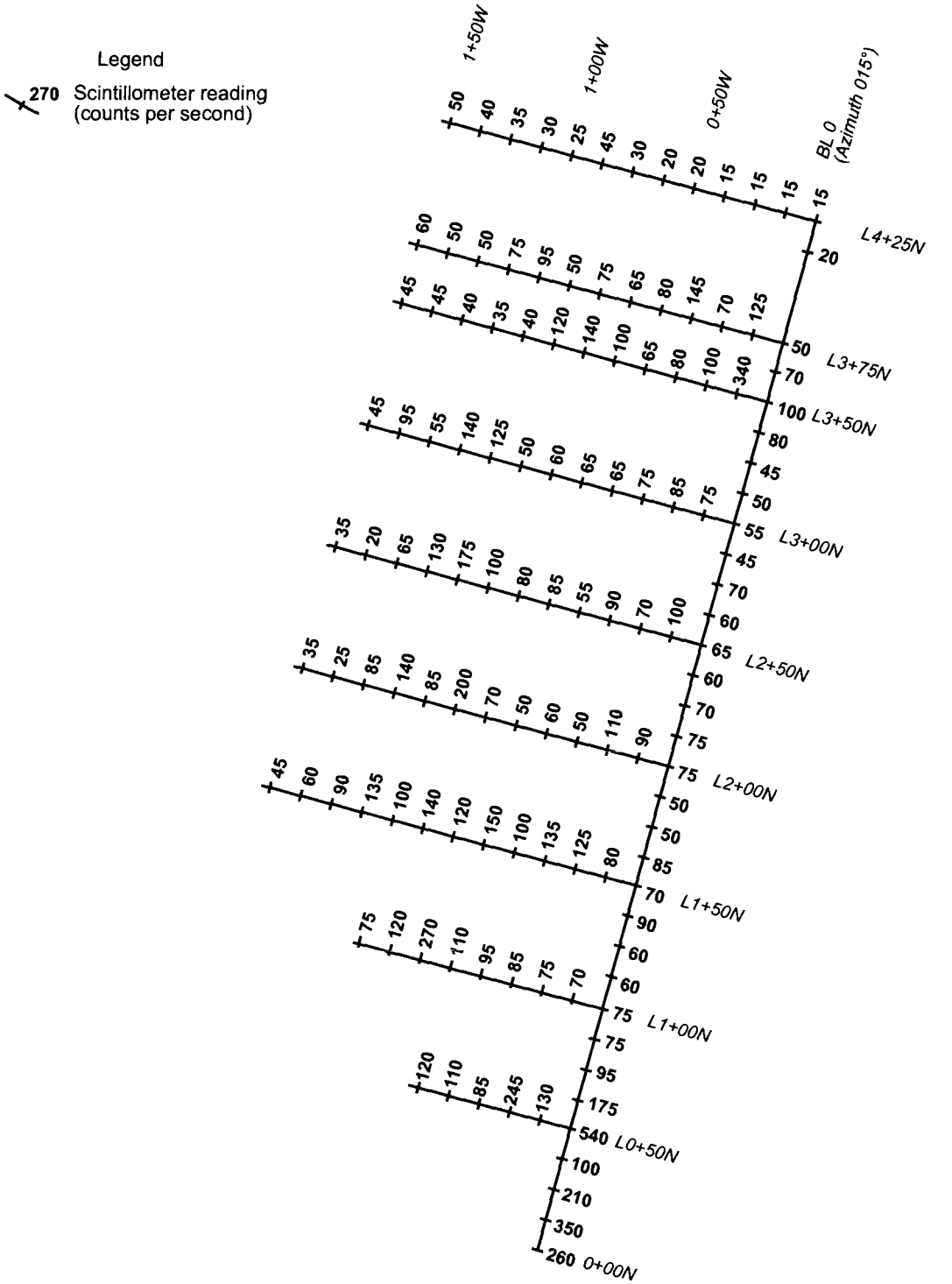

Figure 12

El Nino Ventures Inc.

McClean-Hogan Occurrence

Cardiff Township, North Part, Plan G-3044

Southeastern Ontario

Grid Scintillometer Survey

December 2005

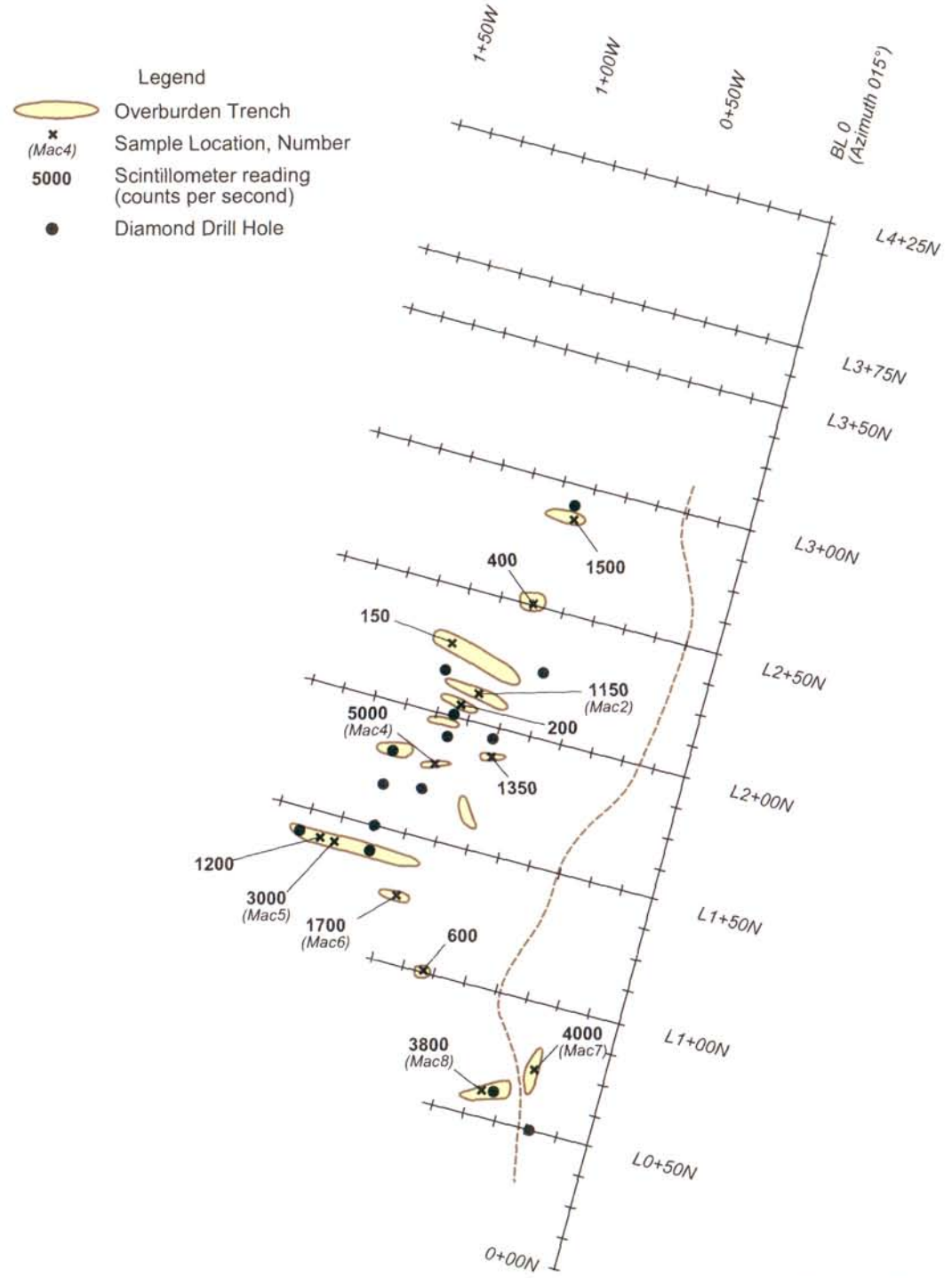

Figure 13

El Nino Ventures Inc.

McClean-Hogan Occurrence

Cardiff Township, North Part, Plan G-3044

Southeastern Ontario

Trench and Assay Sample Locations Radioactivity Highlights

December 2005

N

Scale 1:40,000

0 500 1000 1500 2000

metres

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Figure 14

El Nino Ventures Inc.

McClean-Hogan Occurrence

Cardiff Township, North Part, Plan G-3044

Southeastern Ontario

Claim Map

December 2005

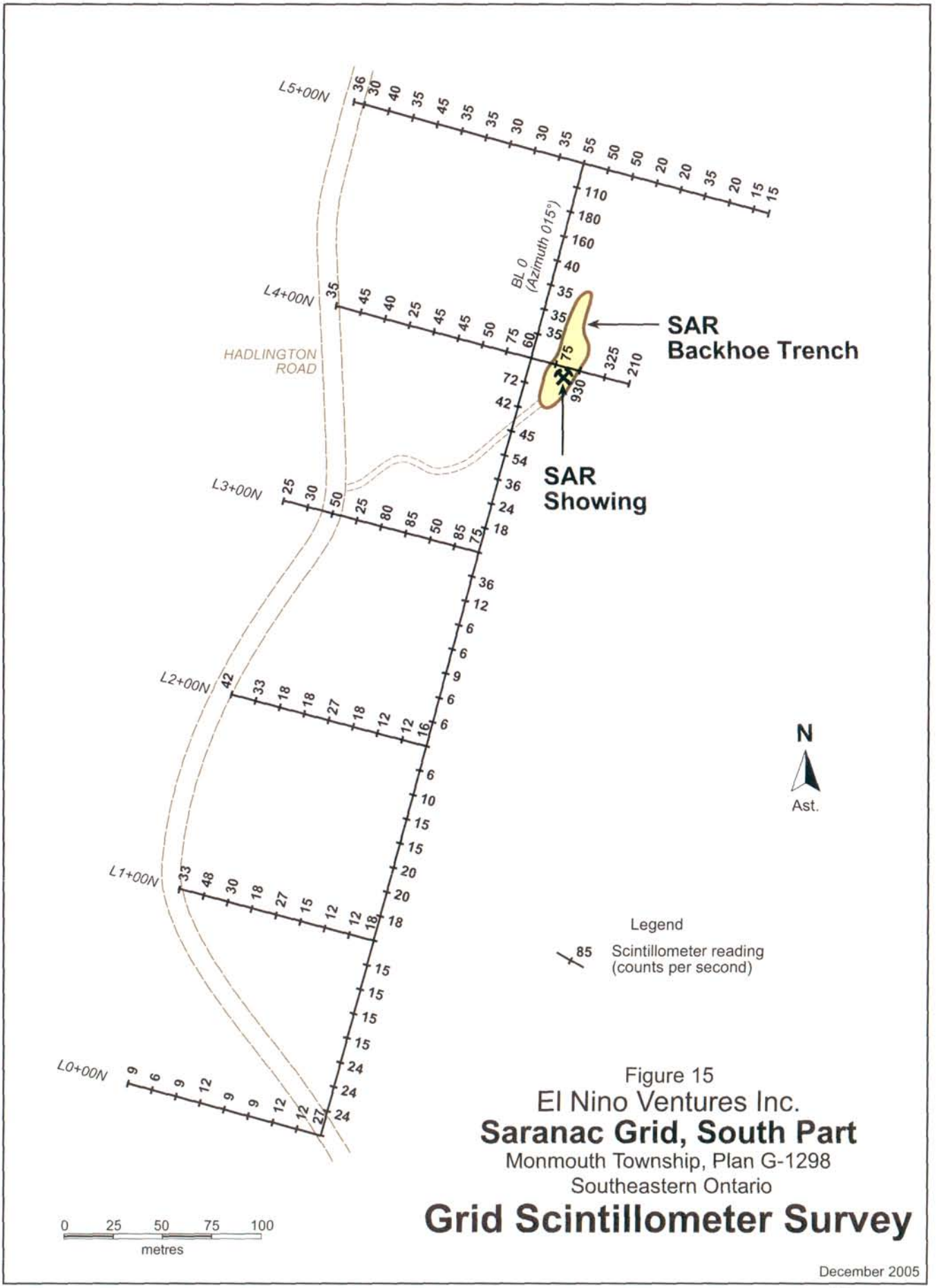


Figure 15

El Nino Ventures Inc.

Saranac Grid, South Part

Monmouth Township, Plan G-1298

Southeastern Ontario

Grid Scintillometer Survey

December 2005

Figure 16

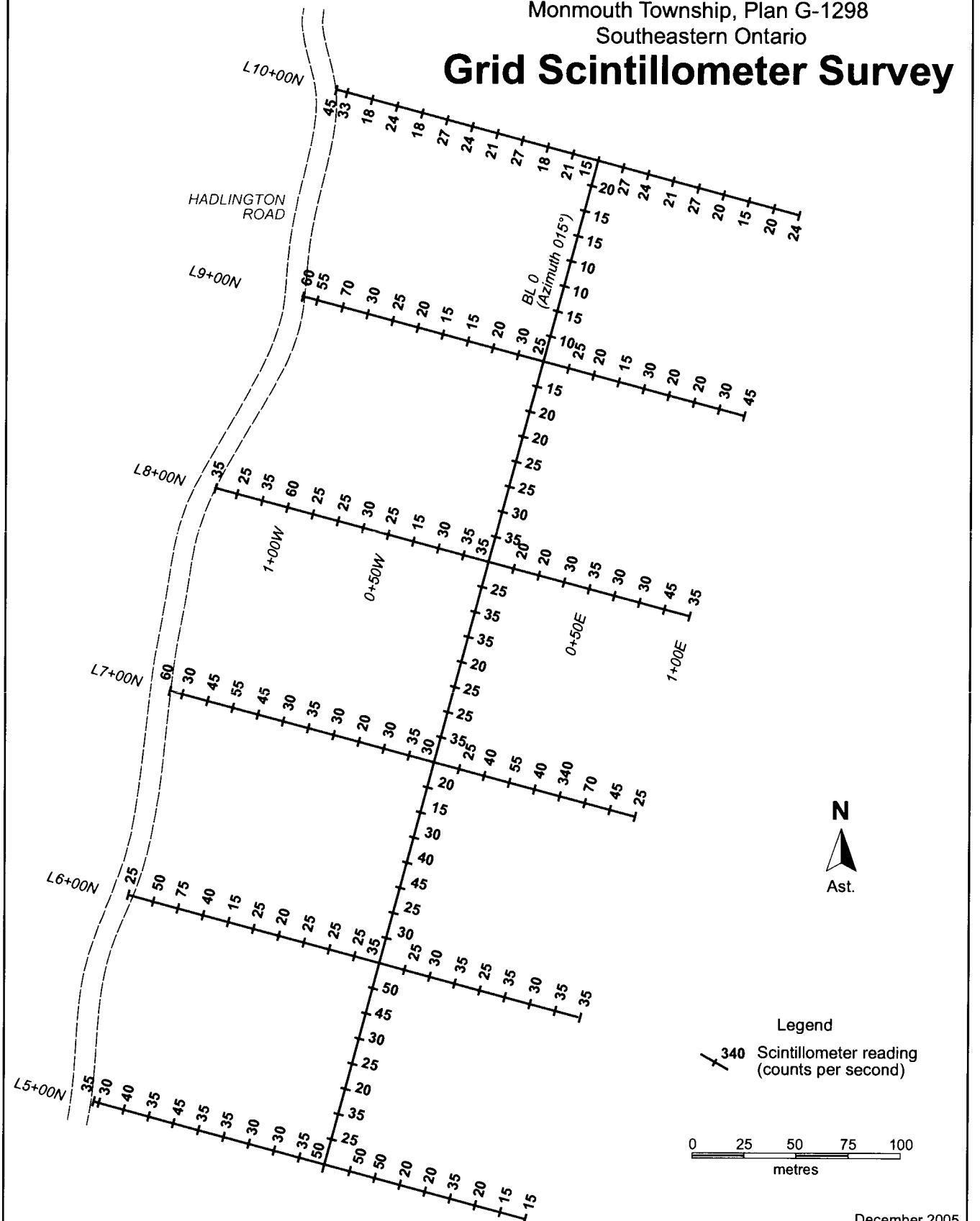
El Nino Ventures Inc.

Saranac Grid, North part

Monmouth Township, Plan G-1298

Southeastern Ontario

Grid Scintillometer Survey



December 2005

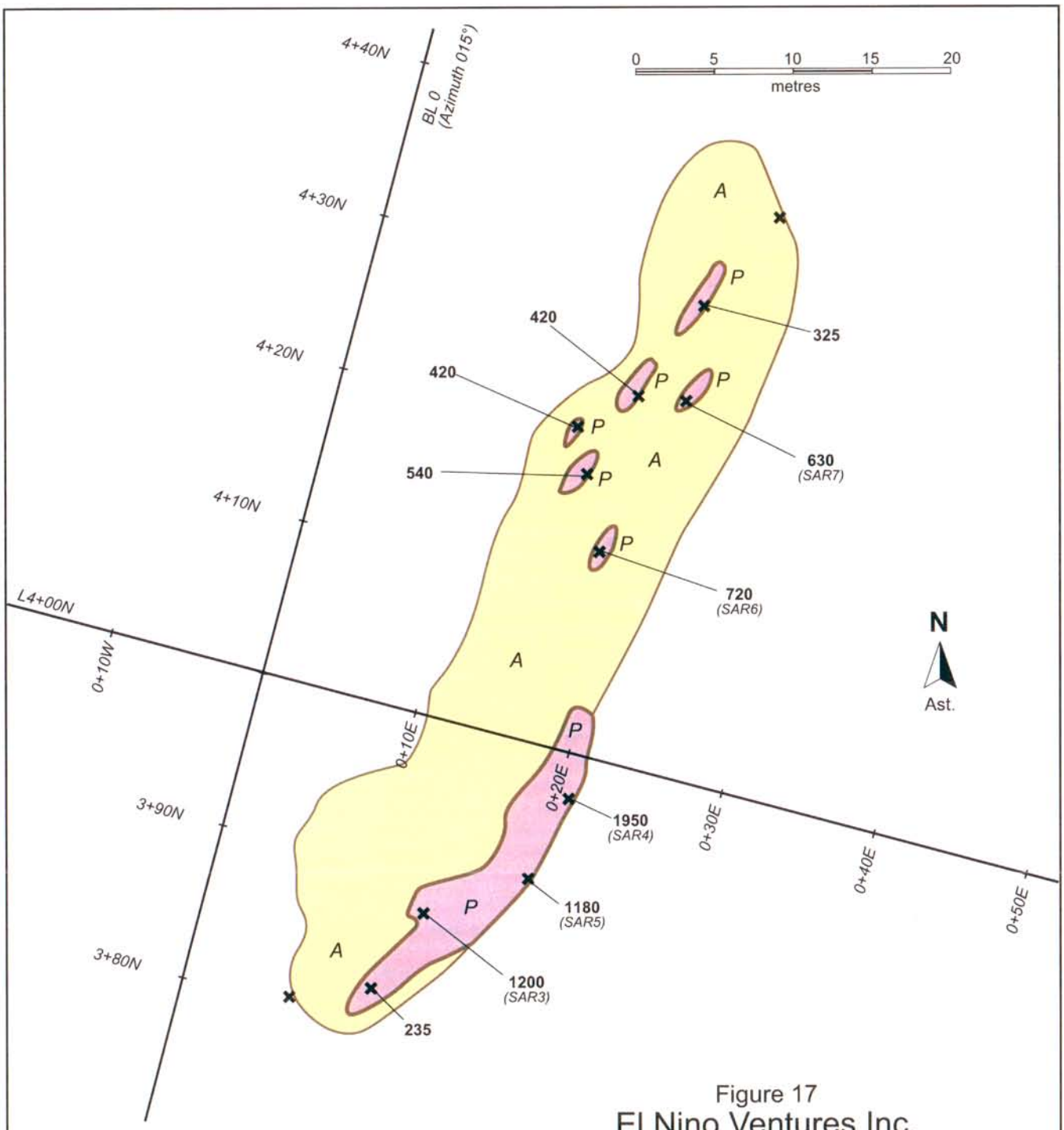


Figure 17

El Nino Ventures Inc.

Saranac Grid
SAR Showing Backhoe Trench
(October 2005)

Monmouth Township, Plan G-1298

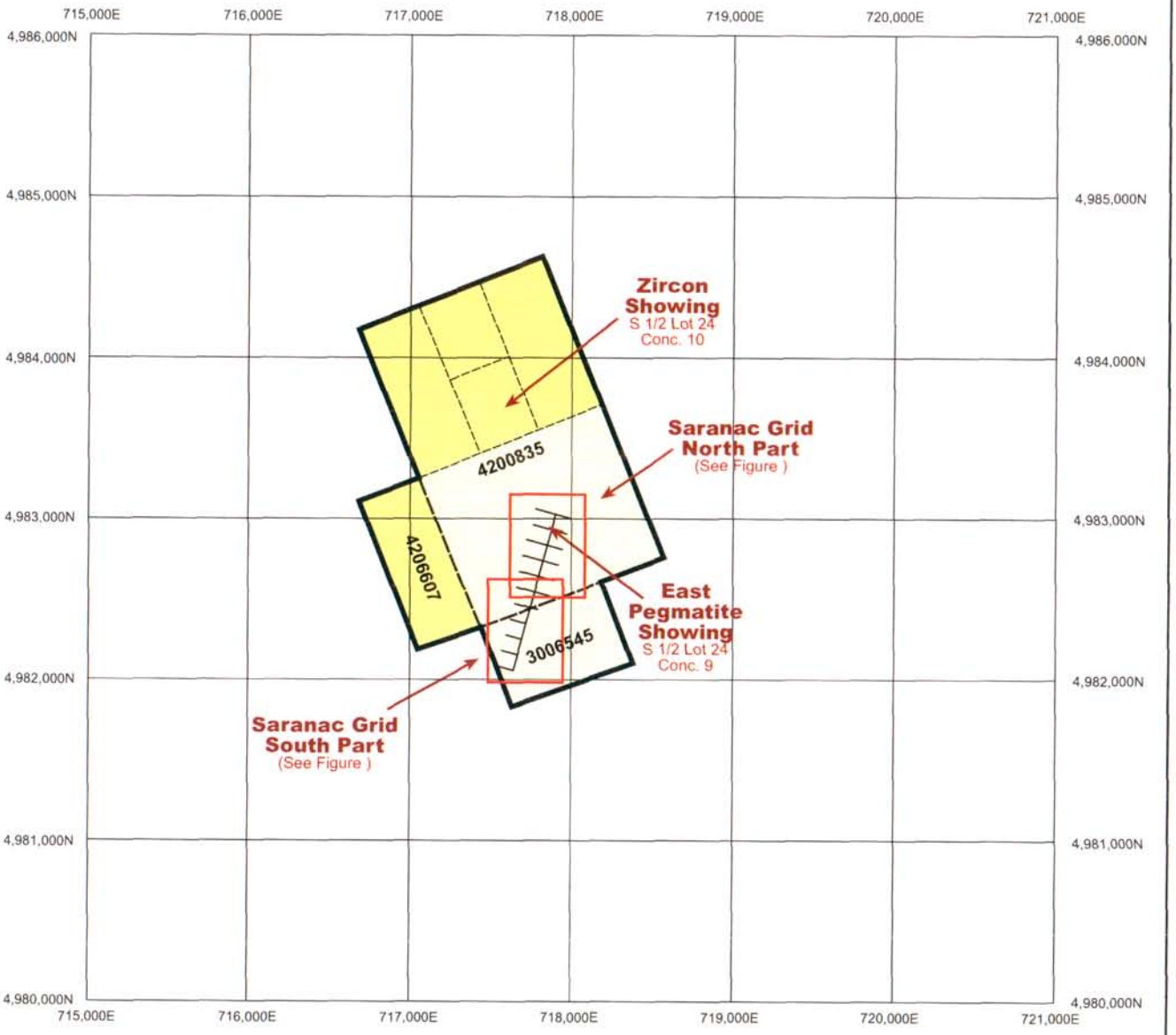
Southeastern Ontario

Geology and Assay Sample Locations Radioactivity Highlights

Legend

- Overburden Trench
- (SAR3) Sample Location, Number
- 1200 Scintillometer reading (counts per second)
- P Pegmatite
- A Amphibolite

December 2005



N

Scale 1:40,000

0 500 1000 1500 2000

metres

Surface rights only

Figure 18

El Nino Ventures Inc.

Saranac Showings

Monmouth Township, Plan G-1298

Southeastern Ontario

Claim Map

December 2005

sample of bedrock coincident with the 4500 cps reading returned 0.01 % U_3O_8 and 0.09% ThO_2, a uranothorite response.

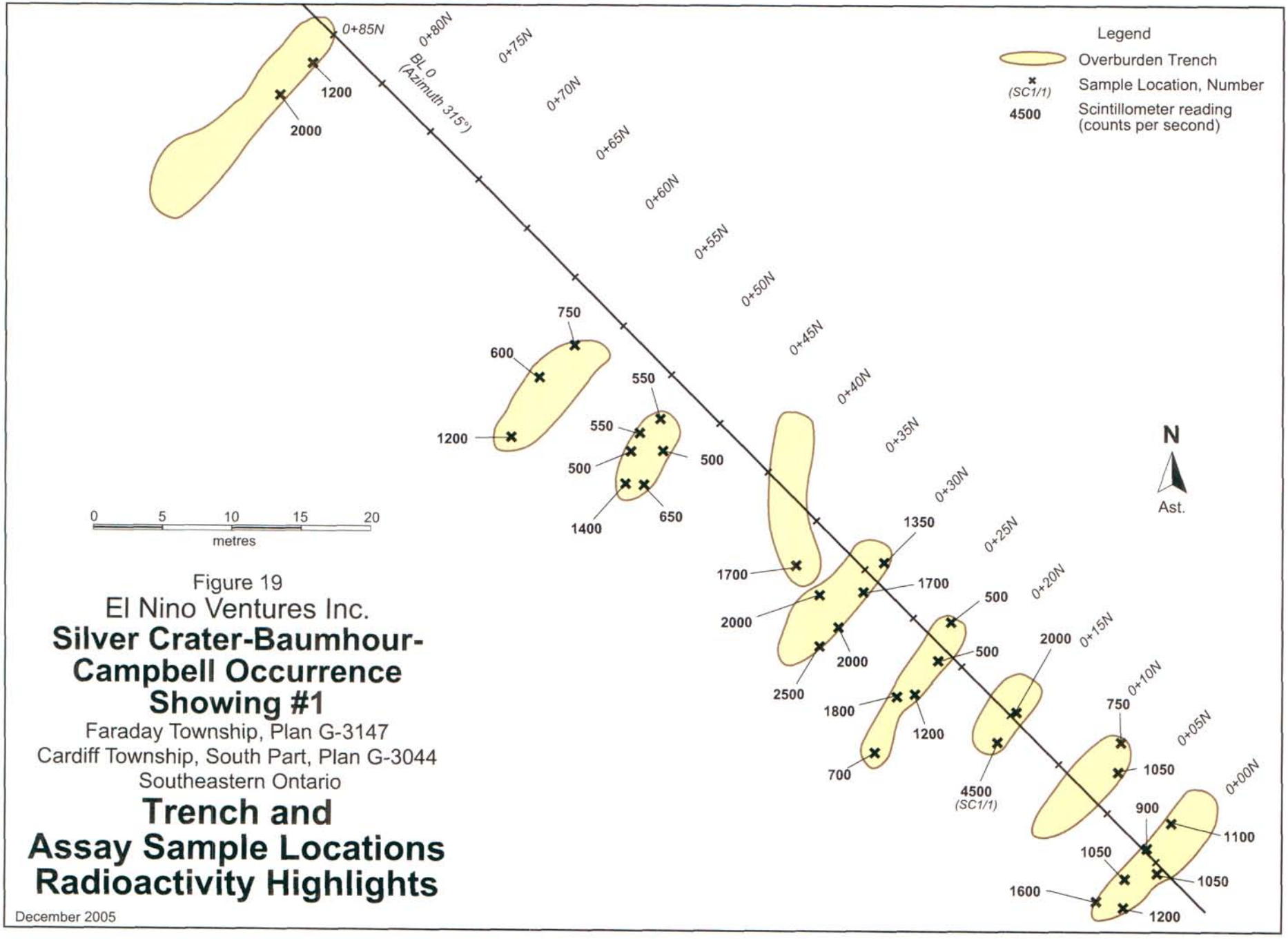


Figure 19

El Nino Ventures Inc.

Silver Crater-Baumhour-Campbell Occurrence Showing #1

Faraday Township, Plan G-3147

Cardiff Township, South Part, Plan G-3044

Southeastern Ontario

Trench and Assay Sample Locations Radioactivity Highlights

December 2005

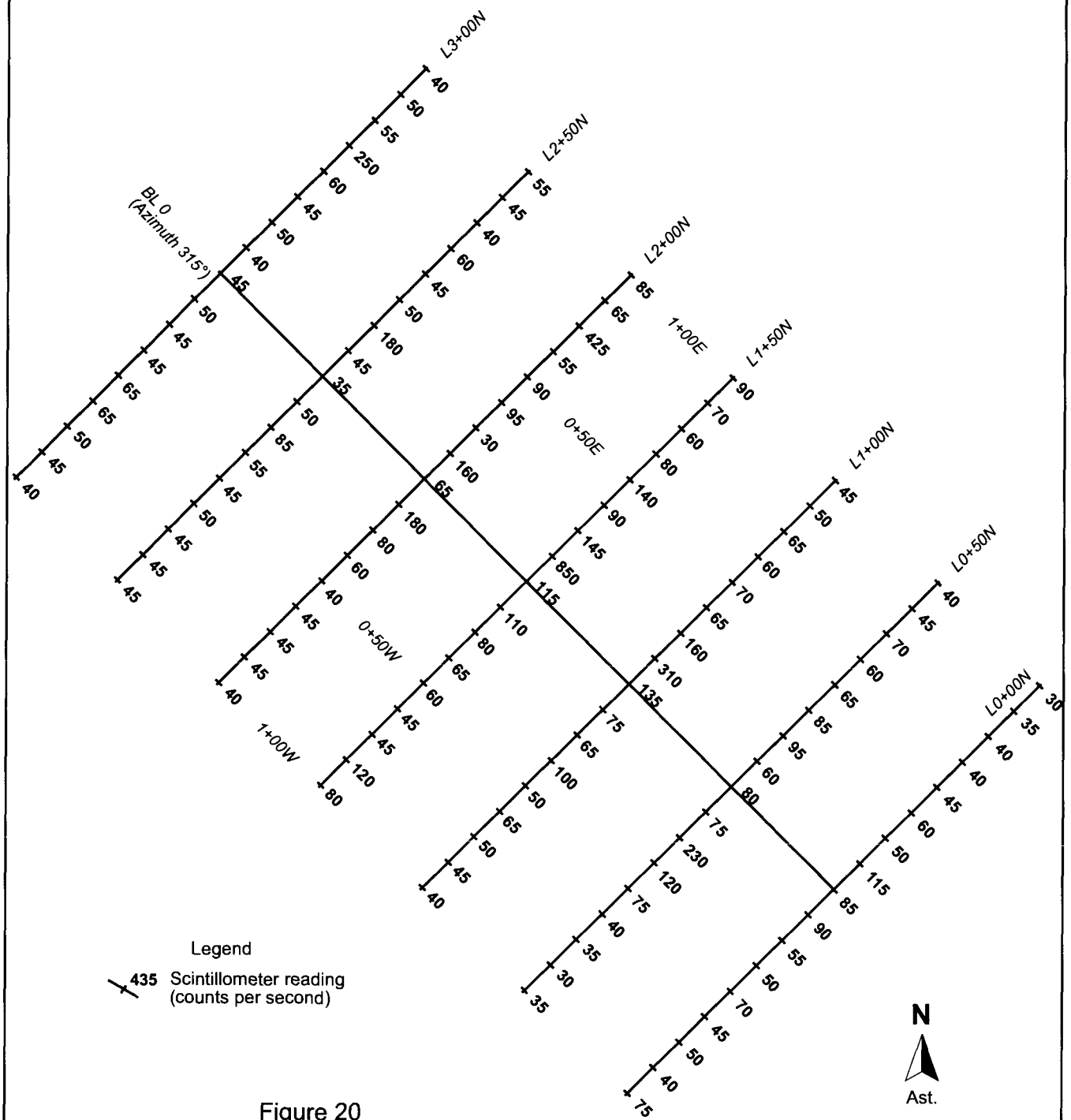


Figure 20

El Nino Ventures Inc.

Silver Crater-Baumhour-Campbell Occurrence Showing #2

Faraday Township, Plan G-3147

Cardiff Township, South Part, Plan G-3044

Southeastern Ontario

Grid Scintillometer Survey

December 2005

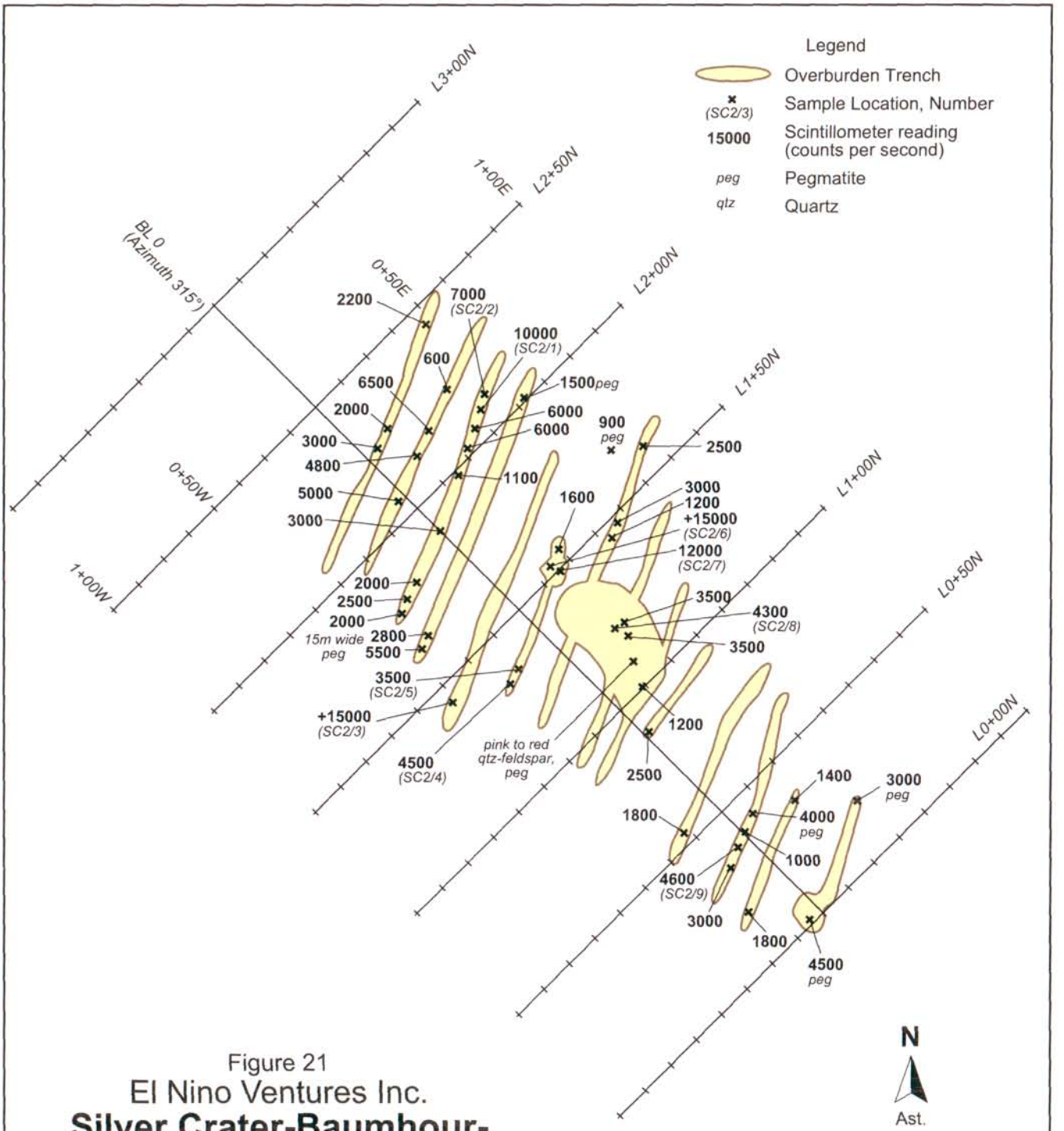


Figure 21

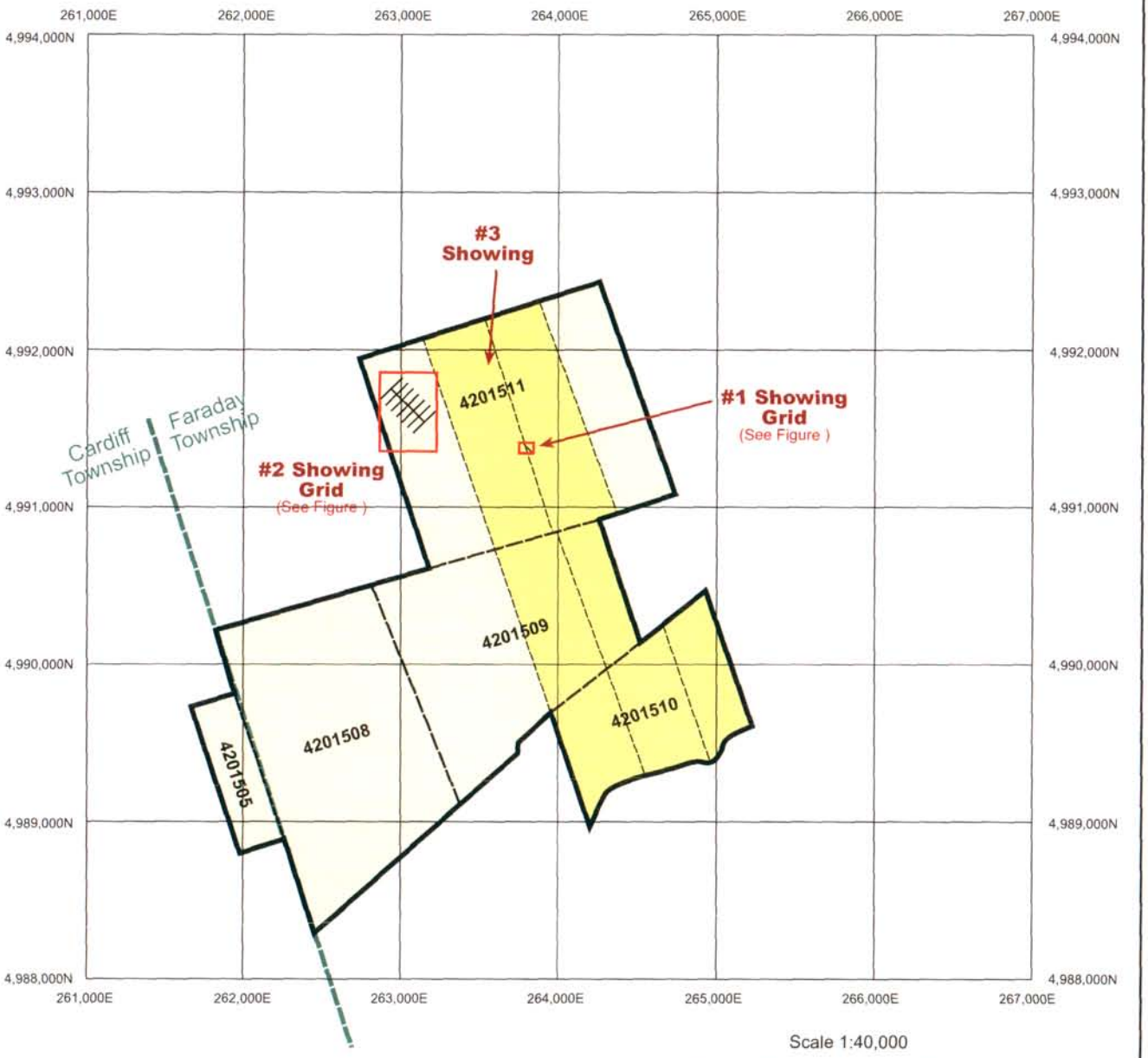
El Nino Ventures Inc.

Silver Crater-Baumhour-Campbell Occurrence Showing #2

Faraday Township, Plan G-3147
Cardiff Township, South Part, Plan G-3044
Southeastern Ontario

Trench and Assay Sample Locations Radioactivity Highlights

December 2005



Scale 1:40,000

0 500 1000 1500 2000

metres

N

Surface rights only

Figure 22

El Nino Ventures Inc.

Silver Crater-Baumhour-Campbell Occurrence

Faraday Township, Plan G-3147

Cardiff Township, South Part, Plan G-3044

Southeastern Ontario

Claim Map

December 2005

Table:Bancroft 6 Properties Assay Results

Sample	ThO2 %	U3O8 %	Scint. cps	Description
CAM 3	0.05	3.02	+ 15K	Coarse mica (phlogopite)-pyroxene pegmatite, limonitic; outcrop; strong uraninite response
CAM 4	0.16	0.06	2600	Medium-grained augite-calcite skarn
CAM 5	0.08	<0.01	4500	Medium-grained pink-green calcite-diopside skarn
CAM 6	0.07	0.22	9000	Coarse mica (biotite) tremolite diopside skarn; uraninite response
CAM 7	0.07	0.22	+ 15K	Bedrock trench; pink-white calcite-diopside skarn; chip sample 1 m. uraninite response
CAM 8	0.05	0.07	9000	Coarse white calcite skarn
CAM 9	0.05	0.08	4500	White-pink calcite skarn
CAM 10	0.02	0.03	4500	White-green calcite-diopside skarn; outcrop
CR 1	<0.01	<0.01	500	Pink augite pegmatite; epidote
CR 2	0.05	<0.01	600	Coarse dark red augite syenite
CR 3	0.03	<0.01	1200	Fine red sand; milled tailings
CR 4	0.98	0.05	+ 15K	Coarse dark red augite pegmatite; strong uranothorite response
CR 5	0.04	<0.01	1200	Coarse pink pegmatite
CR 6	0.14	0.04	3500	augite syenite pegmatite
EMB 3	0.03	0.01	1500	Pink pegmatite 2 m-thick interbedded with grey gneiss
EMB 4	0.06	<0.01	3500	Pink pegmatite 1 m-thick
EMB 5	0.09	0.02	2500	Coarse pink pegmatite, dark patches
EMB 6	0.02	0.01	5000	Coarse pink pegmatite, dark patches
EMB 7	0.01	<0.01	2500	Pink pegmatite, quartz, dark fragments
MAC 2	0.01	0.02	1150	Micaceous, limonitic marble skarn
MAC 3	<0.01	<0.01	1700	Micaceous diopside skarn
MAC4	0.06	0.31	12000	Heavy biotite green diopside skarn; uraninite response
MAC 5	0.02	0.12	4000	Coarse biotite green pyroxene skarn; uraninite response
MAC 6	0.01	0.08	6000	Coarse biotite marble skarn
MAC 7	<0.01	<0.01	4000	Biotite pyroxene skarn
MAC 8	0.01	0.06	3500	Coarse biotite pyroxene skarn

Table: Bancroft 6 Properties Assay Results (cont'd.)

Sample	ThO2 %	U3O8 %	Scint. cps	Description
SAR 3	0.02	0.01	1200	Coarse-grained dark pink quartz-feldspar pegmatite
SAR 4	0.04	0.03	1950	Coarse pink feldspar-quartz pegmatite
SAR 5	0.08	0.04	1180	Dark pink medium-grained feldspar-quartz pegmatite
SAR 6	0.04	0.03	720	Medium to coarse-grained dark pink to dark red hornblende syenite Table: pegmatite
SAR 7	0.01	0.01	630	Coarse graphic dark pink feldspar-quartz pegmatite
SC1-1	0.09	0.01	4500	Medium to coarse-grained dark pink augite syenite pegmatite; uranothorite response
SC2-1	<0.01	<0.01	10000	Coarse dark grey to pink quartz-feldspar pegmatite
SC2-2	0.10	0.02	7000	Coarse augite syenite; 50% dark
SC2-3	<0.01	0.55	+ 15K	Coarse –grained dark red augite syenite pegmatite; limonitic; strong uraninite response
SC2-4	2.81	0.69	4500	Medium-grained dark green augite syenite; small flat slab in basal till; limonitic; strong uranothorite response
SC2-5	1.99	0.66	3500	As SC2-4 above; 5 m to west; strong uranothorite response
SC2-6	2.54	0.40	+ 15K	Coarse-grained dark pink augite (50%) syenite; strong uranothorite response
SC2-7	3.09	0.37	12000	Fine-grained weathered dark red augite pegmatite; strong uranothorite response
SC2-8	0.80	0.04	4300	Coarse-grained dark red augite syenite; uranothorite response
SC2-9	0.56	0.07	4500	Medium to coarse-grained dark pink augite syenite; uranothorite response

CAM=Canadian All Metals CR = Canada Radium EMB=Empire 'B'
MAC= Maclean Hogan SAR =Saranac SC1=Silver Crater #1 Showing
SC2=Silver Crater #2 Showing

Conclusions and Recommendations

1. Significant uranium results were obtained from bedrock samples from three of the six properties tested in the current exploration program, particularly the 3.02% U3O8 from Canadian All Metals and the 0.31% average U3O8 from nine samples from the Silver Crater Baumhour-Campbell Occurrence and the five-sample high grade zone averaging 0.53% U3O8 from the same property, as well as a 0.31% U3O8 result from the McLean-Hogan grid.
2. The trenches from the three properties should be cleaned out with a backhoe and the geology mapped. Detailed radiometric surveying should be conducted and detailed saw cutting sampling undertaken along the trenches. Samples generated should be analyzed for uranium and thorium by the XRF method.
3. The properties have all been drilled before, but there is no record of the extent or location of this work. There is also no record of high grade mineralization such as obtained on the Canadian All Metals and Silver Crater # 2 Showing during the present program. The high grade areas on all three properties should be tested with vertical percussion drill holes and sampling of radioactive cuttings, initially in the vicinity of the high grade mineralization and then stepped out on a 25-m square grid to test the radioactive zones on the grids. This would involve the drilling of approximately 90 holes 15m in length Contingent on successful results a follow up diamond drilling program would be implemented to outline zones of economic potential.

Recommended Budget

	$
Phase I	
Backhoe stripping and cleaning	30,000
1350 metres percussion drilling @ $50.00	67,500
Saw cut trench sampling	20,000
Assaying saw cut and percussion samples	6,000
Geological mapping	5,500
Food and accommodation	8,000
Rental equipment	5,000
Supervision and reporting	8,000
	$150,000
Phase II	
Follow up diamond drilling program	
3000 metres @ $100.00 all inclusive	$300,000

REFERENCES

1) Sixty-Fifth Annual Report of the Ontario Department of Mines being Vol. LXV, Part 6, 1956-Radioactive Mineral Occurrences in the Bancroft Area by J. Satterly
2) Ontario Geological Survey Open File Report 5311-Uranium and Thorium Deposits of Southern Ontario by J.B. Gordon, U.C. Rybak and J.A. Robertson. 1981.
3) Report on Halo Property. Private report for Amalgamated Rare Earth Mines Limited by A.S. Bayne and Company, Consulting Engineers, Toronto, Canada. February 19, 1968.
4) Report On Rare Earth Mining Property. Private report for Amalgamated Rare Earth Mines Limited by A.S. Bayne and Company, Consulting Engineers, Toronto, Canada. January 31, 1968.
5) MNDM Tweed Cardiff File #6-ConXII, Lot A; XIII, Lot 4; XV Lots A, 2; XVI, Lot A: Geology, Empire Oil and Minerals Inc. 1955
6) MNDM Tweed Cardiff File #25-Con XVIII, Lot N1/2 4. Halo Uranium Mines Limited 1955 diamond drilling.
7) MNDM Tweed Cardiff File #26-Con XVI, Lot 5. Halo Uranium Mines Limited 1956 diamond drilling.
8) MNDM Tweed Cardiff File #27-Con XVIII N1/2 Lot 6. Halo Uranium Mines Limited 1955 diamond drilling.
9) MNDM Tweed Cardiff File #37-Con XII, Lot 9 Canada Radium Mines Limited 1955 diamond drilling.
10) MNDM Tweed Cardiff File #39-Con XVIII, Lots 4,5 Amalgamated Rare Earth Mines Limited 1968 diamond drilling.
11) MNDM Tweed Cardiff File #58-Con XV-XVIII, Lots 2-9 Amalgamated Rare Earth Mines Limited 1971.
12) MNDM Tweed Cardiff File #89-Con XV, N1/2 Lots 1, 2 Empire Oil and Minerals Inc. 1969 diamond drilling.
13) MNDM Tweed Cardiff File #112-Con XII, Lots 6-10; Con XIII, Lots 7,8 Canada Radium Corp. 1957 diamond drilling.
14) MNDM Tweed Cardiff File #139-Con XV-XVIII, Part Lots 2-9 Amalgamated Rare Earth Mines Limited 1974 report
15) MNDM Tweed Cardiff File # 145-Con XIX, S1/2 Lot 8 Hogan, E.T. Canadian Nickel Company Limited 1975 diamond drilling.
16) MNDM Tweed Cardiff File # 148-Con XXI, S1/2 Lot 11 Hogan, E.T. 1975 diamond drilling.
17) MNDM Tweed Monmouth File #8-Con XI, N1/2 Lot 35 Empire Oil and Minerals Inc. 1955 diamond drilling.
18) MNDM Tweed Monmouth File #18-Con IX, S11/2 Lot 23 Saranac Uranium Mines Limited 1956 diamond drilling
19) MNDM Tweed Monmouth File #24-Con VI, N1/2 Lot 19 Blue Rock Cerium Mines Limited 1971 diamond drilling.

20) MNDM Tweed Monmouth File #25-Con IX, Lots 5-8 Canadian All Metals Exploration Limited 1971 diamond drilling.
21) MNDM Tweed Monmouth File #32-Con X, S1/2 Lots 23, 24 Saranac Uranium Mines Limited 1971 diamond drilling.
22) MNDM Tweed Monmouth File #40-Con IX, Lots 5-9 Canadian all Metals Exploration Limited 1955 mechanical stripping
23) MNDM Tweed Monmouth File #47-Con VIII-X, Lots23-26; Con X, XI, Lot 25 Saranac Uranium Mines Limited trenching, mechanical stripping.
24) MNDM Tweed Monmouth File #49-Con XI, Lot 35 Empire Oil and Minerals Inc. 1955 diamond drilling.
25) MNDM Tweed Monmouth File #56-Con IX, S1/2 Lot 23, 24 Imperial Oil Limited 1974 diamond drilling.
26) MNDM Tweed Monmouth File #144- Various locations Monmouth Twp. Imperial Oil Limited 1974 diamond drilling.
27) MNDM Tweed Faraday File #18-Con XV, N1/2 Lot 27 Silver Crater Mines Limited 1970 diamond drilling.
28) MNDM Tweed Faraday File #19-Con XV N1/2 Lots 29,30 Campbell, Robert 1970 diamond drilling.

Qualifications

I, Timothy J. Beesley, am a geologist and professional Engineer. I reside at 11 Arcadian Circle, Toronto, Ontario M8W 2Z1. I am a graduate of the University of Toronto with a B.A.Sc. in Applied Geology and of the University of Colorado with an M.S. in Geology and have been practicing my profession continuously for over 30 years.

APPENDIX 1

BANCROFT OPTION
MINERAL CLAIMS

Option Agreement:

Silver Crater-Baumheur-Campbell Occurrence and
Canadian All Metals Properties

Glenn Tripp (100%) of 9 unpatented mineral claims totaling 57 claim units.

Claim Number	Units	Recording Date	Due Date	Work Required $	Total Reserve $
4201505	2	Jan. 24, 2005	Jan. 24, 2007	800	0
4201508	10	Jan. 24, 2005	Jan. 24, 2007	4000	0
4201509	9	Jan. 24, 2005	Jan. 24, 2007	3600	0
4201510	5	Jan. 24, 2005	Jan. 24, 2007	2000	0
4201511	12	Jan. 24, 2005	Jan. 24, 2007	4800	0
4201541	8	Jan. 24, 2005	Jan. 24, 2007	3200	0
4201596	8	Jan. 24, 2005	Jan. 24, 2007	3200	0
4201647	1	Jan. 24, 2005	Jan. 24, 2007	400	0
3006538	2	Jan. 24, 2005	Jan. 24, 2007	800	0

Option Agreement:

Halo Prospect, Empire 'B' Prospect, Amalgamated Rare Earth # 2,
Saranac, McLean-Hogan, Canada Radium & Canadian All Metals Properties

Exploration and Construction Services Inc. (100%) of 25 unpatented mineral claims totaling 190 claim units.

Claim Number	Units	Recording Date	Due Date	Work Required $	Total Reserve $
4201512	12	Dec. 21, 2004	Dec. 21, 2006	4800	0
4201513	4	Dec. 21, 2004	Dec. 21,2006	1600	0
4200832	4	Mar. 03, 2005	Mar. 03, 2007	1600	0
4200833	4	Mar. 03, 2005	Mar 03, 2007	1600	0
4200834	2	Mar. 03, 2005	Mar. 03, 2007	800	0
4200835	12	Marr 03, 2005	Mar. 03, 2007	4800	0
4206607	2	Mar. 03, 2005	Mar. 03, 2007	800	0
3006529	2	Mar. 03, 2005	Mar. 03, 2007	800	0
3006530	1	Mar. 03, 2005	Mar. 03, 2007	400	0
3006532	8	Mar. 03, 2005	Mar. 03, 2007	3200	0
3006533	6	Mar. 03, 2005	Mar. 03, 2007	2400	0
3006534	6	Mar. 03, 2005	Mar. 03, 2007	2400	0
3006535	8	Mar. 03, 2005	Mar.03, 2007	3200	0
3006536	1	Mar.03, 2005	Mar. 03, 2007	400	0
3006537	8	Mar. 03, 2005	Mar. 03, 2007	3200	0
4201544	8	Dec. 22, 2004	Dec. 22, 2006	3200	0
4201545	8	Dec. 22, 2004	Dec. 22, 2006	3200	0
4201546	4	Dec. 22, 2004	Dec. 22, 2006	1600	0
4201590	12	Dec. 21, 2004	Dec. 21, 2006	4800	0
4201591	12	Dec. 21, 2004	Dec. 21, 2006	4800	0
4201592	12	Dec. 21, 2004	Dec. 21, 2006	4800	0
4201593	8	Dec. 21, 2004	Dec. 21, 2006	3200	0
4201594	12	Dec. 21, 2004	Dec.21, 2006	4800	0
4201595	12	Dec. 21, 2004	Dec. 21, 2006	4800	0
4201600	10	Dec. 21, 2004	Dec. 21, 2006	4000	0
4201601	8	Dec. 21, 2004	Dec. 21, 2006	3200	0
3006531	2	Mar. 03, 2005	Mar. 03, 2007	800	0
3006545	2	June 03, 2005	June 03, 2007	800	0

Glenn Tripp Option Properties

Silver Crater-Baumhour-Campbell Property Faraday and Cardiff Twps.

4201505
4201508
4201509
4201510
4201511

5 mineral claims, 38 claim units

Canadian All Metals Monmouth Twp.

4201541
4201596
4201647
3006538

4 mineral claims, 19 claim units

Exploration and Construction Services Inc. Option Properties

Maclean-Hogan Property Cardiff Twp.

3006532
3006534

2 mineral claims, 14 claim units

Halo Prospect Cardiff Twp.

4201590
4201591
4201592
4201593
4201594
4201595
4201600
4201601
3006531

9 mineral claims, 88 claim units

Empire B Cardiff and Monmouth Twps.

4201544
4201545
4201546
3006529
3006530
3006533

6 mineral claims, 29 claim units

Exploration and Construction Services Inc. Option Properties (cont'd

CanadaRadium Cardiff Twp.
3006535
3006536
3006537
3 mineral claims,17 claim units

Saranac Monmouth Twp.
4200835
4206607
3006545
3 mineral claims, 16 claim units

Amalgamated Rare Earth #2 Monmouth Twp.
4201512
4201513
4200832
3 mineral claims, 20 claim units

Canadian All Metals Monmouth Twp.
4200833
4200834
2 mineral claims, 6 claim units

APPENDIX 2

ASSAY RESULTS

ANALYTE	ThO2	U3O8
METHOD	XRF75V	XRF75V
DETECTION	0.01	0.01
UNITS	%	%
CAM 3	0.05	3.02
CAM 4	0.16	0.06
CAM 5	0.08	<0.01
CAM 6	0.07	0.22
CAM 7	0.07	0.22
CAM 8	0.05	0.07
CAM 9	0.05	0.08
CAM10	0.02	0.03
CR 1	<0.01	<0.01
CR 2	0.05	<0.01
CR 3	0.03	<0.01
CR 4	0.98	0.05
CR 5	0.04	<0.01
CR 6	0.14	0.04
EMB 3	0.03	0.01
EMB 4	0.06	<0.01
EMB 5	0.09	0.02
EMB 6	0.02	0.01
EMB 7	0.01	<0.01
MAC 2	0.01	0.02
MAC 3	<0.01	<0.01
MAC 4	0.06	0.31
MAC 5	0.02	0.12
MAC 6	0.01	0.08
MAC 7	<0.01	<0.01
MAC 8	0.01	0.06
SAR 3	0.02	0.01
SAR 4	0.04	0.03

SAR 5	0.08	0.04
SAR 6	0.04	0.03
SAR 7	0.01	0.01
SC1-1	0.09	0.01
SC2 1	<0.01	<0.01
SC2 2	0.1	0.02
SC2 3	<0.01	0.55
SC2 4	2.81	0.69
SC2 5	1.99	0.66
SC2 6	2.54	0.4
SC2 7	3.09	0.37
SC2 8	0.8	0.04
SC2 9	0.56	0.07
DUP-CAM 3	0.05	3.04
DUP-CR 5	0.04	<0.01
DUP-MAC 7	<0.01	<0.01
DUP-SC2 5	1.98	0.66

APPENDIX 3

Survey Instrument

Survey Instrument

The survey instrument is a SAPHYMO SRAT SPP2 NF scintillometer. The instrument measures gamma radiation passing through a 1 x 1.5 inch (15.2 cm 3) NaI (TL) (sodium iodine activated with thallium) scintillation crystal. The unit measured is counts per second (cps). The output is read on five scales; 150, 500, 1500, 5000 and 15000 cps. The instrument is equipped with an adjustable threshold audio alarm for ease of surveying. For purposes of grid scintillometer surveying in this program readings were uniformly taken at waist height.