Report
On
An Exploration Program
On
The Silver Crater-Baumhour-Campbell Occurrence
Faraday Township
Mineral Claim 4201541 TJB
And
The Canadian All Metals Occurrence
Monmouth Township
Mineral Claims 4201541 and 4201647
Southern Ontario Mining Division
NTS 31-D/16 and 31-E/1

For

El Nino Ventures Inc.

December 15, 2006

T.J. Beesley
Geological Services Inc.

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Summary

During the course of uranium exploration on six of the the El NinoVentures Inc. Bancroft option properties carried out in October, 2005, higher grade mineralization was detected on three of the properties. It was decided to follow up this mineralization on two of these properties, the Silver Crater-Baumhour-Campbell #2 Showing, where five samples taken over a 75-m interval contained from 0.37 to 0.69 U308 and averaged 0.53 % U308, in highly mafic augite syenite pegmatite, typical rock type but higher grade than former camp producers, and the Canadian All Metals property where a sample from an outcrop of coarse biotite-diopside pegmatite skarn yielded 3.02 % U308, one of the highest results recorded in the Bancroft camp. A program of alphameter surveying was designed to test radon in soil gas emanating from potential high grade mineralization in subcrop beneath adjacent overburden covered areas. Preexisting 50-m x 25-m grids over the target zones were infilled to 12.5 m x 12.5 m to allow background scintillometer surveying. Alphameter stations were established at 25-m x 25-m centers within these detailed grids. Generally speaking the results from the alphameter corroborated high grade mineralization but did not expand it beyond known boundaries. A high alphameter reading at 200N/50E in the high grade zone at the Silver Crater # 2 Showing, 1849 CPH, corresponded to a high grade U308 reading in rock subcrop, 0.42 % (SC105). The highest alphameter reading in both propertys' surveys, 4539 CPH, was recorded at 075N/350E on the Canadian All Metals grid. This result was obtained in deep overburden (4 m) 37.5 m grid north of the 3.02 % U3O8 bedrock assay (CAM 3). Subcrop at the bottom of this trench consisted of sheared green diopside skarn gave a scintillometer reading of only 1400 cps and contained <0.01 % U3O8.

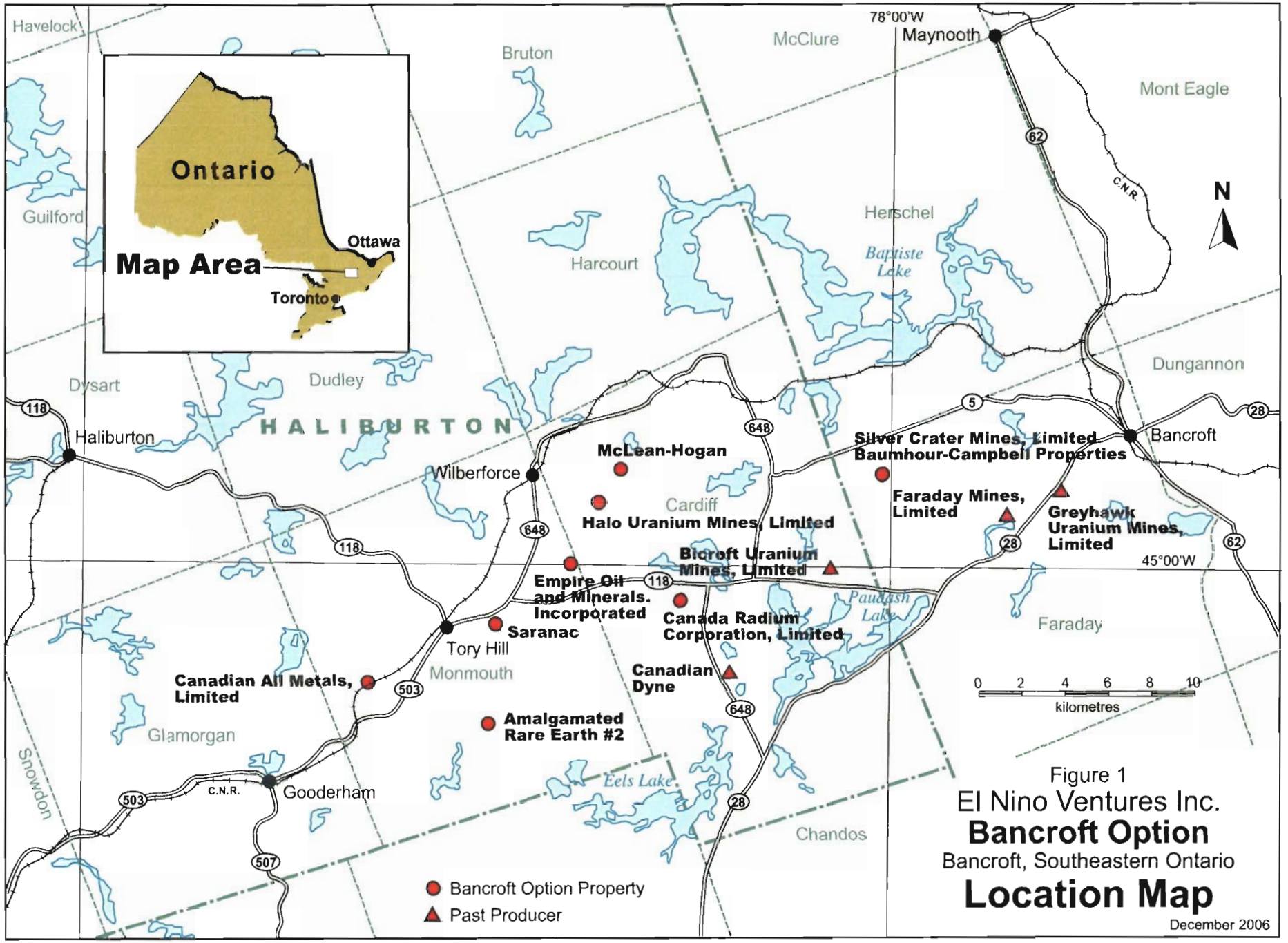


Figure 1

El Nino Ventures Inc.

Bancroft Option

Bancroft, Southeastern Ontario

Location Map

December 2006

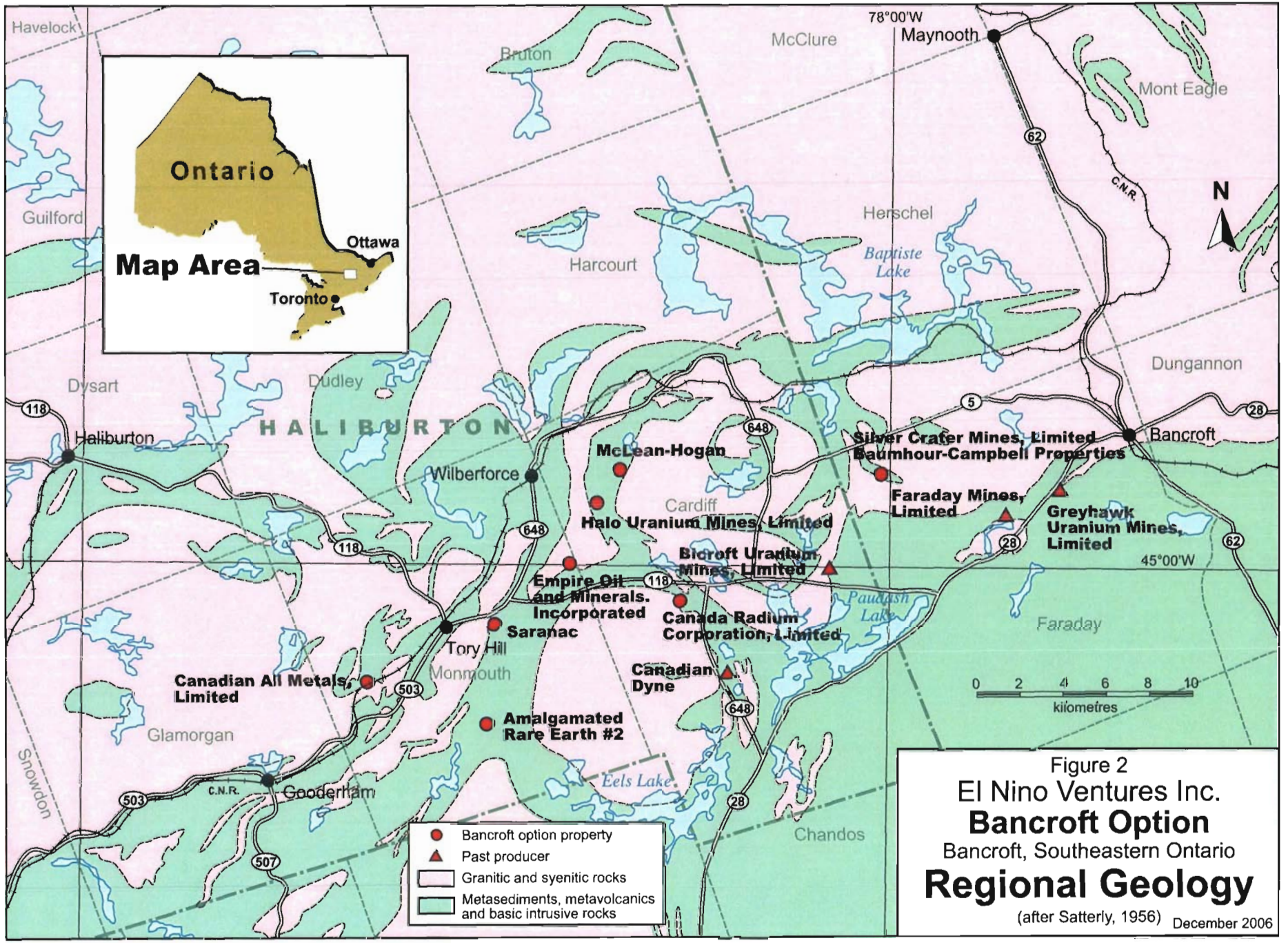


Figure 2

El Nino Ventures Inc.

Bancroft Option

Bancroft, Southeastern Ontario

Regional Geology

(after Satterly, 1956) December 2006

Property, Description and Location (Figure1)

The Silver Crater-Baumhour-Campbell Property is located 12 km west of Bancroft and is covered by five mineral claims, four in western Faraday Township and the fifth in adjacent Cardiff Township (Figure 6). The radioactive showings are contained in one claim, 4201541, and consequently all work described was conducted therein. Glenn Tripp is the optionor of this property.

TTB

The Canadian All Metals Property is located in western Monmouth Township, 40 km west of Bancroft, and consists of six mineral claims (Figure 10). The radioactive showings are contained in two mineral claims, 4201541 and 4201647, and consequently all work described was conducted therein. This property was optioned from two parties. Glenn Tripp is the optionor of mineral claims 4201541, 4201596, 4201647 and 3006538 and Exploration and Construction Services Inc. is the optionor of mineral claims 4200833 and 4200834.

Access

The Silver Crater-Baumhour-Campbell Property can be accessed by following Airport Road, originating in the Town of Bancroft, for 12 km west, parallel and south of County Road 5, and then following a bush road accessible by 4-wheel drive vehicle for 2 km to the south to the property. The Canadian All Metals Property can be accessed by following Hwy 503 southwest from Tory Hill for 5 km and turning north on an old rail bed, which follows the west side of a creek, for 2 km to a 4-wheeler road which exits north from the rail bed 300 m to the Cain property grid.

Previous Work

Silver Crater-Baumhour-Campbell Occurrence:

1954-56: Trenching, magnetometer survey packsack drilling, 7075 feet of diamond drilling by Silver Crater Mines Limited.
1967-69: Geological, magnetic and radiometric surveys, trenching, 20 diamond drill holes for 8377 feet by Fidelity Mining Investments.
1975-77: Geological, geophysical and radiometric surveys by R. Laird, Brascan Resources. Radiometric and radon soil gas surveys by Kerr Addison Mines Ltd. Airborne electromagnetic and magnetic surveys by Brascan Resources, Projex and R. Laird
2005: Grid establishment and grid scintillometer surveying. Tie in former trenches and map anomalous radioactivity with scintillometer. Sample representative anomalous radioactivity in bedrock and analyze for U308 and Th02 content. By El Nino Ventures Inc.

Canadian All Metals Occurrence:

Work by Canadian All Metals Explorations Ltd.included stripping, trenching, 38 diamond drill holes totaling 5,040 feet, four 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.
2005: Grid establishment and grid scintillometer surveying. Tie in former trenches and map anomalous radioactivity with scintillometer. Sample representative anomalous radioactivity in bedrock and analyze for U308 and Th02 content. By El Nino Ventures Inc.

Current Exploration Program

The surveys were carried out between August 30 and September 29, 2006. The surveys were supervised in field by T.J. Beesley, 11 Arcadian Circle, Toronto, Ontario M8W 2Z1.

Silver Crater –Baumhour- Campbell Occurrence (Figures 3, 4, and 5)

The previous scintillometer grid (2) at Silver Crater # 2 Showing was infilled in detail at 12.5-m squares to provide background for the alphameter radon in soil gas survey (Figure 4). A total of 3.35 km of scintillometer readings was carried out on this grid, at a reading interval of 12.5 m. Readings varied between 70 and 1250 cps (counts per second) Alphameter readings were taken on the designated high grade radioactivity portion of this grid, on a 25-m square grid pattern (Figure 5), which also illustrates the location of trenches sunk through overburden to bedrock for sampling purposes beneath anomalous alphameter readings. A total of 32 alphameter readings were taken at 25-m intervals along 575 metres of grid. Alphameter readings varied between 184 and 2874 CPH (Counts Per Hour). Trenches were dug through overburden on six alphameter reading sites on the Silver Crater # 2 Showing and samples of bedrock taken for analysis for U3O8 and ThO2. Results are tabled with those from similar surveys from the Canadian All Metals at the end of this section.

Scintillometer readings were taken at waist height with a SRAT Scintillometer. Alphameter readings were taken with an 'alphaMETER 400' radon detector manufactured by AlphaNUCLEAR ,of which four instruments were available to be utilized in this program. Radon is a gaseous daughter product of radium, in itself a daughter product of uranium and thorium. Radon gas decays into short-lived alpha particles, which are read in this survey. The instrument is 34 cm long and 5.1 cm in diameter and is open ended at the lower end. The instrument is long enough that the radiation emitted by isotopes at the opening of the chamber (soil, etc.) will not be detected, and any detected alpha particle radiation must have a gaseous origin. A hole 30-cm deep is dug at each reading station. The instrument is placed in vertically and packed with soil and the alpha particle reading device is initiated. The instrument is left approximately 24 hours and read. The number of alpha particle counts is divided by the number of hours of reading to obtain relative Counts Per Hour (CPH) numbers. The instrument is decalibrated and moved to a new reading location where it is recalibrated and the process repeated.

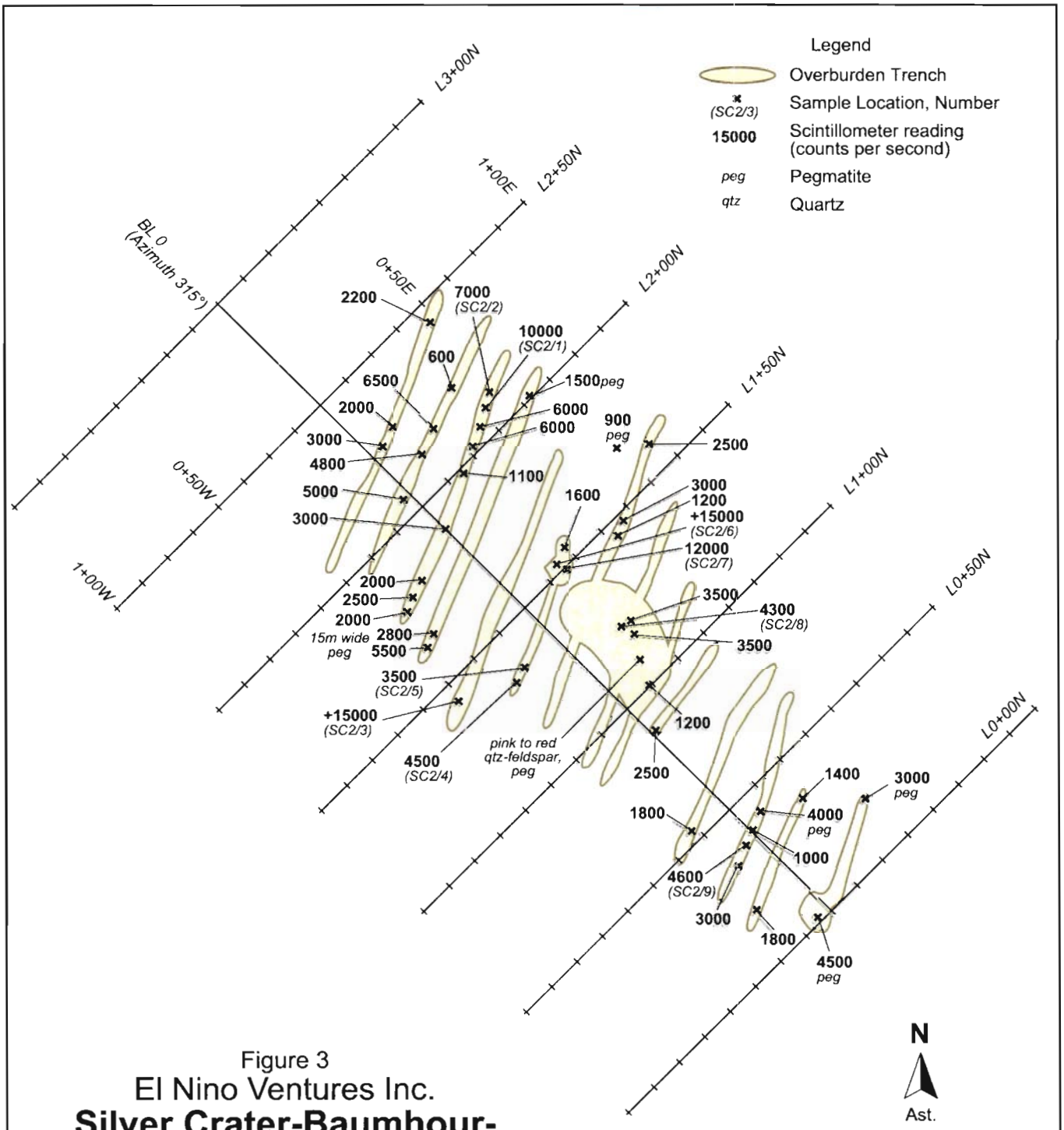


Figure 3

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 2006

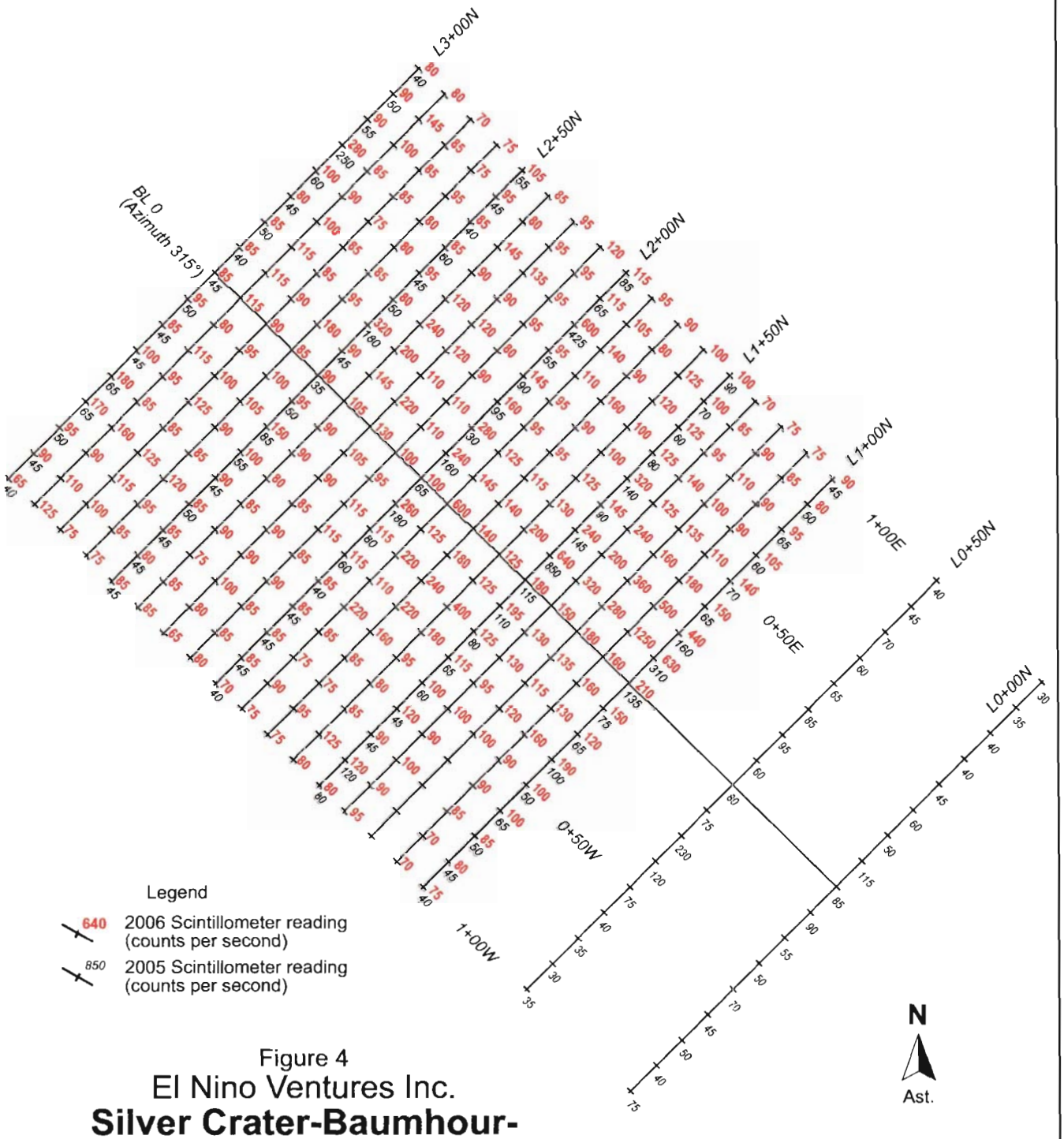


Figure 4

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

2005 survey SAPHYMO SARAT SPP2 scintillometer instrument.
2006 survey Ludlum Model 19-10 survey meter instrument.

Surveyed by: C.J.Laidlaw and E.A.Laidlaw

December 2006

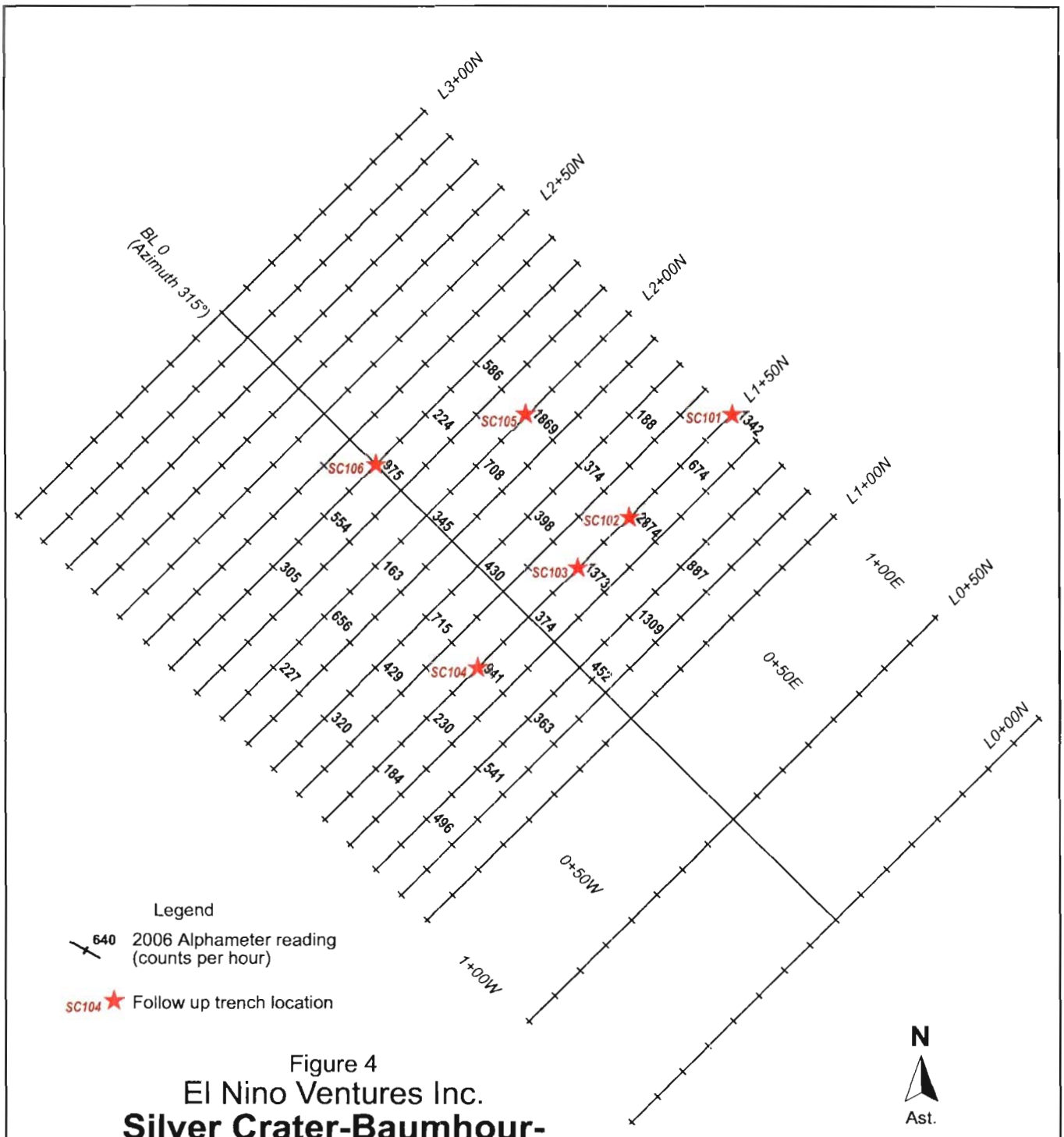


Figure 4

El Nino Ventures Inc.

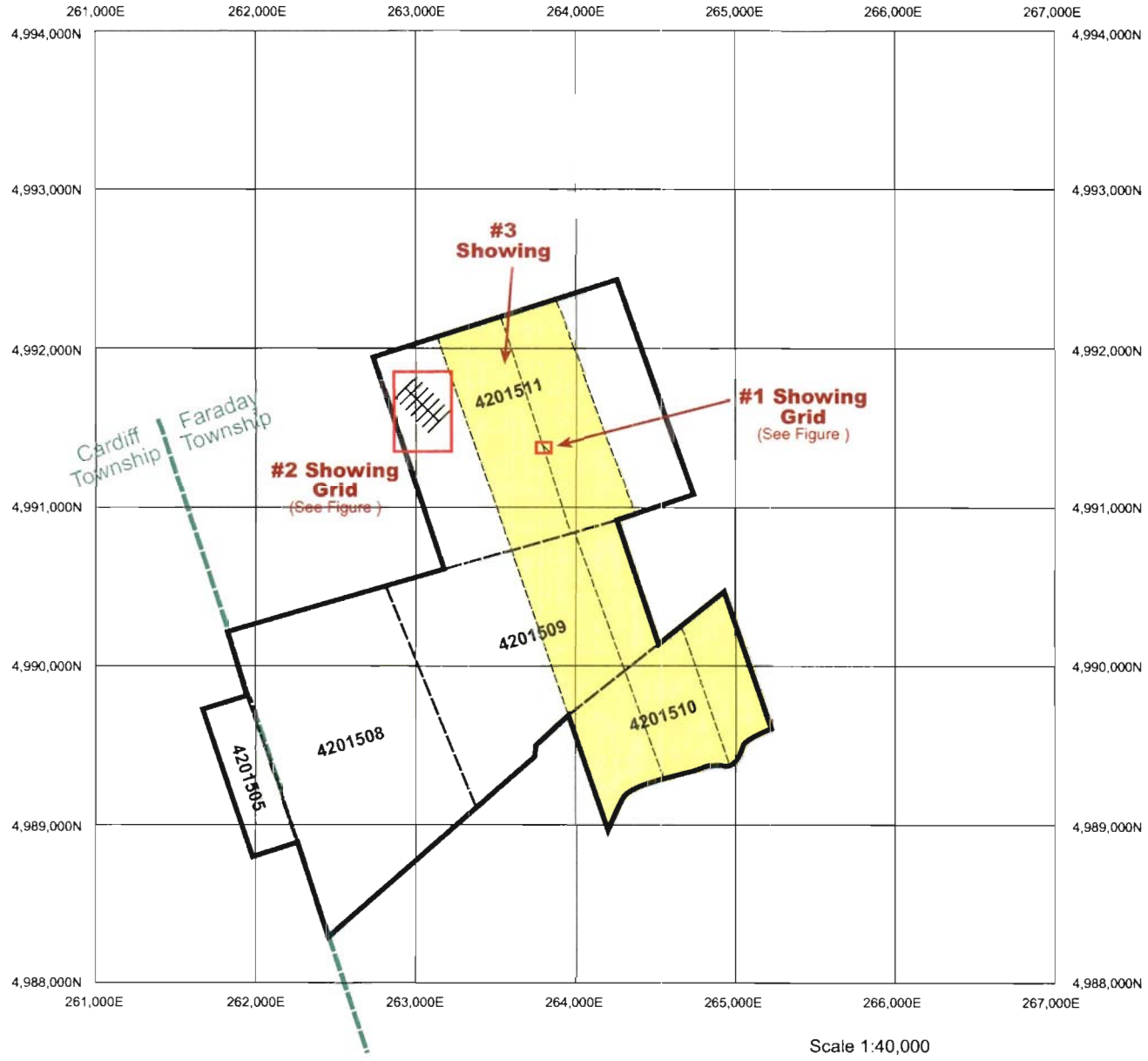
Silver Crater-Baumhour-Campbell Occurrence Showing #2

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

Alphameter 400 Survey showing Follow Up Trench Locations

Instrument: AlphaNUCLEAR alphaMETER 400 Radon Detector.
Surveyed by: C.J.Laidlaw and E.A.Laidlaw

December 2006



Scale 1:40,000

0 500 1000 1500 2000

metres

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Surface rights only

Figure 6

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 2006

Canadian All Metals Occurrence (Figures 7, 8 and 9)
The section of the Canadian All Metals Grid thought to contain higher anomalous radioactivity (2) was infilled on 12.5 –m square grid centers. A total of 1.075 km of grid was established to guide scintillometer readings at 12.5-m intervals. Scintillometer readings varied from 120 to 900 cps. A total of 28 alphameter readings was taken along 550 m of this detailed grid at 25-m intervals. Alphameter readings varied between 169 and 4539 CPH. A rock assay of 3.02 % U3O8 was obtained from outcrop at L350E/037N on this grid in a 2005 survey (2). By far the highest radon alphameter result, 4539 CPH, emanates from L350E/075N, 38 m to the north. A deep, 4 m section of overburden was excavated at this site to reveal a sheared, green mildly (1400 cps) radioactive skarn, but not enough to account for this very high alphameter reading. A more strongly radioactive source is suspected at depth.

Table: Summary Alphameter and ScinillometerReadings
Trenching and Rock Assays

Site	Trench Depth m	Bedrock cps	Alphameter CPH	Percent U3O8	Percent ThO2
SC10I	0 .75	900	1342	<0.01	0.02
SC102	0.50	6000	2874	0.03	0.03
SC103	0.60	6500	1373	<0.01	0.03
SC104	0.90	3000	941	<0.01	0.15
SC105	1.00	9300	1869	0.42	1.72
SC106	0.80	1150	975	<0.01	0.05
CAM101	4.00	1400	4539	<0.01	0.01
CAM102	1.20	1100	1648	<0.01	0.03
CAM103	1.90	3000	1366	<0.01	0.06
CAM104	0.50	600	1032	<0.01	<0.01
CAM105	1.40	1800	2838	0.03	<0.01
CAM106	1.10	1100	1091	<0.01	<0.01

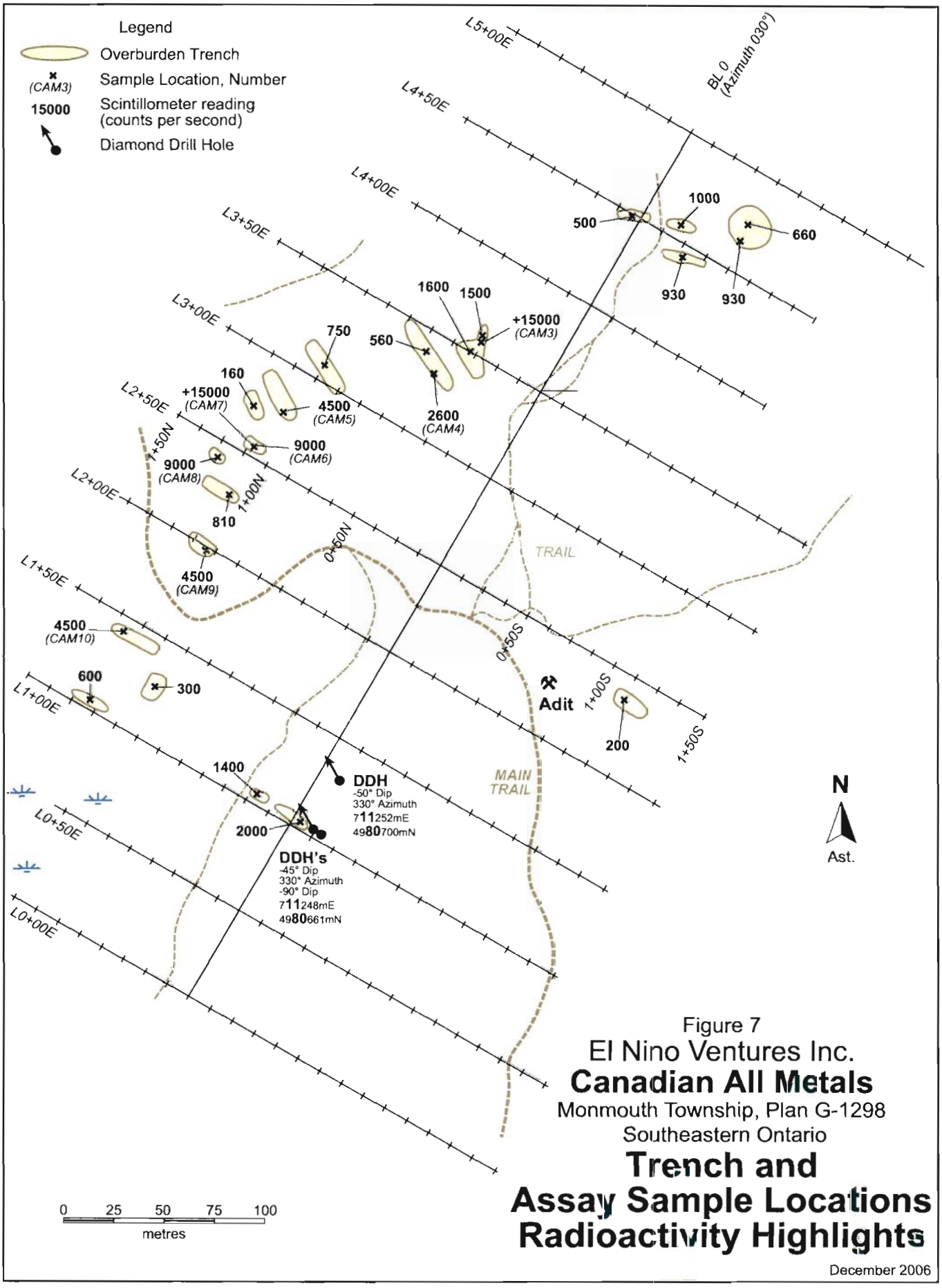


Figure 7

El Nino Ventures Inc.

Canadian All Metals

Monmouth Township, Plan G-1298

Southeastern Ontario

Trench and Assay Sample Locations Radioactivity Highlights

December 2006

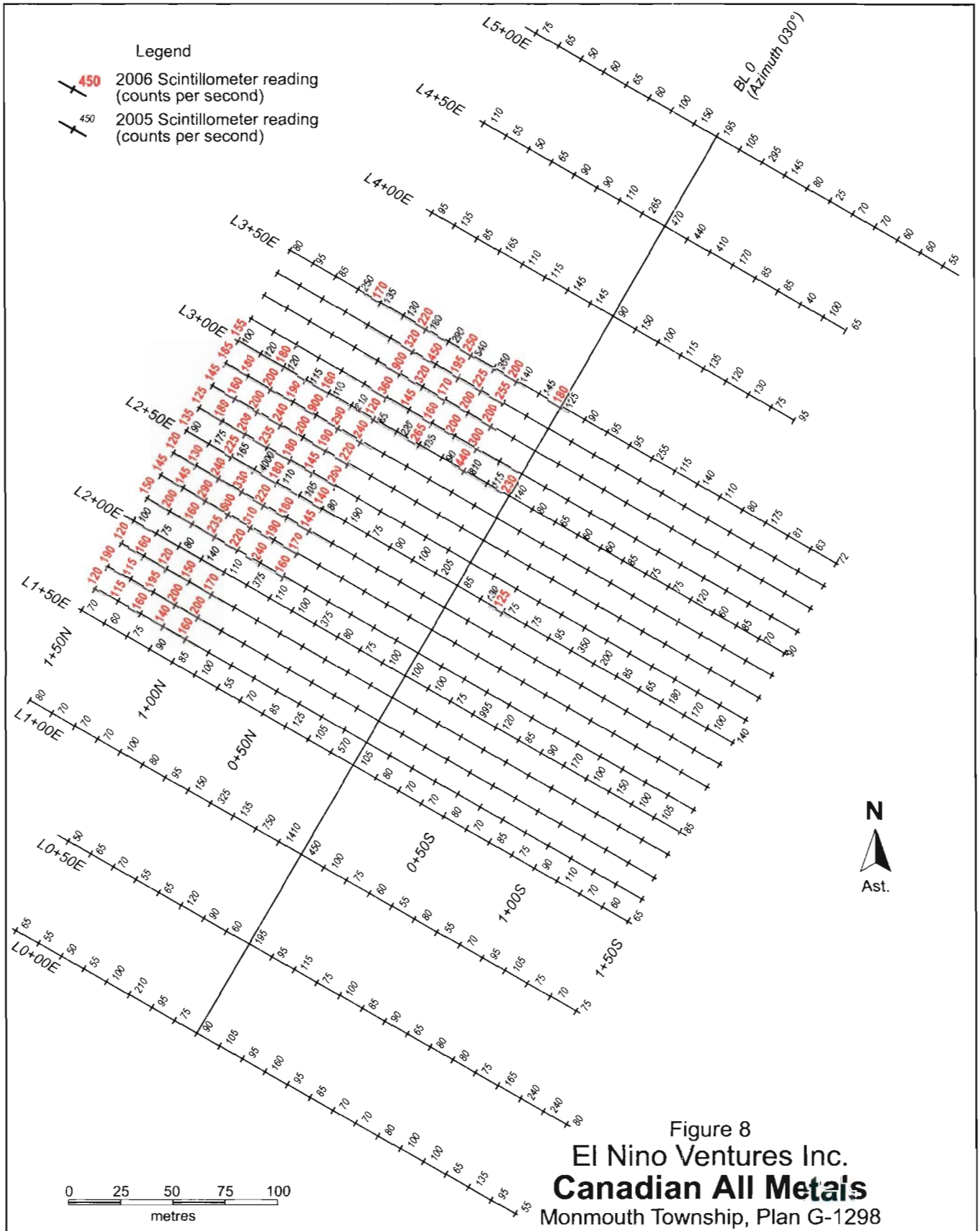


Figure 8

El Nino Ventures Inc.

Canadian All Metals

Monmouth Township, Plan G-1298

Southeastern Ontario

Grid Scintillometer Survey

2005 survey SAPHYMO SARAT SPP2 scintillometer instrument.
2006 survey Ludlum Model 19-10 survey meter instrument.

Surveyed by: C.J.Laidlaw and E.A.Laidlaw

December 2006

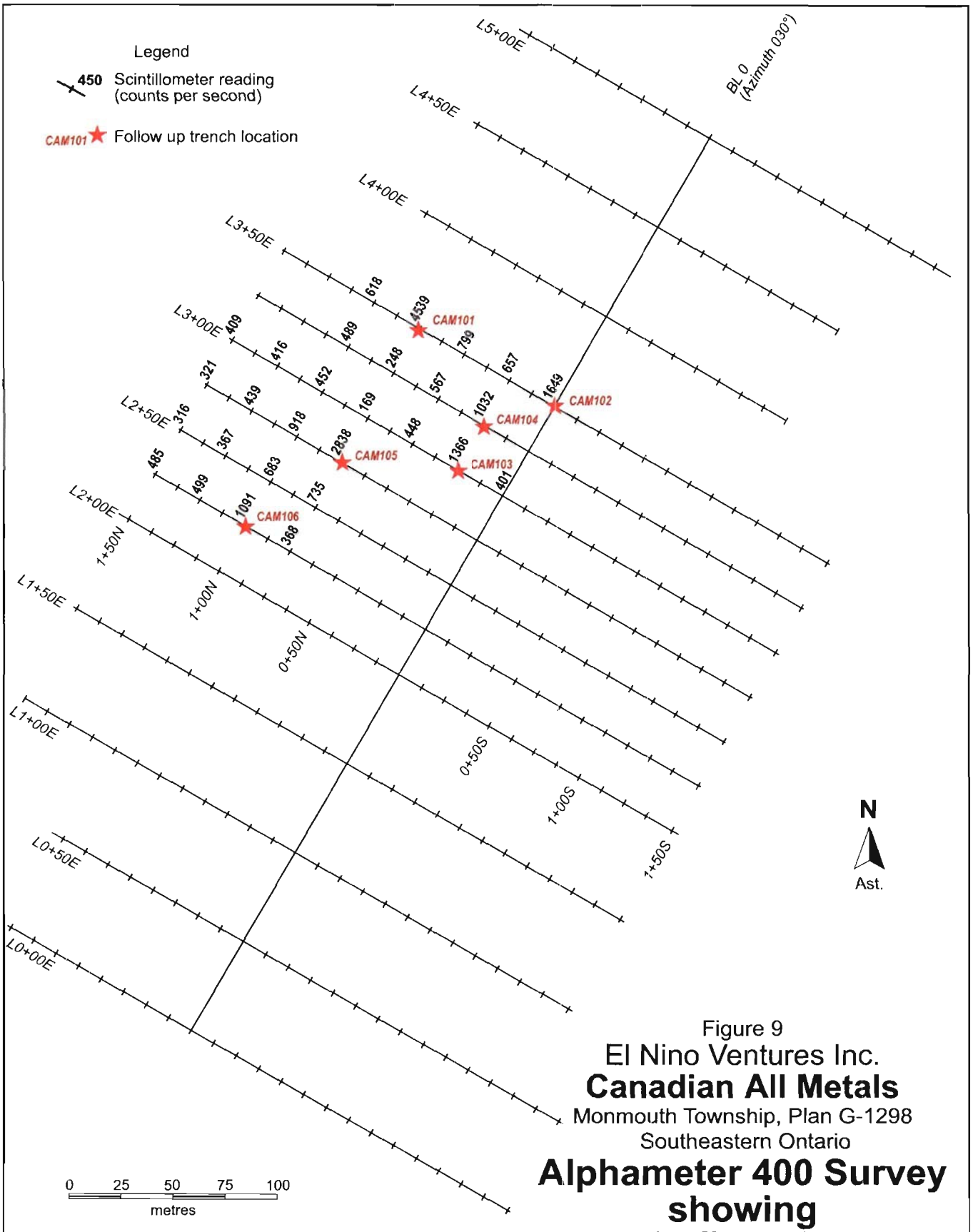


Figure 9

El Nino Ventures Inc.

Canadian All Metals

Monmouth Township, Plan G-1298

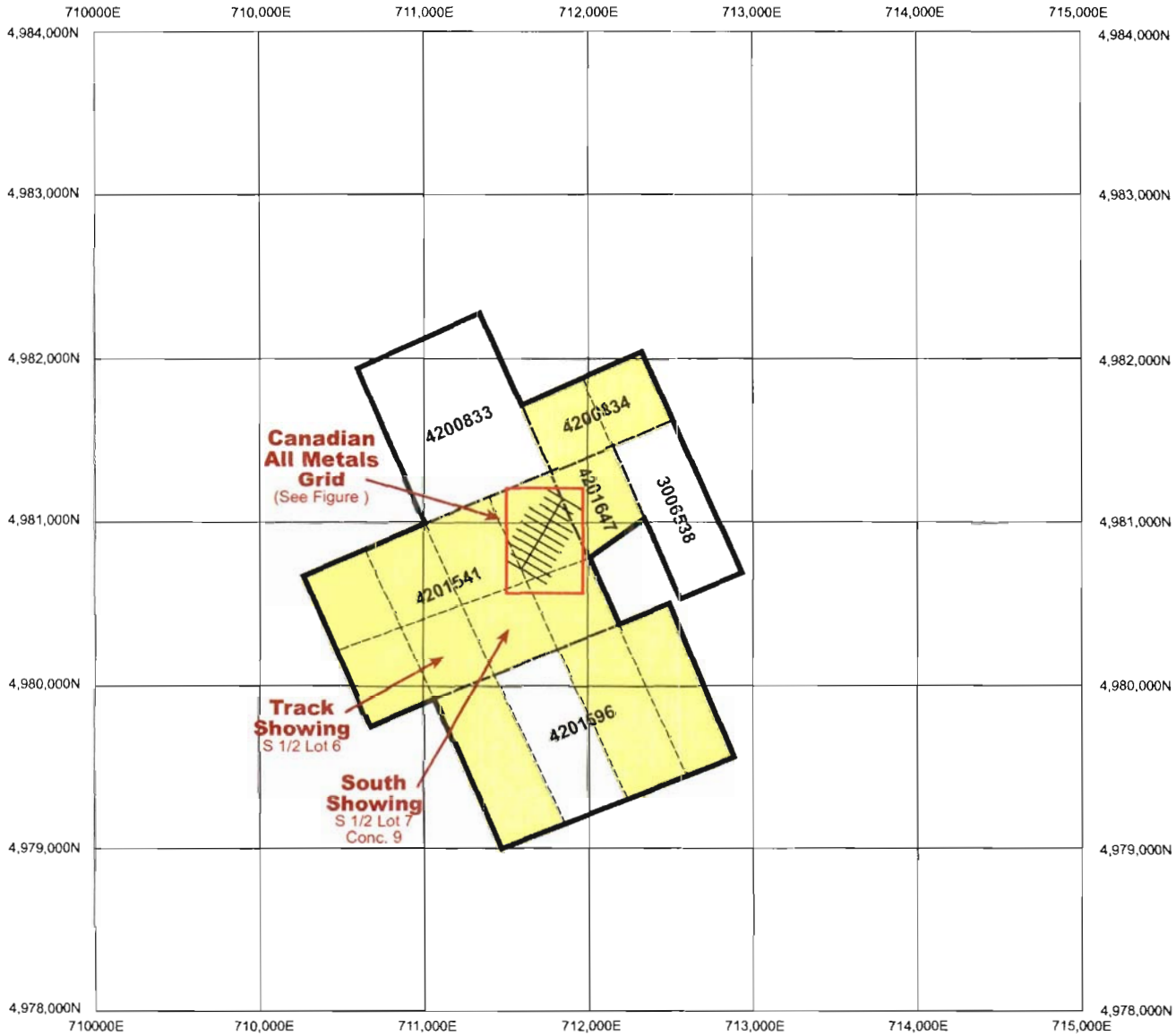
Southeastern Ontario

Alphameter 400 Survey showing Follow Up Trench Locations

Instrument: AlphaNUCLEAR alphaMETER 400 Radon Detector.

Surveyed by: C.J.Laidlaw and E.A.Laidlaw

December 2006



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Scale 1:40,000

0 500 1000 1500 2000

metres

Surface rights only

Figure 10

El Nino Ventures Inc.

Canadian All Metals

Monmouth Township, Plan G-1298

Southeastern Ontario

Claim Map

December 2006

Conclusions and Recommendations

1. The alphameter survey results did not enhance known high grade mineralization at the Silver Crater # 2 Showing. Extensive historical overburden stripping in this uranium-mineralized zone covered by a relatively shallow layer of sandy glacial till appears to have been comprehensive. The high alphameter reading at 075N/ 350N on the Canadian All Metals grid (4539 CPH) is considered unexplained by the subcrop unearthed beneath the survey station. A higher grade bedrock source at depth is suspected, with possible implications to the high grade outcrop result (3.02 % U3O8) 37.5 m to the south.

2. Because of their limited dimensions zones of potential high grade uranium on these two properties are not considered extensive enough to present stand alone mining situations. However, if development moves ahead on one or more of the other eight Bancroft option properties the Silver Crater-Baumhour-Campbell and Canadian All Metals high grade zones have the potential to contribute significantly to mill feed.

Recommendations

1. If a decision is made to move the high grade zones on both properties forward initial testing would be by diamond drilling. At the Canadian All Metals property target 37.5N to 075N on Line 350 E. Drill four inclined 75-m holes grid east parallel to the baseline on four 25-m spaced sections from 100N to 025 N, collared on Line 325E, for a total of 300m. On the Silver Crater # 2 showing drill five 25-m spaced sections from 225N to 125N. Five inclined holes drilled grid east from collars located on the baseline would each be 100 m in length, for a total of 500 m.

2. Allow $ 150.00/metre all inclusive for this 800 m program for a budget of $120,000.

References

1. Beesley, T.J. Summary Report on the Bancroft Option Properties Faraday, Cardiff and Monmouth Townships, NTS 31 D/16 and 31 E/1, Southern Ontario Mining Division, Ontario, Canada, NI 43-101 Format for El Nino Ventures Inc. June 30, 2005.

2. Beesley, T.J. 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. December 21, 2005.

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

Scintillometer and Alphameter Data

El Nino Ventures Inc.

Canadian All Metals, Monmouth Township, Claim 4201541

Alphameter Radon 400 Survey

Line	Station	Waypoint	UTM_E	UTM_N	cps	S/N	Count	Time	cph
3+50E	BL00	074	711380	4980864	180	2715	70430	42.74	**1649**
3+50E	0+25N	075	711372	4980887	200	1600	28114	42.81	**657**
3+50E	0+50N	076	711345	4980892	250	1655	34312	42.94	**799**
3+50E	0+75N	077	711326	4980903	220	1673	100000	22.03	**4539**
3+50E	1+00N	078	711318	4980927	170	2715	13914	22.51	**618**
3+25E	0+25N	083	711350	4980849	230	2715	24802	24.04	**1032**
3+25E	0+50N	081	711359	4980847	160	1673	12772	22.53	**567**
3+25E	0+75N	080	711319	4980892	170	1655	5587	22.55	**248**
3+25E	1+00N	079	711304	4980914	160	1600	11024	22.55	**489**
3+00E	BL00	098	711350	4980827	220	1655	8711	21.73	**401**
3+00E	0+25N	084	711338	4980841	440	1600	32764	23.98	**1366**
3+00E	0+50N	085	711329	4980847	265	1655	10689	23.84	**448**
3+00E	0+75N	086	711295	4980862	120	1673	4027	23.83	**169**
3+00E	1+00N	088	711284	4980891	160	2715	12508	27.66	**452**
3+00E	1+25N	089	711270	4980915	180	1600	11517	27.66	**416**
3+00E	1+50N	090	711248	4980931	155	1655	11318	27.71	**409**
2+75E	0+75N	094	711272	4980841	200	1655	100000	35.24	**2838**
2+75E	1+00N	093	711266	4980864	190	1600	66750	72.68	**918**
2+75E	1+25N	092	711241	4980898	160	2715	31897	72.63	**439**
2+75E	1+50N	091	711224	4980900	120	1673	8860	27.62	**321**
2+50E	0+75N	096	711266	4980844	140	1673	52994	72.09	**735**
2+50E	1+00N	097	711245	4980837	180	1673	14826	21.70	**683**
2+50E	1+25N	099	711225	4980883	225	1600	7889	21.48	**367**
2+50E	1+50N	100	711205	4980872	135	2715	6727	21.29	**316**
2+25E	0+75N	110	711242	4980807	150	1673	7533	20.47	**368**
2+25E	1+00N	109	711233	4980820	250	1655	22455	20.59	**1091**
2+25E	1+25N	108	711218	4980841	250	1600	10370	20.77	**499**
2+25E	1+50N	107	711199	4980862	125	2715	10113	20.87	**485**

Surveyed by: C.J.Laidlaw and E.A.Laidlaw

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El Nino Ventures Inc.
Canadian All Metals, Monmouth Township, Claim 4201541

Scintillometer Survey

Line	Station	Scintillometer Reading 1	Scintillometer Reading 2
5+00E	1+00N	75	
5+00E	0+87.5N	65	
5+00E	0+75N	50	
5+00E	0+62.5N	60	
5+00E	0+50N	65	
5+00E	0+37.5N	60	
5+00E	0+25N	100	
5+00E	0+12.5N	150	
5+00E	BL00	195	
5+00E	0+12.5S	105	
5+00E	0+25S	295	
5+00E	0+37.5S	145	
5+00E	0+50S	80	
5+00E	0+62.5S	25	
5+00E	0+75S	70	
5+00E	0+87.5S	70	
5+00E	1+00S	60	
5+00E	1+12.5S	60	
5+00E	1+25S	55	
4+50E	1+00N	110	
4+50E	0+87.5N	55	
4+50E	0+75N	50	
4+50E	0+62.5N	65	
4+50E	0+50N	90	
4+50E	0+37.5N	90	
4+50E	0+25N	110	
4+50E	0+12.5N	265	
4+50E	BL00	470	
4+50E	0+12.5S	440	
4+50E	0+25S	410	
4+50E	0+37.5S	170	
4+50E	0+50S	85	
4+50E	0+62.5S	85	
4+50E	0+75S	40	
4+50E	0+87.5S	100	
4+50E	1+00S	65	
4+00E	1+00N	95	
4+00E	0+87.5N	135	
4+00E	0+75N	85	
4+00E	0+62.5N	165	
4+00E	0+50N	110	
4+00E	0+37.5N	115	
4+00E	0+25N	145	
4+00E	0+12.5N	145	
4+00E	BL00	90	
4+00E	0+12.5S	150	

Line	Station	Scintillometer Reading 1	Scintillometer Reading 2
4+00E	0+25S	100	
4+00E	0+37.5S	115	
4+00E	0+50S	135	
4+00E	0+62.5S	120	
4+00E	0+75S	130	
4+00E	0+87.5S	75	
4+00E	1+00S	95	
3+50E	1+50N	80	
3+50E	1+37.5N	95	
3+50E	1+25N	85	
3+50E	1+12.5N	250	
3+50E	1+00N	135	**170**
3+50E	0+87.5N	130	
3+50E	0+75N	180	**220**
3+50E	0+62.5N	290	
3+50E	0+50N	540	**250**
3+50E	0+37.5N	350	
3+50E	0+25N	140	**200**
3+50E	0+12.5N	145	
3+50E	BL00	125	**180**
3+50E	0+12.5S	90	
3+50E	0+25S	95	
3+50E	0+37.5S	95	
3+50E	0+50S	255	
3+50E	0+62.5S	115	
3+50E	0+75S	140	
3+50E	0+87.5S	110	
3+50E	1+00S	80	
3+50E	1+12.5S	175	
3+50E	1+25S	81	
3+50E	1+37.5S	63	
3+50E	1+50S	72	
3+37.5E	0+75N		**320**
3+37.5E	0+62.5N		**450**
3+37.5E	0+50N		**195**
3+37.5E	0+37.5N		**225**
3+37.5E	0+25N		**255**
3+25E	0+75N		**900**
3+25E	0+62.5N		**320**
3+25E	0+50N		**170**
3+25E	0+37.5N		**200**
3+25E	0+25N		**200**
3+12.5E	0+75N		**360**
3+12.5E	0+62.5N		**145**
3+12.5E	0+50N		**160**
3+12.5E	0+37.5N		**200**
3+12.5E	0+25N		**300**

Line	Station	Scintillometer Reading 1	Scintillometer Reading 2
3+00E	1+50N	100	**155**
3+00E	1+37.5N	120	
3+00E	1+25N	120	**180**
3+00E	1+12.5N	115	
3+00E	1+00N	110	**160**
3+00E	0+87.5N	210	
3+00E	0+75N	65	**120**
3+00E	0+62.5N	220	
3+00E	0+50N	135	**265**
3+00E	0+37.5N	90	
3+00E	0+25N	810	**440**
3+00E	0+12.5N	115	
3+00E	BL00	140	**230**
3+00E	0+12.5S	80	
3+00E	0+25S	65	
3+00E	0+37.5S	60	
3+00E	0+50S	60	
3+00E	0+62.5S	85	
3+00E	0+75S	75	
3+00E	0+87.5S	75	
3+00E	1+00S	120	
3+00E	1+12.5S	60	
3+00E	1+25S	85	
3+00E	1+37.5S	70	
3+00E	1+50S	90	
2+87.5E	1+50N		**165**
2+87.5E	1+37.5N		**180**
2+87.5E	1+25N		**200**
2+87.5E	1+12.5N		**190**
2+87.5E	1+00N		**900**
2+87.5E	0+87.5N		**290**
2+87.5E	0+75N		**240**
2+75E	1+50N		**145**
2+75E	1+37.5N		**160**
2+75E	1+25N		**200**
2+75E	1+12.5N		**240**
2+75E	1+00N		**200**
2+75E	0+87.5N		**190**
2+75E	0+75N		**220**
2+62.5E	1+50N		**125**
2+62.5E	1+37.5N		**180**
2+62.5E	1+25N		**200**
2+62.5E	1+12.5N		**235**
2+62.5E	1+00N		**180**
2+62.5E	0+87.5N		**145**
2+62.5E	0+75N		**200**

Line	Station	Scintillometer Reading 1	Scintillometer Reading 2
2+50E	1+50N	90	**135**
2+50E	1+37.5N	175	
2+50E	1+25N	165	**225**
2+50E	1+12.5N	4000	
2+50E	1+00N	110	**180**
2+50E	0+87.5N	105	
2+50E	0+75N	80	**140**
2+50E	0+62.5N	190	
2+50E	0+50N	75	
2+50E	0+37.5N	90	
2+50E	0+25N	100	
2+50E	0+12.5N	205	
2+50E	BL00	85	
2+50E	0+12.5S	130	
2+50E	0+25S	75	**125**
2+50E	0+37.5S	75	
2+50E	0+50S	95	
2+50E	0+62.5S	350	
2+50E	0+75S	200	
2+50E	0+87.5S	85	
2+50E	1+00S	65	
2+50E	1+12.5S	180	
2+50E	1+25S	170	
2+50E	1+37.5S	100	
2+50E	1+50S	140	
2+37.5E	1+50N		**120**
2+37.5E	1+37.5N		**130**
2+37.5E	1+25N		**240**
2+37.5E	1+12.5N		**330**
2+37.5E	1+00N		**220**
2+37.5E	0+87.5N		**180**
2+37.5E	0+75N		**145**
2+25E	1+50N		**145**
2+25E	1+37.5N		**145**
2+25E	1+25N		**290**
2+25E	1+12.5N		**600**
2+25E	1+00N		**310**
2+25E	0+87.5N		**190**
2+25E	0+75N		**170**
2+12.5E	1+50N		**150**
2+12.5E	1+37.5N		**200**
2+12.5E	1+25N		**160**
2+12.5E	1+12.5N		**235**
2+12.5E	1+00N		**220**
2+12.5E	0+87.5N		**240**
2+12.5E	0+75N		**160**
2+00E	1+50N	100	

Line	Station	Scintillometer Reading 1	Scintillometer Reading 2
2+00E	1+37.5N	75	
2+00E	1+25N	80	
2+00E	1+12.5N	140	
2+00E	1+00N	110	
2+00E	0+87.5N	375	
2+00E	0+75N	110	
2+00E	0+62.5N	100	
2+00E	0+50N	375	
2+00E	0+37.5N	80	
2+00E	0+25N	75	
2+00E	0+12.5N	100	
2+00E	BL00	100	
2+00E	0+12.5S	100	
2+00E	0+25S	75	
2+00E	0+37.5S	995	
2+00E	0+50S	120	
2+00E	0+62.5S	85	
2+00E	0+75S	90	
2+00E	0+87.5S	170	
2+00E	1+00S	100	
2+00E	1+12.5S	150	
2+00E	1+25S	100	
2+00E	1+37.5S	105	
2+00E	1+50S	85	
1+87.5E	1+50N		**120**
1+87.5E	1+37.5N		**160**
1+87.5E	1+25N		**120**
1+87.5E	1+12.5N		**150**
1+87.5E	1+00N		**170**
1+75E	1+50N		**190**
1+75E	1+37.5N		**115**
1+75E	1+25N		**195**
1+75E	1+12.5N		**200**
1+75E	1+00N		**200**
1+62.5E	1+50N		**120**
1+62.5E	1+37.5N		**115**
1+62.5E	1+25N		**160**
1+62.5E	1+12.5N		**140**
1+62.5E	1+00N		**160**
1+50E	1+50N	70	
1+50E	1+37.5N	60	
1+50E	1+25N	75	
1+50E	1+12.5N	90	
1+50E	1+00N	85	
1+50E	0+87.5N	100	
1+50E	0+75N	55	
1+50E	0+62.5N	70	

Line	Station	Scintillometer Reading 1	Scintillometer Reading 2
1+50E	0+50N	85	
1+50E	0+37.5N	125	
1+50E	0+25N	105	
1+50E	0+12.5N	570	
1+50E	BL00	105	
1+50E	0+12.5S	80	
1+50E	0+25S	70	
1+50E	0+37.5S	70	
1+50E	0+50S	80	
1+50E	0+62.5S	70	
1+50E	0+75S	85	
1+50E	0+87.5S	75	
1+50E	1+00S	90	
1+50E	1+12.5S	110	
1+50E	1+25S	70	
1+50E	1+37.5S	60	
1+50E	1+50S	65	
1+00E	1+50N	80	
1+00E	1+37.5N	70	
1+00E	1+25N	70	
1+00E	1+12.5N	70	
1+00E	1+00N	100	
1+00E	0+87.5N	80	
1+00E	0+75N	95	
1+00E	0+62.5N	150	
1+00E	0+50N	325	
1+00E	0+37.5N	135	
1+00E	0+25N	750	
1+00E	0+12.5N	1410	
1+00E	BL00	450	
1+00E	0+12.5S	100	
1+00E	0+25S	75	
1+00E	0+37.5S	60	
1+00E	0+50S	55	
1+00E	0+62.5S	80	
1+00E	0+75S	55	
1+00E	0+87.5S	70	
1+00E	1+00S	95	
1+00E	1+12.5S	105	
1+00E	1+25S	75	
1+00E	1+37.5S	70	
1+00E	1+50S	75	
0+50E	1+00N	50	
0+50E	0+87.5N	65	
0+50E	0+75N	70	
0+50E	0+62.5N	55	
0+50E	0+50N	65	
0+50E	0+37.5N	120	
0+50E	0+25N	90	

Line	Station	Scintillometer Reading 1	Scintillometer Reading 2
0+50E	0+12.5N	60	
0+50E	BL00	195	
0+50E	0+12.5S	95	
0+50E	0+25S	115	
0+50E	0+37.5S	75	
0+50E	0+50S	100	
0+50E	0+62.5S	85	
0+50E	0+75S	90	
0+50E	0+87.5S	65	
0+50E	1+00S	80	
0+50E	1+12.5S	80	
0+50E	1+25S	75	
0+50E	1+37.5S	165	
0+50E	1+50S	240	
0+50E	1+62.5S	240	
0+50E	1+75S	80	
00+00E	1+00N	65	
00+00E	0+87.5N	55	
00+00E	0+75N	50	
00+00E	0+62.5N	55	
00+00E	0+50N	100	
00+00E	0+37.5N	210	
00+00E	0+25N	95	
00+00E	0+12.5N	75	
00+00E	BL00	90	
00+00E	0+12.5S	105	
00+00E	0+25S	95	
00+00E	0+37.5S	160	
00+00E	0+50S	95	
00+00E	0+62.5S	85	
00+00E	0+75S	70	
00+00E	0+87.5S	70	
00+00E	1+00S	80	
00+00E	1+12.5S	100	
00+00E	1+25S	100	
00+00E	1+37.5S	65	
00+00E	1+50S	135	
00+00E	1+62.5S	95	
00+00E	1+75S	55	

Scintillometer Reading 1 - 2005 survey SAPHYMO SARAT SPP2 scintillometer instrument.
Scintillometer Reading 2 - 2006 survey Ludlum Model 19-10 survey meter instrument.

El Nino Ventures Inc.

Silver Crater-Baumhour-Campbell Occurrence Showing #2

Faraday Township, Claim 4201511

Alphameter Radon 400 Survey

Line	Station	Waypoint	UTM_E	UTM_N	* cps	S/N	Count	Time	cph
1+25N	0+50E	053	735747	4991656	135	1600	40452	45.61	**887**
1+25N	0+25E	054	735714	4991620	470	1655	59788	45.68	**1309**
1+18.5N	BL00	055	735705	4991636	160	1673	19373	45.56	**452**
1+25N	0+25W	058	735696	4991588	115	1600	9005	24.84	**363**
1+25N	0+50W	059	735669	4991562	100	1655	13343	24.66	**541**
1+25N	0+75W	060	735644	4991537	95	1673	12139	24.48	**496**
1+50N	1+00E	?	?	?	100	1655	32181	23.98	**1342**
1+50N	0+75E	?	?	?	125	1673	16067	23.84	**674**
1+50N	0+50E	052	735700	4991642	320	1673	100000	34.80	**2874**
1+50N	0+25E	051	735708	4991632	240	1655	90146	65.68	**1373**
1+50N	BL00	050	735691	4991616	180	1600	24457	65.48	**374**
1+50N	0+25W	049	735669	4991599	125	1673	44334	47.12	**941**
1+50N	0+50W	048	735660	4991584	100	1655	10789	46.88	**230**
1+50N	0+75W	047	735637	4991558	90	1600	8557	46.55	**184**
1+75N	0+75E	067	735717	4991682	90	2715	4519	24.05	**188**
1+75N	0+50E	041	735713	4991675	90	2715	9716	25.97	**374**
1+75N	0+25E	042	735683	4991645	115	1655	10121	25.44	**398**
1+75N	BL00	029	735666	4991640	140	1673	10933	25.41	**430**
1+75N	0+25W	044	735654	4991620	240	1600	18531	25.92	**715**
1+75N	0+50W	045	735639	4991597	160	1655	11062	25.81	**429**
1+75N	0+75W	046	735623	4991587	75	1673	8232	25.71	**320**
2+00N	0+50E	033	735694	4991690	145	1600	46006	24.62	**1869**
2+00N	0+25E	032	735694	4991683	280	1600	18091	25.54	**708**
2+00N	BL00	022	735653	4991651	100	1673	8472	24.55	**345**
2+00N	0+25W	026	735635	4991638	115	1655	4006	24.53	**163**
2+00N	0+50W	025	735619	4991616	85	1600	16061	24.50	**656**
2+00N	0+75W	024	735604	4991599	85	1600	5835	25.72	**227**
2+25N	0+50E	034	735665	4991695	120	1655	14433	24.65	**586**
2+25N	0+25E	035	735652	4991690	110	1673	5546	24.71	**224**
2+25N	BL00	039	735610	4991675	130	1600	24425	25.04	**975**
2+25N	0+25W	038	735604	4991631	90	1655	13965	25.21	**554**
2+25N	0+50W	037	735594	4991610	90	1673	7731	25.39	**305**

*cps - Scintillometer Readings - 2006 survey Ludlum Model 19-10 survey meter instrument.

Crew: C.J.Laidlaw and E.A.Laidlaw

El Nino Ventures Inc.
Silver Crater - Baumhour-Campbell Occurrence Showing #2
Faraday Township, Claim 4201511

Scintillometer Survey

Line	Station	Scintillometer Reading 1	Scintillometer Reading 2
3+00N	1+00E	40	80
3+00N	0+87.5E	50	90
3+00N	0+75E	55	90
3+00N	0+62.5E	250	280
3+00N	0+50E	60	100
3+00N	0+37.5E	45	80
3+00N	0+25E	50	85
3+00N	0+12.5E	40	85
3+00N	BL00	45	85
3+00N	0+12.5W	50	95
3+00N	0+25W	45	85
3+00N	0+37.5W	45	100
3+00N	0+50W	65	180
3+00N	0+62.5W	65	170
3+00N	0+75W	50	95
3+00N	0+87.5W	45	90
3+00N	1+00W	40	65
2+87.5N	1+00E		80
2+87.5N	0+87.5E		145
2+87.5N	0+75E		100
2+87.5N	0+62.5E		85
2+87.5N	0+50E		90
2+87.5N	0+37.5E		100
2+87.5N	0+25E		115
2+87.5N	0+12.5E		115
2+87.5N	BL00		115
2+87.5N	0+12.5W		80
2+87.5N	0+25W		115
2+87.5N	0+37.5W		95
2+87.5N	0+50W		85
2+87.5N	0+62.5W		160
2+87.5N	0+75W		90
2+87.5N	0+87.5W		110
2+87.5N	1+00W		125
2+75N	1+00E		70
2+75N	0+87.5E		85
2+75N	0+75E		85
2+75N	0+62.5E		85
2+75N	0+50E		75
2+75N	0+37.5E		85
2+75N	0+25E		85
2+75N	0+12.5E		90
2+75N	BL00		90
2+75N	0+12.5W		95
2+75N	0+25W		100
2+75N	0+37.5W		125
2+75N	0+50W		85

Line	Station	Scintillometer Reading 1	Scintillometer Reading 2
2+75N	0+62.5W		125
2+75N	0+75W		115
2+75N	0+87.5W		100
2+75N	1+00W		75
2+62.5N	1+00E		75
2+62.5N	0+87.5E		75
2+62.5N	0+75E		95
2+62.5N	0+62.5E		80
2+62.5N	0+50E		80
2+62.5N	0+37.5E		85
2+62.5N	0+25E		95
2+62.5N	0+12.5E		180
2+62.5N	BL00		85
2+62.5N	0+12.5W		100
2+62.5N	0+25W		105
2+62.5N	0+37.5W		90
2+62.5N	0+50W		85
2+62.5N	0+62.5W		120
2+62.5N	0+75W		95
2+62.5N	0+87.5W		85
2+62.5N	1+00W		75
2+50N	1+00E	55	105
2+50N	0+87.5E	45	95
2+50N	0+75E	40	85
2+50N	0+62.5E	60	85
2+50N	0+50E	45	95
2+50N	0+37.5E	50	80
2+50N	0+25E	180	320
2+50N	0+12.5E	45	90
2+50N	BL00	35	90
2+50N	0+12.5W	50	95
2+50N	0+25W	85	150
2+50N	0+37.5W	55	100
2+50N	0+50W	45	90
2+50N	0+62.5W	50	85
2+50N	0+75W	45	85
2+50N	0+87.5W	45	80
2+50N	1+00W	45	85
2+37.5N	1+00E		85
2+37.5N	0+87.5E		80
2+37.5N	0+75E		145
2+37.5N	0+62.5E		90
2+37.5N	0+50E		120
2+37.5N	0+37.5E		240
2+37.5N	0+25E		200
2+37.5N	0+12.5E		145
2+37.5N	BL00		105
2+37.5N	0+12.5W		90
2+37.5N	0+25W		90
2+37.5N	0+37.5W		80
2+37.5N	0+50W		85

Line	Station	Scintillometer Reading 1	Scintillometer Reading 2
2+37.5N	0+62.5W		90
2+37.5N	0+75W		75
2+37.5N	0+87.5W		85
2+37.5N	1+00W		85
2+25N	1+00E		95
2+25N	0+87.5E		95
2+25N	0+75E		135
2+25N	0+62.5E		90
2+25N	0+50E		120
2+25N	0+37.5E		120
2+25N	0+25E		110
2+25N	0+12.5E		220
2+25N	BL00		130
2+25N	0+12.5W		105
2+25N	0+25W		90
2+25N	0+37.5W		85
2+25N	0+50W		90
2+25N	0+62.5W		90
2+25N	0+75W		100
2+25N	0+87.5W		80
2+25N	1+00W		65
2+12.5N	1+00E		120
2+12.5N	0+87.5E		95
2+12.5N	0+75E		95
2+12.5N	0+62.5E		95
2+12.5N	0+50E		80
2+12.5N	0+37.5E		90
2+12.5N	0+25E		110
2+12.5N	0+12.5E		110
2+12.5N	BL00		100
2+12.5N	0+12.5W		95
2+12.5N	0+25W		115
2+12.5N	0+37.5W		115
2+12.5N	0+50W		85
2+12.5N	0+62.5W		90
2+12.5N	0+75W		85
2+12.5N	0+87.5W		85
2+12.5N	1+00W		80
2+00N	1+00E	85	115
2+00N	0+87.5E	65	115
2+00N	0+75E	425	600
2+00N	0+62.5E	55	95
2+00N	0+50E	90	145
2+00N	0+37.5E	95	160
2+00N	0+25E	30	280
2+00N	0+12.5E	160	240
2+00N	BL00	65	100
2+00N	0+12.5W	180	260
2+00N	0+25W	80	115
2+00N	0+37.5W	60	115
2+00N	0+50W	40	85

Line	Station	Scintillometer Reading 1	Scintillometer Reading 2
2+00N	0+62.5W	45	85
2+00N	0+75W	45	85
2+00N	0+87.5W	45	85
2+00N	1+00W	40	70
1+87.5N	1+00E		95
1+87.5N	0+87.5E		105
1+87.5N	0+75E		140
1+87.5N	0+62.5E		110
1+87.5N	0+50E		95
1+87.5N	0+37.5E		95
1+87.5N	0+25E		125
1+87.5N	0+12.5E		145
1+87.5N	BL00		600
1+87.5N	0+12.5W		125
1+87.5N	0+25W		220
1+87.5N	0+37.5W		110
1+87.5N	0+50W		220
1+87.5N	0+62.5W		85
1+87.5N	0+75W		75
1+87.5N	0+87.5W		90
1+87.5N	1+00W		75
1+75N	1+00E		90
1+75N	0+87.5E		80
1+75N	0+75E		90
1+75N	0+62.5E		160
1+75N	0+50E		90
1+75N	0+37.5E		95
1+75N	0+25E		115
1+75N	0+12.5E		140
1+75N	BL00		140
1+75N	0+12.5W		180
1+75N	0+25W		240
1+75N	0+37.5W		220
1+75N	0+50W		160
1+75N	0+62.5W		85
1+75N	0+75W		75
1+75N	0+87.5W		95
1+75N	1+00W		75
1+62.5N	1+00E		100
1+62.5N	0+87.5E		125
1+62.5N	0+75E		120
1+62.5N	0+62.5E		100
1+62.5N	0+50E		100
1+62.5N	0+37.5E		125
1+62.5N	0+25E		130
1+62.5N	0+12.5E		200
1+62.5N	BL00		125
1+62.5N	0+12.5W		125
1+62.5N	0+25W		400
1+62.5N	0+37.5W		180
1+62.5N	0+50W		95

Line	Station	Scintillometer Reading 1	Scintillometer Reading 2
1+62.5N	0+62.5W		80
1+62.5N	0+75W		85
1+62.5N	0+87.5W		125
1+62.5N	1+00W		80
1+50N	1+00E	90	100
1+50N	0+87.5E	70	100
1+50N	0+75E	60	125
1+50N	0+62.5E	80	125
1+50N	0+50E	140	320
1+50N	0+37.5E	90	145
1+50N	0+25E	145	240
1+50N	0+12.5E	850	640
1+50N	BL00	115	180
1+50N	0+12.5W	110	195
1+50N	0+25W	80	125
1+50N	0+37.5W	65	115
1+50N	0+50W	60	100
1+50N	0+62.5W	45	120
1+50N	0+75W	45	90
1+50N	0+87.5W	120	120
1+50N	1+00W	80	80
1+37.5N	1+00E		70
1+37.5N	0+87.5E		85
1+37.5N	0+75E		95
1+37.5N	0+62.5E		140
1+37.5N	0+50E		125
1+37.5N	0+37.5E		240
1+37.5N	0+25E		200
1+37.5N	0+12.5E		320
1+37.5N	BL00		150
1+37.5N	0+12.5W		130
1+37.5N	0+25W		130
1+37.5N	0+37.5W		95
1+37.5N	0+50W		100
1+37.5N	0+62.5W		90
1+37.5N	0+75W		100
1+37.5N	0+87.5W		90
1+37.5N	1+00W		95
1+25N	1+00E		75
1+25N	0+87.5E		90
1+25N	0+75E		110
1+25N	0+62.5E		100
1+25N	0+50E		135
1+25N	0+37.5E		160
1+25N	0+25E		360
1+25N	0+12.5E		280
1+25N	BL00		180
1+25N	0+12.5W		135
1+25N	0+25W		115
1+25N	0+37.5W		120
1+25N	0+50W		100

Line	Station	Scintillometer Reading 1	Scintillometer Reading 2
1+25N	0+62.5W		90
1+25N	0+75W		95
1+25N	0+87.5W		75
1+25N	1+00W		90
1+12.5N	1+00E		75
1+12.5N	0+87.5E		85
1+12.5N	0+75E		90
1+12.5N	0+62.5E		90
1+12.5N	0+50E		110
1+12.5N	0+37.5E		180
1+12.5N	0+25E		500
1+12.5N	0+12.5E		1250
1+12.5N	BL00		160
1+12.5N	0+12.5W		160
1+12.5N	0+25W		130
1+12.5N	0+37.5W		160
1+12.5N	0+50W		90
1+12.5N	0+62.5W		90
1+12.5N	0+75W		85
1+12.5N	0+87.5W		70
1+12.5N	1+00W		70
1+00N	1+00E	45	90
1+00N	0+87.5E	50	80
1+00N	0+75E	65	95
1+00N	0+62.5E	60	105
1+00N	0+50E	70	140
1+00N	0+37.5E	65	150
1+00N	0+25E	160	440
1+00N	0+12.5E	310	630
1+00N	BL00	135	210
1+00N	0+12.5W	75	150
1+00N	0+25W	65	120
1+00N	0+37.5W	100	190
1+00N	0+50W	50	100
1+00N	0+62.5W	65	100
1+00N	0+75W	50	85
1+00N	0+87.5W	45	80
1+00N	1+00W	40	75
0+50N	1+00E	40	
0+50N	0+87.5E	45	
0+50N	0+75E	70	
0+50N	0+62.5E	60	
0+50N	0+50E	65	
0+50N	0+37.5E	85	
0+50N	0+25E	95	
0+50N	0+12.5E	60	
0+50N	BL00	80	
0+50N	0+12.5W	75	
0+50N	0+25W	230	
0+50N	0+37.5W	120	
0+50N	0+50W	75	

Line	Station	Scintillometer Reading 1	Scintillometer Reading 2
0+50N	0+62.5W	40	
0+50N	0+75W	35	
0+50N	0+87.5W	30	
0+50N	1+00W	35	
0+00N	1+00E	30	
0+00N	0+87.5E	35	
0+00N	0+75E	40	
0+00N	0+62.5E	40	
0+00N	0+50E	45	
0+00N	0+37.5E	60	
0+00N	0+25E	50	
0+00N	0+12.5E	115	
0+00N	BL00	85	
0+00N	0+12.5W	90	
0+00N	0+25W	55	
0+00N	0+37.5W	50	
0+00N	0+50W	70	
0+00N	0+62.5W	45	
0+00N	0+75W	50	
0+00N	0+87.5W	40	
0+00N	1+00W	75	

Scintillometer Reading 1 - 2005 survey SAPHYMO SARAT SPP2 scintillometer instrument.
Scintillometer Reading 2 - 2006 survey Ludlum Model 19-10 survey meter instrument.

Appendix 2

Assay Certificate

SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2038 FAX: 705-652-6441

Geological Services Inc
Attn : T.J. Beesley

11 Arcadian Circle
Toronto, Ontario
M8W 2Z1, Canada

Phone:
Fax:

Thursday, October 26, 2006

Date Rec. : 04 October 2006
LR Report : **CA03022-OCT06**
Client Ref : SC 101-106/CAM 101-106

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	U3O8 %	ThO2 %
1: SC 101	< 0.01	0.02
2: SC 102	0.03	0.03
3: SC 103	< 0.01	0.03
4: SC 104	< 0.01	0.15
5: SC 105	0.42	1.72
6: SC 106	< 0.01	0.05
7: CAM 101	< 0.01	0.01
8: CAM 102	< 0.01	0.03
9: CAM 103	< 0.01	0.06
10: CAM 104	< 0.01	< 0.01
11: CAM 105	0.03	< 0.01
12: CAM 106	< 0.01	< 0.01

Debbie Waldon
Project Coordinator,
Minerals Services, Analytical

Email: tjbeesley@rogers.com

OnLine LIMS

Appendix 3

Survey Instruments

Scintillometer

The radiometric 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 15,000 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 grid height.

Alphameter-Radon in Soil Gas

The alphaMETER 400 by AlphaNUCLEAR is a Radon detection and integrating system, a complete package designed for man-carry applications requiring accurate and reliable determination of near surface Radon gas concentrations. Analysis of Radon gas concentrations aids in determining likely locations of buried uranium deposits that may not be detectable by other means. The system detects and integrates the fluctuating presence of radon gas over a relatively short period of time and transforms the integrated data and elapsed time into a visual numeric readout of the relative radon concentrations and the integration time in hours. Radon 222 gas is radioactive and decays with the emission of a 5.49 MeV alpha particle. A silicon diffused junction detector converts an impact on its active surface by an alpha particle onto a minute flow of current. The amount of this current is proportional to the energy of the alpha particle. The current flow is detected and amplified by a charge sensitive amplifier. The output of this amplifier is a series of clipped pulses of constant width. These pulses are integrated (counted) by a 5 decade digital counter, providing a counting capacity or 100,000. The elapsed time counter also has a 5 decade capacity displaying to 999.99 hours. Each assembly thus comprises a silicon detector, amplifier and two 5 decade digital counters. The assembly also contains a 45V battery pack for the bias supply in the detector, and two 9V batteries to power the electronics. To read the instrument one attaches the external display power module to the assembly by a short cable when the user wishes to inspect the accumulated data and elapsed hours stored in the counters. The function of reading the detector inhibits further counting, but has no effect on stored data. The only way to erase the counter to zero is to turn the power OFF then ON (remove and replace the bar magnet seated on the reading face).