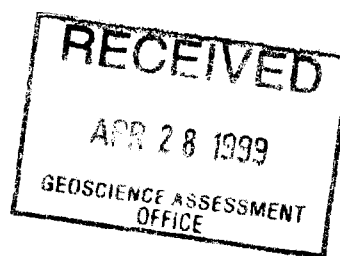




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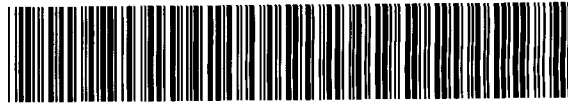
**ASSESSMENT REPORT ON  
THE OKA PROJECT  
1996-1998 DIAMOND DRILLING PROGRAM  
FOR  
SEDEX MINING CORP.  
POWELL TOWNSHIP, LARDER LAKE MINING DIVISION  
MATACHEWAN, ONTARIO  
NTS 41P NE**



**2.19442**

March 31, 1999

Todd Keast



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## **INTRODUCTION**

During the period between November 25 1996 and June 12 1998, Sedex Mining Corp. completed a three phase 2,844.38 metre diamond drill hole program to evaluate the gold potential of the Oka Project. The purpose of the drill program was to follow up on geological, geophysical and geochemical targets identified during previous exploration programs by the company. Significant gold mineralization was intersected in a number of holes at two separate locations on the property.

The Oka Project is located in the Matachewan greenstone belt, of the Larder Lake Mining Division. The greenstone belt is situated along the highly productive Kirkland-Larder Lake-Cadillac Break, which has produced in excess 40 million ounces of gold. The Matachewan gold camp has a long history of exploration and mining activity. A total of nine hundred and fifty thousand ounces of gold have been produced from the camp. The majority of production has come from the Matachewan Consolidated Mine and the Young-Davidson Mine. Recent work by Royal Oak Mines on these same properties has identified a mineable reserve of eight hundred thousand ounces. The Oka Project is strategically located adjacent to Royal Oak's property, along the same major structure.

The geology of the property includes syenite porphyry intrusions, pervasive widespread pyrite mineralization, and wide zones of anomalous gold mineralization along the syenite contacts. The geology is very similar to that of the adjacent Matachewan Consolidated Mine property. Further work is recommended for the Oka Project. Mechanical stripping, geological mapping and diamond drilling is recommended to further evaluate the project.

## **LOCATION AND ACCESS**

The Oka Project is located two kilometres northwest of the town of Matachewan, Ontario, and approximately fifty five kilometres southwest of the town of Kirkland Lake, Ontario (**Figure 1**). The property is situated in Powell Township, in the Larder Lake Mining Division. The latitude and longitude of the property is 80 40' E and 47 57' N respectively.



Figure 1

Access to the property is excellent. Highway 566 from the town of Matachewan, passes two kilometres southwest of the property. A gravel road is used to access the southern portion of the property. Old drill trails are used to access the north portions of the property.

## **PROPERTY**

The Oka Project consists of ten contiguous unpatented mining claims located in Powell Township in the Larder Lake Mining Division (**Figure 2**). The claims are optioned from a group of local prospectors. A listing of claims is enclosed in **Table 1**.

**Table 1: Oka Project Claim List**

<b>Claim No.</b>	<b>Claim Units</b>
L. 1225271	1
L. 1223283	1
L. 1223284	1
L. 1223285	1
L. 1223286	1
L. 1223287	1
L. 1223288	1
L. 1206147	1
L. 1206148	1
L. 1206150	1
	10 claim units

## **TOPOGRAPHY**

Approximately one tenth of the area covered by the Oka Project is overlain by Otisse Lake. The surrounding area is characterized by a series of steep north-south trending ridges of diabase dykes, which define drainage. The vegetation consists predominantly of cedar, alder and hazel in the low areas, and a mixture of poplar and spruce in the high areas. Outcrop exposure is approximately five to ten percent.

## **REGIONAL GEOLOGY**

The property lies within the Watabeag Assemblage of the Abitibi Subprovince. The general geology of the Matachewan area has been described in 1967 by H. L. Lovell of

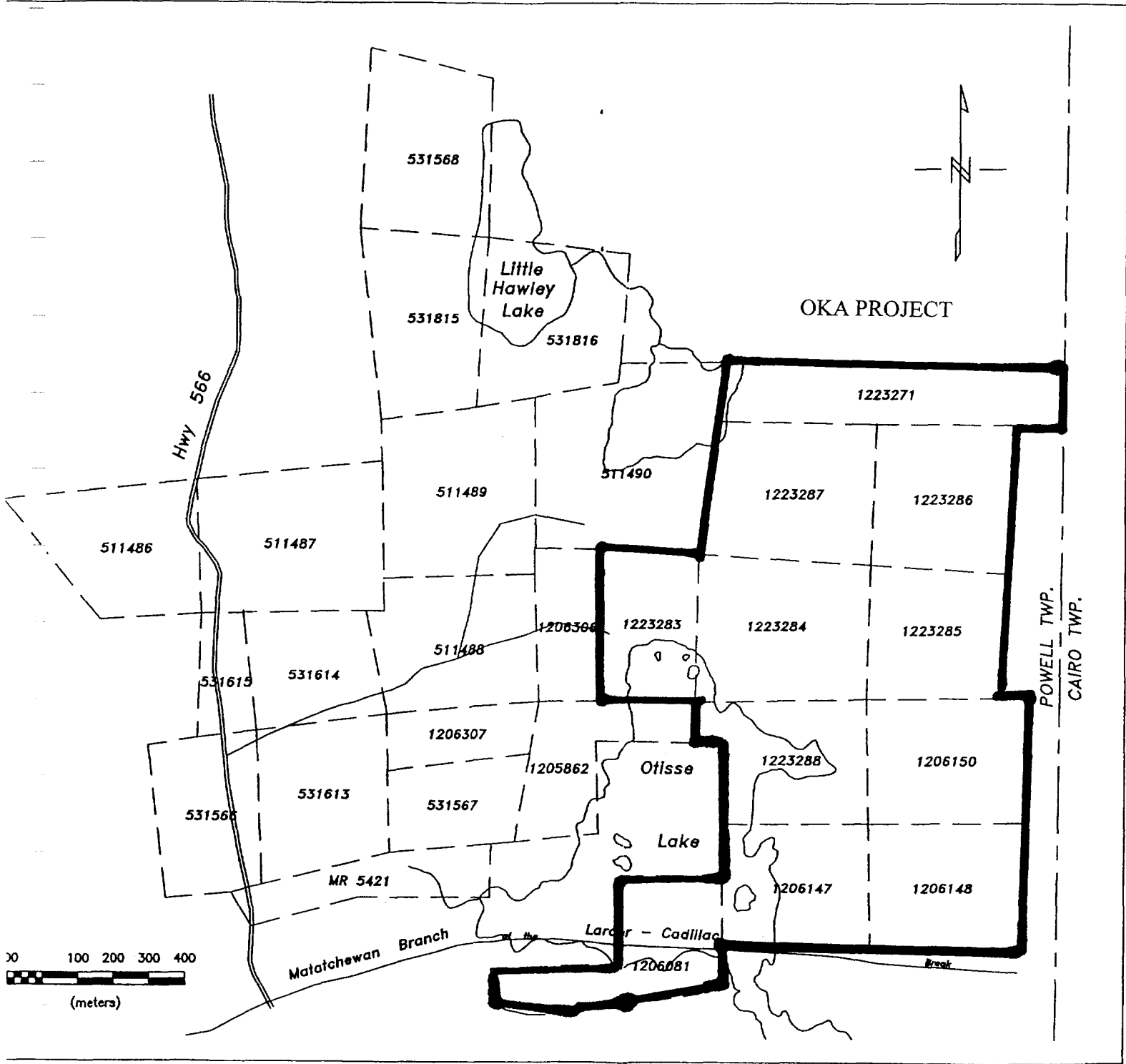


Figure 2

the Ontario Geological Survey (O.G.S.), (G.R. 51, Map 2110). In addition, L . Jensen of the O.G.S. has recently mapped portions of Powell township (O.G.S. Map 3356).

The dominant geological feature of the region is the Cairo stock, a large syenite intrusion centered in Cairo Township. A number of trachytic syenite and syenite porphyry dykes and sills associated with the Cairo stock intrude the surrounding volcanic units.

Tholeiitic basalt and andesite flows, with minor iron formation and inter-flow sediments possibly correlate with the Kinojevis Group (Jensen 1979), in Kirkland Lake. The sequence of volcanic rocks are isoclinally folded with the axial plane orientated at Az 070°.

A sequence of sedimentary and alkalic volcanic rocks of the Timiskaming Group (Lovell 1967; Jensen, 1979), unconformably overlies the volcanic rocks. The Timiskaming Group contains distinctive fluvial conglomerates and greywackes and is spatially associated with the Kirkland-Larder Lake - Cadillac Break. Granitic to dioritic intrusions, are present mainly in the north and southeastern parts of the region. All rocks are intruded by north trending diabase dykes, belonging to the Matachewan swarm. In the southeast and southwest, proterozoic sedimentary rocks of the Cobalt Group, mainly conglomerates, unconformably overlie the older rocks.

### **ECONOMIC MINERALIZATION**

Gold deposits of the Abitibi Subprovince are generally situated within a few kilometres of two major structural breaks, the Kirkland-Larder Lake - Cadillac Break, and the Destor - Porcupine Break. Production in excess of one hundred million ounces has come from areas proximal to these two major deformation zones. This spatial association makes the areas along these breaks key exploration targets. Recent mapping by the O.G.S. (Jensen, 1996), has identified and extended the Kirkland-Larder Lake - Cadillac Break from Kirkland Lake through to the Matachewan area.

The Matachewan area has a long history of exploration and mining dating back to 1906. Between the period of 1934 to 1957, in excess of nine hundred and fifty thousand (950,000), ounces of gold were produced in the Matachewan camp. The majority of this production was from two mines, the Young-Davidson Mine and the Matachewan Consolidated Mine (**Table 2**). Royal Oak Mines, who now owns both the Young-Davidson Mine and Matachewan Consolidated Mine, has recently defined a mineable reserve in excess of eight hundred thousand ounces (800,000) of gold (Royal Oak Mines Annual Report, 1995). This reserve includes open pit and underground material. An aggressive exploration program is continuing on this property in hopes of bringing it into production.

**Table 2**  
**Gold Deposits of the Matachewan Area**

<b>Deposit Name</b>	<b>Years of Operation</b>	<b>Ounces Au</b>	<b>Grade oz/t</b>	<b>Type</b>	<b>Nature of Ore</b>
<b>Young-Davidson</b>	1934-57	585,690	0.10	Syenite	Auriferous pyrite in quartz stockwork.
<b>Matachewan Consolidated</b>	1934-54	378,101	0.11	Syenite, Volcanic	Auriferous pyrite in quartz stockwork
<b>Ryan Lake</b>	1948-57	1,352	0.01	Porphyry Copper	Auriferous chalcopryite in quartz stockwork
<b>Total</b>		965,143			

Gold deposits and showings of the Matachewan area are subdivided into four types (Sinclair, 1982). These types are based on rock type, associated sulphide mineral assemblage, and associated alteration assemblage. The four types are, syenite hosted, volcanic hosted, porphyry copper, and quartz vein. The majority of production (85%), has come from the syenite hosted type deposits (**Table 2**).

Syenite hosted deposits are relatively large, one to five million tons, with an average grade of 0.1 oz/ton. The two largest deposits, Young-Davidson and Matachewan Consolidated, are of the syenite hosted type. They occur at opposite ends of a large



trachytic syenite 3,000 feet long and 600 feet wide. The syenite trends east-west and is oriented sub-parallel and proximal to the contact between the volcanic rocks and sedimentary rocks. The syenite is foliated at the contacts, and generally massive in the interiors. Gold bearing syenite is typically pink to red, highly fractured and cut by quartz and quartz carbonate veins. They contain 2-3% disseminated pyrite, with some pyrite in quartz veins but rarely in quartz carbonate veins. Gold occurs as native gold associated with pyrite. Minor chalcopyrite, galena, and molybdenum are associated with the disseminated pyrite.

The Matachewan syenite hosted gold deposits are similar in some respects to the Kirkland Lake gold deposits. The Matachewan deposits are situated along the Kirkland-Larder Lake - Cadillac Break (Matachewan Branch, Jensen, 1995), as are the Kirkland Lake deposits (04 Break). Similarly, the Matachewan Deposits are hosted within syenite intrusions, as are the Kirkland Lake deposits. The Kirkland Lake deposits differ in that they consist mainly of narrow high-grade quartz veins, and quartz vein stockworks and breccia zones. Although the average recovered grade for the Kirkland Lake camp (0.51 oz/ton), is much higher than the Matachewan camp (0.10 oz/ton), the gold-silver ratio (4.3: 1) is very similar (Sinclair, 1982).

## **PREVIOUS WORK**

The area has a long history of exploration activities for a variety of different metals dating back to 1906. A summary of work relevant to the Oka Project is outlined below in chronological order.

### ***Culver Gold Mines Limited (1928):***

Culver Gold Mines reported having the first professional geologist examine the property. In 1928 an engineer by the name of Huntoon, reported favorably on the project. It was his report, which led to drilling and trenching on the property. Diamond drilling commenced in 1934, with little encouragement. The best intersection was a five-foot

section of 0.22 oz/ton gold. A total of 6,700 feet were drilled at a number of unknown locations on the property.

***O'Connell Gold Mines (1935):***

In 1934-1935 O'Connell Gold Mines completed work on claim L 1206147. The following description of work is included on page 37 of O.G.S. Report 51, Geology of the Matachewan Area: "A shaft is being sunk to explore a quartz vein, from which values have been reported by the company; this shaft has reached a depth of 75 feet in July 1934. The vein reached a width of 1.4 feet and is mineralized with chalcopyrite, pyrite, and tourmaline. It is vertical and strikes northeast, parallel to the schistosity in the soft, grey altered greywackes, which form the country rock. The vein could be followed only a short distance, owing to the fact that it has been faulted". No further work was reported by O'Connell Gold Mines.

***Bloom Lake Consolidated Gold Mine (1937):***

Bloom Lake Consolidated Gold Mines obtained the property and extended the existing shaft to a depth of 125 feet. Results of this work are unknown. Further work was not reported by the company.

***F. J. Garbutt (1974):***

F. J. Garbutt completed a magnetometer survey on a portion of the property situated over Otisse Lake. The survey outlined one strong magnetic horizon oriented in a north-south orientation, possibly a diabase dyke. Follow up work was not reported.

***Texasgulf Canada Limited (1975):***

Texasgulf Canada Limited optioned the claims from F. J. Garbutt. Texasgulf completed a VLF electromagnetic survey on the property. No significant anomalies were identified and the property was returned.

***Dr. F. Yandel (1975):***

Dr. F. Yandel acquired the property and contracted Cana Exploration Consultants Ltd. to perform Magnetometer, VLF, Vertical Loop EM, and geological surveys on the north portion of the property. The magnetometer survey identified a number of magnetic high zones found later to be diabase dykes. The VLF survey identified three conductive zones. The Vertical EM survey identified a number of marginal conductors. The geological mapping identified the main lithology types in the area, syenite intrusions, mafic volcanics, diabase dyke and sediments. A number of old trenches and drill hole setups were identified in the mapping program. Widespread pyrite mineralization was noted on the property. Follow up work was not recorded

***Sylva Explorations Ltd.. (1979-1980)***

Sylva Explorations Ltd. acquired the property and completed, geophysical surveys including magnetometer, VLF, Self Potential surveys, as well as geochemical surveys. Five geophysical targets were outlined. Two diamond drill holes were drilled to test anomalies on Otisse lake. The holes encountered sulphide mineralization in the greywacke and conglomerate units. Significant gold assays were not returned. No further work was reported, so it is unknown if the geophysical anomalies were ever followed up on.

***Otis J. Explorations-Sedex Mining Corp. (1996)***

Otis J. Explorations optioned the property in 1996. The company recently changed it's name to Sedex Mining Corp. In 1996 Sedex completed IP geophysical surveys, magnetometer surveys, limited drilling (405.38m), and limited mechanical stripping and sampling. Results of these programs have previously been submitted for assessment purposes.

**1996-1998 DIAMOND DRILL PROGRAM**

The diamond drilling program was completed in three separate phases between the period of November 25 1996 and June 12 1998. Diamond drilling was focussed on testing geological, geophysical and geochemical anomalies identified in previous work programs.

The results of the drilling are discussed below. Diamond drill logs are included in APPENDIX I, assay certificates are included in APPENDIX II. Drill sections are enclosed in the back pocket and a location plan (**Map 1**) is enclosed in the back pocket.

*DDH SO-96-4* was drilled on line 0+00 E / 1+60 S, at -60 grid north to test a wide zone of anomalous gold mineralization in a previous hole (SO-96-3), and to test a recently stripped area that returned anomalous gold assays. The hole intersected diabase dyke, altered syenite, altered conglomerate, syenite, and conglomerate. Widespread alteration and pyrite mineralization was present throughout the majority of the hole. A number of wide low-grade intersections were encountered as well as one significant higher-grade interval, **Table 3**.

**TABLE 3 SO-96-4 Au Averages**

<b>From</b>	<b>To</b>	<b>Width</b>	<b>Assay PPB Au</b>
32.00	84.00	52.00	434
44.00	49.00	5.00	1641
56.00	62.00	6.00	1274
124.85	137.00	12.15	304
141.50	173.22	31.72	220
198.00	270.00	72.00	1006
208.00	214.00	6.00	6165

The most significant intervals are the 72.0 metres wide section that **averaged 1.06 gm/t Au**, within which was contained the higher-grade interval of **6.16 gm/t Au over 6.0 metres**.

*DDH SO-96-5* was drilled on line 0+00 E / 1+60 S, at -45 grid north to test a wide zone of anomalous gold mineralization intersected a previous hole (SO-96-4), and to test a recently stripped area that returned anomalous gold assays. The hole intersected diabase dyke, altered syenite, altered conglomerate, syenite, and conglomerate. Widespread alteration and pyrite mineralization was present throughout the majority of the hole. A number of wide low-grade intersections were encountered as well as one higher-grade interval enclosed on **Table 4**.

**Table 4 SO-96-5 Au Averages**

<b>From</b>	<b>To</b>	<b>Width</b>	<b>PPB AU</b>
15.90	73.00	57.10	224
128.00	133.00	5.00	462
161.00	176.00	15.00	297
227.00	272.00	45.00	462
249.00	256.00	7.00	1036

*DDH SO-96-6* was drilled on line 8+00 E / 5+25 N, at -45 grid north to test a gold showing that returned surface grab sample assay results up to **2.0 gm/t Au**. The hole intersected quartz chlorite carbonate schist, gabbro and diabase dyke. The hole encountered diabase dyke at the targeted depth of the gold showing. One sample from the quartz chlorite carbonate schist returned **341 PPB Au**.

*DDH SO-96-7* was drilled on line 0+00 E / 0+00 N, at -60 grid south to test a wide zone of anomalous gold mineralization intersected in previous holes (SO-96-4, and SO-96-5), and to test a recently stripped area that returned anomalous gold assays. The hole intersected quartz carbonate chlorite schist, diabase dyke, altered conglomerate, and conglomerate. Widespread alteration and pyrite mineralization was present throughout a portion of the hole. One wide low-grade intersection was encountered, **Table 5**.

**Table 5 SO-96-7 Au Averages**

<b>From</b>	<b>To</b>	<b>Width</b>	<b>PPB AU</b>
143.00	197.00	54.00	218
189.00	196.00	7.00	705

*DDH SO-96-8* was drilled on line 1+00 W / 1+25 S, at -45 grid north to test a wide zone of anomalous gold mineralization intersected in previous holes (SO-96-4, and SO-96-5), and to test a recently stripped area that returned anomalous gold assays. The hole intersected greywacke, altered syenite, altered conglomerate, and conglomerate. Narrow sections of intense alteration with widespread pyrite mineralization was present throughout the hole. The highest assay returned was **251 PPB Au over 1 metre**.

*DDH SO-97-9* was drilled on line 3+00 E / 3+50 S, at -45 grid north to test a wide zone of anomalous gold mineralization intersected in previous holes (SO-96-4, and SO-96-5). The hole intersected a section of tectonic breccia, sheared ultramafic flows, lamprophyre dykes, quartz carbonate chlorite schist, sheared greywacke, and syenite. The highest assay returned was **238 PPB Au over 1 metre**.

*DDH SO-97-10* was drilled on line 5+00 E / 5+25 N, at -45 grid north to test an IP anomaly. The hole intersected altered conglomerate, and conglomerate. Weak alteration with scattered sections of pyrite mineralization was present throughout portions of the hole. Significant gold mineralization was not encountered.

*DDH-98-11* was drilled on line 9+07 E / 12+07 N, at -45 grid south to test a surface gold showing with a coincident soil geochemical anomaly. The hole intersected chlorite carbonate schist, altered mafic volcanic flows, syenite porphyry, lamprophyre dykes, and mafic lapilli tuffs. Weak alteration with moderate pyrite mineralization was present throughout the entirety of the hole. The majority of samples from this hole returned anomalous gold assays with several significant higher grade sections. One interval 36.40m to 101.0m averaged **0.78 gm/t Au over 64.6m**. Within this low grade section is a higher grade interval from 64.0m to 68.0m that averaged **3.10 gm/t Au over 4.0m**. Assay intervals are included in **Table 6**.

**Table 6 SO-98-11 Au Averages**

<b>From</b>	<b>To</b>	<b>Width</b>	<b>PPB AU</b>
48.00	55.50	7.50	1181
51.50	55.50	4.00	1464
64.00	68.00	4.00	3103
64.00	74.00	10.00	1913
59.90	74.00	14.10	1697
59.90	97.00	37.10	1000
36.40	101.00	64.60	784
48.00	101.00	53.00	905

*DDH-98-12* was drilled on line 10+00 E / 12+07 N, at -45 grid south to test a surface gold showing with a coincident soil geochemical anomaly. The hole intersected chlorite carbonate schist, altered mafic volcanic flows, syenite porphyry, lamprophyre dykes, and tectonic breccia. Weak alteration with moderate pyrite mineralization was present throughout the entirety of the hole. A number of samples from this hole returned anomalous gold assays. One interval from 34.50m to 113.50m **averaged 0.21 gm/t Au over 79.0m**. Assay intervals are included in Table 7.

**Table 7 SO-98-12 Au Averages**

<b>From</b>	<b>To</b>	<b>Width</b>	<b>PPB AU</b>
34.50	113.50	79.00	207
49.50	85.24	35.74	283
101.50	111.00	9.50	304
131.50	138.00	6.50	382
42.50	138.00	95.50	192
49.50	85.24	35.74	284

*DDH-98-13* was drilled on line 9+00 E / 11+25 N, at -45 grid north to test a surface gold showing with a coincident soil geochemical anomaly. The hole intersected chlorite carbonate schist, altered mafic volcanic flows, syenite porphyry, lamprophyre dykes, and diabase dyke. Weak alteration with moderate pyrite mineralization was present throughout the entirety of the hole. A number of samples from this hole returned anomalous gold assays. One interval from 6.25m to 65.35m **averaged 1.04 gm/t Au over 59.05m**, and included a higher grade interval that **averaged 4.98 gm/t Au over 4.85m**. Assay intervals are included in Table 8.

**Table 8 SO-98-13 Au Averages**

<b>From</b>	<b>To</b>	<b>Width</b>	<b>PPB AU</b>
6.25	11.30	5.05	824
40.00	44.00	4.00	1717
60.50	63.50	3.00	6914
60.50	65.35	4.85	4984
6.30	65.35	59.05	1040
69.90	87.35	17.45	229

DDH-98-14 was drilled on line 10+00 E / 11+15 N, at -45 grid north to test a surface gold showing with a coincident soil geochemical anomaly. The hole intersected mafic volcanic flows, chlorite carbonate schist, altered mafic volcanic flows, syenite porphyry, lamprophyre dykes, and tectonic breccia. Weak alteration with moderate pyrite mineralization was present throughout the entirety of the hole. The majority of samples from this hole returned anomalous gold assays. The interval from 3.30m to 80.50m averaged **0.43 gm/t Au over 77.20m**, and included on higher grade interval that averaged **1.78gm/t Au over 5.50m**. Assay intervals are included in **Table 9**.

**Table 9 SO-98-14 Au Averages**

<b>From</b>	<b>To</b>	<b>Width</b>	<b>PPB AU</b>
21.00	24.00	3.00	2458
21.00	26.50	5.50	1786
13.00	26.50	13.50	1082
76.50	78.50	2.00	2280
3.30	80.50	77.20	431

DDH-98-15 was drilled on line 9+00 E / 10+95 N, at -45 grid north to test a surface gold showing with a coincident soil geochemical anomaly. The hole intersected mafic volcanic flows, chlorite carbonate schist, altered mafic volcanic flows, syenite porphyry, lamprophyre dykes, and diabase dyke. Weak alteration with moderate pyrite mineralization was present throughout the entirety of the hole. The majority of samples from this hole returned anomalous gold assays. The interval from 6.00m to 120.70m averaged **0.79 gm/t Au over 114.70m**, and included a higher-grade interval that averaged **3.12gm/t Au over 12.0m**. Assay intervals are included in **Table 10**.

**Table 10 SO-98-15 Au Averages**

<b>From</b>	<b>To</b>	<b>Width</b>	<b>PPB AU</b>
6.00	10.00	4.00	1788
6.00	18.00	12.00	3199
74.00	77.00	3.00	1598
74.00	87.00	13.00	1557
83.00	87.00	4.00	3447
6.00	97.90	91.90	948
6.00	120.70	114.70	792



*DDH-98-16* was drilled on line 8+00 E / 12+00 N, at -45 grid north to test a surface gold showing with a coincident soil geochemical anomaly. The hole intersected mafic volcanic flows, chlorite carbonate schist, altered mafic volcanic flows, syenite porphyry, lamprophyre dykes. Weak alteration with moderate pyrite mineralization was present throughout the entirety of the hole. The majority of samples from this hole returned anomalous gold assays. The interval from 4.0m to 88.0.0m **averaged 0.39 gm/t Au over 84.0m**. Assay intervals are included in **Table 11**.

**Table 11 SO-98-16 Au Averages**

<b>From</b>	<b>To</b>	<b>Width</b>	<b>PPB AU</b>
4.00	34.00	30.00	448
37.70	44.00	6.30	715
62.00	88.00	26.00	478
74.00	87.00	13.00	380
83.00	87.00	4.00	250
4.00	88.00	84.00	392

*DDH-98-17* was drilled on line 9+00 E / 10+25 N, at -45 grid north to test a surface gold showing with a coincident soil geochemical anomaly. The hole intersected mafic volcanic flows, chlorite carbonate schist, altered mafic volcanic flows, lapilli tuffs, iron formation, syenite porphyry, lamprophyre dykes and diabase dykes. Weak alteration with moderate pyrite mineralization was present throughout the entirety of the hole. A number of samples from this hole returned anomalous gold assays. The interval from 81.0m to 175.5m **averaged 0.37 gm/t Au over 94.5m**, which includes a higher grade interval of **3.05 gm/t Au over 4.0m**. Assay intervals are included in **Table 12**.

**Table 12 SO-98-17 Au Averages**

<b>From</b>	<b>To</b>	<b>Width</b>	<b>PPB AU</b>
5.00	9.40	4.40	445
17.00	29.00	12.00	318
43.76	48.00	4.24	469
81.00	175.50	94.50	368
122.00	138.00	16.00	1028
130.00	137.00	7.00	2106
132.00	137.00	5.00	2636
133.00	137.00	4.00	3055
150.00	175.50	25.50	263
122.00	175.50	53.50	455
2.00	175.70	173.70	257

*DDH-98-18* was drilled on line 9+00 E / 8+90 N, at -50 Az 60° to test an electromagnetic (EM) anomaly. The hole intersected mafic volcanic flows, lapilli tuffs, iron formation. The source of the EM anomaly was the iron formation. A number of anomalous gold assays were returned from the hole however the majority of the samples were low.

## **CONCLUSIONS AND RECOMMENDATIONS**

The Oka Project is situated on the highly productive Kirkland-Larder Lake - Cadillac break. In excess of forty million ounces of gold have been produced from areas along this structure. The Oka project is located adjacent to two past producing mines, the Matachewan Consolidated Mine and Young-Davidson Mine. These two mines produced in excess of nine hundred and fifty thousand ounces of gold. Recently, Royal Oak Mines has identified an additional eight hundred thousand ounces of gold on these same properties.

The geology of the Oka Project is similar in rock type and structural setting to the Matachewan Consolidated Mine and Young-Davidson Mine. The geology consists of syenite intrusions, and wide zones of anomalous gold mineralization along the syenite-sediment/volcanic contacts. Diamond drilling on two separate areas on the property has identified significant anomalous gold mineralization. The south area (SO-96-4 to SO 97-9) includes a major structure containing alteration, mineralization, and syenite intrusions similar to that on the adjacent Matachewan Consolidated Mine Property. Additional diamond drilling is recommended to further delineate the gold mineralization encountered to date, in particular in SO-96-4 which intersected a 72.0 metres wide section that **averaged 1.06 gm/t Au**, within which was contained the higher-grade interval of **6.16 gm/t Au over 6.0 metres**.

Diamond drilling on the north area (SO-98-11 to SO-98-17) has identified a new gold showing, and has delineated the zone 200 metres along strike. The gold zone remains open along strike in both directions, and open down dip. Geochemical surveys, which

were the basis of the work which lead to the discovery, indicates substantial strike length to the zone, in excess of 700 metres. Additional drilling should test the zone along strike and down dip.

Mechanical stripping, and limited geophysical surveys, in addition to the diamond drilling, may also be warranted for these two promising areas

## REFERENCES

### Assessment File Data:

Culver Gold Mines (1928), Internal correspondence Documents.

O'Connell Gold Mines (1935)

Bloom Lake Consolidated Gold Mine (1937)

F. J. Garbutt (1974) Geophysical Survey.

Texasgulf Canada Limited (1975) Geophysical Survey.

Dr. F. Yandel (1975) Geophysical and Geological Surveys.

Sylva Explorations Ltd.. (1979-1980) Geophysical, Geochemical, and Geological Surveys.

### References:

Jensen, L. S. 1995

Precambrian Geology Powell Township, Ontario Geological Survey. Scale 1:20,000, uncoloured.

Lovell H. L., 1967

Geology of the Matachewan Area; Ontario Department of Mines Geological Report 51 Exploration, 61 p. Accompanied by coloured geological maps 2109, 2110, scale 1 inch to 1/2 mile.

Powell, W. G., Hodgson, C. J. and Carmichael, D. M. 1990

Tectono-metamorphic Character of the Matachewan Area, Northeast Ontario. Geoscience Research Grant Program, Summary of Research 1989-1990. p. 56-65. O.G.S. Miscellaneous Paper 150.

Pyke, D.R., Ayers, L.D. and Innes, D.G. 1973.

Timmins-Kirkland Lake; Ontario Department of Mines, Geological Compilation Series, Map 2205.

Royal Oak Mines, 1995

Royal Oak Mines Annual Report 1995.

Sinclair, W. D. 1982

Gold Deposits of the Matachewan Area, in *Geology of Canadian Gold Deposits*, edited by R. W. Hodder and W. Petruk, Canadian Institute of Mining and Metallurgy, Special Volume 24, p. 83-93.

## CERTIFICATE OF QUALIFICATIONS

I, **Todd Keast**, of 1204 Grace Ave., Porcupine, Ontario, do hereby certify that:

1. I am an Exploration Geologist, contracted by Sedex Mining Corp., of Vancouver, B.C.
2. I am a graduate of the University of Manitoba, Winnipeg, Manitoba, having received an Honors Bachelor of Science (Geology), in 1986.
3. I have practiced in the field of mineral exploration since 1987, for a number of exploration companies throughout Manitoba, Ontario, and Quebec.
4. I am an Associate of the Geological Association of Canada.
5. I am a member of the Canadian Institute of Mining, Metallurgy and Petroleum.

Dated at Porcupine, Ontario, this 31st day of March, 1999.

A handwritten signature in black ink that reads "Todd Keast". The signature is written in a cursive style with a long horizontal stroke extending to the right.

Todd Keast, B.Sc.

**APPENDIX I**

**DDH LOGS AND SECTIONS**





From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
			9744	68.00	69.00	1.00	65	
			9745	69.00	70.00	1.00	108	
			9746	70.00	71.00	1.00	190	
			9747	71.00	72.00	1.00	121	
			9748	72.00	73.00	1.00	414	
			9749	73.00	74.00	1.00	88	
			9750	74.00	75.00	1.00	220	
			9751	75.00	76.00	1.00	137	
			9752	76.00	77.00	1.00	118	
76.50	173.22	ALTERED CONGLOMERATE						
		Light-dark green, moderately foliated. Rare clasts/fragments up to 1 cm, rounded. Chloritic-sericitic matrix, weak carbonate, 1-3% disseminated pyrite. Trace cpy. Scattered sections have weak K-feldspar alteration, reddish-brown tinge. Strongly magnetic, M.S. 15.0-30.0. Local massive sections, possible greywacke interbeds. (Possible mafic volcanics). Rare 1 mm. Carbonate veinlets. Pervasive silicification, H.>5. Foliation at 90.0 m. 45 deg. To C.A.	9753	77.00	78.00	1.00	239	
			9754	78.00	79.00	1.00	139	
			9755	79.00	80.00	1.00	137	
			9756	80.00	81.00	1.00	482	
			9757	81.00	82.00	1.00	48	
			9758	82.00	83.00	1.00	363	
			9759	83.00	84.00	1.00	199	
			9760	84.00	85.00	1.00	23	
		93.25 97.00 Massive altered greywacke. Tr.-1% pyrite.	9761	85.00	86.00	1.00	57	
			9762	86.00	87.00	1.00	11	
		98.00 101.80 Strong foliation 30 deg. To C.A. K-feldspar. Quartz, carbonate alteration. 3-5% pyrite.	9763	87.00	88.00	1.00	36	
			9764	88.00	89.00	1.00	29	
		107.52 Fine grained chill margin 35 deg. To C.A. Weakly brecciated. No lower contact.	9765	96.00	97.00	1.00	117	
			9766	97.00	98.00	1.00	148	
			9767	98.00	99.00	1.00	326	
		108.75 3-5% 1 cm. Rounded clasts. Chlorite, quartz carbonate alteration overprint continues downhole.	9768	99.00	100.00	1.00	91	
			9769	100.00	101.00	1.00	129	
			9770	101.00	102.00	1.00	129	
		112.95 116.30 Feldspar porphyry dyke 20 deg. To C.A. Strong carbonate alteration downhole, pervasive and 1 mm. Stringers. Tr.-1% pyrite.	9771	102.00	103.00	1.00	40	
			9772	103.00	104.00	1.00	104	
			9773	104.00	105.00	1.00	47	
		124.85 136.00 Moderate-strong foliation, 35 deg. To C.A. Pervasive quartz K-feldspar alteration, carbonate weak, mainly in 1 mm. Veins and stringers. 1-3% pyrite, local brecciated sections. Strong chlorite alteration, bluish-green.	9774	113.00	114.00	1.00	35	
			9775	114.00	115.00	1.00	35	
			9776	115.00	116.00	1.00	26	
			9777	116.00	117.00	1.00	12	
		125.40 128.50 5-7% disseminated pyrite.	9778	117.00	118.00	1.00	36	
			9779	124.00	124.85	.85	37	
		129.40 129.90 10-15% disseminated pyrite.	9780	124.85	126.00	1.15	170	
			9781	126.00	127.00	1.00	217	
		134.00 136.00 7-10% disseminated pyrite.	9782	127.00	128.00	1.00	319	
			9783	128.00	129.00	1.00	486	
		M.S. Through altered section 0-3.50. At 136.00 m. Increasing downhole, strong pervasive carbonate alteration.	9784	129.00	130.00	1.00	324	
			9785	130.00	131.00	1.00	132	
			9786	131.00	132.00	1.00	158	
		142.50 150.10 Strongly altered section. Pervasive silicification, strong sericite, weak carbonate alteration restricted to 1-2% stringers. 7-10% disseminated pyrite. Moderate-strong foliation, moderate brecciation. Foliation 40 deg. To C.A. M.S. 0.10-1.50.	9787	132.00	133.00	1.00	261	
			9788	133.00	134.00	1.00	168	
			9789	134.00	135.00	1.00	658	
			9790	135.00	136.00	1.00	508	
		Strong pervasive carbonate alteration downhole. Strong chlorite alteration. 3-5% disseminated pyrite, locally 7-10% pyrite. M.S. 0.20. Generally massive section greywacke.	9791	136.00	137.00	1.00	268	
			9792	141.50	142.50	1.00	64	
			9793	142.50	143.50	1.00	196	
		162.50 Strong pervasive silicification and sericite alteration. Weak carbonate alteration, moderate foliation 35 deg. To C.A. 10-15% disseminated pyrite. M.S. 0.10, brecciated texture.	9794	143.50	144.50	1.00	637	
			9795	144.50	145.50	1.00	732	
			9796	145.50	146.50	1.00	409	
			9797	146.50	147.50	1.00	139	
			9798	147.50	148.50	1.00	163	
			9799	148.50	149.50	1.00	184	
		Alteration increases downhole brecciation/clast content increases downhole. K-feldspar alteration weak-moderate in last 2 metres.	9800	149.50	150.10	.60	145	
			9801	150.10	151.00	.90	258	
			9802	151.00	152.00	1.00	727	
			9803	152.00	153.00	1.00	108	
			9804	153.00	154.00	1.00	227	
			9805	154.00	155.00	1.00	79	
			9806	155.00	156.00	1.00	42	
			9807	156.00	157.00	1.00	68	
			9808	157.00	158.00	1.00	72	
			9809	158.00	159.00	1.00	242	
			9810	159.00	160.00	1.00	299	
			9811	160.00	161.00	1.00	356	
			9812	161.00	162.00	1.00	288	
			9813	162.00	163.00	1.00	257	
			9814	163.00	164.00	1.00	179	
			9815	164.00	165.00	1.00	157	

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
			9816	165.00	166.00	1.00	139	
			9817	166.00	167.00	1.00	95	
			9818	167.00	168.00	1.00	97	
			9819	168.00	169.00	1.00	67	
			9820	169.00	170.00	1.00	131	
			9821	170.00	171.00	1.00	85	
			9822	171.00	172.00	1.00	89	
			9823	172.00	172.50	.50	204	
			9824	172.50	173.22	.72	310	
173.22	201.70	DIABASE DYKE  Dark green, fine grained, massive crystallin texture, weakly foliated. M.S. 20-25. Sharp upper contact 40 deg. To C.A.	9825	195.00	196.00	1.00		
			9826	196.00	197.00	1.00		
			9827	197.00	198.00	1.00	26	
			9828	198.00	199.00	1.00	155	
		195.30 201.00 Moderate-strong foliation. Strong K-feldspar alteration, highly brecciated. 5-7% disseminated pyrite. 1-3% quartz carbonate stringers. Strong pervassive quartz and carbonate alteration. Lower contact 10 deg. To C.A.	9829	199.00	200.00	1.00	159	
			9830	200.00	201.00	1.00	359	
			9831	201.00	202.00	1.00	235	
201.70	275.40	ALTERED CONGLOMERATE  Light green-brown, moderate-strong foliation. Numerous angular and rounded clasts, possible tectonic brecciation. Highly altered, pervassive quartz carbonate sericite and chlorite alteration. Hardness >5.0, 7-10% fined grained disseminated pyrite. Trace chalcopyrite. M.S. 0.20.  Sulphide content increases downhole. 7-10% disseminated pyrite, weak- moderate carbonate alteration.	9832	202.00	203.00	1.00	550	
			9833	203.00	204.00	1.00	1410	1.61
			9834	204.00	205.00	1.00	599	
			9835	205.00	206.00	1.00	415	
			9836	206.00	207.00	1.00	233	
			9837	207.00	208.00	1.00	153	
			9838	208.00	209.00	1.00	1761	1.41
			9839	209.00	210.00	1.00	2894	2.47
		222.60 Strong foliation, fault 60 deg to CA. 5-7% pyrite, 1-2% quartz carbonate veins 45 deg. To C.A.	9840	210.00	211.00	1.00	1526	1.23
			9841	211.00	212.00	1.00	25488	23.45
			9842	212.00	213.00	1.00	929	
		Below 222.60 Massive conglomerate. 10-15% distinct clasts of various compositions. Matrix supported clasts up to 2.5 cm. In diameter. Pervassive silicification and sericitization give the unit a buff colour. No pervassive carbonate alteration as in above section. 1-3% quartz- carbonate veins. Granular-grey wacke matrix. At 230 m. Foliation > 25 deg. To C.A. 3-5% disseminated pyrite, trace chalcopyrite.	9843	213.00	214.00	1.00	4392	4.87
			9844	214.00	215.00	1.00	494	
			ST4	215.00	216.00	1.00	761	
			ST1	216.00	217.00	1.00	215	
			ST2	217.00	218.00	1.00	288	
			ST3	218.00	219.00	1.00	239	
		229.00 233.00 Slightly higher sericite alteration, rare scattered fucssite clasts up to 1 cm.	9845	219.00	220.00	1.00	186	
			9846	220.00	221.00	1.00	1006	1.47
		238.00 240.00 Coarse clasts up to 3 cm., trace chalcopyrite at 238 m.	9847	221.00	222.00	1.00	153	
			9848	222.00	223.00	1.00	153	
		240.80 242.40 Coarse clasts up to 4 cm. Diameter.	9849	223.00	224.00	1.00	267	
			9850	224.00	225.00	1.00	156	
		242.50 243.00 Fault breccia, 7-10% pyrite 10 deg. To C.A.	9851	225.00	226.00	1.00	114	
			9852	228.00	229.00	1.00	270	
		244.00 244.80 Fault slip plane 10 deg. To C.A. 1 cm. Wide, carbonate filled. 1-3% pyrite.	9853	229.00	230.00	1.00	740	
			9854	230.00	231.00	1.00	459	
		245.00 246.40 Strong sericite, weak K-feldspar alteration, buff-red colour. 3-5% pyrite. Pervassive carbonate alteration downhole.	9855	231.00	232.00	1.00	2415	2.98
			9856	232.00	233.00	1.00	399	
			9857	233.00	234.00	1.00	271	
		247.25 250.30 15-20% conglomerate clasts, up to 7 cm. In diameter. 7-10% disseminated pyrite in matrix, trace chalcopyrite.	9858	234.00	235.00	1.00	314	
			9859	235.00	236.00	1.00	230	
			9860	236.00	237.00	1.00	277	
		251.60 256.43 Massive grey wacke section, strong K-feldspar alteration, red-buff colour. 7-10% disseminated pyrite, 1-3% chalcopyrite.	9861	237.00	238.00	1.00	695	
			9862	238.00	239.00	1.00	532	
			9863	239.00	240.00	1.00	1006	1.58
		253.00 Fault slip plane. 10 deg. To C.A., chlorite filled.	9864	240.00	241.00	1.00	443	
			9865	241.00	242.00	1.00	826	
		255.30 Stringer chalcopyrite, .5 cm. Wide.	9866	242.00	243.00	1.00	3424	3.94
			9867	243.00	244.00	1.00	1320	2.81
		256.45 Bedding contact 25 deg. To C.A., weakly sheared.	9868	244.00	245.00	1.00	458	
			9869	245.00	246.00	1.00	189	
		260.30 262.40 Coarse conglomerate?? interbed of 15-20% clasts, 3-5% pyrite.	9870	246.00	247.00	1.00	161	
			9871	247.00	248.00	1.00	326	
		263.60 271.10 Weak K-feldspar alteration. Pervassive, red-brown colour. 7-10% pyrite, trace chalcopyrite.	9872	248.00	249.00	1.00	291	
			9873	249.00	250.00	1.00	262	
			9874	250.00	251.00	1.00	112	
		266.00 Foliation 40 deg. To C.A.	9875	251.00	252.00	1.00	111	
			9876	252.00	253.00	1.00	249	
		269.00 271.00 10-15% pyrite, disseminated and stringers. Weak pervassive carbonate alteration.	9877	253.00	254.00	1.00	112	
			9878	254.00	255.00	1.00	97	
		271.74 Small red jasper clasts, typical of Timiskaming conglomerate (Kirkland Lake Camp).	9879	255.00	256.00	1.00	64	

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
		274.00 Foliation 35 deg. To C.A.	9880	256.00	257.00	1.00	260	
			9881	257.00	258.00	1.00	204	
			9882	258.00	259.00	1.00	210	
			9883	259.00	260.00	1.00	333	
			9884	260.00	261.00	1.00	262	
			9885	261.00	262.00	1.00	316	
			9886	262.00	263.00	1.00	239	
			9887	263.00	264.00	1.00	127	
			9888	264.00	265.00	1.00	156	
			9889	265.00	266.00	1.00	115	
			9890	266.00	267.00	1.00	35	
			9891	267.00	268.00	1.00	27	
			9892	268.00	269.00	1.00	882	
			9893	269.00	270.00	1.00	7823	6.24
			9894	270.00	271.00	1.00	111	
			9895	271.00	272.00	1.00	41	
			9896	272.00	273.00	1.00	44	
			9897	273.00	274.00	1.00	36	
			9898	274.00	275.00	1.00	43	
			9899	275.00	275.40	.40	67	
275.40	308.45	SYENITE	9900	275.40	276.00	.60	8	
		Dark red, coarse grained, weak-moderate foliation. Sharp upper contact 50 deg. To C.A. Dark red, K-feldspar phenocrysts up to 5 mm. In length, rectangular. Moderate-strong pervasive carbonate alteration. Weakly brecciated appearance, feldspar phenocrysts, fractured, quartz chlorite filled, 1 mm. 3-5% quartz filled fractures. 1-3% disseminated pyrite.	9901	276.00	277.00	1.00	8	
		1-2% chalcopyrite, 1-2% hematite, 1-2% magnetite in 2 mm. Clots.	9902	277.00	278.00	1.00		
		M.S. 0.15-6.50, chlorite matrix. Two promising veins sets 40 deg to CA and 5 deg to CA.	9903	278.00	279.00	1.00	36	
		293.42 295.90 Large vein, white, barren, 10 deg. To C.A. Upper contact, 25 deg. To C.A.	9904	279.00	280.00	1.00		
		298.90 Strong structure, brecciated porphyry.	9905	280.00	281.00	1.00		
			9906	281.00	282.00	1.00		
			9907	282.00	283.00	1.00	5255	6.21
			9908	283.00	284.00	1.00		
			9909	284.00	285.00	1.00	7	
			9910	285.00	286.00	1.00	17	
			9911	286.00	287.00	1.00		
			9912	287.00	288.00	1.00	7	
			9913	288.00	289.00	1.00	15	
			9914	289.00	290.00	1.00	12	
			9915	290.00	291.00	1.00	11	
			9916	291.00	292.00	1.00		
			9917	292.00	293.00	1.00	22	
			9918	293.00	294.00	1.00		
			9919	294.00	295.00	1.00		
			9920	295.00	296.00	1.00	16	
			9921	296.00	297.00	1.00	115	
			9922	297.00	298.00	1.00	17	
			9923	298.00	299.00	1.00		
			9924	299.00	300.00	1.00	20	
			9925	300.00	301.00	1.00		
			9926	301.00	302.00	1.00	9	
			9927	302.00	303.00	1.00		
			9928	303.00	304.00	1.00		
			9929	304.00	305.00	1.00	36	
			9930	305.00	306.00	1.00	5	
			9931	306.00	307.00	1.00	11	
			9932	307.00	308.00	1.00	195	
			9933	308.00	308.45	.45	24	
308.45	316.77	ALTERED CONGLOMERATE	9934	308.45	309.00	.55	9	
		Chlorite carbonate quartz schist. Light green-grey, strong foliation 35 deg. To C.A. Fine grained rare scattered clasts. Very strong pervasive carbonate alteration. Strongly magnetic, 2-3% disseminated pyrite, tr.-1% chalcopyrite. Sharp upper contact 45 deg. To C.A. 3-5% quartz carbonate veins up to 2 cm. Wide.	9935	309.00	310.00	1.00	64	
		314.40 318.86 Blue green chlorite schist.	9936	310.00	311.00	1.00	9	
			9937	311.00	312.00	1.00	12	
			9938	312.00	313.00	1.00	12	
			9939	313.00	314.00	1.00	7	
			9940	314.00	315.00	1.00		
			9941	315.00	316.00	1.00	6	
			9942	316.00	316.77	.77	13	
316.77	342.65	SYENITE PORPHYRY	9943	316.77	318.00	1.23		
		Dark red, coarse grained, strongly foliated, brecciated throughout.	9944	318.00	319.00	1.00		
		Pervasive carbonate alteration. Matrix is chloritic, sericitic.	9945	319.00	320.00	1.00	7	
		Feldspar phenocrysts, fractured, up to 1 cm. In length. Foliation 35 deg.	9946	320.00	321.00	1.00		
		To C.A. Feldspar zoned. Overall 1-3% quartz veins up to 1 cm., 1-3% pyrite.	9947	321.00	322.00	1.00		

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngrt (m)	AU PPB	AU G/T
		327.27 328.00 Sericite epidote quartz schist, 7-10% magnetite 55 deg. To C.A.	9948	322.00	323.00	1.00		
			9949	323.00	324.00	1.00		
			9950	324.00	325.00	1.00	17	
		5-7% 1 Mm. Stringers (sericite filled) 30 deg. To C.A.	9951	325.00	326.00	1.00		
			9952	326.00	327.00	1.00		
			9953	327.00	328.00	1.00	9	
			9954	328.00	329.00	1.00		
			9955	329.00	330.00	1.00		
			9956	330.00	331.00	1.00	34	
			9957	331.00	332.00	1.00	80	
			9958	332.00	333.00	1.00		
			9959	333.00	334.00	1.00		
			9960	334.00	335.00	1.00		
			9961	335.00	336.00	1.00		
			9962	336.00	337.00	1.00		
			9963	337.00	338.00	1.00	8	
			9964	338.00	339.00	1.00		
			9965	339.00	340.00	1.00		
			9966	340.00	341.00	1.00		
			9967	341.00	342.00	1.00	7	
			9968	342.00	342.65	.65	8	
342.65	369.00	ALTERED CONGLOMERATE						
		Green-grey, moderately foliated, fine-medium grained. Sharp upper contact contact 40 deg. To C.A. Strong sericite alteration. Gritty greywacke matrix, rare trace pyrite. Upper portion weak K-feldspar alteration.	9969	342.65	343.50	.85	6	
			9970	343.50	344.50	1.00		
			9971	344.50	345.50	1.00		
			9972	345.50	346.50	1.00	14	
			9973	346.50	347.00	1.00		
		347.47 Shear-slip plane 15 deg. To C.A.	9974	346.00	347.00	1.00		
		Strong carbonate alteration, pervasive, chloritic-sericitic alteration. 3-5% Carbonate veinlets. Strongly magnetic M.S. 25.00.	9975	347.00	348.00	1.00	6	
			9976	348.00	349.00	1.00	5	
		357.00 Strong shear sericite 20 deg. To C.A.						
		365.75 369.00 Strongly sheared siliceous section 25 deg. To C.A. Quartz-sericite rich, 1-3% pyrite. Strong, pervasive carbonate.						
369.00	483.00	CONGLOMERATE						
		Dark green-grey, weakly foliated, fine grained, granular matrix. Variable clasts, locally up to 7-10%, round. 3 cm. Diameter. Numerous massive greywacke sections. M.S. 0.30. 1-2% quartz carbonate veins.	9977	369.00	370.00	1.00		
			9978	375.00	376.00	1.00	6	
			9979	376.00	377.00	1.00		
			9980	377.00	378.00	1.00		
		375.00 377.00 3-5% disseminated pyrite. M.S. Drops to 0.30 below 375.00 m.	9981	388.00	389.00	1.00	9	
			9982	389.00	390.00	1.00	51	
		389.70 390.60 5-7% disseminated pyrite in chlorite rich stringers 40 deg. To C.A.	9983	390.00	391.00	1.00	17	
			9984	393.00	394.00	1.00		
		393.20 401.26 Weakly altered section. Pervasive carbonate, weak K-feldspar, weak chalcopyrite, 3-5% pyrite. M.S. 30.0. Rare scattered section <0.5 m. With 3-5% disseminated pyrite.	9985	394.00	395.00	1.00	14	
			9986	395.00	396.00	1.00		
			9987	396.00	397.00	1.00	5	
		414.00 Foliation/beds 45 deg. To C.A.	9988	397.00	398.00	1.00	19	
			9989	398.00	399.00	1.00		
		416.00 421.00 Weakly altered section, pervasive carbonate, 7-10% disseminated pyrite.	9990	399.00	400.00	1.00		
			9991	400.00	401.00	1.00		
		Massive conglomerate, weakly foliated/bedded 35 deg. To C.A. Weak bedding. Overall 1-3% pyrite.	9992	416.00	417.00	1.00	10	
			9993	417.00	418.00	1.00	10	
			9994	418.00	419.00	1.00	8	
		438.50 440.00 Weak sericite, 2-3% pyrite.	9995	419.00	420.00	1.00	8	
			9996	420.00	421.00	1.00	31	
			9997	438.00	439.00	1.00	12	
		E.O.H. 483.00 m.	9998	439.00	440.00	1.00	22	
		Casing left in hole.						
		Core stored at Obradovich Exploration Office Kirkland Lake.						

# Oka Project 1996 Au Assays

SO-96-4	Sample #	From	To	Width m	Au PPB	Width x Au PPB
	9708	32.00	33.00	1.00	108	108
	9709	33.00	34.00	1.00	167	167
	9710	34.00	35.00	1.00	266	266
	9711	35.00	36.00	1.00	110	110
	9712	36.00	37.00	1.00	148	148
	9713	37.00	38.00	1.00	116	116
	9714	38.00	39.00	1.00	103	103
	9715	39.00	40.00	1.00	237	237
	9716	40.00	41.00	1.00	39	39
	9717	41.00	42.00	1.00	176	176
	9718	42.00	43.00	1.00	72	72
	9719	43.00	44.00	1.00	192	192
	9720	44.00	45.00	1.00	3766	3766
	9721	45.00	46.00	1.00	663	663
	9722	46.00	47.00	1.00	1816	1816
	9723	47.00	48.00	1.00	805	805
	9724	48.00	49.00	1.00	1155	1155
	9725	49.00	50.00	1.00	193	193
	9726	50.00	51.00	1.00	203	203
	9727	51.00	52.00	1.00	246	246
	9728	52.00	53.00	1.00	168	168
	9729	53.00	54.00	1.00	118	118
	9730	54.00	55.00	1.00	105	105
	9731	55.00	56.00	1.00	241	241
	9732	56.00	57.00	1.00	2003	2003
	9733	57.00	58.00	1.00	1328	1328
	9734	58.00	59.00	1.00	776	776
	9735	59.00	60.00	1.00	411	411
	9736	60.00	61.00	1.00	267	267
	9737	61.00	62.00	1.00	261	261
	9738	62.00	63.00	1.00	2599	2599
	9739	63.00	64.00	1.00	282	282
	9740	64.00	65.00	1.00	164	164
	9741	65.00	66.00	1.00	37	37
	9742	66.00	67.00	1.00	68	68
	9743	67.00	68.00	1.00	82	82
	9744	68.00	69.00	1.00	65	65
	9745	69.00	70.00	1.00	108	108
	9746	70.00	71.00	1.00	190	190
	9747	71.00	72.00	1.00	121	121
	9748	72.00	73.00	1.00	414	414
	9749	73.00	74.00	1.00	88	88
	9750	74.00	75.00	1.00	220	220
	9751	75.00	76.00	1.00	137	137
	9752	76.00	77.00	1.00	118	118
	9753	77.00	78.00	1.00	239	239
	9754	78.00	79.00	1.00	139	139
	9755	79.00	80.00	1.00	137	137
	9756	80.00	81.00	1.00	482	482
	9757	81.00	82.00	1.00	48	48

2.19442

## Oka Project 1996 Au Assays

9758	82.00	83.00	1.00	363	363
9759	83.00	84.00	1.00	199	199
9760	84.00	85.00	1.00	23	23
9761	85.00	86.00	1.00	57	57
9762	86.00	87.00	1.00	11	11
9763	87.00	88.00	1.00	36	36
9764	88.00	89.00	1.00	29	29
9765	96.00	97.00	1.00	117	117
9766	97.00	98.00	1.00	148	148
9767	98.00	99.00	1.00	326	326
9768	99.00	100.00	1.00	91	91
9769	100.00	101.00	1.00	129	129
9770	101.00	102.00	1.00	129	129
9771	102.00	103.00	1.00	40	40
9772	103.00	104.00	1.00	104	104
9773	104.00	105.00	1.00	47	47
9774	113.00	114.00	1.00	35	35
9775	114.00	115.00	1.00	35	26
9776	115.00	116.00	1.00	26	12
9777	116.00	117.00	1.00	12	36
9778	117.00	118.00	1.00	36	37
9779	124.00	124.85	0.85	37	31.45
9780	124.85	126.00	1.15	170	195.5
9781	126.00	127.00	1.00	217	217
9782	127.00	128.00	1.00	319	319
9783	128.00	129.00	1.00	486	486
9784	129.00	130.00	1.00	324	324
9785	130.00	131.00	1.00	132	132
9786	131.00	132.00	1.00	158	158
9787	132.00	133.00	1.00	261	261
9788	133.00	134.00	1.00	168	168
9789	134.00	135.00	1.00	658	658
9790	135.00	136.00	1.00	508	508
9791	136.00	137.00	1.00	268	268
9792	141.50	142.50	1.00	64	64
9793	142.50	143.50	1.00	196	196
9794	143.50	144.50	1.00	637	637
9795	144.50	145.50	1.00	732	732
9796	145.50	146.50	1.00	409	409
9797	146.50	147.50	1.00	139	139
9798	147.50	148.50	1.00	163	163
9799	148.50	149.50	1.00	184	184
9800	149.50	150.10	0.60	145	87
9801	150.10	151.00	0.90	258	232.2
9802	151.00	152.00	1.00	727	727
9803	152.00	153.00	1.00	108	108

## Oka Project 1996 Au Assays

9804	153.00	154.00	1.00	227	227
9805	154.00	155.00	1.00	79	79
9806	155.00	156.00	1.00	42	42
9807	156.00	157.00	1.00	68	68
9808	157.00	158.00	1.00	72	72
9809	158.00	159.00	1.00	242	242
9810	159.00	160.00	1.00	299	299
9811	160.00	161.00	1.00	356	356
9812	161.00	162.00	1.00	288	288
9813	162.00	163.00	1.00	257	257
9814	163.00	164.00	1.00	179	179
9815	164.00	165.00	1.00	157	157
9816	165.00	166.00	1.00	139	139
9817	166.00	167.00	1.00	95	95
9818	167.00	168.00	1.00	97	97
9819	168.00	169.00	1.00	67	67
9820	169.00	170.00	1.00	131	131
9821	170.00	171.00	1.00	85	85
9822	171.00	172.00	1.00	89	89
9823	172.00	172.50	0.50	204	102
9824	172.50	173.22	0.72	310	223.2
9825	195.00	196.00	1.00	0	0
9826	196.00	197.00	1.00	0	0
9827	197.00	198.00	1.00	26	26
9828	198.00	199.00	1.00	155	155
9829	199.00	200.00	1.00	159	159
9830	200.00	201.00	1.00	359	359
9831	201.00	202.00	1.00	235	235
9832	202.00	203.00	1.00	550	550
9833	203.00	204.00	1.00	1410	1410
9834	204.00	205.00	1.00	599	599
9835	205.00	206.00	1.00	415	415
9836	206.00	207.00	1.00	233	233
9837	207.00	208.00	1.00	153	153
9838	208.00	209.00	1.00	1761	1761
9839	209.00	210.00	1.00	2894	2894
9840	210.00	211.00	1.00	1526	1526
9841	211.00	212.00	1.00	25488	25488
9842	212.00	213.00	1.00	929	929
9843	213.00	214.00	1.00	4392	4392
9844	214.00	215.00	1.00	494	494
ST4	215.00	216.00	1.00	761	761
ST1	216.00	217.00	1.00	215	215
ST2	217.00	218.00	1.00	288	288
ST3	218.00	219.00	1.00	239	239
9845	219.00	220.00	1.00	186	186
9846	220.00	221.00	1.00	1006	1006
9847	221.00	222.00	1.00	153	153
9848	222.00	223.00	1.00	153	153
9849	223.00	224.00	1.00	267	267
9850	224.00	225.00	1.00	156	156

## Oka Project 1996 Au Assays

9851	225.00	226.00	1.00	114	114
9852	228.00	229.00	1.00	270	270
9853	229.00	230.00	1.00	740	740
9854	230.00	231.00	1.00	459	459
9855	231.00	232.00	1.00	2415	2415
9856	232.00	233.00	1.00	399	399
9857	233.00	234.00	1.00	271	271
9858	234.00	235.00	1.00	314	314
9859	235.00	236.00	1.00	230	230
9860	236.00	237.00	1.00	277	277
9861	237.00	238.00	1.00	695	695
9862	238.00	239.00	1.00	532	532
9863	239.00	240.00	1.00	1006	1006
9864	240.00	241.00	1.00	443	443
9865	241.00	242.00	1.00	826	826
9866	242.00	243.00	1.00	3424	3424
9867	243.00	244.00	1.00	1320	1320
9868	244.00	245.00	1.00	458	458
9869	245.00	246.00	1.00	189	189
9870	246.00	247.00	1.00	161	161
9871	247.00	248.00	1.00	326	326
9872	248.00	249.00	1.00	291	291
9873	249.00	250.00	1.00	262	262
9874	250.00	251.00	1.00	112	112
9875	251.00	252.00	1.00	111	111
9876	252.00	253.00	1.00	249	249
9877	253.00	254.00	1.00	112	112
9878	254.00	255.00	1.00	97	97
9879	255.00	256.00	1.00	64	64
9880	256.00	257.00	1.00	260	260
9881	257.00	258.00	1.00	204	204
9882	258.00	259.00	1.00	210	210
9883	259.00	260.00	1.00	333	333
9884	260.00	261.00	1.00	262	262
9885	261.00	262.00	1.00	316	316
9886	262.00	263.00	1.00	239	239
9887	263.00	264.00	1.00	127	127
9888	264.00	265.00	1.00	156	156
9889	265.00	266.00	1.00	115	115
9890	266.00	267.00	1.00	35	35
9891	267.00	268.00	1.00	27	27
9892	268.00	269.00	1.00	882	882
9893	269.00	270.00	1.00	7823	7823
9894	270.00	271.00	1.00	111	111
9895	271.00	272.00	1.00	41	41
9896	272.00	273.00	1.00	44	44
9897	273.00	274.00	1.00	36	36
9898	274.00	275.00	1.00	43	43
9899	275.00	275.40	0.40	67	26.8
9900	275.40	276.00	0.60	8	4.8
9901	276.00	277.00	1.00	8	8
9902	277.00	278.00	1.00	0	0



# Oka Project 1996 Au Assays

9903	278.00	279.00	1.00	36	36
9904	279.00	280.00	1.00	0	0
9905	280.00	281.00	1.00	0	0
9906	281.00	282.00	1.00	0	0
9907	282.00	283.00	1.00	5255	5255
9908	283.00	284.00	1.00	0	0
9909	284.00	285.00	1.00	7	7
9910	285.00	286.00	1.00	17	17
9911	286.00	287.00	1.00	0	0
9912	287.00	288.00	1.00	7	7
9913	288.00	289.00	1.00	15	15
9914	289.00	290.00	1.00	12	12
9915	290.00	291.00	1.00	11	11
9916	291.00	292.00	1.00	0	0
9917	292.00	293.00	1.00	22	22
<b>Average</b>	<b>32.00</b>	<b>84.00</b>	<b>52.00</b>	<b>434</b>	
<b>Average</b>	<b>44.00</b>	<b>49.00</b>	<b>5.00</b>	<b>1641</b>	
<b>Average</b>	<b>56.00</b>	<b>62.00</b>	<b>6.00</b>	<b>1274</b>	
<b>Average</b>	<b>124.85</b>	<b>137.00</b>	<b>12.15</b>	<b>304</b>	
<b>Average</b>	<b>141.50</b>	<b>173.22</b>	<b>31.72</b>	<b>220</b>	
<b>Average</b>	<b>198.00</b>	<b>270.00</b>	<b>72.00</b>	<b>1006</b>	
<b>Average</b>	<b>208.00</b>	<b>214.00</b>	<b>6.00</b>	<b>6165</b>	

Northing: 160  
 Easting: 0  
 Elevation: 1000  
 Collar Azi.: 330  
 Collar Dip: -45.0  
 Hole Length: 378  
 Date Started: Dec 6, 1996  
 Completed: Dec 10, 1996

## DRILL HOLE RECORD

\*\*\* Dip Tests \*\*\*  
 Depth Azi. Dip  
 160 333 -41.0  
 225 338 -40.0  
 300 341 -38.0  
 370 346 -36.0

Drill Hole: SO-96-5  
 Easting: L 0+00 E  
 Northing: 1+60 S  
 Claim: 1206148  
 Property: OKA Project  
 Drilled by: Lareniere Drilling  
 Logged by: T. Keast  
 Purpose: Test Gold Zone

Dec 11/96

Jodakant

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
.00	4.27	CASING Overburden.						
4.27	15.90	DIABASE DYKE Dark green, fine grained, massive crystalline texture. Non-foliated, 1-3% epidote filled stringers 45 deg. To CA. H> 5. Strongly magnetic, MS 18.00.						
15.90	26.23	ALTERED SYENITE Possibly altered conglomerate. Light green-reddish brown, strongly foliated 70 deg to CA. Strongly brecciated. Sharp upper contact 25 deg to CA. Strong alteration, pervasive silicification, rare scattered, narrow, carbonate-rich sections, 6 cm. Wide. Strong chlorite/sericite alteration, pervasive and along fractures. Strongly foliated sections, irregular K-feldspar alteration wispy. 1-2% Quartz veins < 2 cm. Wide. Overall 3-5% disseminated pyrite. Hardness > 5.0, M.S. 0.75. 19.60 20.95 Diabase dyke. 20.00 20.45 Broken, blocky core. 23.45 Foliation 15 deg. To C.A.	9999 10000 20501 20502 20503 20504 20505 20506 20507 20508 20509	15.90 17.00 18.00 19.00 20.00 21.00 22.00 23.00 24.00 25.00 26.00	17.00 18.00 19.00 20.00 21.00 22.00 23.00 24.00 25.00 26.00 27.00	1.10 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	102 323 278 12 118 412 611 40 104 81 2587	2.88
26.23	34.50	CONGLOMERATE Dark green, fine grained, strongly foliated, strongly brecciated. Rare clasts up to 3 cm. In length, flattened. 2-3% Disseminated and stringers of pyrite. Weak K-feldspar alteration, 1-2% quartz veins < 1 cm.	20510 20511 20512 20513 20514 20515 20516 20517	27.00 28.00 29.00 30.00 31.00 32.00 33.00 34.00	28.00 29.00 30.00 31.00 32.00 33.00 34.00 34.50	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.50	93 110 238 285 101 68 67 483	
34.50	43.50	SYENITE Red-brown, moderately foliated 40 deg. To C.A. Strongly brecciated. Chloritic matrix with 20-25% feldspar phenocrysts, rounded, fractured. Overall 7-10% quartz veins up to 10 cm. Wide 10 deg to CA. And 40 deg. To C.A. 3-5% Pyrite, disseminated. Quartz veins fractured in places. H>5.0, MS 0.90-5.0. 41.50 Weak brown colour. Strong, pervasive quartz, sericite alteration. Fine grained, highly brecciated, 5-7% pyrite, trace chalcopyrite.	20518 20519 20520 20521 20522 20523 20524 20525 20526 20527	34.50 35.00 36.00 37.00 38.00 39.00 40.00 41.00 42.00 43.00	35.00 36.00 37.00 38.00 39.00 40.00 41.00 42.00 43.00 44.00	.50 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	38 18 12 10 21 10 12 559 1355 424	1.71
43.50	70.30	ALTERED CONGLOMERATE Chlorite sericite schist. Grey-green, strongly foliated, locally brecciated section up to 0.5 m. Wide.	20528 20529	44.00 45.00	45.00 46.00	1.00 1.00	48 55	

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
		Strong, pervasive silicification, (no carbonate), 7-10% pyrite, 10-15% locally. Foliated 35 deg. To C.A.	20530	46.00	47.00	1.00	505	
			20531	47.00	48.00	1.00	111	
			20532	48.00	49.00	1.00	182	
		45.40 48.77 10-15% pyrite, disseminated and stringers.	20533	49.00	50.00	1.00	273	
			20534	50.00	51.00	1.00	183	
		H.>5, M.S. Average 1.5. Conglomerate clasts apparent at 50.50. Sulphide content below 51.00 is 5-7%	20535	51.00	52.00	1.00	85	
		Below 56.00 chlorite sericite content increases, clasts absent. Strongly altered, 3-5% disseminated	20536	52.00	53.00	1.00	132	
		pyrite. At 66.00 foliation 35 deg. To C.A. Strong deformation - alteration zone. Total replacement of	20537	53.00	54.00	1.00	212	
		original rock.	20538	54.00	55.00	1.00	590	
			20539	55.00	56.00	1.00	81	
		70.25 70.40 Quartz veins 60 deg. To C.A., trace pyrite.	20540	56.00	57.00	1.00	76	
			20541	57.00	58.00	1.00	109	
			20542	58.00	59.00	1.00	189	
			20543	59.00	60.00	1.00	76	
			20544	60.00	61.00	1.00	151	
			20545	61.00	62.00	1.00	117	
			20546	62.00	63.00	1.00	160	
			20547	63.00	64.00	1.00	124	
			20548	64.00	65.00	1.00	137	
			20549	65.00	66.00	1.00	166	
			20550	66.00	67.00	1.00	134	
			20551	67.00	68.00	1.00	98	
			20552	68.00	69.00	1.00	108	
			20553	69.00	70.00	1.00	143	
			20554	70.00	71.00	1.00	135	
70.30	138.00	CONGLOMERATE						
		Dark green, strongly foliated 35 deg. To C.A.	20555	71.00	72.00	1.00	12	
		Strong chlorite alteration.	20556	72.00	73.00	1.00	89	
		Rare conglomerate clast. 1-3% disseminated pyrite. Pervasive carbonate alteration.	20557	75.00	76.00	1.00	20	
			20558	76.00	77.00	1.00	37	
			20559	77.00	78.00	1.00	10	
		75.00 77.00 Weak-moderate sericite alteration, 2-3% pyrite.	20560	91.00	92.00	1.00	38	
			20561	92.00	93.00	1.00	239	
		M.S. Average 0.25, local magnetite clots.	20562	93.00	94.00	1.00	74	
			20563	94.00	95.00	1.00	159	
			20564	95.00	96.00	1.00	478	
		92.50 98.00 Moderate-strong carbonate-quartz-sericite alteration. Strong foliation 35 deg to CA.	20565	96.00	97.00	1.00	102	
		10-15% pyrite, stringers and bands.	20566	97.00	98.00	1.00	45	
			20567	98.00	99.00	1.00	26	
		92.84 92.96 Quartz veins, 20-25% pyrite. Rare clot magnetite.	20568	99.00	100.00	1.00	56	
			20569	100.00	101.00	1.00	77	
		100.15 103.90 Weak-moderate quartz-carbonate-sericite alteration. 3-5% pyrite. Moderate-strong	20570	101.00	102.00	1.00	42	
		foliation, brecciation. 7-10% disseminated pyrite.	20571	102.00	103.00	1.00	54	
		105.00 Below 105.00 m. Massive chloritic, greywacke, rare conglomerate clast. Tr.-1% pyrite.	20572	103.00	104.00	1.00	96	
		Moderate foliation 35 deg. To C.A. 1-2% quartz-carbonate stringers. Weak pervasive	20573	104.00	105.00	1.00	28	
		carbonate alteration.	20574	128.00	129.00	1.00	227	
			20575	129.00	130.00	1.00	145	
		129.50 Below 129.50 10-15% rounded conglomerate clasts up to 3 cm.	20576	130.00	131.00	1.00	988	
			20577	131.00	132.00	1.00	822	
		128.00 138.00 Strong silicification, weak carbonate. Strong foliation, moderate sericite, buff colour.	20578	132.00	133.00	1.00	127	
		7-10% disseminated pyrite. M.S. 0.30, H.>5.0.	20579	133.00	134.00	1.00	14	
			20580	134.00	135.00	1.00	14	
		135.50 138.00 Moderate K-feldspar alteration, 10-15% pyrite.	20581	135.00	136.00	1.00	40	
			20582	136.00	137.00	1.00	164	
			20583	137.00	138.00	1.00	52	
138.00	160.30	DIABASE DYKE						
		Dark green, fine grained, massive crystalline texture.	20584	138.00	139.00	1.00		
		Weak-non foliated.	20585	160.00	161.00	1.00	42	
		1-2% Quartz carbonate epidote filled fractures 35 deg. To C.A.						
		Sharp upper contact 40 deg to CA.						
		Strongly magnetic MS 20.						
		Weak pottassic alteration along fractures.						
		158.25 158.70 Broken, blocky core.						
160.30	175.00	ALTERED CONGLOMERATE						
		Green-grey, variable red-brown coloration.	20586	161.00	162.00	1.00	173	
		Fine grained matrix, moderate-strong foliation 25-35 deg to CA.	20587	162.00	163.00	1.00	357	
		Quartz chlorite sericite carbonate matrix.	20588	163.00	164.00	1.00	400	
			20589	164.00	165.00	1.00	229	

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T			
175.00	223.05	1-2% Quartz carbonate veins, 2 cm. Wide. Variable clast contact locally up to 7-10%. Pervasive carbonate alteration. H>5, MS 25 Disseminated pyrite 5-7%. Sharp upper contact 25 deg. To C.A.  Conglomerate clasts stretched/flattened.  166.50 169.80 10-15% disseminated pyrite, moderate-strong sericite.	20590	165.00	166.00	1.00	228				
			20591	166.00	167.00	1.00	433				
			20592	167.00	168.00	1.00	508				
			20593	168.00	169.00	1.00	695				
			20594	169.00	170.00	1.00	437				
			20595	170.00	171.00	1.00	178				
			20596	171.00	172.00	1.00	117				
			20597	172.00	173.00	1.00	143				
			20598	173.00	174.00	1.00	209				
			20599	174.00	175.00	1.00	108				
			223.05	279.30	CONGLOMERATE  Dark green, fine grained, massive with greywacke and rare scattered clasts. Up to 2 cm. Long. Weak foliation 40 deg. To C.A. Trace quartz carbonate veins. Strong pervasive quartz carbonate alteration. Tr.-1% disseminated pyrite. MS 0.33 down to 193m, MS 5.0 below 193 m. H.=4.  201.50 Weak potassic alteration, red-brown colour.  212.00 215.60 3-5% disseminated pyrite. M.S. Variable 0.2-15.00.	20600	175.00	176.00	1.00	233	
						20601	176.00	177.00	1.00	42	
						20602	212.00	213.00	1.00	14	
						20603	213.00	214.00	1.00	36	
20604	214.00	215.00				1.00	19				
20605	215.00	216.00				1.00	35				
20606	216.00	217.00				1.00	44				
20607	217.00	218.00				1.00	50				
20608	218.00	219.00				1.00	44				
20609	219.00	220.00				1.00	64				
20610	220.00	221.00				1.00	44				
20611	221.00	222.00				1.00	30				
20612	222.00	223.00				1.00	19				
20613	223.00	224.00				1.00	99				
223.05	279.30	ALTERED CONGLOMERATE  Light buff-grey, fine grained, pervasive quartz sericite carbonate alteration. Strongly foliated 30 deg. To C.A. Gradational upper contact. Tr.-1% quartz veins, clasts - 1-3%, stretched. Overall 5-7% disseminated pyrite, locally 10-15%. Local brecciated sections up to 0.50 m wide. MS 0.15, H. 4-5.  226.75 Slip plane 25 deg. To C.A.  247.00 248.00 3-5% quartz veins 55 deg. To C.A., 3-5% pyrite.  248.50 Bedding 25 deg. To C.A.  249.56 250.00 Moderate-strong sericite alteration, alteration of matrix and clasts. 5-7% pyrite with chlorite stringers. Rare fucssite clasts, rounded.  252.10 252.15 Quartz veins 50 deg. To C.A., 1-2% pyrite, trace hematite.  267.50 269.20 10-15% pyrite, 3 mm. Grains.  271.20 273.60 Strong quartz sericite alteration sericite is mustard color, strong foliation 40 deg. To C.A. 3-5 % quartz veins, strong carbonate.  277.30 279.40 Strong sericite alteration. Strong carbonate, strong foliation 45 deg. To C.A.	20614	224.00	225.00	1.00	304				
			20615	225.00	226.00	1.00	93				
			20616	226.00	227.00	1.00	91				
			20617	227.00	228.00	1.00	233				
			20618	228.00	229.00	1.00	363				
			20619	229.00	230.00	1.00	289				
			20620	230.00	231.00	1.00	952				
			20621	231.00	232.00	1.00	405				
			20622	232.00	233.00	1.00	505				
			20623	233.00	234.00	1.00	587				
			20624	234.00	235.00	1.00	580				
			20625	235.00	236.00	1.00	558				
			20626	236.00	237.00	1.00	701				
			20627	237.00	238.00	1.00	439				
			20628	238.00	239.00	1.00	391				
			20629	239.00	240.00	1.00	198				
			20630	240.00	241.00	1.00	318				
			20631	241.00	242.00	1.00	160				
			20632	242.00	243.00	1.00	222				
			20633	243.00	244.00	1.00	184				
			20634	244.00	245.00	1.00	120				
			20635	245.00	246.00	1.00	391				
			20636	246.00	247.00	1.00	198				
			20637	247.00	248.00	1.00	262				
			20638	248.00	249.00	1.00	905				
			20639	249.00	250.00	1.00	1098	1.34			
			20640	250.00	251.00	1.00	603				
			20641	251.00	252.00	1.00	562				
			20642	252.00	253.00	1.00	2302	2.91			
			20643	253.00	254.00	1.00	661				
			20644	254.00	255.00	1.00	830				
			20645	255.00	256.00	1.00	1195	1.34			
			20646	256.00	257.00	1.00	340				
			20647	257.00	258.00	1.00	266				
20648	258.00	259.00	1.00	303							
20649	259.00	260.00	1.00	230							
20650	260.00	261.00	1.00	140							
20651	261.00	262.00	1.00	149							
20652	262.00	263.00	1.00	112							
20653	263.00	264.00	1.00	111							
20654	264.00	265.00	1.00	567							
20655	265.00	266.00	1.00	187							
20656	266.00	267.00	1.00	254							
20657	267.00	268.00	1.00	371							
20658	268.00	269.00	1.00	607							
20659	269.00	270.00	1.00	100							

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
			20660	270.00	271.00	1.00	143	
			20661	271.00	272.00	1.00	711	
			20662	272.00	273.00	1.00	98	
			20663	273.00	274.00	1.00	54	
			20664	274.00	275.00	1.00	87	
			20665	275.00	276.00	1.00	49	
			20666	276.00	277.00	1.00	32	
			20667	277.00	278.00	1.00	30	
			20668	278.00	279.00	1.00	289	
			20669	279.00	280.00	1.00	133	
279.30	377.90	CONGLOMERATE						
		Dark green, fine-medium grained, gritty matrix with 5-7% rounded scattered matrix supported clasts. Clasts of varying composition up to 3 cm. Long. Weak foliation 50 deg. To C.A. 1-3% disseminated pyrite. Local massive grey wacke, interbedded. H. 4-5, M.S. .20.	20670	301.00	302.00	1.00	125	
			20671	302.00	303.00	1.00	310	
			20672	303.00	304.00	1.00	217	
			20673	321.00	322.00	1.00	35	
			20674	322.00	323.00	1.00	25	
		302.50 303.00 5-7% pyrite, 1-3% chalcopyrite in stringers.	20675	337.00	338.00	1.00	59	
			20676	338.00	339.00	1.00	70	
		317.80 318.20 Coarse interbedded 15-20% clasts. Gradational contacts (no tops).	20677	339.00	340.00	1.00	29	
			20678	340.00	341.00	1.00	26	
		321.50 323.60 Coarse interbedde 15-17% clasts, 3-5% pyrite, trace chalcopyrite at 323.00-323.60.	20679	341.00	342.00	1.00	25	
			20680	342.00	343.00	1.00	19	
		338.10 Bedding 45 deg. To C.A.						
		338.10 339.00 Weak quartz carbonate sericite alteration. 1-3% quartz veins, 3-5% pyrite.						
		340.85 342.15 Moderate-strong sericite carbonate alteration. 3-5% quartz carbonate veins. 5-7% fine grained pyrite.						
		358.00 Bedding 40 deg. To C.A.						
		363.00 367.50 Numerous clast rich interbeds up to 0.75 m. Wide.						
		371.23 Weakly sheared chlorite carbonate section 45 deg. To C.A.						
		377.90 E.O.H.						
		Casing left in hole.						
		Core stored at Obradovich Exploration Office, Kirkland Lake.						

# Oka Project 1996 Au Assays

SO-96-5	Sample #	From	To	Width m	Au PPB	Width x Au PPB
	9999	15.90	17.00	1.10	102	112.2
	10000	17.00	18.00	1.00	323	323
	20501	18.00	19.00	1.00	278	278
	20502	19.00	20.00	1.00	12	12
	20503	20.00	21.00	1.00	118	118
	20504	21.00	22.00	1.00	412	412
	20505	22.00	23.00	1.00	611	611
	20506	23.00	24.00	1.00	40	40
	20507	24.00	25.00	1.00	104	104
	20508	25.00	26.00	1.00	81	81
	20509	26.00	27.00	1.00	2587	2587
	20510	27.00	28.00	1.00	93	93
	20511	28.00	29.00	1.00	110	110
	20512	29.00	30.00	1.00	238	238
	20513	30.00	31.00	1.00	285	285
	20514	31.00	32.00	1.00	101	101
	20515	32.00	33.00	1.00	68	68
	20516	33.00	34.00	1.00	67	67
	20517	34.00	34.50	0.50	483	203
	20518	34.50	35.00	0.50	38	19
	20519	35.00	36.00	1.00	18	18
	20520	36.00	37.00	1.00	12	12
	20521	37.00	38.00	1.00	10	10
	20522	38.00	39.00	1.00	21	21
	20523	39.00	40.00	1.00	10	10
	20524	40.00	41.00	1.00	12	12
	20525	41.00	42.00	1.00	559	559
	20526	42.00	43.00	1.00	1355	1355
	20527	43.00	44.00	1.00	424	424
	20528	44.00	45.00	1.00	48	48
	20529	45.00	46.00	1.00	55	55
	20530	46.00	47.00	1.00	505	505
	20531	47.00	48.00	1.00	111	111
	20532	48.00	49.00	1.00	182	182
	20533	49.00	50.00	1.00	273	273
	20534	50.00	51.00	1.00	183	183
	20535	51.00	52.00	1.00	85	85
	20536	52.00	53.00	1.00	132	132
	20537	53.00	54.00	1.00	212	212
	20538	54.00	55.00	1.00	590	590
	20539	55.00	56.00	1.00	81	81
	20540	56.00	57.00	1.00	76	76
	20541	57.00	58.00	1.00	109	109
	20542	58.00	59.00	1.00	189	189
	20543	59.00	60.00	1.00	76	76
	20544	60.00	61.00	1.00	151	151
	20545	61.00	62.00	1.00	117	117
	20546	62.00	63.00	1.00	160	160
	20547	63.00	64.00	1.00	124	124
	20548	64.00	65.00	1.00	137	137

# Oka Project 1996 Au Assays

20549	65.00	66.00	1.00	166	166
20550	66.00	67.00	1.00	134	134
20551	67.00	68.00	1.00	98	98
20552	68.00	69.00	1.00	108	108
20553	69.00	70.00	1.00	143	143
20554	70.00	71.00	1.00	135	135
20555	71.00	72.00	1.00	12	12
20556	72.00	73.00	1.00	89	117
20557	75.00	76.00	1.00	20	148
20558	76.00	77.00	1.00	37	326
20559	77.00	78.00	1.00	10	91
20560	91.00	92.00	1.00	38	129
20561	92.00	93.00	1.00	239	129
20562	93.00	94.00	1.00	74	40
20563	94.00	95.00	1.00	159	104
20564	95.00	96.00	1.00	478	47
20565	96.00	97.00	1.00	102	35
20566	97.00	98.00	1.00	45	26
20567	98.00	99.00	1.00	26	12
20568	99.00	100.00	1.00	56	36
20569	100.00	101.00	1.00	77	37
20570	101.00	102.00	1.00	42	42
20571	102.00	103.00	1.00	54	54
20572	103.00	104.00	1.00	96	96
20573	104.00	105.00	1.00	28	28
20574	128.00	129.00	1.00	227	227
20575	129.00	130.00	1.00	145	145
20576	130.00	131.00	1.00	988	988
20577	131.00	132.00	1.00	822	822
20578	132.00	133.00	1.00	127	127
20579	133.00	134.00	1.00	14	14
20580	134.00	135.00	1.00	14	14
20581	135.00	136.00	1.00	40	40
20582	136.00	137.00	1.00	164	164
20583	137.00	138.00	1.00	52	52
20584	138.00	139.00	1.00	0	0
20585	160.00	161.00	1.00	42	42
20586	161.00	162.00	1.00	173	173
20587	162.00	163.00	1.00	357	357
20588	163.00	164.00	1.00	400	400
20589	164.00	165.00	1.00	229	229
20590	165.00	166.00	1.00	228	228
20591	166.00	167.00	1.00	433	433
20592	167.00	168.00	1.00	508	508
20593	168.00	169.00	1.00	695	695
20594	169.00	170.00	1.00	437	437
20595	170.00	171.00	1.00	178	178
20596	171.00	172.00	1.00	117	117

## Oka Project 1996 Au Assays

20597	172.00	173.00	1.00	143	143
20598	173.00	174.00	1.00	209	209
20599	174.00	175.00	1.00	108	108
20600	175.00	176.00	1.00	233	233
20601	176.00	177.00	1.00	42	42
20602	212.00	213.00	1.00	14	14
20603	213.00	214.00	1.00	36	36
20604	214.00	215.00	1.00	19	19
20605	215.00	216.00	1.00	35	35
20606	216.00	217.00	1.00	44	44
20607	217.00	218.00	1.00	50	50
20608	218.00	219.00	1.00	44	44
20609	219.00	220.00	1.00	64	64
20610	220.00	221.00	1.00	44	44
20611	221.00	222.00	1.00	30	30
20612	222.00	223.00	1.00	19	19
20613	223.00	224.00	1.00	99	99
20614	224.00	225.00	1.00	304	304
20615	225.00	226.00	1.00	93	93
20616	226.00	227.00	1.00	91	91
20617	227.00	228.00	1.00	233	233
20618	228.00	229.00	1.00	363	363
20619	229.00	230.00	1.00	289	289
20620	230.00	231.00	1.00	952	952
20621	231.00	232.00	1.00	405	405
20622	232.00	233.00	1.00	505	505
20623	233.00	234.00	1.00	587	587
20624	234.00	235.00	1.00	580	580
20625	235.00	236.00	1.00	558	558
20626	236.00	237.00	1.00	701	701
20627	237.00	238.00	1.00	439	439
20628	238.00	239.00	1.00	391	391
20629	239.00	240.00	1.00	198	198
20630	240.00	241.00	1.00	318	318
20631	241.00	242.00	1.00	160	160
20632	242.00	243.00	1.00	222	222
20633	243.00	244.00	1.00	184	184
20634	244.00	245.00	1.00	120	120
20635	245.00	246.00	1.00	391	391
20636	246.00	247.00	1.00	198	198
20637	247.00	248.00	1.00	262	262
20638	248.00	249.00	1.00	905	905
20639	249.00	250.00	1.00	1098	1098
20640	250.00	251.00	1.00	603	603
20641	251.00	252.00	1.00	562	562
20642	252.00	253.00	1.00	2302	2302
20643	253.00	254.00	1.00	661	661
20644	254.00	255.00	1.00	830	830
20645	255.00	256.00	1.00	1195	1195
20646	256.00	257.00	1.00	340	340
20647	257.00	258.00	1.00	266	266



# Oka Project 1996 Au Assays

20648	258.00	259.00	1.00	303	303
20649	259.00	260.00	1.00	230	230
20650	260.00	261.00	1.00	140	140
20651	261.00	262.00	1.00	149	149
20652	262.00	263.00	1.00	112	112
20653	263.00	264.00	1.00	111	111
20654	264.00	265.00	1.00	567	567
20655	265.00	266.00	1.00	187	187
20656	266.00	267.00	1.00	254	254
20657	267.00	268.00	1.00	371	371
20658	268.00	269.00	1.00	607	607
20659	269.00	270.00	1.00	100	100
20660	270.00	271.00	1.00	143	143
20661	271.00	272.00	1.00	711	711
20662	272.00	273.00	1.00	98	98
20663	273.00	274.00	1.00	54	54
20664	274.00	275.00	1.00	87	87
20665	275.00	276.00	1.00	49	49
20666	276.00	277.00	1.00	32	32
20667	277.00	278.00	1.00	30	30
20668	278.00	279.00	1.00	289	289
20669	279.00	280.00	1.00	133	133
<b>Average</b>	<b>15.90</b>	<b>73.00</b>	<b>57.10</b>	<b>224</b>	
<b>Average</b>	<b>128.00</b>	<b>133.00</b>	<b>5.00</b>	<b>462</b>	
<b>Average</b>	<b>161.00</b>	<b>176.00</b>	<b>15.00</b>	<b>297</b>	
<b>Average</b>	<b>227.00</b>	<b>272.00</b>	<b>45.00</b>	<b>462</b>	
<b>Average</b>	<b>249.00</b>	<b>256.00</b>	<b>7.00</b>	<b>1036</b>	

Northing: 525  
Easting: 800  
Elevation: 1000

## DRILL HOLE RECORD

Drill Hole: SO-96-6

Collar Azi.: 330  
Collar Dip: -45.0  
Hole Length: 125  
Date Started: Dec 11, 1996  
Completed: Dec 12, 1996

\*\*\* Dip Tests \*\*\*  
Depth Azi. Dip

50 330 -42.0  
100 330 -42.0  
125 330 -43.0

Easting: L 8+00 E  
Northing: 5+25 N  
Claim: 1223285  
Property: OKA Project  
Drilled by: Larenriere Drilling  
Logged by: T. Keast  
Purpose: Test Gold Showing

Dec 13/96

Jodt/Kant

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
.00	11.50	CASING Overburden.						
11.50	12.70	BOULDER Conglomerate with 10-15% pyrite.						
12.70	61.50	QUARTZ CARBONATE CHLORITE SCHIST Dark green, fine grained, massive quartz carbonate chlorite matrix with 25-30% quartz carbonate veins and stringers. Strong foliation 35 deg. To C.A. Hardness 3-4, M.S. 1.20. Quartz carbonate veins irregular, wormy. Tr.-1% disseminated pyrite, 1 mm. Grains, locally 3-5%. 12.70 15.10 Broken, blocky core. Orange-brown, weathered. 15.90 20.50 15-20% 0.5-2.0 cm. Quartz carbonate veins with 3-5% disseminated pyrite, 25 deg. To C.A. 20.50 24.50 35-40% quartz carbonate veins, 1-3% pyrite, 25 deg. To C.A. 24.50 28.00 20-25% quartz carbonate veins up to 2 cm. Wide, 1-3% pyrite. 33.00 35.00 25-35% quartz carbonate veins, tr.-1% pyrite. 36.14 38.20 Mafic dyke, dark green, fine grained, massive. 53.20 53.70 1-3% pyrite and pyrrhotite in stringers.	20681 20682 20683 20684 20685 20686 20687 20688 20689 20690 20691 20692 20693 20694 20695 20696	15.90 17.00 18.00 19.00 20.00 21.00 22.00 23.00 24.00 25.00 26.00 27.00 33.00 34.00 35.00 53.00 54.00	17.00 18.00 19.00 20.00 21.00 22.00 23.00 24.00 25.00 26.00 27.00 28.00 34.00 35.00 54.00 55.00	1.10 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	11 24 341 130 8 9 5	
61.50	72.75	GABBRO Mafic intrusion dark green, medium-coarse grained. Moderately foliated. Sharp upper contact 45 deg. To C.A. No carbonate alteration. Non-magnetic, massive crystalline texture with 3-5% epidote/sericite patches and stringers.	20697	72.00	73.00	1.00		
72.75	125.00	DIABASE DYKE Dark green, coarse grained, massive. Non-foliated, crystalline texture. Strongly magnetic, M.S. 5-25. Hardness = 5. Sharp upper contact 50 deg. To C.A. 72.75 78.50 Fine grained, weakly foliated, red brown, chill margin. E.O.H. Casing left in hole. Core stored at Obradovich Exploration Office Kirkland Lake.	20698 20699	73.00 74.00	74.00 75.00	1.00 1.00		



From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
52.96	70.15	ALTERED CONGLOMERATE	20749	53.00	54.00	1.00	17	
		Dark green, fine grained chloritic matrix. Weak foliation 50 deg. To C.A. Scattered clasts up to 2 cm. In length. Some sections of tectonic breccia (intense). Weak pervasive carbonate alteration, 1-2% disseminated pyrite. Strongly magnetic, trace disseminated chalcopyrite.	20750	54.00	55.00	1.00	58	
			20751	55.00	56.00	1.00	38	
			20752	56.00	57.00	1.00	14	
			20753	57.00	58.00	1.00	45	
		58.80 59.00 Quartz carbonate veins 40 deg. To C.A., 1-3% chalcopyrite.	20754	58.00	59.00	1.00	34	
			20755	59.00	60.00	1.00	9	
		62.30 62.80 Quartz carbonate veins, 1-3% chalcopyrite.	20756	60.00	61.00	1.00	34	
			20757	61.00	62.00	1.00	12	
		63.90 64.15 Quartz carbonate veins, 1-3% chalcopyrite.	20758	62.00	63.00	1.00	26	
			20759	63.00	64.00	1.00	7	
		64.35 66.00 Reddish brown color, strong tectonic breccia.	20760	64.00	65.00	1.00	8	
			20761	65.00	66.00	1.00	6	
		67.20 70.15 10-15% quartz carbonate veins, 5-7% disseminated pyrite, trace chalcopyrite. Strongly foliated 30 deg. To C.A.	20762	66.00	67.00	1.00	46	
			20763	67.00	68.00	1.00	60	
			20764	68.00	69.00	1.00	81	
		M.S. 1.1-15.0.	20765	69.00	70.00	1.00	106	
			20766	70.00	71.00	1.00	67	
70.15	142.50	DIABASE DYKE	20769	142.00	142.50	.50	31	
		Dark green, medium-coarse grained. Massive crystalline texture, 1-3% epidote stringers. Strongly magnetic, M.S. 20-35. Broken, blocky, upper contact.						
		72.00 73.20 Broken blocky core.						
142.50	196.25	ALTERED CONGLOMERATE	20770	142.50	143.00	.50	75	
		Quartz sericite carbonate schist. Dark green/brown-grey, strongly foliated 45 deg. To C.A. Strong chlorite quartz alteration, pervasive. Tectonic breccia throughout. Rare scattered clasts stretched up to 3 cm. Weak carbonate alteration, trace 1 mm. Carbonate filled fractures. Overall 7-10% disseminated pyrite.	20771	143.00	144.00	1.00	103	
			20772	144.00	145.00	1.00	102	
			20773	145.00	146.00	1.00	82	
			20774	146.00	147.00	1.00	83	
			20775	147.00	148.00	1.00	106	
		142.50 146.00 Dark brown potassic alteration. Brecciated, pervasive quartz, weak carbonate alteration. H.>5, 10-15% disseminated pyrite, stringers. M.S. 0.2-.35.	20776	148.00	149.00	1.00	128	
			20777	149.00	150.00	1.00	171	
			20778	150.00	151.00	1.00	196	
		162.80 Numerous clasts, locally up to 15-20%. Sericite content increases downhole.	20779	151.00	152.00	1.00	164	
			20780	152.00	153.00	1.00	185	
			20781	153.00	154.00	1.00	122	
			20782	154.00	155.00	1.00	117	
			20783	155.00	156.00	1.00	134	
			20784	156.00	157.00	1.00	180	
			20785	157.00	158.00	1.00	160	
			20786	158.00	159.00	1.00	183	
			20787	159.00	160.00	1.00	25	
			20788	160.00	161.00	1.00	33	
			20789	161.00	162.00	1.00	35	
			20790	162.00	163.00	1.00	237	
			20791	163.00	164.00	1.00	249	
			20792	164.00	165.00	1.00	70	
			20793	165.00	166.00	1.00	122	
			20794	166.00	167.00	1.00	80	
			20795	167.00	168.00	1.00	57	
			20796	168.00	169.00	1.00	45	
			20797	169.00	170.00	1.00	120	
			20798	170.00	171.00	1.00	204	
			20799	171.00	172.00	1.00	54	
			20800	172.00	173.00	1.00	68	
			20801	173.00	174.00	1.00	120	
			20802	174.00	175.00	1.00	44	
			20803	175.00	176.00	1.00	69	
			20804	176.00	177.00	1.00	79	
			20805	177.00	178.00	1.00	101	
			20806	178.00	179.00	1.00	116	
			20807	179.00	180.00	1.00	238	
			20808	180.00	181.00	1.00	270	
			20809	181.00	182.00	1.00	294	
			20810	182.00	183.00	1.00	241	
			20811	183.00	184.00	1.00	137	
			20812	184.00	185.00	1.00	281	
			20813	185.00	186.00	1.00	228	
			20814	186.00	187.00	1.00	379	

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
			20815	187.00	188.00	1.00	315	
			20816	188.00	189.00	1.00	232	
			20817	189.00	190.00	1.00	1934	
			20818	190.00	191.00	1.00	55	
			20819	191.00	192.00	1.00	449	
			20820	192.00	193.00	1.00	665	
			20821	193.00	194.00	1.00	954	
			20822	194.00	195.00	1.00	391	
			20823	195.00	196.00	1.00	485	
			20824	196.00	197.00	1.00	105	
196.25	249.90	DIABASE DYKE Dark green, massive coarse grained, crystalline texture. Sharp upper contact 60 deg. To C.A. Strongly magnetic, M.S. 15. E.O.H.  Casing left in hole.  Core stored at Obradovich Exploration Office, Kirkland Lake.	20825	197.00	198.00	1.00		

# Oka Project 1996 Au Assays

SO-96-7	Sample #	From	To	Width m	Au PPB	Width x Au PPB
	20771	143.00	144.00	1.00	103	103
	20772	144.00	145.00	1.00	102	102
	20773	145.00	146.00	1.00	82	82
	20774	146.00	147.00	1.00	83	83
	20775	147.00	148.00	1.00	106	106
	20776	148.00	149.00	1.00	128	128
	20777	149.00	150.00	1.00	171	171
	20778	150.00	151.00	1.00	196	196
	20779	151.00	152.00	1.00	164	164
	20780	152.00	153.00	1.00	185	185
	20781	153.00	154.00	1.00	122	122
	20782	154.00	155.00	1.00	117	117
	20783	155.00	156.00	1.00	134	134
	20784	156.00	157.00	1.00	180	180
	20785	157.00	158.00	1.00	160	160
	20786	158.00	159.00	1.00	183	183
	20787	159.00	160.00	1.00	25	25
	20788	160.00	161.00	1.00	33	33
	20789	161.00	162.00	1.00	35	35
	20790	162.00	163.00	1.00	237	237
	20791	163.00	164.00	1.00	249	249
	20792	164.00	165.00	1.00	70	70
	20793	165.00	166.00	1.00	122	122
	20794	166.00	167.00	1.00	80	80
	20795	167.00	168.00	1.00	57	57
	20796	168.00	169.00	1.00	45	45
	20797	169.00	170.00	1.00	120	120
	20798	170.00	171.00	1.00	204	204
	20799	171.00	172.00	1.00	54	54
	20800	172.00	173.00	1.00	68	68
	20801	173.00	174.00	1.00	120	120
	20802	174.00	175.00	1.00	44	44
	20803	175.00	176.00	1.00	69	69
	20804	176.00	177.00	1.00	79	79
	20805	177.00	178.00	1.00	101	101
	20806	178.00	179.00	1.00	116	116
	20807	179.00	180.00	1.00	238	238
	20808	180.00	181.00	1.00	270	270
	20809	181.00	182.00	1.00	294	294
	20810	182.00	183.00	1.00	241	241
	20811	183.00	184.00	1.00	137	137
	20812	184.00	185.00	1.00	281	281
	20813	185.00	186.00	1.00	228	228
	20814	186.00	187.00	1.00	379	379
	20815	187.00	188.00	1.00	315	315
	20816	188.00	189.00	1.00	232	232
	20817	189.00	190.00	1.00	1934	1934
	20818	190.00	191.00	1.00	55	55
	20819	191.00	192.00	1.00	449	449
	20820	192.00	193.00	1.00	665	665

## Oka Project 1996 Au Assays

20821	193.00	194.00	1.00	954	954
20822	194.00	195.00	1.00	391	391
20823	195.00	196.00	1.00	485	485
20824	196.00	197.00	1.00	105	105
<b>Average</b>	<b>143.00</b>	<b>197.00</b>	<b>54.00</b>	<b>218</b>	
<b>Average</b>	<b>189.00</b>	<b>196.00</b>	<b>7.00</b>	<b>705</b>	

## SEDEX MINING CORP.

Page: 1 of 2

Northing: -125  
 Easting: -100  
 Elevation: 1000

## DRILL HOLE RECORD

Drill Hole: SO-97-8

Collar Azi.: 330  
 Collar Dip: -45.0  
 Hole Length: 194  
 Date Started: Jan 23, 1997  
 Completed: Jan 25, 1997

\*\*\* Dip Tests \*\*\*  
 Depth Azi. Dip  
 100 330 -43.0

Easting: L 1+00 W  
 Northing: 1+25 S  
 Claim: 1206147  
 Property: OKA Project  
 Drilled by: Lareniere Drilling  
 Logged by: T. Keast  
 Purpose: Test Gold Horizon

Jan 26/97

Jed/ent

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngt (m)	AU PPB	AU G/T
.00	6.00	CASING Overburden.						
6.00	13.75	GREYWACKE Grey, massive, fine grained, granular-gritty greywacke. Massive, weakly foliated 45 deg. To C.A. Weakly fractured, 1-2% epidote and carbonate fractures up to 2 mm. Wide. No bedding present. H.=4. Rare 1 cm. Clasts. Weak localized pervasive carbonate alteration. M.S. 0.15. 6.50 7.10 Broken, blocky core.	20042 20043	12.00 13.00	13.00 13.75	1.00 .75	3 2	
13.75	15.73	ALTERED SYENITE Red-brown, moderately foliated 40 deg. To C.A. Highly fractured with 15-20% 1 m. Quartz chlorite veinlets 1 mm. Wide. Large quartz vein, 15.00-15.30 m. 1-2% tourmaline in vein. Sharp upper contact 50 deg. To C.A. Tr.-1% disseminated pyrite. H.<5, M.S. 0.12-0.15.	20044 20045	13.75 14.50	14.50 15.73	.75 1.23		
15.73	82.40	GREYWACKE Grey-light green, massive, weakly foliated 40 deg. To C.A. Rare wispy sericite epidote bands, possible bedding. Weak sericite alteration gives a yellowish tint. Overall 1-2% quartz carbonate veins up to .5 cm. Wide. Rare rounded clasts throughout, up to 1 cm. In diameter. Rare pyrite grain. Sharp upper contact 30 deg. To C.A. M.S. .15, H. 4-5. 17.00 17.80 Broken, blocky core. Red-orange iron staining. 27.15 27.58 Broken, blocky core 45 deg. To C.A. 28.00 Sericite content increases, unit is lighter buff colour. 34.05 36.75 Coarse grained conglomerate interbed. Clasts, rounded, up to 3 cm. In diameter. Sharp upper bedding contact 45 deg. To C.A. 1-3% disseminated pyrite.  Below 38.00 m. Rare 1 cm. Chlorite/fuuccite clasts, irregular patchy shape. 45.50 46.00 Coarse conglomerate interbedd, clasts, 1 cm. Rounded. 60.85 61.00 White quartz veins, barren, 85 deg. To C.A. 61.00 62.25 3-5% disseminated pyrite, weak sericite. 66.80 68.10 Altered syenite, red-brown. 1-3% feldspar phenocrysts. Weakly foliated 30 deg. To C.A., tr.-1% pyrite. 74.00 75.02 Brecciated section. Strongly foliated 30 deg. To C.A. Strong sericite alteration, 15-20% quartz veins and brecciated veins. 7-10% disseminated pyrite. 77.60 78.35 Strongly foliated, 5-7% quartz carbonate veins. 81.00 81.60 70% white quartz carbonate veins.	20046 20047 20048 20049 20050 20051 20052 20053 20054 20055 20056 20057 20058 20059	15.73 34.00 35.00 60.00 61.00 62.00 62.00 66.00 66.80 67.50 73.00 74.00 75.00 81.00 82.00	16.50 35.00 36.00 61.00 62.00 63.00 66.80 67.50 68.10 74.00 75.00 76.00 82.00 82.40	.77 1.00 1.00 1.00 1.00 1.00 .80 .70 .60 1.00 1.00 1.00 1.00 1.00	5 75 38 7 2 2 21 105 43 17 9	



From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T			
82.40	95.50	ALTERED CONGLOMERATE  Light buff-grey, weakly foliated 45 deg. To C.A. Weak-moderate 1 mm. Fractures, pervasive, 1-2% quartz veins, brecciated. 5-7% disseminated pyrite, fine grained, locally 7-10%. 1-2% scattered fucssite clasts (patchy, irregular and stringers).  83.40 84.00 Broken, blocky core.  87.50 89.60 Coarse, rounded conglomerate clasts, 7-10% pyrite.  86.30 87.00 1 cm. Quartz veins, brecciated 5 deg. To C.A.  H.=4, M.S. 0.10.   92.00 92.75 Coarse conglomerate clasts, 2 cm., rounded.	20060	82.40	83.50	1.10	27				
			20061	83.50	84.50	1.00	38				
			20062	84.50	85.50	1.00	36				
			20063	85.50	86.50	1.00	27				
			20064	86.50	87.50	1.00	15				
			20065	87.50	88.50	1.00	34				
			20066	88.50	89.50	1.00	27				
			20067	89.50	90.50	1.00	62				
			20068	90.50	91.50	1.00	51				
			20069	91.50	92.50	1.00	48				
			20070	92.50	93.50	1.00	74				
			20071	93.50	94.50	1.00	60				
			20072	94.50	95.50	1.00	50				
			95.50	115.50	CONGLOMERATE  Grey-light green, fine grained, granular matrix with 5-7% locally up to 25%, round conglomerate clasts. Clasts rounded, up to 3 cm., matrix supported. Weakly foliated 35 deg to C.A. Possibly parallel to bedding. 3-5% disseminated pyrite. Tr.-1% scattered fucssite clasts and irregular stringers. H. 4-5, M.S. 0.1-0.3.  107.50 115.50 Moderate sericite alteration, 7-10% pyrite.	20073	95.50	96.50	1.00	87	
						20074	96.50	97.50	1.00	62	
20075	97.50	98.50				1.00	163				
20076	98.50	99.50				1.00	86				
20077	107.50	108.50				1.00	46				
20078	108.50	109.50				1.00	51				
20079	109.50	110.50				1.00	41				
20080	110.50	111.50				1.00					
20081	111.50	112.50				1.00	50				
20082	112.50	113.50				1.00					
20083	113.50	114.50				1.00	70				
20084	114.50	115.50				1.00	129				
115.50	194.00	ALTERED CONGLOMERATE  Dark green-dark grey, weakly foliated 35 deg. To C.A. Wispy chloritic fine grained conglomerate clasts, rounded, up to 2 cm. Hazy clast margins. H. 3-4, M.S. 3.5-8.5. Gradational upper contact, trace pyrite. 119.14 119.35 Granitic dyke, coarse grained, sharp contact 45 deg. To C.A.  126.75 Weak red colour, hematite alteration in matrix, rare clasts, altered. Overall 1-2% 1 cm. Quartz veins, barren.  129.50 3-5% disseminated pyrite.  132.50 133.80 Strong K-feldspar alteration, 7-10% disseminated pyrite.  Below 136.00, trace pyrite.  139.80 Strong pervasive feldspar, hematite alteration. Trace pyrite. 1-3% quartz carbonate stringers. Tr.-1% hematite. Strong alteration, Strongly magnetic throughout.   156.80 160.50 1-3% disseminated pyrite, strong foliation 40 deg. To C.A.  167.20 167.60 White quartz vein 40 deg. To C.A. 1-2% galena Trace chalcopryrite, trace pyrite.  167.60 173.00 1-3% pyrite, tr.-1% hematite in 5 mm. Carbonate veins, 2-3% carbonate veins.  180.50 181.00 3-5% hematite in quartz veins.  183.50 184.20 7-10% hematite in quartz epidote veins 75 deg. To C.A., trace pyrite.  Strong pervasive chloritic hematite alteration. Rounded clast outlines, still visible.  E.O.H.  Casing left in hole.  Core stored at Obradovich Exploration Office.				20085	127.00	128.00	1.00	39	
			20086	128.00	129.00	1.00	3				
			20087	129.00	130.00	1.00	74				
			20088	130.00	131.00	1.00	57				
			20089	131.00	132.00	1.00	54				
			20090	132.00	133.00	1.00	81				
			20091	133.00	134.00	1.00	252				
			20092	134.00	135.00	1.00	41				
			20093	135.00	136.00	1.00	26				
			20094	142.00	143.00	1.00	33				
			20095	143.00	144.00	1.00	12				
			20096	144.00	145.00	1.00	17				
			20097	156.00	157.00	1.00	53				
			20098	157.00	158.00	1.00	87				
			20099	158.00	159.00	1.00	46				
			20100	159.00	160.00	1.00	117				
			20101	160.00	161.00	1.00	41				
			20102	166.50	167.20	.70	7				
			20103	167.20	167.60	.40	5				
			20104	167.60	168.50	.90	27				
			20105	168.50	169.50	1.00	9				
			20106	169.50	170.50	1.00	5				
			20107	170.50	171.50	1.00	48				
			20108	171.50	172.50	1.00	43				
			20109	172.50	173.50	1.00	14				
			20110	180.00	181.00	1.00	15				
20111	181.00	182.00	1.00	62							
20112	182.00	183.00	1.00	14							
20113	183.00	184.00	1.00	39							
20114	184.00	185.00	1.00	10							



From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
		83.00 87.00 20-25% quartz carbonate veins, 1-2% pyrite in coarse cubes 35 deg. To C.A.						
		92.50 95.50 20-25% quartz carbonate veins. Trace-1% coarse pyrite cubes.						
		97.70 98.00 Broken, blocky core. Slip planes 35 deg to C.A.						
		115.40 Coarse 2 cm long spinifex blades.						
		117.00 121.50 Green carbonate zone. Strong alteration zone 20-25% quartz carbonate veins. 10-15% green wispy chlorite fucssite fragments. 1-2% coarse pyrite cubes up to 1 cm.						
		Below 129.00 m. M.S. Drops to 0.30.						
134.00	161.60	QUARTZ CARBONATE CHLORITE SCHIST						
		Strongly sheared ultramafic flows. Green-grey with 25-30% irregular quartz carbonate veins. Strong foliation 30 deg to C.A. Veins irregular, patchy and brecciated. 1-2% disseminated pyrite. Fine grained local, massive ultramafic section .25 cm. Wide. Soft H 2-3, M.S. 0.30. Quartz carbonate veins are fractured and broken, reactivation of shear zone.	20142	134.00	135.00	1.00		
			20143	135.00	136.00	1.00	2	
			20144	136.00	137.00	1.00		
			20145	137.00	138.00	1.00		
			20146	138.00	139.00	1.00		
			20147	139.00	140.00	1.00		
			20148	140.00	141.00	1.00	2	
			20149	141.00	142.00	1.00		
			20150	142.00	143.00	1.00	5	
			20151	143.00	144.00	1.00		
			20152	144.00	145.00	1.00	2	
			20153	145.00	146.00	1.00		
			20154	146.00	147.00	1.00	29	
			20155	147.00	148.00	1.00	14	
			20156	148.00	149.00	1.00	7	
			20157	149.00	150.00	1.00	12	
			20158	150.00	151.00	1.00	21	
			20159	151.00	152.00	1.00	24	
			20160	152.00	153.00	1.00	33	
			20161	153.00	154.00	1.00	29	
			20162	154.00	155.00	1.00	9	
			20163	155.00	156.00	1.00	7	
			20164	156.00	157.00	1.00	51	
			20165	157.00	158.00	1.00	314	
			20166	158.00	159.00	1.00	39	
			20167	159.00	160.00	1.00	58	
			20168	160.00	161.00	1.00	24	
			20169	161.00	162.00	1.00	22	
161.60	172.85	SHEARED GREYWACKE						
		Grey-brown, fine grained, strongly foliated 45 deg. To C.A. Strongly brecciated, 7-10% brecciated quartz veins. Trace-1% pyrite. Matrix?? grey ??chlorite. Gradational upper contact. Albite veins, creamy patchy, irregular. M.S. 0.15.	20170	162.00	163.00	1.00	3	
			20171	172.00	173.00	1.00		
172.85	177.77	SYENITE						
		Red-orange, fine-medium grained, strongly foliated 45 deg. To C.A. Sharp upper contact 60 deg. To C.A. 3-5% white quartz veins, up to 5 cm. Wide. 3-5% 1 mm. Fractures. Local brecciated sections, 5 cm. Wide. Trace-1% tourmaline, fine grained. 1-3% pyrite, trace chalcopyrite.	20172	173.00	174.00	1.00		
			20173	174.00	175.00	1.00		
			20174	175.00	176.00	1.00	7	
			20175	176.00	177.00	1.00	5	
			20176	177.00	178.00	1.00	2	
		175.00 176.40 Altered greywacke/syenite.						
		H. > 5, M.S. 0.5-2.67.						
177.77	185.60	SHEARED GREYWACKE						
		Red-brown, moderately sheared 40 deg. To C.A. Fine grained, massive, patchy albite alteration.	20177	178.00	179.00	1.00		
			20178	179.00	180.00	1.00		
			20179	180.00	181.00	1.00		
			20180	181.00	182.00	1.00	10	
			20181	182.00	183.00	1.00	14	
			20182	183.00	184.00	1.00	14	
			20183	184.00	185.00	1.00	15	
			20184	185.00	186.00	1.00	15	
		181.50 181.75 Orange coloured porphyry.						
		Tr. -1% disseminated pyrite. H.>5, M.S. 0.15. Sharp upper contact.						

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
185.60	194.00	GREYWACKE Grey-green, local patchy epidote albite, patchy, brecciate veins. Weakly foliated 40 deg. To C.A. Narrow 4 cm. Fine grained interbeds. Scattered 1 cm. Rounded clasts. 2-3% quartz veins, trace pyrite. M.S. 0.15.  E.O.H.  Casing left in hole.  Core stored at Obradovich Exploration Office, Kirkland Lake.	20185 20186 20187	186.00 187.00 188.00	187.00 188.00 189.00	1.00 1.00 1.00	17 5 12	

## SEDEX MINING CORP.

Page: 1 of 1

Northing: 525  
Easting: 500  
Elevation: 1000

## DRILL HOLE RECORD

Drill Hole: SO-97-10

Collar Azi.: 330  
Collar Dip: -45.0  
Hole Length: 177  
Date Started: JAN 30, 1997  
Completed: FEB 1, 1997

\*\*\* Dip Tests \*\*\*  
Depth Azi. Dip  
100 330 -43.5

Easting: ~~500~~ 5+00 E  
Northing: ~~525~~ 5+25 N  
Claim: ~~1202567~~ 1223285  
Property: OKA Project  
Drilled by: Lareniere Drilling  
Logged by: T.Keast  
Purpose: Test IP ANOMALY

Feb 2/97

Jodd Keast

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
.00	9.00	CASING Overburden.						
9.00	31.00	ALTERED CONGLOMERATE Dark green-grey, weakly foliated 40 deg. To C.A. Local reddish colouration, hematite alteration. H. 4-5, M.S. 0.3-14.00. Trace-1% pyrite. Rounded clasts up to 5 cm., various compositions in quartz chlorite matrix. Matrix supported clasts, weathered, flattened/stretched.	20188 20189 20190 20191 20192 20193 20194 20195 20196 20197 20198 20199	15.00 16.00 17.00 18.00 19.00 20.00 24.00 25.00 26.00 27.00 28.00 29.00	16.00 17.00 18.00 19.00 20.00 21.00 25.00 26.00 27.00 28.00 29.00 30.00	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	10 15 3 2 10 5 12 15 29 22	
24.00	30.00	Strong pyrite mineralization, 3-5% with weak red potassium alteration. 7-10% coarse, 2 cm. Clasts. Clast supported.						
31.00	177.00	CONGLOMERATE Grey-green, massive, weakly foliated. Round clasts up to 5 cm., weakly stretched, matrix supported. Weak-moderate foliation 45 deg. To C.A. Clasts various composition. Fine-medium ??greywacke matrix. Below 41.00 m. M.S. Drops to 0.20. 66.00 66.90 Mafic dyke, fine grained, dark green, sharp upper contact 60 deg. To C.A. Foliation intensity increases downhole. 80.50 Increase in clast contact with increase in pyrite content. 20-25% clasts, 2-3% disseminated pyrite. Siliceous matrix, moderately foliated 45 deg. To C.A. Clasts up to 5 cm. Round. 93.50 97.70 Moderate shear, 3-5% pyrite, weak sericite, trace fucbsite. Weak carbonate. 113.00 115.00 2-3% disseminated pyrite in coarse conglomerate section. 136.00 139.00 2-3% disseminated pyrite, weak pervasive carbonate alteration 1-2% quartz veins. Below 119.00 m. M.S. 5-9. 155.30 156.80 Mafic dyke, sharp upper and lower contact 70 deg. To C.A. Medium-coars grained. 160.40 163.70 Bleached mafic dyke, fine grained, ??, 1-2% quartz veins. M.S. 0.25. Below 164.00 M.S. Drops to 0.20. Clast content decreases, 3-5% clasts up to 2 cm. 171.40 172.70 Mafic dyke, 3-5% quartz veins 45 deg. To C.A., 2-3% pyrite. 177.00 E.O.H. Casing pulled. Core stored Obradovich Exploration Office Kirkland Lake.	20200 20201 20202 20203 20204 20205 20206 20207 20208 20209 20210 20211 20212 20213 20219 20220 20221 20222 20224 20225 20226	81.00 82.00 83.00 84.00 88.00 89.00 90.00 91.00 92.00 92.00 93.00 94.00 94.00 95.00 96.00 97.00 98.00 160.00 161.00 162.00 163.00 163.00 163.00 170.00 171.00 171.00 172.00	82.00 83.00 84.00 85.00 89.00 90.00 91.00 92.00 93.00 94.00 95.00 96.00 97.00 98.00 161.00 162.00 163.00 164.00 171.00 172.00 173.00	1.00 1.00	17 10 2 7 29 2 46 36 72 17 29 2 53 7	

## SEDEX MINING CORP.

Page: 1 of 3

Northing: 1208  
Easting: 907  
Elevation: 1000

## DRILL HOLE RECORD

Drill Hole: SO-98-11

Collar Azi.: 150  
Collar Dip: -45.0  
Hole Length: 101  
Date Started: May 22, 1998  
Completed: ~~March~~ 23, 1998

\*\*\* Dip Tests \*\*\*  
Depth Azi. Dip  
100 150 -43.5

Easting: ~~NO~~ L 9+07 E  
Northing: L 12+07 N  
Claim: 1223271  
Property: Oka Project  
Drilled by: Norex Drilling Limited  
Logged by: T. Keast  
Purpose: Test surface gold showing

May 23/98

Logged May 24/98

Jodell Connet

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngt (m)	AU PPB	AU G/T
.00	2.00	CASING						
2.00	15.80	ALTERED MAFIC VOLCANIC FLOW						
		Red-brown strongly altered magic volcanic flow(?) Red-brown, fine grained, weakly foliated 40 deg to C.A. Pervasive red-brown colour K-spar or hematite alteration. Brecciated texture with 10-15% soft chloritic stringer-bands 40 deg to C.A., 7-10% carbonate stringers up to 1cm wide 40 deg and 5 deg to C.A. Weak pervasive carbonate alteration. 10-15% disseminated pyrite throughout entire unit. Pyrite 1-2mm fine grained. Tr fine 1mm galena grains. H 3-4, MS 1.5-55.0.	3001	2.00	3.00	1.00	166	
			3002	3.00	4.00	1.00	206	
			3003	4.00	5.20	1.20	106	
			3004	5.20	6.00	.80	117	
			3005	6.00	7.00	1.00	122	
			3006	7.00	8.00	1.00	178	
			3007	8.00	9.00	1.00	264	
			3008	9.00	10.00	1.00	185	
			3009	10.00	11.00	1.00	146	
			3010	11.00	12.00	1.00	211	
			3011	12.00	13.00	1.00	74	
			3012	13.00	14.00	1.00	110	
			3013	14.00	15.00	1.00	75	
			3014	15.00	15.80	.80	93	
		3.95 5.20 Broken blocky core rusted rounded fragments up to 2cm. 1.0 m ground core.						
		7.57 7.75 Qtz carb vein 3-5% py 3-5% hem. 35 deg to C.A.						
		13.80 14.30 Strong shear zone, chloritic carb shear, carb fragments 35 deg to C.A.						
		2.00 3.00 Strong k-spar 7-10% py, 3-5% carb. MS 25.						
		3.00 4.00 Strong k-spar 7-10% py 5-7% carb. MS 15.						
		4.00 5.20 Broken blokoy core MS 7.						
		5.20 6.00 Mod k-spar 10-15% py tr gal 5-7% carb. MS 37.						
		6.00 7.00 Strong k-spar 3-5% carb 7-10% py. MS 31.						
		7.00 8.00 Strong K-spar 3-5% carb 7-10% py MS 7.						
		8.00 9.00 Mod k-spar weak carb 7-10% py MS 40.						
		9.00 10.00 Mod k-spar weak carb 7-10% py tr gal MS 35.						
		10.00 11.00 Weak k-spar, weak carb, 5-7% py, MS 1.						
		11.00 12.00 Weak k-spar, weak carb 5-7% py MS 0.75.						
		12.00 13.00 Weak k-spar, weak carb, 5-7% py MS 0.35.						
		13.00 14.00 Weak kspar, weak carb, 3-5% py MS 0.20.						
		14.00 15.00 Chloritic, weak carb, 1-3% py MS 0.20.						
		15.00 15.80 Chloritic, mod carb, 5-7% py, MS 0.20.						
15.80	20.80	CHLORITE CARBONATE SCHIST						
		Stronly sheared mafic volcanics, chlorite carbonate schist White-grey carbonate material brecciated in lithon shaped fragments in a chloritic matrix. Strongly foliated 35 deg to C.A. Sharp upper contact 60 deg to C.A. 3-5% fine disseminated py. H 3-4. MS 0.20.	3015	15.80	16.50	.70	120	
			3016	16.50	17.50	1.00	91	
			3017	17.50	18.50	1.00	19	
			3018	18.50	19.50	1.00	45	
			3019	19.50	20.80	1.30	2	
20.80	27.20	SYENITE PORPHYRY						
		Red-orange fine grained, strongly foliated and brecciated syenite intrusion. Sharp upper contact 35 deg to C.A. 1-3% coarse subrounded feldspar phenocrysts up to 1 cm wide down to 23.60m. Highly brecciated, with 5-7% grey and white qtz veins, parallel and cross-cutting foliation. 3-5% grey-white irregular qtz veins up to 1 cm wide, 40 deg to C.A. 7-10% 1-3mm carb filled fractures 30 deg to C.A. Overall 7-10% fine disseminated py throughout matrix 3-5% in qtz veins. H>5, MS low 0.05.	3020	20.80	21.50	.70	51	
			3021	21.50	22.50	1.00	135	
			3022	22.50	23.50	1.00	338	
			3023	23.50	24.50	1.00	57	
			3024	24.50	25.39	.89	50	
			3025	25.39	26.50	1.11	346	
			3026	26.50	27.20	.70	331	
		25.39 25.80 Grey quartz vein 10 deg to C.A., 10-15% py along vein margin.						
		20.80 21.50 3-5% qtz frac, 10-15% py, tr gal.						
		21.50 22.50 5-7% qtz frac, 10-15% py, tr gal, tr cpy chloritic patches.						
		22.50 23.50 3-5% qtz fract, 7-10% py.						
		23.50 24.50 5-7% qtz fract, 10-15% py, tr cpy.						
		24.50 25.39 5-7% qtz fract, 10-15% py.						
		25.39 26.50 7-10% qtz veins and fract, 10-15% py, tr cpy.						
		26.50 27.20 5-7% qtz fract, 7-10% py tr cpy.						

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
27.20	28.50	CHLORITE CARBONATE SCHIST Strongly sheared mafic volcanics chlorite carbonate schist White-grey carbonate material brecciated in lithon shaped fragments in chloritic matrix. Strongly foliated 15 deg to C.A. Sharp upper contact 10 deg to C.A., strongly sheared contact. 3-5% fine disseminated py. H 3-4. MS 0.20.	3027	27.20	28.50	1.30	302	
28.50	36.40	COARSE FELDSPAR PORPHYRY Feldspar Porphyry intrusion or porphyritic massive flow Fine-medium grained, weakly foliated 60 deg to C.A. Sharp brecciated upper contact. Brown colour, pervasive k-spar alteration? weak fine chlorite. 3-5% 1cm rounded pink feldspar phenocrysts. Tr-1% fine dis py. 1-3% carb filled fractures up to 3mm wide, weak-moderate pervasive carbonate. H 4 MS 0.15. 36.00 36.40 Strongly sheared lower contact, qtz carb chlor schist, 55 deg to C.A. 1-3% py.	3028 3029 3030 3031 3032 3033 3034 3035	28.50 29.50 30.50 31.50 32.50 33.50 34.50 35.50	29.50 30.50 31.50 32.50 33.50 34.50 35.50 36.40	1.00 1.00 1.00 1.00 1.00 1.00 1.00 .90	14 12 14 110 209 19 48 65	
36.40	43.90	SYENITE PORPHYRY Red-brown fine grained, strongly foliated and brecciated. Sharp upper contact 50 deg to C.A. 3-5% coarse subrounded feldspar phenocrysts up to 1 cm wide. Highly brecciated, with 1-3% grey and white qtz veins, parallel and crosscutting foliation. 7-10% 1-3mm carb filled fractures 30 deg to C.A. Strong pervasive carbonate. Overall 3-5% fine disseminated py, tr galena throughout. H>5, MS low 0.05.	3036 3037 3038 3039 3040 3041 3042	36.40 37.50 38.50 39.50 40.50 41.50 42.50	37.50 38.50 39.50 40.50 41.50 42.50 43.90	1.10 1.00 1.00 1.00 1.00 1.00 1.40	478 345 291 302 235 314 247	
43.90	44.42	CHLORITE CARBONATE SCHIST Strongly sheared mafic volcanics, chlorite carbonate schist. White-grey carbonate material brecciated in lithon shaped fragments in chloritic matrix. Sharp upper contact 45 deg to C.A. Strongly foliated 40 deg to C.A. 3-5% fine disseminated py. H 3-4. MS 0.20.	3043	43.90	45.50	1.60	36	
44.42	47.07	LAMPROPHYRE DYKE Dark brown, fine to medium grained lamprophyre dyke. Sharp upper contact 55 deg to C.A. 1-3% fine biotite/amphibole. Massive weakly crystalline texture. 1-3% py in disseminations and 6mm cubes. H 4, MS 0.20.	9042	45.50	47.07	1.57		
47.07	49.50	CHLORITE CARBONATE SCHIST Strongly sheared mafic volcanic flows, chlorite carbonate schist White-grey carbonate material brecciated in lithon shaped fragments in chloritic matrix. Sharp upper contact 25 deg to C.A. Sheared. Strongly foliated 40 deg to C.A. 3-5% fine disseminated py. Tr hematite. H 3-4. MS 0.20.	3044 3045	47.07 48.00	48.00 49.50	.93 1.50	252 1365	1.37
49.50	54.58	MAFIC LAPILLI TUFF Mafic lapilli tuff or possible tectonic breccia. Dark brown, fine grained matrix with 5-7% lappilli sized fragments up to 5mm subrounded. Sharp upper contact 45 deg to C.A. Unsorted with chloritic matrix. 1-3% dis py. K-spar alteration increasing downhole total overprint of original texture. Strong pervasive carbonate alteration. H 4 MS 0.20.	3046 3047 3048 3049 3050	49.50 50.50 51.50 52.50 53.50	50.50 51.50 52.50 53.50 54.58	1.00 1.00 1.00 1.00 1.08	199 753 1886 629 1946	1.89 1.95
54.58	57.00	CHLORITE CARBONATE SCHIST Strongly sheared mafic volcanics, chlorite carbonate schist. White-grey carbonate material brecciated in lithon shaped fragments in chloritic matrix. Sharp upper contact 35 deg to C.A. Sheared. Strongly foliated 40 deg to C.A. 1-3% fine disseminated py. Tr hematite. H 3-4. MS 0.20.	3051 3052 3053	54.58 55.50 56.50	55.50 56.50 57.00	.92 1.00 1.50	1347 19 117	1.35
57.00	59.90	ALTERED MAFIC VOLCANIC FLOW Red-brown altered massive flow or lamprophyre dyke. Red-brown medium grained, pervasive k-spar alteration pervasive carbonate. Gradational upper contact. Weakly foliated 55 deg to C.A. 3-5% dis	3054 3055 3056	57.00 58.00 59.00	58.00 59.00 59.90	1.00 1.00 .90	147 86 367	

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
		py, 1-3% carb veins and fractures. H 4 MS 0.50.						
59.90	101.00	MAFIC VOLCANIC FLOWS						
		Altered mafic volcanic flows. Light green to dark green, fine grained. Sharp upper contact 75 deg to C.A. Weak to moderate foliation 40 deg to C.A. 10-15% broken brecciated carbonate veins and stringers and carb patches up to 4 cm in chloritic matrix. Strong pervassive calcite alteration, blue ferrocaltite staining. 1% grey veins and vein frags 5-10% py, 1-3% in chlorite rich stringers and matrix to carb fragments. H 4 MS 0.5 300.0.	3057	59.90	61.00	1.10	2194	2.19
			3058	61.00	62.00	1.00	1310	1.31
			3059	62.00	63.00	1.00	209	
			3060	63.00	64.00	1.00	655	
			3061	64.00	65.00	1.00	2400	2.40
			3062	65.00	66.00	1.00	3326	3.33
			3063	66.00	67.00	1.00	891	
		61.30 62.00 15-20% py, 7-10% Mt, tr cpy. Highly magnetic weakly conductive. Sulphides in patches and weak stringers, medium to coarse grained.	3064	67.00	68.00	1.00	5794	5.79
		64.00 65.50 Strong tectonic breccia 35% carb fragments 1-3% py tr mt.	3065	68.00	69.00	1.00	984	
		From 68m downhole increase in patchy grey calcite. Irregular patches up to 6 cm.	3066	69.00	70.00	1.00	1661	1.66
		Unit appears to be a mafic flow breccia. 3-5% pyrite in matrix.	3067	70.00	71.00	1.00	547	
			3068	71.00	72.00	1.00	1646	1.65
			3069	72.00	73.00	1.00	950	
			3070	73.00	74.00	1.00	926	
			3071	74.00	75.00	1.00	117	
		94.00 101.00 Weak carb alteration, 5-7% epidote in stringers and clasts.	3072	75.00	76.00	1.00	507	
			3073	76.00	77.00	1.00	957	
		59.90 61.00 Py 1-3%, Po 1-3%, Cpy tr-1% Strong Calcite, blue stain MS 25.	3074	77.00	78.00	1.00	189	
		61.00 62.00 Py 7-10%, Mt 10%, Cpy tr, MS 150.	3075	78.00	79.00	1.00	307	
		62.00 63.00 Py 5-7%, Mt 3-5%, MS 75.	3076	79.00	80.00	1.00	183	
		63.00 64.00 Py 1-3%, Mt 3-5% MS 35.	3077	80.00	81.00	1.00	435	
		64.00 65.00 Py 1-3%, Mt 3-5%, Strong Calcite MS 50.	3078	81.00	82.00	1.00	1097	1.10
		65.00 66.00 Py 1-3% Po 1-3%, Mt 1% MS 55.	3079	82.00	83.00	1.00	273	
		66.00 67.00 Py 1-3% Mt tr MS 25 weak calcite.	3080	83.00	84.00	1.00	842	
		67.00 68.00 Py 2-3%, Mt tr, MS 20 weak calcite 1% qtz veins.	3081	84.00	85.00	1.00	651	
		68.00 69.00 Py 5-7% Mt 2-3% mt MS 22 Strong calcite.	3082	85.00	86.00	1.00	365	
		69.00 70.00 Py 5-7% Mt 1-3% mt MS 12 Strong calcite.	3083	86.00	87.00	1.00	1371	1.37
		70.00 71.00 Py 5-7% Mt 1-3% MS 12 strong calcite.	3084	87.00	88.00	1.00	218	
		71.00 72.00 Py 3-5%, Mt 2-3% 45 strong calcite.	3085	88.00	89.00	1.00	670	
		72.00 73.00 Py 3-5%, Mt 3-5% MS 35 strong calcite.	3086	89.00	90.00	1.00	86	
		73.00 74.00 Py 3-5% Mt 5-7% MS 75 strong calcite.	3087	90.00	91.00	1.00	166	
		74.00 75.00 Py 3-5% Mt 3-5% MS 12 strong calcite.	3088	91.00	92.00	1.00	711	
		75.00 76.00 Py 1-3% Mt 2-3% MS 100 strong calcite.	3089	92.00	93.00	1.00	1749	1.75
		76.00 77.00 Py 3-5% Mt 3-5% MS 25 strong calite.	3090	93.00	94.00	1.00	182	
		77.00 78.00 Py 3-5% Mt 3-5% MS 12 strong calcite.	3091	94.00	95.00	1.00	357	
		78.00 79.00 Py 5-7% Mt 3-5% MS 50 strong calcite.	3092	95.00	96.00	1.00	514	
		79.00 80.00 Py 3-5% Mt 3-5% MS 35 strong calcite.	3093	96.00	97.00	1.00	1426	1.43
		80.00 81.00 Py 2-3% Mt 2-3% MS 40 strong calcite.	3094	97.00	98.00	1.00	63	
		81.00 82.00 Py 5-7%, Mt 3-5% MS 40 calcite.	3095	98.00	99.00	1.00	765	
		82.00 83.00 Py 3-5, Mt 3-5% MS 28 strong calcite.	3096	99.00	100.00	1.00	278	
		83.00 84.00 Py 5-7%, Mt 3-5%, tr Po, MS 45 strong calcite.	3097	100.00	101.00	1.00	303	
		84.00 85.00 Py 5-7%, Mt 5-7% MS 75 strong calcite, weak epidote.						
		85.00 86.00 Py 2-3% Mt 3-5%, MS 35 strong calcite.						
		86.00 87.00 Py 3-5%, 1-3%, MS 50 strong calcite.						
		87.00 88.00 Py 5-7% Mt 5-7% Ms 50, strong calcite, blue pink stain.						
		88.00 89.00 Py 7-10%, Mt 3-5% MS 50 strong calcite weak epidote.						
		89.00 90.00 Py 1-3% Mt tr MS 1.5 strong calcite.						
		90.00 91.00 Py 1-3% Mt 1-3% MS 25 strong calcite, weak epidote.						
		91.00 92.00 Py 1-3%, Mt 1-3% MS 35 strong calcite, weak epidote.						
		92.00 93.00 Py 1-3% Mt tr, MS 2.0 strong calcite, weak epidote.						
		93.00 94.00 Py 1-3% Mt 1-3% Ms 1.5, strong calcite, weak epidote.						
		94.00 95.00 Py 3-5% Mt 2-3% MS 50 strong calcite, strong epidote.						
		95.00 96.00 Py tr-1% Mt 1-3% MS 10 strong calcite, weak epidote.						
		96.00 97.00 Py 3-5% Mt 1-3% MS 15 strong calcite.						
		97.00 98.00 Py 1-3%, Mt 2-3%, MS 50, strong calcite, moderate epidote.						
		98.00 99.00 Py 5-7%, Mt 2-3% MS 35 strong calcite, moderate epidote.						
		99.00 100.00 Py 5-7%, Mt tr-1% MS 35 strong calcite strong epidote.						
		100.00 101.00 Py 5-7%, Mt 1-3% Mt MS 35 strong calcite, strong epidote.						
	101.00	E.O.H.						



# Oka Project 1998 Au Assays

SO-98-11	Sample #	From	To	Width m	Au PPB	Width x Au PPB
	3001	2.00	3.00	1.00	166	166
	3002	3.00	4.00	1.00	206	206
	3003	4.00	5.20	1.20	106	127
	3004	5.20	6.00	0.80	117	94
	3005	6.00	7.00	1.00	122	122
	3006	7.00	8.00	1.00	178	178
	3007	8.00	9.00	1.00	264	264
	3008	9.00	10.00	1.00	185	185
	3009	10.00	11.00	1.00	146	146
	3010	11.00	12.00	1.00	211	211
	3011	12.00	13.00	1.00	74	74
	3012	13.00	14.00	1.00	110	110
	3013	14.00	15.00	1.00	75	75
	3014	15.00	15.80	0.80	93	74
	3015	15.80	16.50	0.70	120	84
	3016	16.50	17.50	1.00	91	91
	3017	17.50	18.50	1.00	19	19
	3018	18.50	19.50	1.00	45	45
	3019	19.50	20.80	1.30	2	3
	3020	20.80	21.80	1.00	51	51
	3021	21.50	22.50	1.00	135	135
	3022	22.50	23.50	1.00	338	338
	3023	23.50	24.50	1.00	57	57
	3024	24.50	25.50	1.00	50	50
	3025	25.50	26.50	1.00	346	346
	3026	26.50	27.20	0.70	331	232
	3027	27.20	28.50	1.30	302	393
	3028	28.50	29.50	1.00	14	14
	3029	29.50	30.50	1.00	12	12
	3030	30.50	31.50	1.00	14	14
	3031	31.50	32.50	1.00	110	110
	3032	32.50	33.50	1.00	209	209
	3033	33.50	34.50	1.00	19	19
	3034	34.50	35.50	1.00	48	48
	3035	35.50	36.40	0.90	65	58
	3036	36.40	37.50	1.10	478	526
	3037	37.50	38.50	1.00	345	345
	3038	38.50	39.50	1.00	291	291
	3039	39.50	40.50	1.00	302	302
	3040	40.50	41.50	1.00	235	235
	3041	41.50	42.50	1.00	314	314
	3042	42.50	44.00	1.50	247	371
	3043	44.00	45.50	1.50	36	54
	9042	45.50	47.07	1.57	10	15.7
	3044	47.07	48.00	0.93	252	234
	3045	48.00	49.50	1.50	1365	2048
	3046	49.50	50.50	1.00	199	199
	3047	50.50	51.50	1.00	753	753
	3048	51.50	52.50	1.00	1886	1886

# Oka Project 1998 Au Assays

3049	52.50	53.50	1.00	629	629
3050	53.50	54.58	1.08	1946	2102
3051	54.58	55.50	0.92	1347	1239
3052	55.50	56.50	1.00	19	19
3053	56.50	57.50	1.00	117	117
3054	57.50	58.50	1.00	147	147
3055	58.50	59.50	1.00	86	86
3056	59.90	60.50	0.60	367	220
3057	59.90	61.00	1.10	2194	2413
3058	61.00	62.00	1.00	1310	1310
3059	62.00	63.00	1.00	209	209
3060	63.00	64.00	1.00	655	655
3061	64.00	65.00	1.00	2400	2400
3062	65.00	66.00	1.00	3326	3326
3063	66.00	67.00	1.00	891	891
3064	67.00	68.00	1.00	5794	5794
3065	68.00	69.00	1.00	984	984
3066	69.00	70.00	1.00	1661	1661
3067	70.00	71.00	1.00	547	547
3068	71.00	72.00	1.00	1646	1646
3069	72.00	73.00	1.00	950	950
3070	73.00	74.00	1.00	926	926
3071	74.00	75.00	1.00	117	117
3072	75.00	76.00	1.00	507	507
3073	76.00	77.00	1.00	957	957
3074	77.00	78.00	1.00	189	189
3075	78.00	79.00	1.00	307	307
3076	79.00	80.00	1.00	183	183
3077	80.00	81.00	1.00	435	435
3078	81.00	82.00	1.00	1097	1097
3079	82.00	83.00	1.00	273	273
3080	83.00	84.00	1.00	842	842
3081	84.00	85.00	1.00	651	651
3082	85.00	86.00	1.00	365	365
3083	86.00	87.00	1.00	1371	1371
3084	87.00	88.00	1.00	218	218
3085	88.00	89.00	1.00	670	670
3086	89.00	90.00	1.00	86	86
3087	90.00	91.00	1.00	166	166
3088	91.00	92.00	1.00	711	711
3089	92.00	93.00	1.00	1749	1749
3090	93.00	94.00	1.00	182	182
3091	94.00	95.00	1.00	357	357
3092	95.00	96.00	1.00	514	514
3093	96.00	97.00	1.00	1426	1426
3094	97.00	98.00	1.00	63	63
3095	98.00	99.00	1.00	765	765
3096	99.00	100.00	1.00	278	278
3097	100.00	101.00	1.00	303	303

# Oka Project 1998 Au Assays

<b>Average</b>	<b>48.00</b>	<b>55.50</b>	<b>7.50</b>	<b>1181</b>
<b>Average</b>	<b>51.50</b>	<b>55.50</b>	<b>4.00</b>	<b>1464</b>
<b>Average</b>	<b>64.00</b>	<b>68.00</b>	<b>4.00</b>	<b>3103</b>
<b>Average</b>	<b>64.00</b>	<b>74.00</b>	<b>10.00</b>	<b>1913</b>
<b>Average</b>	<b>59.90</b>	<b>74.00</b>	<b>14.10</b>	<b>1697</b>
<b>Average</b>	<b>59.90</b>	<b>97.00</b>	<b>37.10</b>	<b>1000</b>
<b>Average</b>	<b>36.40</b>	<b>101.00</b>	<b>64.60</b>	<b>784</b>
<b>Average</b>	<b>48.00</b>	<b>101.00</b>	<b>53.00</b>	<b>905</b>

## SEDEX MINING CORP.

Page: 1 of 4

Northing: 1000  
Easting: 1207  
Elevation: 1000

## DRILL HOLE RECORD

Drill Hole: SO-98-12

Collar Azi.: 150  
Collar Dip: -45.0  
Hole Length: 140  
Date Started: May 23, 1998  
Completed: March 24, 1998

\*\*\* Dip Tests \*\*\*  
Depth Azi. Dip  
50 150 -42.0  
100 150 -42.5

Easting: NQ  
L 10+00 E  
Northing: L 12+07 N  
Claim: 1223271  
Property: Oka Project  
Drilled by: Norex Drilling Limited  
Logged by: T. Keast  
Purpose: Test surface gold showing

*Logged May 25/98*

*John Keast*

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
.00	2.50	CASING						
2.50	32.48	CHLORITE CARBONATE SCHIST						
		Strong shear zone. Strongly foliated chlorite carbonate talc schist. Strongly foliated 25-40 deg to C.A. Dark grey to green color, possible sheared ultramafic. 15-25% carbonate veins stringers and grecciated fragemtns parallel to foliation. Strong pervassive carbonate alteration Core is highly brecciated/fractured, numerous slip planes throughout with broken blocky sections. 1-3% fine 1mm dis magnetite, tr dis py. Tr galena H 3-4 MS 22-50.	3098	5.00	6.00	1.00	7	
		2.50 3.00 Broken blocky core, soft chloritic gouge.	3099	10.00	11.00	1.00	9	
		4.50 5.00 Broken blocky core, soft fault gouge.	3100	14.00	15.00	1.00	5	
		7.20 7.50 Broken core, tr qtz veins, fault gouge.	3101	15.00	16.00	1.00	2	
		8.30 9.50 Low angle shear 25 deg to C.A. 0.45m ground core.	3102	16.00	17.00	1.00	12	
		11.70 14.00 Low angle shear 25 deg to C.A. 0.75 m ground core.	3103	17.00	18.00	1.00	5	
		14.00 17.80 Light green colour, 25% carb veins.	3104	18.00	19.00	1.00	5	
		18.90 19.00 Low angle slip plane 15 deg to C.A.	3105	19.00	20.00	1.00	2	
		19.75 21.20 65% carb veins 25 deg to C.A. Strong shear, tr py.	3106	20.00	21.00	1.00	0	
		28.20 28.50 Strong shear slip planes 30 deg to C.A.	3107	21.00	22.00	1.00	3	
		Talc content increases downhole.	3108	29.00	30.00	1.00	0	
			3109	30.00	31.00	1.00	36	
			3110	31.00	32.48	1.48	48	
32.48	55.27	ALTERED MAFIC VOLCANIC FLOW						
		Strong pervassive red-brown colour-k-feldspar alteration. Original rock dark green chloritic.	3111	32.48	33.50	1.02	33	
		Strong pervassive carbonate alteration. 1-3% carb veinlets irregular and patchy. Sharp upper contact 35 deg to C.A. Moderatly foliated 40 deg to C.A. Possible massive and pillowed mafic volcanic flows.	3112	33.50	34.50	1.00	2	
		Overall 3-5% dis py. Locally 10-15% py, tr cpy tr hem Local narrow 5cm wide patches of strong k-feldspar alteration possible syenite dyke 7-10% fine py. H 4-5 MS 3-45.	3113	34.50	35.50	1.00	213	
		32.48 39.27 Generally massive fine grained crystalline texture, possible altered intrsuion.	3114	35.50	36.50	1.00	72	
			3115	36.50	37.50	1.00	67	
			3116	37.50	38.50	1.00	159	
			3117	38.50	39.50	1.00	65	
			3118	39.50	40.50	1.00	46	
		41.07 41.13 Syenite dyke 10-15% py.	3119	40.50	41.50	1.00	24	
		41.70 Low angle slip plane 30 deg to C.A.	3120	41.50	42.50	1.00	58	
			3121	42.50	43.50	1.00	274	
			3122	43.50	44.50	1.00	38	
			3123	44.50	45.50	1.00	230	
		42.30 43.16 50% wispy syenite dykes, 10-15% fine py.	3124	45.50	46.50	1.00	120	
			3125	46.50	47.50	1.00	163	
		45.00 47.00 Chloritic section, low angle slip plane 5 deg to C.A MS 0.5.	3126	47.50	48.50	1.00	60	
			3127	48.50	49.50	1.00	19	
		49.24 50.22 75% irregular indistinct syenite dykes, wispy with 3-5% py tr cpy. 3-5% grey qtz veins.	3128	49.50	50.50	1.00	327	
			3129	50.50	51.50	1.00	165	
		51.00 51.20 Syenite dyke, irregular indistinct contact 3-5% py.	3130	51.50	52.50	1.00	89	
			3131	52.50	53.50	1.00	135	
		52.30 53.00 75% syenite dykes 10-15% py tr cpy wispy chlor stringers.	3132	53.50	54.50	1.00	103	
			3133	54.50	55.27	.77	698	
55.27	57.00	SYENITE						

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngt (m)	AU PPB	AU G/T
		Orange-red medium grained with gradational contacts. Moderately foliated 35 deg to C.A. Strong k-spar alteration. Moderate pervassive carb alteration. 25% grey qtz veins 50 deg to C.A. Syenite fragments in vein. 5-7% py locally 10-15%, tr cpy. H>5 MS 0.50.	3134	55.27	56.00	.73	794	
		55.27 55.80 75% qtz vein 3-5% py, tr cpy.	3135	56.00	57.00	1.00	348	
57.00	85.24	ALTERED MAFIC VOLCANIC FLOW						
		Strong pervassive red-brown colour-k-feldspar alteration. Original rock dark green chloritic. Strong pervassive carbonate alteration. 1-3% carb veinlets irregular and patchy. Gradational upper contact. Moderately foliated 40 deg to C.A. Possible massive and pillowed mafic volcanic flows. Overall 3-5% dis py. Locally 10-15% py, tr cpy, tr hem Local narrow 5cm wide patches of strong k-feldspar alteration possible syenite dykes, 7-10% fine py. Narrow syenite dyke sections appear to have highest sulphide content. H4-5 MS 3-45.	3136	57.00	58.00	1.00	79	
		57.90 58.00 Syenite dyke 10-15% py.	3137	58.00	59.00	1.00	240	
		58.50 58.80 75% syenite dykes 7-10% py.	3138	59.00	60.00	1.00	72	
		59.87 60.00 Syenite dyke 3-5% py.	3139	60.00	61.00	1.00	216	
		59.90 60.10 Syenite dyke 10-15% py.	3140	61.00	62.00	1.00	468	
		From 62m k-feldspar alteration increases, pyrite content increases 7-10%.	3141	62.00	63.00	1.00	105	
		65.35 65.50 Syenite dyke 10-15% py.	3142	63.00	64.00	1.00	70	
		67.30 67.55 25% grey qtz veins 15 deg to C.A. 3-5% py.	3143	64.00	65.00	1.00	87	
		68.30 68.55 50% syenite dyke 10-15% py.	3144	65.00	66.00	1.00	290	
		68.60 69.00 35% qtz veins.	3145	66.00	67.00	1.00	149	
		69.75 70.00 Syenite dyke 10-15% py.	3146	67.00	68.00	1.00	158	
		70.50 71.00 25% grey qtz veins 10 deg to C.A.	3147	68.00	69.00	1.00	171	
		73.70 73.90 Syenite dyke 15% py.	3148	69.00	70.00	1.00	202	
		74.50 74.90 Syenite dyke, 25% grey qtz veins.	3149	70.00	71.00	1.00	127	
		78.20 78.80 15% syenite dykes, 3-5% py.	3150	71.00	72.00	1.00	267	
		At 79m k-spar alteration decreases.	3151	72.00	73.00	1.00	600	
		83.60 84.80 75% syenite dykes 20% qtz veins 35 deg to C.A 7-10% PY.	3152	73.00	74.00	1.00	502	
		84.80 85.24 No carb alteration, no k-spar tr py, chloritic. 1-3% grey qtz veins.	3153	74.00	75.00	1.00	586	
85.24	89.10	CHLORITE CARBONATE SCHIST	3154	75.00	76.00	1.00	273	
		Strong shear zone. Strongly foliated 40 deg to C.A. Chlorite carbonate talc schist. Dark grey to green color, possible sheared ultramafic. 15-25% carbonate veins stringers and brecciated fragments parallel to foliation. Sharp upper contact 45 deg to C.A Strong pervassive carbonate alteration. Core is highly brecciated/fractured, numerous slip planes throughout with broken blocky sections tr Py, tr Hem H 2-3 MS 15.	3155	76.00	77.00	1.00	103	
			3156	77.00	78.00	1.00	327	
			3157	78.00	79.00	1.00	435	
			3158	79.00	80.00	1.00	106	
			3159	80.00	81.00	1.00	369	
			3160	81.00	82.00	1.00	82	
			3161	82.00	83.00	1.00	298	
			3162	83.00	84.00	1.00	555	
			3163	84.00	85.24	1.24	725	
85.24	89.10	CHLORITE CARBONATE SCHIST						
		Strong shear zone. Strongly foliated 40 deg to C.A. Chlorite carbonate talc schist. Dark grey to green color, possible sheared ultramafic. 15-25% carbonate veins stringers and brecciated fragments parallel to foliation. Sharp upper contact 45 deg to C.A Strong pervassive carbonate alteration. Core is highly brecciated/fractured, numerous slip planes throughout with broken blocky sections tr Py, tr Hem H 2-3 MS 15.	3164	85.24	86.00	.76	50	
			3165	86.00	87.00	1.00	10	
			3166	87.00	88.00	1.00	9	
			3167	88.00	89.10	1.10	2	
89.10	92.26	TECTONIC BRECCIA						
		Green-brown fine grained matrix with 25% lithon shaped fragments of qtz carb fragments up to 3cm long, highly fractured. Sharp upper contact 30 deg to C.A. Strong foliation 35 deg to C.A. Chloritic matrix with 3-5% dis py. 1-3% brecciated grey qtz veins. H 3-4, MS 0.25.	3168	89.10	90.00	.90	171	
			3169	90.00	91.00	1.00	216	
			3170	91.00	92.26	1.26	291	
92.26	94.14	LAMPROPHYRE DYKE						
			3171	92.26	93.00	.74	65	

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
		Dark brown, fine to medium grained lamprophyre dyke. Sharp upper contact 30 deg to C.A. Weakly foliated 40 deg to C.A. 1% qtz filled fractures. 1-3% fine biotite/amphibole. Massive texture. 7-10% fine and medium grained dis pyrite. H 4, MS 0.10.	3172	93.00	94.14	1.14	127	
94.14	97.20	QUARTZ VEIN						
		Light red-white brecciated syenite intruded by white-grey qtz veins. Sharp upper contact 30 deg to C.A. Porphyritic syenite along upper contact for 50cm. Phenocrysts up to 5mm. Feldspar phenocrysts fractured. Highly mineralized with 7-10% fine py in disseminations. Tr hem. H>5 MS 0.01.	3173 3174 3175 3176	94.14 95.00 96.00 96.75	95.00 96.00 96.75 97.20	.86 1.00 .75 .45	79 53 41 60	
97.20	98.75	TECTONIC BRECCIA						
		Green-brown fine grained matrix with 25% lithon shaped fragmetns qtz carb fragments up to 3cm fractured. Sharp upper contact 50 deg to C.A. Strong foliation 45 deg to C.A. Chloritic matrix with 5-7% dis py. 1-3% brecciated grey qtz veins. H 3-4, MS 0.25.	3177 3178	97.20 98.00	98.00 98.75	.80 .75	94 93	
98.75	103.00	LAMPROPHYRE DYKE						
		Dark brown, fine to medium grained lamprophyre dyke. Sharp upper contact 35 deg to C.A. Weakly foliated 40 deg to C.A. 1% qtz filled fractures. 1-3% fine biotite/amphibole. Massive texture. 10-15% fine grained dis pyrite. H 4, MS 0.20.	3179 3180 3181 3182	98.75 99.50 100.50 101.50	99.50 100.50 101.50 103.00	.75 1.00 1.00 1.50	81 24 36 696	
		101.57 102.40 Tectonic breccia zone 30 deg to C.A. 3-5% py. 25% fractured qtz.						
103.00	111.50	COARSE FELDSPAR PORPHYRY						
		Grey to light brown along upper contact down to 107m, Red-brown down to 111.50. Fine grained siliceous matrix, weakly foliated and brecciated. Sharp upper contact 40 deg to C.A. 3-5% coarse subrounded feldspar phenocrysts up to 1 cm wide. Highly brecciated, with 1-3% grey and white qtz veins, parallel and crosscutting foliation. 1-3% 1-3mm carb filled fractures 45 deg to C.A. No pervasive carbonate alteration. Overall 3-5% fine disseminated py, tr hem throughout. H>5, MS low 0.11.	3183 3184 3185 3186 3187 3188 3189 3190 3191	103.00 104.00 105.00 106.00 107.00 108.00 109.00 110.00 111.00	104.00 105.00 106.00 107.00 108.00 109.00 110.00 111.00 111.50	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 .50	115 156 187 411 168 216 190 405 70	
111.50	118.80	LAMPROPHYRE DYKE						
		Dark brown, fine to medium grained lamprophyre dyke. Sharp upper contact 45 deg to C.A. Weakly foliated 40 deg to C.A. 1% qtz filled fractures. 1-3% fine biotite/amphibole. Massive texture. 3-5% fine grained dis pyrite. H 4, MS 0.33.	3192 3193	111.50 112.50	112.50 113.50	1.00 1.00	195 48	
		113.00 113.65 Red k-feldspar alteration.						
		115.80 116.60 Chlorite carbonate talc schist 40 deg to C.A.						
118.80	120.00	CHLORITE CARBONATE SCHIST						
		Strong shear zone. Strongly foliated chlorite carbonate talc schist. Strongly foliated 40 deg to C.A. Dark grey to green color, possible sheared ultramafic. 10% carbonate veins stringers and grecciated fragemtns parllael to foliation. Strong pervasive carbonate alteration. 1-3% fine lmm dis magnetite, tr dis py. Tr galena. H 3-4 MS 0.32.	9043	118.80	120.00	1.20		
120.00	125.14	MAFIC LAPILLI TUFF						
		Mafic lapilli tuff. Dark brown-green, fine grained matrix with 5-7% lappilli sized fragments up to 5mm subrounded. Sharp upper contact 60 deg to C.A. Unsorted tuff with choritic matrix. 1-3% dis py. Strong pervasive carb alteration. H 4 MS 0.20.	9044 9045 9046 9047 9048	120.00 121.00 122.00 123.00 124.00	121.00 122.00 123.00 124.00 125.14	1.00 1.00 1.00 1.00 1.14		
		124.80 125.10 Strong shear 45 deg to C.A.						
125.14	127.70	LAMPROPHYRE DYKE						

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngt (m)	AU PPB	AU G/T
		Dark brown, fine to medium grained lamprophyre dyke. Sharp upper contact 45 deg to C.A. Weakly foliated 40 deg to C.A. 1% qtz filled fractures. 1-3% fine biotite/amphibole. Massive texture. 3-5% fine grained dis pyrite. H 4, MS 0.33.	9049 9050 9051	125.14 126.00 127.00	126.00 127.00 127.70	.86 1.00 .70		
127.70	131.50	ALTERED MAFIC VOLCANIC FLOW  Red-brown altered mafic flow or intrusion. Red-brown medium grained, pervassive k-spar alteration pervassive carbonate. Sharp upper contact 15 deg to C.A. Weakly foliated 55 deg to C.A. 3-5% dis py, 1-3% carb veins and fractures. H 4 MS 0.50.	3194 3195 3196 3197	127.70 129.00 130.00 131.00	129.00 130.00 131.00 131.50	1.30 1.00 1.00 .50	14 67 101 27	
131.50	140.00	MAFIC VOLCANIC FLOWS  Light-dark green fine grained mafic volcanic flows and flow breccia. Brecciated upper contact 65 deg to C.A. Strong pervassive carb alteration. 3-5% epidote in breccia matrix. 3-5% py in breccaia matrix. Rare pillow selvedges. H 4-5 MS 40.  E.O.H.  Casing left in hole.  Core Store at Obradovich Exploration Office, Kirkland Lake, Ont.	9052 9053 9054 9055 3198 9056 9057 3199 9058	131.50 132.50 133.50 134.50 135.00 136.00 137.00 138.00 139.00	132.50 133.50 134.50 135.00 136.00 137.00 138.00 139.00 140.00	1.00 1.00 1.00 .50 1.00 1.00 1.00 1.00 1.00	593   158	

# Oka Project 1998 Au Assays

SO-98-12 Sample #	From	To	Width m	Au PPB	Width x Au PPB
3098	5.00	6.00	1.00	7	7
3099	10.00	11.00	1.00	9	9
3100	14.00	15.00	1.00	5	5
3101	15.00	16.00	1.00	2	2
3102	16.00	17.00	1.00	12	12
3103	17.00	18.00	1.00	5	5
3104	18.00	19.00	1.00	5	5
3105	19.00	20.00	1.00	2	2
3106	20.00	21.00	1.00	0	0
3107	21.00	22.00	1.00	3	3
3108	29.00	30.00	1.00	0	0
3109	30.00	31.00	1.00	36	36
3110	31.00	32.48	1.48	48	71
3111	32.48	33.50	1.02	33	34
3112	33.50	34.50	1.00	2	2
3113	34.50	35.50	1.00	213	213
3114	35.50	36.50	1.00	72	72
3115	36.50	37.50	1.00	67	67
3116	37.50	38.50	1.00	159	159
3117	38.50	39.50	1.00	65	65
3118	39.50	40.50	1.00	46	46
3119	40.50	41.50	1.00	24	24
3120	41.50	42.50	1.00	58	58
3121	42.50	43.50	1.00	274	274
3122	43.50	44.50	1.00	38	38
3123	44.50	45.50	1.00	230	230
3124	45.50	46.50	1.00	120	120
3125	46.50	47.50	1.00	163	163
3126	47.50	48.50	1.00	60	60
3127	48.50	49.50	1.00	19	19
3128	49.50	50.50	1.00	327	327
3129	50.50	51.50	1.00	165	165
3130	51.50	52.50	1.00	89	89
3131	52.50	53.50	1.00	135	135
3132	53.50	54.50	1.00	103	103
3133	54.50	55.27	0.77	698	537
3134	55.27	56.00	0.73	794	580
3135	56.00	57.00	1.00	348	348
3136	57.00	58.00	1.00	79	79
3137	58.00	59.00	1.00	240	240
3138	59.00	60.00	1.00	72	72
3139	60.00	61.00	1.00	216	216
3140	61.00	62.00	1.00	468	468
3141	62.00	63.00	1.00	105	105
3142	63.00	64.00	1.00	70	70
3143	64.00	65.00	1.00	87	87
3144	65.00	66.00	1.00	290	290
3145	66.00	67.00	1.00	149	149
3146	67.00	68.00	1.00	158	158



## Oka Project 1998 Au Assays

3147	68.00	69.00	1.00	171	171
3148	69.00	70.00	1.00	202	202
3149	70.00	71.00	1.00	127	127
3150	71.00	72.00	1.00	267	267
3151	72.00	73.00	1.00	600	600
3152	73.00	74.00	1.00	502	502
3153	74.00	75.00	1.00	586	586
3154	75.00	76.00	1.00	273	273
3155	76.00	77.00	1.00	103	103
3156	77.00	78.00	1.00	327	327
3157	78.00	79.00	1.00	435	435
3158	79.00	80.00	1.00	106	106
3159	80.00	81.00	1.00	369	369
3160	81.00	82.00	1.00	82	82
3161	82.00	83.00	1.00	298	298
3162	83.00	84.00	1.00	555	555
3163	84.00	85.24	1.24	725	899
3164	85.24	86.00	0.76	50	38
3165	86.00	87.00	1.00	10	10
3166	87.00	88.00	1.00	9	9
3167	88.00	89.10	1.10	2	2
3168	89.10	90.00	0.90	171	154
3169	90.00	91.00	1.00	216	216
3170	91.00	92.26	1.26	291	367
3171	92.26	93.00	0.74	65	48
3172	93.00	94.14	1.14	127	145
3173	94.14	95.00	0.86	79	68
3174	95.00	96.00	1.00	53	53
3175	96.00	96.75	0.75	41	31
3176	96.75	97.20	0.45	60	27
3177	97.20	98.00	0.80	94	75
3178	98.00	98.75	0.75	93	70
3179	98.75	99.50	0.75	81	61
3180	99.50	100.50	1.00	24	24
3181	100.50	101.50	1.00	36	36
3182	101.50	103.00	1.50	696	1044
3183	103.00	104.00	1.00	115	115
3184	104.00	105.00	1.00	156	156
3185	105.00	106.00	1.00	187	187
3186	106.00	107.00	1.00	411	411
3187	107.00	108.00	1.00	168	168
3188	108.00	109.00	1.00	216	216
3189	109.00	110.00	1.00	190	190
3190	110.00	111.00	1.00	405	405
3191	111.00	111.50	0.50	70	35
3192	111.50	112.50	1.00	195	195
3193	112.50	113.50	1.00	48	48
9043	118.80	120.00	1.20	10	12
9044	120.00	121.00	1.00	12	12
9045	121.00	122.00	1.00	0	0

## Oka Project 1998 Au Assays

9046	122.00	123.00	1.00	10	10
9047	123.00	124.00	1.00	3	3
9048	124.00	125.14	1.14	19	22
9049	125.14	126.00	0.86	29	25
9050	126.00	127.00	1.00	79	79
9051	127.00	127.70	0.70	81	57
3194	127.70	129.00	1.30	14	18
3195	129.00	130.00	1.00	67	67
3196	130.00	131.00	1.00	101	101
3197	131.00	131.50	0.50	27	14
9052	131.50	132.50	1.00	307	307
9053	132.50	133.50	1.00	197	197
9054	133.50	134.50	1.00	259	259
9055	134.50	135.00	0.50	600	300
3198	135.00	136.00	1.00	593	593
9056	136.00	137.00	1.00	375	375
9057	137.00	138.00	1.00	291	291
3199	138.00	139.00	1.00	158	158
9058	139.00	140.00	1.00	86	86

<b>Average</b>	<b>34.50</b>	<b>113.50</b>	<b>79.00</b>	<b>207</b>	
<b>Average</b>	<b>49.50</b>	<b>85.24</b>	<b>35.74</b>	<b>283</b>	
<b>Average</b>	<b>101.50</b>	<b>111.00</b>	<b>9.50</b>	<b>304</b>	
<b>Average</b>	<b>131.50</b>	<b>138.00</b>	<b>6.50</b>	<b>382</b>	
<b>Average</b>	<b>42.50</b>	<b>138.00</b>	<b>95.50</b>	<b>192</b>	
<b>Average</b>	<b>49.50</b>	<b>85.24</b>	<b>35.74</b>	<b>284</b>	

## SEDEX MINING CORP.

Page: 1 of 3

Northing: 900  
 Easting: 1125  
 Elevation: 1000

## DRILL HOLE RECORD

Drill Hole: SO-98-13

Collar Azi.: 330  
 Collar Dip: -45.0  
 Hole Length: 98  
 Date Started: May 25, 1998  
 Completed: March 26, 1998

\*\*\* Dip Tests \*\*\*  
 Depth Azi. Dip  
 50 330 -42.5

Easting: *NR* L 9+00 E  
 Northing: L 11+25 N  
 Claim: 1223271  
 Property: Oka Project  
 Drilled by: Norex Drilling Limited  
 Logged by: T. Keast  
 Purpose: Test surface gold showing

*Logged May 27/98*

*Joddel Kant*

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
.00	5.75	CASING						
5.75	11.30	ALTERED MAFIC VOLCANIC FLOW						
		Light green-grey altered mafic volcanic flow. Fine grained, weakly foliated 40 deg to C.A. Brecciated texture with 10-15% grey carb veins, brecciated, 50 deg to C.A. And 5 deg to C.A. Strong pervasive carbonate alteration. 7-10% disseminated pyrite. Pyrite 1-2mm fine grained. 5-7% fine epidote alteration. Tr fine 1mm Hem. H 3-4, MS 10.	3200	6.25	7.00	.75	933	
			3201	7.00	8.00	1.00	422	
			3202	8.00	9.00	1.00	228	
			3203	9.00	10.00	1.00	1641	1.64
			3204	10.00	11.30	1.30	902	
11.30	49.40	MAFIC VOLCANIC FLOWS						
		Altered mafic volcanic flows.	3205	11.30	12.00	.70	669	
		Light green to dark green, fine grained. Sharp upper contact 45 deg to C.A. Weak to moderate foliation 45 deg to C.A. 5-10% broken brecciated carbonate veins and stringers. Flow brecciated mottled texture 3-5% epidote in matrix. Weak pervasive carbonate alteration. 1% grey veins and vein frags 5-10% py, 3-5% Mt, in disseminations and stringers in flow matrix. H 4 MS 0.5 300.0.	3206	12.00	13.00	1.00	573	
			3207	13.00	14.00	1.00	125	
			3208	14.00	15.00	1.00	250	
			3209	15.00	16.00	1.00	477	
			3210	16.00	17.00	1.00	190	
			3211	17.00	18.00	1.00	381	
			3212	18.00	19.00	1.00	219	
			3213	19.00	20.00	1.00	5863	5.86
			3214	20.00	21.00	1.00	410	
			3215	21.00	22.00	1.00	221	
			3216	22.00	23.00	1.00	293	
		14.90 15.22 15-20% py in stringers 5-7% mt.	9059	23.00	24.00	1.00		
			9060	24.00	25.00	1.00		
		17.30 18.00 Strong carb alteration, 1-3% syenite dykes 5 cm wide 1-3% carb veins, 5-7% py.	9061	25.00	26.00	1.00		
			3217	26.00	27.00	1.00	158	
			9062	27.00	28.00	1.00		
			9063	28.00	29.00	1.00		
			9064	29.00	30.00	1.00		
			9065	30.00	31.00	1.00		
			9066	31.00	32.00	1.00		
			3218	32.00	33.00	1.00	262	
			9067	33.00	34.00	1.00		
			9068	34.00	35.50	1.50		
			3219	35.50	36.50	1.00	814	
			9069	36.50	38.00	1.50		
			3220	38.00	39.00	1.00	183	
			3221	39.00	40.00	1.00	638	
			3222	40.00	41.00	1.00	3669	3.67
			3223	41.00	42.00	1.00	1010	1.01
			3224	42.00	43.00	1.00	483	
			3225	43.00	44.00	1.00	1704	1.70
			9070	44.00	46.00	2.00		
			3226	46.00	47.00	1.00	547	
			3227	47.00	48.00	1.00	446	
			9071	48.00	49.40	1.40		
49.40	51.50	LAMPROPHYRE DYKE						
		Dark brown, fine to medium grained lamprophyre dyke. Sharp upper contact 55 deg to C.A. 1-3% fine biotite/amphibole. Massive weakly crystalline texture. Tr py in disseminations. 1-3% feldspar phenocrysts H 4, MS 0.20.	9072	49.40	50.50	1.10		
			9073	50.50	51.50	1.00		
51.50	65.35	MAFIC VOLCANIC FLOWS						
		Weakly altered mafic volcanic flows. Light green to dark green, fine grained. Sharp upper contact 45	3228	51.50	52.50	1.00	1277	1.28
			3229	52.50	53.50	1.00	1536	1.54

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
		deg to C.A. Weak to moderate foliation 45 deg to C.A. 5-10% broken brecciated carbonate veins and stringers. Flow brecciated mottled texture Strong pervassive carbonate alteration. 1% grey veins and vein frags 5-10% py, 3-5% Mt, in disseminations and stringers in flow matrix. H 4 MS 50.	3230	53.50	54.50	1.00	111	
			3231	54.50	55.50	1.00	103	
			3232	55.50	56.50	1.00	175	
			3233	56.50	57.50	1.00	831	
		51.50 52.30 Weak k-spar alteration brown in colour.	3234	57.50	58.50	1.00	504	
			3235	58.50	59.50	1.00	219	
		52.30 52.80 7-10% py in stringers and carb veins.	3236	59.50	60.50	1.00	684	
			3237	60.50	61.50	1.00	11383	11.38
		57.24 60.35 Fine feldspar phyrlic massive section, gradational contacts 1-3% py.	3238	61.50	62.50	1.00	1680	1.68
			3239	62.50	63.50	1.00	7680	7.68
		At 60.50 carbonate content weak, slight increas in grey grey qtz carb veins and pervassive carb.	3240	63.50	64.50	1.00	1303	1.30
			3241	64.50	65.35	.85	2503	2.50
		64.52 64.65 50% grey qtz veins 3-5% py.						
		64.80 65.35 Strong shearing, chlorite carbonate schist 50 deg to C.A.						
65.35	69.90	LAMPROPHYRE DYKE						
		Dark brown, fine to medium grained lamprophyre dyke. Sharp upper contact 55 deg to C.A. 1-3% fine biotite/amphibole. Massive weakly crystalline texture. Tr py in disseminations. 1-3% feldspar phenocrysts. H 4, MS 0.20.	3242	65.35	66.00	.65	177	
		66.80 67.60 Chlorite carbonate shear, 50 deg to C.A.						
69.90	72.70	CHLORITE CARBONATE SCHIST						
		Strongly sheared afic volcanics, chlorite carbonate schist. White-grey carbonate material brecciated in lithon shaped fragments in chloritic matrix. Strongly foliated 50 deg to C.A. Sharp upper contact 50 deg to C.A. 1-3% fine disseminated py. H 3-4. MS 0.20.	3243	69.90	71.00	1.10	51	
			3244	71.00	72.00	1.00	225	
			3245	72.00	72.70	.70	72	
72.70	76.50	COARSE FELDSPAR PORPHYRY						
		Grey fine grained, strongly foliated and brecciated. Sharp upper contact 60 deg to C.A. 1-3% coarse subrounded feldspar phenocrysts up to 1 cm wide. Weakly brecciated, with tr grey and white qtz veins, parallel and crosscutting foliation. Tr grey-white irregular qtz veins up to 1 cm wide, 40 deg to C.A. 5-10% 1-3mm carb filled fractures 30 deg to C.A. Overall 5-7% fine disseminated py throughout matrix 3-5% in qtz veins. H>5, MS low 0.05.	3246	72.70	74.00	1.30	130	
			3247	74.00	75.00	1.00	132	
			3248	75.00	76.00	1.00	134	
			3249	76.00	76.50	.50	142	
76.50	79.10	CHLORITE CARBONATE SCHIST						
		Strongly sheared mafic volcanics, chlorite carbonate schist White-grey carbonate material brecciated and banded in chloritic matrix. Strongly foliated 50 deg to C.A. Sharp upper contact 50 deg to C.A. 1-3% fine disseminated py. H 3-4. MS 0.20.	3250	76.50	77.50	1.00	53	
			3251	77.50	78.50	1.00	33	
			3252	78.50	79.10	.60	190	
		77.27 78.30 Sheared mafic volcanic flows.						
		78.30 78.50 Syenite dyke.						
79.10	83.17	SYENITE PORPHYRY						
		Red-brown fine grained, strongly foliated and brecciated. Sharp upper contact 60 deg to C.A. 1-3% coarse subrounded feldspar phenocrysts. Highly brecciated, with 5-7% grey and white qtz veins, parallel and cross-cutting foliation. 5-7% white irregular qtz veins up to 60 cm wide, 75 deg to C.A. 7-10% 1-3mm carb filled fractures 50 deg to C.A. Overall 7-10% fine disseminated py, 1-3% cpy. Weak carb alteration. Blue-green chlorite in fractures. H>5, MS low 0.05.	3253	79.10	80.00	.90	291	
			3254	80.00	81.00	1.00	50	
			3255	81.00	82.00	1.00	6	
			3256	82.00	83.17	1.17	34	
		79.10 79.80 85% white qtz veins 70 deg to C.A. 1-3% py 3-5% cpy, 7-10% py in large massive splashes from 79.60 79.80.						
83.17	87.35	CHLORITE CARBONATE SCHIST						
			3257	83.17	84.00	.83	142	

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
		Strongly sheared mafic volcanics, chlorite carbonate schist White-grey carbonate material brecciated and banded in chloritic matrix. Strongly foliated 50 deg to C.A. Sharp upper contact 40 deg to C.A. 1-3% fine disseminated py. H 3-4. MS 0.20.	3258 3259 3260	84.00 85.00 86.00	85.00 86.00 87.35	1.00 1.00 1.35	905 732 633	
		87.00 87.35 Syenite dyke.						
87.35	98.00	DIABASE DYKE Dark green medium grained. Sharp upper contact 50 deg to C.A. Massive crystalline texture. H 4-5, highly magnetic MS 55.0. E.O.H. Casing left in hole. Core Store at Obradovich Exploration Office, Kirkland Lake, Ont.						

# Oka Project 1998 Au Assays

SO-98-13	Sample #	From	To	Width m	Au PPB	Width x Au PPB
	3200	6.25	7.00	0.75	933	700
	3201	7.00	8.00	1.00	422	422
	3202	8.00	9.00	1.00	228	228
	3203	9.00	10.00	1.00	1641	1641
	3204	10.00	11.30	1.30	902	1173
	3205	11.30	12.00	0.70	669	468
	3206	12.00	13.00	1.00	573	573
	3207	13.00	14.00	1.00	125	125
	3208	14.00	15.00	1.00	250	250
	3209	15.00	16.00	1.00	477	477
	3210	16.00	17.00	1.00	190	190
	3211	17.00	18.00	1.00	381	381
	3212	18.00	19.00	1.00	219	219
	3213	19.00	20.00	1.00	5863	5863
	3214	20.00	21.00	1.00	410	410
	3215	21.00	22.00	1.00	221	221
	3216	22.00	23.00	1.00	293	293
	9059	23.00	24.00	1.00	15	15
	9060	24.00	25.00	1.00	1337	1337
	9061	25.00	26.00	1.00	98	98
	3217	26.00	27.00	1.00	158	158
	9062	27.00	28.00	1.00	1851	1851
	9063	28.00	29.00	1.00	249	249
	9064	29.00	30.00	1.00	369	369
	9065	30.00	31.00	1.00	617	617
	9066	31.00	32.00	1.00	130	130
	3218	32.00	33.00	1.00	262	262
	9067	33.00	34.00	1.00	218	218
	9068	34.00	35.50	1.50	142	213
	3219	35.50	36.50	1.00	814	814
	9069	36.50	38.00	1.50	322	0
	3220	38.00	39.00	1.00	183	183
	3221	39.00	40.00	1.00	638	638
	3222	40.00	41.00	1.00	3669	3669
	3223	41.00	42.00	1.00	1010	1010
	3224	42.00	43.00	1.00	483	483
	3225	43.00	44.00	1.00	1704	1704
	9070	44.00	46.00	2.00	1097	2194
	3226	46.00	47.00	1.00	547	547
	3227	47.00	48.00	1.00	446	446
	9071	48.00	49.40	1.40	681	953
	9072	49.40	50.50	1.10	9	10
	9073	50.50	51.50	1.00	10	10
	3228	51.50	52.50	1.00	1277	1277
	3229	52.50	53.50	1.00	1536	1536
	3230	53.50	54.50	1.00	111	111
	3231	54.50	55.50	1.00	103	103
	3232	55.50	56.50	1.00	175	175
	3233	56.50	57.50	1.00	831	831

## Oka Project 1998 Au Assays

3234	57.50	58.50	1.00	504	504
3235	58.50	59.50	1.00	219	219
3236	59.50	60.50	1.00	684	684
3237	60.50	61.50	1.00	11383	11383
3238	61.50	62.50	1.00	1680	1680
3239	62.50	63.50	1.00	7680	7680
3240	63.50	64.50	1.00	1303	1303
3241	64.50	65.35	0.85	2503	2128
3242	65.35	66.00	0.65	177	115
3243	69.90	71.00	1.10	51	56
3244	71.00	72.00	1.00	225	225
3245	72.00	72.70	0.70	72	50
3246	72.70	74.00	1.30	130	169
3247	74.00	75.00	1.00	132	132
3248	75.00	76.00	1.00	134	134
3249	76.00	76.50	0.50	142	71
3250	76.50	77.50	1.00	53	53
3251	77.50	78.50	1.00	33	33
3252	78.50	79.10	0.60	190	114
3253	79.10	80.00	0.90	291	262
3254	80.00	81.00	1.00	50	50
3255	81.00	82.00	1.00	6	6
3256	82.00	83.17	1.17	34	40
3257	83.17	84.00	0.83	142	118
3258	84.00	85.00	1.00	905	905
3259	85.00	86.00	1.00	732	732
3260	86.00	87.35	1.35	633	855
<b>Average</b>	<b>6.25</b>	<b>11.30</b>	<b>5.05</b>	<b>824</b>	
<b>Average</b>	<b>40.00</b>	<b>44.00</b>	<b>4.00</b>	<b>1717</b>	
<b>Average</b>	<b>60.50</b>	<b>63.50</b>	<b>3.00</b>	<b>6914</b>	
<b>Average</b>	<b>60.50</b>	<b>65.35</b>	<b>4.85</b>	<b>4984</b>	
<b>Average</b>	<b>6.30</b>	<b>65.35</b>	<b>59.05</b>	<b>1040</b>	
<b>Average</b>	<b>69.90</b>	<b>87.35</b>	<b>17.45</b>	<b>229</b>	





From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
		3-5% dis py. 1-3% brecciated grey qtz veins. H 3-4, MS 0.25.	3286	48.00	49.00	1.00	89	
		50.10 52.00 Lamprophyre Dyke.	3287	49.00	50.00	1.00	117	
			9094	50.00	51.00	1.00	429	
			9095	51.00	52.00	1.00	466	
			3288	52.00	53.00	1.00	166	
			3289	53.00	54.00	1.00	103	
			3290	54.00	54.80	.80	33	
54.80	65.30	ALTERED MAFIC VOLCANIC FLOW						
		Strong pervasive red-brown coloured k-feldspar alteration. Original rock dark green chloritic. Strong pervasive carbonate alteration. 1-3% carb veinlets irregular and patchy. Sharp upper contact 65 deg to C.A. Weak foliation 50 deg to C.A. Overall 3-5% dis py. Locally 10-15% py, tr cpy tr hem Local narrow 5cm wide patches of strong k-feldspar alteration possible syenite dyke 7-10% fine py. H4-5 MS 3-25.	3291	54.80	56.00	1.20	288	
			3292	56.00	57.00	1.00	45	
			3293	57.00	58.00	1.00	77	
			3294	58.00	59.00	1.00	326	
			3295	59.00	60.00	1.00	111	
			3296	60.00	61.00	1.00	163	
			3297	61.00	62.00	1.00	504	
		54.80 57.50 Green mafic volcanic flows 3-5% py.	3298	62.00	63.00	1.00	353	
		At 57.5 k-feldspar alteration starts, moderate carbonate alteration.	3299	63.00	64.00	1.00	363	
			3300	64.00	64.75	.75	485	
		63.00 63.10 Syenite dyke 10-15% py.	3301	64.75	65.30	.55	821	
65.30	70.60	SYENITE PORPHYRY						
		Dark red-brown, brecciated, sharp upper contact 60 deg to C.A. Dark red crystalline syenite dyke with 10-15% fine pyrite. 3-5% white qtz veins. Strong pervasive carbonate alteration. H 5 MS 50.	3302	65.30	66.00	.70	48	
			3303	66.00	67.00	1.00	46	
			3304	67.00	68.00	1.00	240	
			3305	68.00	69.00	1.00	387	
			3306	69.00	69.75	.75	141	
			3307	69.75	70.60	.85	87	
70.60	92.00	ALTERED MAFIC VOLCANIC FLOW						
		Strong pervasive red-brown colour-k-feldspar alteration. Original rock dark green chloritic. Highly fractured/brecciated. Strong pervasive carbonate alteration. 1-3% carb veinlets irregular and patchy. Sharp upper contact 65 deg to C.A. Weak foliation 50 deg to C.A. Overall 3-5% dis py. Locally 10-15% py, tr cpy tr hem. Local narrow 5cm wide patches of strong k-feldspar alteration possible syenite dyke 7-10% fine py. H4-5 MS 3-25.	3308	70.60	71.50	.90	255	
			3309	71.50	72.50	1.00	147	
			3310	72.50	73.50	1.00	473	
			3311	73.50	74.50	1.00	170	
			3312	74.50	75.50	1.00	326	
			3313	75.50	76.50	1.00	228	
			3314	76.50	77.50	1.00	2434	2.43
		70.60 72.80 5-7% white qtz veins 60 deg to C.A. 5-7% py.	3315	77.50	78.50	1.00	2126	2.13
			3316	78.50	79.50	1.00	122	
		75.30 77.00 25% orange-red syenite dykes, wispy 7-10% py.	3317	79.50	80.50	1.00	235	
			3318	80.50	81.50	1.00	38	
		77.90 78.00 Grey qtz vein 45 deg to C.A.	3319	81.50	82.50	1.00	93	
			3320	82.50	83.50	1.00	55	
		At 78.8 red k-feldspar alteration decreases, strong pervasive carb alteration. Narrow scattered 5 cm wide syenite dykes hazy indistinct contacts. 1-3% grey qtz veins. 3-5% py.	3321	83.50	84.50	1.00	87	
			3322	84.50	85.50	1.00	108	
			3323	85.50	86.50	1.00	214	
			3324	86.50	87.50	1.00	58	
		E.O.H.	3325	87.50	88.50	1.00	106	
		Casing left in hole.	3326	88.50	89.50	1.00	29	
			3327	89.50	90.25	.75	31	
		Core Stored at Obradovich Exploration Office, Kirkland Lake, Ont.	3328	90.25	92.00	1.75	86	

# Oka Project 1998 Au Assays

SO-98-14	Sample #	From	To	Width m	Au PPB	Width x Au PPB
	9074	3.30	4.00	0.70	686	480.2
	9075	4.00	5.00	1.00	274	274
	9076	5.00	6.00	1.00	333	333
	9077	6.00	7.00	1.00	274	274
	9078	7.00	8.00	1.00	267	267
	3261	8.00	9.00	1.00	125	125
	9079	9.00	10.00	1.00	281	281
	9080	10.00	11.00	1.00	86	86
	9081	11.00	12.00	1.00	79	79
	9082	12.00	13.00	1.00	94	94
	9083	13.00	14.00	1.00	1097	1097
	9084	14.00	15.00	1.00	338	338
	3262	15.00	16.00	1.00	2503	2503
	3263	16.00	17.00	1.00	113	113
	9085	17.00	18.00	1.00	77	77
	9086	18.00	19.00	1.00	115	115
	3264	19.00	20.00	1.00	225	225
	3265	20.00	21.00	1.00	314	314
	3266	21.00	22.00	1.00	4834	4834
	3267	22.00	23.00	1.00	274	274
	3268	23.00	24.00	1.00	2266	2266
	3269	24.00	25.50	1.50	514	771
	9087	25.50	26.50	1.00	1680	1680
	9088	26.50	27.50	1.00	67	67
	9089	27.50	28.50	1.00	75	75
	9090	28.50	29.50	1.00	3	3
	9091	29.50	30.50	1.00	82	82
	9092	30.50	31.50	1.00	250	250
	9093	31.50	32.60	1.10	201	221.1
	3270	32.60	33.50	0.90	545	490.5
	3271	33.50	34.50	1.00	63	63
	3272	34.50	35.50	1.00	283	283
	3273	35.50	36.50	1.00	290	290
	3274	36.50	37.50	1.00	255	255
	3275	37.50	38.50	1.00	535	535
	3276	38.50	39.50	1.00	43	43
	3277	39.50	40.50	1.00	189	189
	3278	40.50	41.50	1.00	58	58
	3279	41.50	42.50	1.00	1150	1150
	3280	42.50	43.50	1.00	75	75
	3281	43.50	44.50	1.00	170	170
	3282	44.50	45.10	0.60	207	124
	3283	45.10	46.00	0.90	55	49
	3284	46.00	47.00	1.00	26	26
	3285	47.00	48.00	1.00	151	151
	3286	48.00	49.00	1.00	89	89
	3287	49.00	50.00	1.00	117	117
	9094	50.00	51.00	1.00	0	0
	9095	51.00	52.00	1.00	0	0
	3288	52.00	53.00	1.00	166	166

## Oka Project 1998 Au Assays

3289	53.00	54.00	1.00	103	103
3290	54.00	54.80	0.80	33	26
3291	54.80	56.00	1.20	288	346
3292	56.00	57.00	1.00	45	45
3293	57.00	58.00	1.00	77	77
3294	58.00	59.00	1.00	326	326
3295	59.00	60.00	1.00	111	111
3296	60.00	61.00	1.00	163	163
3297	61.00	62.00	1.00	504	504
3298	62.00	63.00	1.00	353	353
3299	63.00	64.00	1.00	363	363
3300	64.00	64.75	0.75	485	364
3301	64.75	65.30	0.55	821	452
3302	65.30	66.00	0.70	48	34
3303	66.00	67.00	1.00	46	46
3304	67.00	68.00	1.00	240	240
3305	68.00	69.00	1.00	387	387
3306	69.00	69.75	0.75	141	106
3307	69.75	70.60	0.85	87	74
3308	70.60	71.50	0.90	255	230
3309	71.50	72.50	1.00	147	147
3310	72.50	73.50	1.00	473	473
3311	73.50	74.50	1.00	170	170
3312	74.50	75.50	1.00	326	326
3313	75.50	76.50	1.00	228	228
3314	76.50	77.50	1.00	2434	2434
3315	77.50	78.50	1.00	2126	2126
3316	78.50	79.50	1.00	122	122
3317	79.50	80.50	1.00	235	235
3318	80.50	81.50	1.00	38	38
3319	81.50	82.50	1.00	93	93
3320	82.50	83.50	1.00	55	55
3321	83.50	84.50	1.00	87	87
3322	84.50	85.50	1.00	108	108
3323	85.50	86.50	1.00	214	214
3324	86.50	87.50	1.00	58	58
3325	87.50	88.50	1.00	106	106
<b>Average</b>	<b>21.00</b>	<b>24.00</b>	<b>3.00</b>	<b>2458</b>	
<b>Average</b>	<b>21.00</b>	<b>26.50</b>	<b>5.50</b>	<b>1786</b>	
<b>Average</b>	<b>13.00</b>	<b>26.50</b>	<b>13.50</b>	<b>1082</b>	
<b>Average</b>	<b>76.50</b>	<b>78.50</b>	<b>2.00</b>	<b>2280</b>	
<b>Average</b>	<b>3.30</b>	<b>80.50</b>	<b>77.20</b>	<b>431</b>	

Northing: 900  
Easting: 1095  
Elevation: 1000

## DRILL HOLE RECORD

Drill Hole: SO-98-15

Collar Azi.: 330  
Collar Dip: -45.0  
Hole Length: 125  
Date Started: May 27, 1998  
Completed: May 28, 1998

\*\*\* Dip Tests \*\*\*  
Depth Azi. Dip

52 330 -44.0  
125 330 -43.0

Easting: L 9400 E  
Northing: L 10+95 N  
Claim: 1223271  
Property: Oka Project  
Drilled by: Norex Drilling Limited  
Logged by: T.Keast  
Purpose: Test surface gold showing

May 29/98

Jodelkewit

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
.00	5.75	CASING						
5.75	95.70	MAFIC VOLCANIC FLOWS						
		Light green carbonate altered mafic volcanic flows. Fine -medium grained, weakly foliated 45 deg to C.A. Brecciated texture with 10-15% grey carb veins, brecciated, 50 deg and 5 deg to C.A. Strong pervasive carbonate alteration. Massive flow sections with mottled/flow breccia sections. Weak pervasive calcite alteration, increasing downhole. Strong epidote 7-10% in wispy stringers up to 1 cm wide all angles to C.A. 45 deg to C.A. 5-7% disseminated pyrite, and rare 5mm py stringer in qtz calcite vein. Qtz calcite veins grey-white up to 3 cm wide 5 Pyrite 1-2mm fine grained. 5-7% fine epidote alteration. H 3-4, MS variable 3-45.	3329	6.00	7.00	1.00	1119	1.12
			3330	7.00	8.00	1.00	2023	2.02
			3331	8.00	9.00	1.00	3051	3.05
			3332	9.00	10.00	1.00	960	
			3333	10.00	11.00	1.00	382	
			3334	11.00	12.00	1.00	1243	1.24
			3335	12.00	13.00	1.00	482	
			3336	13.00	14.00	1.00	2863	2.86
			3337	14.00	15.00	1.00	243	
			3338	15.00	16.00	1.00	830	
			3339	16.00	17.00	1.00	399	
			3340	17.00	18.00	1.00	24789	24.79
			3341	18.00	19.00	1.00	134	
			3342	19.00	20.00	1.00	338	
			3343	20.00	21.00	1.00	125	
			3344	21.00	22.00	1.00	254	
			3345	22.00	23.00	1.00	336	
			3346	23.00	24.00	1.00	161	
			3347	24.00	25.00	1.00	69	
			3348	25.00	26.00	1.00	2	
			3349	26.00	27.00	1.00	201	
			3350	27.00	28.00	1.00	1371	1.37
			3351	28.00	29.00	1.00	470	
			3352	29.00	30.00	1.00	624	
			3353	30.00	31.00	1.00	399	
			3354	31.00	32.00	1.00	751	
			3355	32.00	33.00	1.00	840	
			3356	33.00	34.00	1.00	451	
			3357	34.00	35.00	1.00	1029	1.03
			3358	35.00	36.00	1.00	338	
			3359	36.00	37.00	1.00	276	
			3360	37.00	38.00	1.00	98	
			3361	38.00	39.00	1.00	403	
			3362	39.00	40.00	1.00	322	
			3363	40.00	41.00	1.00	331	
			3364	41.00	42.00	1.00	926	
			3365	42.00	43.00	1.00	137	
			3366	43.00	44.00	1.00	1303	1.30
			3367	44.00	45.00	1.00	504	
			3368	45.00	46.00	1.00	22	
			3369	46.00	47.00	1.00	120	
			3370	47.00	48.00	1.00	60	
			3371	48.00	49.00	1.00	103	
			3372	49.00	50.00	1.00	147	
			3373	50.00	51.00	1.00	118	
			3374	51.00	52.00	1.00	149	
			3375	52.00	53.00	1.00	255	
			3376	53.00	54.00	1.00	350	
			3377	54.00	55.00	1.00	137	
			3378	55.00	56.00	1.00	125	
			3379	56.00	57.00	1.00	84	
			3380	57.00	58.00	1.00	871	
			3381	58.00	59.00	1.00	343	
			3382	59.00	60.00	1.00	288	
			3383	60.00	61.00	1.00	336	
			3384	61.00	62.00	1.00	353	

2.19442

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
			3385	62.00	63.00	1.00	379	
			3386	63.00	64.00	1.00	106	
			3387	64.00	65.00	1.00	79	
			3388	65.00	66.00	1.00	336	
			3389	66.00	67.00	1.00	84	
			3390	67.00	68.00	1.00	118	
			3391	68.00	69.00	1.00	190	
			3392	69.00	70.00	1.00	857	
			3393	70.00	71.00	1.00	695	
			3394	71.00	72.00	1.00	5	
			3395	72.00	73.00	1.00	2	
			3396	73.00	74.00	1.00	293	
			3397	74.00	75.00	1.00	953	
			3398	75.00	76.00	1.00	2263	2.26
			3399	76.00	77.00	1.00	1577	1.58
			3400	77.00	78.00	1.00	432	
			3401	78.00	79.00	1.00	257	
			3402	79.00	80.00	1.00	288	
			3403	80.00	81.00	1.00	166	
			3404	81.00	82.00	1.00	163	
			3405	82.00	83.00	1.00	350	
			3406	83.00	84.00	1.00	3840	3.84
			3407	84.00	85.00	1.00	2880	2.88
			3408	85.00	86.00	1.00	5931	5.93
			3409	86.00	87.00	1.00	1138	1.14
			3410	87.00	88.00	1.00	482	
			3411	88.00	89.00	1.00	206	
			3412	89.00	90.00	1.00	535	
			3413	90.00	91.00	1.00	2949	2.95
			3414	91.00	92.00	1.00	586	
			3415	92.00	93.00	1.00	549	
			3416	93.00	94.00	1.00	279	
			3417	94.00	95.00	1.00	271	
			3418	95.00	95.70	.70	411	
95.70	97.90	LAMPROPHYRE DYKE						
		Dark brown, fine to medium grained lamprophyre dyke. Sharp upper contact 55 deg to C.A. 1-3% fine biotite/amphibole. Massive weakly crystalline texture. Tr py in disseminations. 1-3% feldspar phenocrysts H 4, MS 2.0.	3419	95.70	96.50	.80	358	
			3420	96.50	97.90	1.40	1611	1.61
97.90	101.60	CHLORITE CARBONATE SCHIST						
		Highly sheared mafic volcanics, chlorite carbonate schist White-grey calcite 60% brecciated in lithon shaped fragments in chloritic matrix. Strongly foliated 50 deg to C.A. Sharp upper contact 50 deg to C.A. Weak pink ferrodolomite stain. 1-3% fine disseminated py. H 3-4. MS 0.8.	3421	97.90	99.00	1.10	590	
			3422	99.00	100.00	1.00	96	
			3423	100.00	101.00	1.00	72	
			3424	101.00	101.60	.60	26	
101.60	106.25	COARSE FELDSPAR PORPHYRY						
		Grey fine grained, strongly foliated and brecciated. Sharp upper contact 15 deg to C.A. 1-3% coarse subrounded pink feldspar phenocrysts up to 1 cm wide. Weakly brecciated, with tr grey and white qtz veins, parallel and crosscutting foliation. 1-3% chlorite filled 1mm fractures. 5-10% 1-3mm carb filled fractures 30 deg to C.A. Overall 5-7% fine disseminated py. No calcite no carb stain. H>5, MS low 0.15.	3425	101.60	102.00	.40	41	
			3426	102.00	103.00	1.00	216	
			3427	103.00	104.00	1.00	309	
			3428	104.00	105.00	1.00	201	
			3429	105.00	105.75	.75	528	
			3430	105.75	106.25	.50	175	
		105.00 106.25 Broken blocky core.						
		105.88 106.25 Chlorite carb schist 45 deg to C.A.						
106.25	107.79	SYENITE PORPHYRY						
		Red-brown fine grained, strongly foliated and brecciated. Sharp upper contact 60 deg to C.A. 1-3% coarse subrounded feldspar phenocrysts. Highly brecciated, with 5-7% grey and white qtz veins, parallel and crosscutting foliation. 5-7% white irregular qtz veins up to 3 cm wide, 55 deg to C.A. Overall 7-10% fine disseminated py. Blue-green chlorite in fractures. H>5, MS low 0.05.	3431	106.25	107.00	.75	77	
			3432	107.00	107.79	.79	45	

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
107.79	114.70	CHLORITE CARBONATE SCHIST Strong shear zone, chlorite carbonate schist White-grey calcite banded and brecciated in lithon shaped fragments in chloritic matrix. Strongly foliated 50 deg to C.A. Sharp upper contact 50 deg to C.A. 1-3% fine disseminated py. H 3-4. MS 0.5. 112.00 113.25 Strong tectonic breccia.	3433 3434 3435 3436 3437 3438 3439	107.79 108.50 109.50 110.50 111.50 112.50 113.50	108.50 109.50 110.50 111.50 112.50 113.50 114.70	.71 1.00 1.00 1.00 1.00 1.00 1.20	0 38 122 267 166 58 125	
114.70	120.70	ALTERED MAFIC VOLCANIC FLOW Red-brown fine grained highly brecciated and altered mafic flows or syenite intrusion. Sharp upper contact 60 deg to C.A.. Pervassive k-feldspar alteration. 1-3% narrow 6mm wide qtz carb veins irregular with 3-5% py. 20-25% epidote veins and stringers as in above mafic flows. 7-10% fine disseminated py, scattered py stringer 3mm wide. Highly brecciated, fractured. No calcite, no carb staining. H >5 MS 5.	3440 3441 3442 3443 3444 3445	114.70 115.50 116.50 117.50 118.50 119.50	115.50 116.50 117.50 118.50 119.50 120.70	.80 1.00 1.00 1.00 1.00 1.20	180 183 81 257 230 377	
120.70	125.00	DIABASE DYKE Dark brown, red-brown colour fine medium grained. Sharp upper contact 65 deg to C.A. Massive crystalline texture. Rare epidote filled fracture. Feldpsar phenocrysts red alteration. H 4-5 MS 35.0. E.O.H. Casing left in hole. Core Store at Obradovich Exploration Office, Kirkland Lake, Ont.						

# Oka Project 1998 Au Assays

SO-98-15	Sample #	From	To	Width m	Au PPB	Width x Au PPB
	3329	6.00	7.00	1.00	1119	1119
	3330	7.00	8.00	1.00	2023	2023
	3331	8.00	9.00	1.00	3051	3051
	3332	9.00	10.00	1.00	960	960
	3333	10.00	11.00	1.00	382	382
	3334	11.00	12.00	1.00	1243	1243
	3335	12.00	13.00	1.00	482	482
	3336	13.00	14.00	1.00	2863	2863
	3337	14.00	15.00	1.00	243	243
	3338	15.00	16.00	1.00	830	830
	3339	16.00	17.00	1.00	399	399
	3340	17.00	18.00	1.00	24789	24789
	3341	18.00	19.00	1.00	134	134
	3342	19.00	20.00	1.00	338	338
	3343	20.00	21.00	1.00	125	125
	3344	21.00	22.00	1.00	254	254
	3345	22.00	23.00	1.00	336	336
	3346	23.00	24.00	1.00	161	161
	3347	24.00	25.00	1.00	69	69
	3348	25.00	26.00	1.00	2	2
	3349	26.00	27.00	1.00	201	201
	3350	27.00	28.00	1.00	1371	1371
	3351	28.00	29.00	1.00	470	470
	3352	29.00	30.00	1.00	624	624
	3353	30.00	31.00	1.00	399	399
	3354	31.00	32.00	1.00	751	751
	3355	32.00	33.00	1.00	840	840
	3356	33.00	34.00	1.00	451	451
	3357	34.00	35.00	1.00	1029	1029
	3358	35.00	36.00	1.00	338	338
	3359	36.00	37.00	1.00	276	276
	3360	37.00	38.00	1.00	98	98
	3361	38.00	39.00	1.00	403	403
	3362	39.00	40.00	1.00	322	322
	3363	40.00	41.00	1.00	331	331
	3364	41.00	42.00	1.00	926	926
	3365	42.00	43.00	1.00	137	137
	3366	43.00	44.00	1.00	1303	1303
	3367	44.00	45.00	1.00	504	504
	3368	45.00	46.00	1.00	22	22
	3369	46.00	47.00	1.00	120	120
	3370	47.00	48.00	1.00	60	60
	3371	48.00	49.00	1.00	103	103
	3372	49.00	50.00	1.00	147	147
	3373	50.00	51.00	1.00	118	118
	3374	51.00	52.00	1.00	149	149
	3375	52.00	53.00	1.00	255	255

## Oka Project 1998 Au Assays

3376	53.00	54.00	1.00	350	350
3377	54.00	55.00	1.00	137	137
3378	55.00	56.00	1.00	125	125
3379	56.00	57.00	1.00	84	84
3380	57.00	58.00	1.00	871	871
3381	58.00	59.00	1.00	343	343
3382	59.00	60.00	1.00	288	288
3383	60.00	61.00	1.00	336	336
3384	61.00	62.00	1.00	353	353
3385	62.00	63.00	1.00	379	379
3386	63.00	64.00	1.00	106	106
3387	64.00	65.00	1.00	79	79
3388	65.00	66.00	1.00	336	336
3389	66.00	67.00	1.00	84	84
3390	67.00	68.00	1.00	118	118
3391	68.00	69.00	1.00	190	190
3392	69.00	70.00	1.00	857	857
3393	70.00	71.00	1.00	695	695
3394	71.00	72.00	1.00	5	5
3395	72.00	73.00	1.00	2	2
3396	73.00	74.00	1.00	293	293
3397	74.00	75.00	1.00	953	953
3398	75.00	76.00	1.00	2263	2263
3399	76.00	77.00	1.00	1577	1577
3400	77.00	78.00	1.00	432	432
3401	78.00	79.00	1.00	257	257
3402	79.00	80.00	1.00	288	288
3403	80.00	81.00	1.00	166	166
3404	81.00	82.00	1.00	163	163
3405	82.00	83.00	1.00	350	350
3406	83.00	84.00	1.00	3840	3840
3407	84.00	85.00	1.00	2880	2880
3408	85.00	86.00	1.00	5931	5931
3409	86.00	87.00	1.00	1138	1138
3410	87.00	88.00	1.00	482	482
3411	88.00	89.00	1.00	206	206
3412	89.00	90.00	1.00	535	535
3413	90.00	91.00	1.00	2949	2949
3414	91.00	92.00	1.00	586	586
3415	92.00	93.00	1.00	549	549
3416	93.00	94.00	1.00	279	279
3417	94.00	95.00	1.00	271	271
3418	95.00	95.70	0.70	411	288
3419	95.70	96.50	0.80	358	286
3420	96.50	97.90	1.40	1611	2255
3421	97.90	99.00	1.10	590	649
3422	99.00	100.00	1.00	96	96
3423	100.00	101.00	1.00	72	72
3424	101.00	101.60	0.60	26	16
3425	101.60	102.00	0.40	41	16
3426	102.00	103.00	1.00	216	216
3427	103.00	104.00	1.00	309	309



## Oka Project 1998 Au Assays

3428	104.00	105.00	1.00	201	201
3429	105.00	105.75	0.75	528	396
3430	105.75	106.25	0.50	175	88
3431	106.25	107.00	0.75	77	58
3432	107.00	107.79	0.79	45	36
3433	107.79	108.50	0.71	0	0
3434	108.50	109.50	1.00	38	38
3435	109.50	110.50	1.00	122	122
3436	110.50	111.50	1.00	267	267
3437	111.50	112.50	1.00	166	166
3438	112.50	113.50	1.00	58	58
3439	113.50	114.70	1.20	125	150
3440	114.70	115.50	0.80	180	144
3441	115.50	116.50	1.00	183	183
3442	116.50	117.50	1.00	81	81
3443	117.50	118.50	1.00	257	257
3444	118.50	119.50	1.00	230	230
3445	119.50	120.70	1.20	377	452

<b>Average</b>	<b>6.00</b>	<b>10.00</b>	<b>4.00</b>	<b>1788</b>	
<b>Average</b>	<b>6.00</b>	<b>18.00</b>	<b>12.00</b>	<b>3199</b>	
<b>Average</b>	<b>74.00</b>	<b>77.00</b>	<b>3.00</b>	<b>1598</b>	
<b>Average</b>	<b>74.00</b>	<b>87.00</b>	<b>13.00</b>	<b>1557</b>	
<b>Average</b>	<b>83.00</b>	<b>87.00</b>	<b>4.00</b>	<b>3447</b>	
<b>Average</b>	<b>6.00</b>	<b>97.90</b>	<b>91.90</b>	<b>948</b>	
<b>Average</b>	<b>6.00</b>	<b>120.70</b>	<b>114.70</b>	<b>792</b>	

## SEDEX MINING CORP.

Page: 1 of 3

Northing: 800  
Easting: 1200  
Elevation: 1000

## DRILL HOLE RECORD

Drill Hole: SO-98-16

Collar Azi.: 330  
Collar Dip: -45.0  
Hole Length: 110  
Date Started: May 28, 1998  
Completed: March 28, 1998

\*\*\* Dip Tests \*\*\*  
Depth Azi. Dip  
50 330 -42.5  
77 330 -42.0

Easting: L 8400 E  
Northing: L 12+00 N  
Claim: 1223271  
Property: Oka Project  
Drilled by: Norex Drilling Limited  
Logged by: T. Keast  
Purpose: Test surface gold showing

*Logged March 29/98**J. Keast*

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
.00	3.50	CASING						
3.50	32.00	MAFIC VOLCANIC FLOWS						
		Light green altered mafic volcanic flows and flow breccia. Fine-medium grained, weakly foliated 50 deg to C.A. Brecciated flow texture with scattered grey qtz carb veins, brecciated, 50 deg and 5 deg to C.A. Strong pervassive carbonate alteration. Massive flow sections with mottled/flow breccia sections. Weak-nil calcite alteration. Strong epidote 7-10% in wispy stringers up to 1 cm wide all angles to C.A. Local patchy grey-buff areas albite(?) 5-7% disseminated pyrite, and rare 5mm py stringer in qtz calcite vein. Qtz calcite veins grey-white up to 3 cm wide 5 Pyrite 1-2mm fine grained. 5-7% fine epidote alteration. H 3-4, MS variable 7-45.	3446	4.00	5.00	1.00	665	
		6.70 8.00 1-3% grey qtz veins, buff alteration, no calcite, no stain.	3447	5.00	6.00	1.00	1029	
		12.50 13.00 Buff alteration 10-15% py.	3448	6.00	7.00	1.00	691	
		15.40 15.71 Pink qtz calcite vein 50 deg to C.A. Tr py.	3449	7.00	8.00	1.00	823	
		20.40 22.00 Moderate to strong shear 35 deg to C.A Light buff colour.	3450	8.00	9.00	1.00	1119	
		28.20 32.00 5-7% qtz carb veins in fractures. 3-5% py. Strong epidote alteration.	3451	9.00	10.00	1.00	521	
		30.00 30.72 Narrow Lamprophyre Dyke.	3452	10.00	11.00	1.00	811	
			3453	11.00	12.00	1.00	240	
			3454	12.00	13.00	1.00	394	
			3455	13.00	14.00	1.00	926	
			3456	14.00	15.00	1.00	679	
			3457	15.00	16.00	1.00	211	
			3458	16.00	17.00	1.00	470	
			3459	17.00	18.00	1.00	274	
			3460	18.00	19.00	1.00	158	
			3461	19.00	20.00	1.00	254	
			3462	20.00	21.00	1.00	65	
			3463	21.00	22.00	1.00	429	
			3464	22.00	23.00	1.00	113	
			3465	23.00	24.00	1.00	69	
			3466	24.00	25.00	1.00	91	
			3467	25.00	26.00	1.00	516	
			3468	26.00	27.00	1.00	453	
			3469	27.00	28.00	1.00	465	
			3470	28.00	29.00	1.00	444	
			3471	29.00	30.00	1.00	266	
			3472	30.00	31.00	1.00	101	
			3473	31.00	32.00	1.00	286	
32.00	37.70	LAMPROPHYRE DYKE						
		Dark brown, fine to medium grained lamprophyre dyke. Sharp upper contact 55 deg to C.A. 5-7% fine biotite/amphibole. Massive weakly crystalline texture. Tr py in disseminations. H 4, MS 0.35.	9096	32.00	33.00	1.00	185	
			9097	33.00	34.00	1.00	525	
			9098	34.00	35.00	1.00	46	
			9099	35.00	36.00	1.00	110	
			9100	36.00	37.00	1.00	24	
			9101	37.00	37.70	.70	77	
37.70	42.10	CHLORITE CARBONATE SCHIST						
		Highly sheared chlorite carbonate schist White-grey calcite 60% brecciated in lithon shaped fragments in chloritic matrix. Strongly foliated 50 deg to C.A. Sharp upper contact 55 deg to C.A. Weak pink ferrodolomite stain. 1-3% fine disseminated py. H 3-4. MS 0.8.	3474	37.70	39.00	1.30	838	
			3475	39.00	40.00	1.00	1234	
			3476	40.00	41.00	1.00	576	
			3477	41.00	42.10	1.10	315	
42.10	84.00	MAFIC VOLCANIC FLOWS						
		Light green altered mafic volcanic flows and flow breccia. Fine-medium grained, weakly foliated 50 deg to C.A. Brecciated flow texture with scattered grey qtz carb veins, brecciated, 50 deg to C.A. And 5 deg to C.A. Strong pervassive carbonate alteration. Massive flow sections with mottled/flow breccia sections. Weak-nil calcite alteration. Strong epidote 7-10% in wispy stringers up to 1 cm wide all angles to C.A. 5-7% disseminated pyrite, and rare 5mm py stringer in qtz calcite vein. Qtz calcite veins grey-white up to 3 cm wide 5 Pyrite 1-2mm fine grained. 5-7% fine epidote alteration. Weak calcite, weak purple ferroclacite stain. H 3-4, MS variable 7-45.	3478	42.10	43.10	1.00	381	
		53.00 55.00 Strong pervassive calcite alteration.	3479	43.10	44.00	.90	886	
			3480	44.00	45.00	1.00	218	
			3481	45.00	46.00	1.00	68	
			3482	46.00	47.00	1.00	319	
			3483	47.00	48.00	1.00	75	
			3484	48.00	49.00	1.00	21	
			3485	49.00	50.00	1.00	50	
			3486	50.00	51.00	1.00	14	
			3487	51.00	52.00	1.00	21	

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
	50.00	51.10 Lamprophyre dyke.	3488	52.00	53.00	1.00	665	
			3489	53.00	54.00	1.00	63	
			3490	54.00	55.00	1.00	146	
	52.40	52.60 Pink-red alteration 5-7% py.	3491	55.00	56.00	1.00	399	
			3492	56.00	57.00	1.00	21	
	54.00	54.10 Pink-red alteration 5-7% py.	3493	57.00	58.00	1.00	150	
			3494	58.00	59.00	1.00	51	
	62.50	Strong brecciation, weak buff grey alteration, no calcite no carbonate stain. 5-7% py Narrow orange-red irregular patches, possible syenite dykes.	3495	59.00	60.00	1.00	129	
			3496	60.00	61.00	1.00	122	
			3497	61.00	62.00	1.00	141	
	At 72m	grey 2mm altered feldpsar phenocrysts 5-7% weak ferro calcite staining.	3498	62.00	63.00	1.00	461	
			3499	63.00	64.00	1.00	881	
			3500	64.00	65.00	1.00	156	
			9001	65.00	66.00	1.00	687	
			9002	66.00	67.00	1.00	723	
			9003	67.00	68.00	1.00	962	
			9004	68.00	69.00	1.00	441	
			9005	69.00	70.00	1.00	382	
			9006	70.00	71.00	1.00	1653	1.65
			9007	71.00	72.00	1.00	135	
			9008	72.00	73.00	1.00	380	
			9009	73.00	74.00	1.00	209	
			9010	74.00	75.00	1.00	694	
			9011	75.00	76.00	1.00	1334	1.33
			9012	76.00	77.00	1.00	351	
			9013	77.00	78.00	1.00	242	
			9014	78.00	79.00	1.00	442	
			9015	79.00	80.00	1.00	204	
			9016	80.00	81.00	1.00	86	
			9017	81.00	82.00	1.00	206	
			9018	82.00	83.00	1.00	298	
			9019	83.00	84.00	1.00	302	
84.00	88.10	CHLORITE CARBONATE SCHIST						
		Highly sheared chlorite carbonate schist White-grey calcite 60% brecciated in lithon shaped fragments in chloritic matrix. Strongly foliated 45 deg to C.A. Sharp upper contact 55 deg to C.A. Weak pink ferrodolomite stain. 1-3% Fine disseminated py. H 3-4. MS 0.8.	9020	84.00	85.00	1.00	195	
			9021	85.00	86.00	1.00	387	
			9022	86.00	87.00	1.00	190	
			9023	87.00	88.10	1.10	420	
88.10	92.08	LAMPROPHYRE DYKE						
		Dark brown, fine to medium grained lamprophyre dyke. Sharp upper contact 40 deg to C.A. 5-7% fine biotite/amphibole. Massive weakly crystalline texture. Tr py in disseminations. H 4, MS 0.16.	9024	88.10	89.00	.90	3	
			9025	89.00	90.00	1.00	2	
			9026	90.00	91.00	1.00	5	
			9027	91.00	92.00	1.00	2	
			9028	92.00	92.75	.75	14	
92.08	96.10	CHLORITE CARBONATE SCHIST						
		Highly sheared chlorite carbonate schist White-grey calcite 60% brecciated in lithon shaped fragments in chloritic matrix. Strongly foliated 45 deg to C.A. Sharp upper contact 55 deg to C.A. Weak pink ferrodolomite stain. 3-5% fine disseminated py, 1% 7mm cubes py. H 3-4. MS 0.16.	9029	92.75	93.50	.75	2	
			9030	93.50	95.10	1.60	19	
			9031	95.10	96.10	1.00	50	
	93.50	95.01 Lamprophyre dyke.						
96.10	97.25	SYENITE						
		Red-brown fine grained, strongly foliated and brecciated. Sharp upper contact 60 deg to C.A. 1-3% coarse subrounded feldspar phenocrysts. Highly brecciated, with 5-7% grey and white qtz veins, parallel and crosscutting foliation. Overall 7-10% fine disseminated py. Blue-green chlorite in fractures. H>5, MS low 0.05.	9032	96.10	97.00	.90	65	
			9033	97.00	98.00	1.00	115	
97.25	101.84	ALTERED MAFIC VOLCANIC FLOW						
		Red-brown fine grained highly brecciated and altered mafic flows or syenite intrusion. Gradational upper contact. Pervasive k-feldspar alteration and or narrow syenite dykes. 1-3% narrow 6mm eide qtz carb veins irregular with 3-5% py. Moderate pervasive calcite alteration. Ferrocalcite stain 7-10%	9034	98.00	99.39	1.39	60	
			9035	99.39	100.20	.81	53	
			9036	100.20	101.00	.80	31	
			9037	101.00	101.84	.84	41	

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
		fine disseminated py, scattered py stringer 3mm wide. Highly brecciated, fractured. H >5 MS 0.1.						
101.84	110.00	COARSE FELDSPAR PORPHYRY						
		Green fine grained matrix weakly foliated. Sharp upper contact 40 deg to C.A. 1-3% coarse subrounded pink feldspar phenocrysts up to 1 cm wide. Weakly brecciated, with tr grey and white qtz veins, parallel and crosscutting foliation. 1-3% chlorite filled 1mm fractures. Tr 1-3mm carb filled fractures 30 deg to C.A. Overall tr fine disseminated py. No calcite, violet ferrocalcite stain. H>5, MS low 0.15.	9038	101.84	103.00	1.16	22	
			9039	105.00	106.00	1.00	0	
			9040	108.00	108.93	.93	7	
			9041	108.93	110.00	1.07	2	
		E.O.H.						
		Casing left in hole.						
		Core Store at Obradovich Exploration Office, Kirkland Lake, Ont.						

# Oka Project 1998 Au Assays

SO-98-16	Sample #	From	To	Width m	Au PPB	Width x Au PPB
	3446	4.00	5.00	1.00	665	665
	3447	5.00	6.00	1.00	1029	1029
	3448	6.00	7.00	1.00	691	691
	3449	7.00	8.00	1.00	823	823
	3450	8.00	9.00	1.00	1119	1119
	3451	9.00	10.00	1.00	521	521
	3452	10.00	11.00	1.00	811	811
	3453	11.00	12.00	1.00	240	240
	3454	12.00	13.00	1.00	394	394
	3455	13.00	14.00	1.00	926	926
	3456	14.00	15.00	1.00	679	679
	3457	15.00	16.00	1.00	211	211
	3458	16.00	17.00	1.00	470	470
	3459	17.00	18.00	1.00	274	274
	3460	18.00	19.00	1.00	158	158
	3461	19.00	20.00	1.00	254	254
	3462	20.00	21.00	1.00	65	65
	3463	21.00	22.00	1.00	429	429
	3464	22.00	23.00	1.00	113	113
	3465	23.00	24.00	1.00	69	69
	3466	24.00	25.00	1.00	91	91
	3467	25.00	26.00	1.00	516	516
	3468	26.00	27.00	1.00	453	453
	3469	27.00	28.00	1.00	465	465
	3470	28.00	29.00	1.00	444	444
	3471	29.00	30.00	1.00	266	266
	3472	30.00	31.00	1.00	101	101
	3473	31.00	32.00	1.00	286	286
	9096	32.00	33.00	1.00	185	185
	9097	33.00	34.00	1.00	525	525
	9098	34.00	35.00	1.00	46	46
	9099	35.00	36.00	1.00	110	110
	9100	36.00	37.00	1.00	24	24
	9101	37.00	37.70	0.70	77	53.9
	3474	37.70	39.00	1.30	838	1089
	3475	39.00	40.00	1.00	1234	1234
	3476	40.00	41.00	1.00	576	576
	3477	41.00	42.10	1.10	315	347
	3478	42.10	43.10	1.00	381	381
	3479	43.10	44.00	0.90	730	657
	3480	44.00	45.00	1.00	218	218
	3481	45.00	46.00	1.00	68	68
	3482	46.00	47.00	1.00	319	319
	3483	47.00	48.00	1.00	75	75
	3484	48.00	49.00	1.00	21	21
	3485	49.00	50.00	1.00	50	50
	3486	50.00	51.00	1.00	14	14
	3487	51.00	52.00	1.00	21	21
	3488	52.00	53.00	1.00	665	665
	3489	53.00	54.00	1.00	63	63

## Oka Project 1998 Au Assays

3490	54.00	55.00	1.00	146	146
3491	55.00	56.00	1.00	399	399
3492	56.00	57.00	1.00	21	21
3493	57.00	58.00	1.00	150	150
3494	58.00	59.00	1.00	51	51
3495	59.00	60.00	1.00	129	129
3496	60.00	61.00	1.00	122	122
3497	61.00	62.00	1.00	141	141
3498	62.00	63.00	1.00	461	461
3499	63.00	64.00	1.00	881	881
3500	64.00	65.00	1.00	156	156
9001	65.00	66.00	1.00	687	687
9002	66.00	67.00	1.00	723	723
9003	67.00	68.00	1.00	962	962
9004	68.00	69.00	1.00	441	441
9005	69.00	70.00	1.00	382	382
9006	70.00	71.00	1.00	1653	1653
9007	71.00	72.00	1.00	135	135
9008	72.00	73.00	1.00	380	380
9009	73.00	74.00	1.00	209	209
9010	74.00	75.00	1.00	694	694
9011	75.00	76.00	1.00	1334	1334
9012	76.00	77.00	1.00	351	351
9013	77.00	78.00	1.00	242	242
9014	78.00	79.00	1.00	442	442
9015	79.00	80.00	1.00	204	204
9016	80.00	81.00	1.00	86	86
9017	81.00	82.00	1.00	206	206
9018	82.00	83.00	1.00	298	298
9019	83.00	84.00	1.00	302	302
9020	84.00	85.00	1.00	195	195
9021	85.00	86.00	1.00	387	387
9022	86.00	87.00	1.00	190	190
9023	87.00	88.00	1.00	420	420
9024	88.00	89.00	1.00	3	3
9025	89.00	90.00	1.00	2	2
9026	90.00	91.00	1.00	5	5
9027	91.00	92.00	1.00	2	2
9028	92.00	92.75	0.75	14	11
9029	92.75	93.50	0.75	2	2
9030	93.50	95.10	1.60	19	30
9031	95.10	96.10	1.00	50	50
9032	96.10	97.00	0.90	65	59
9033	97.00	98.00	1.00	115	115
9034	98.00	99.39	1.39	60	83
9035	99.39	100.20	0.81	53	43
9036	100.20	101.00	0.80	31	25
9037	101.00	101.84	0.84	41	34
9038	101.84	103.00	1.16	22	26
9039	105.00	106.00	1.00	0	0
9040	108.00	108.93	0.93	7	7
9041	108.93	110.00	1.07	2	2

## Oka Project 1998 Au Assays

<b>Average</b>	<b>4.00</b>	<b>34.00</b>	<b>30.00</b>	<b>448</b>
<b>Average</b>	<b>37.70</b>	<b>44.00</b>	<b>6.30</b>	<b>715</b>
<b>Average</b>	<b>62.00</b>	<b>88.00</b>	<b>26.00</b>	<b>478</b>
<b>Average</b>	<b>74.00</b>	<b>87.00</b>	<b>13.00</b>	<b>380</b>
<b>Average</b>	<b>83.00</b>	<b>87.00</b>	<b>4.00</b>	<b>250</b>
<b>Average</b>	<b>4.00</b>	<b>88.00</b>	<b>84.00</b>	<b>392</b>

## SEDEX MINING CORP.

Page: 1 of 4

Northing: 900  
 Easting: 1095  
 Elevation: 1000

## DRILL HOLE RECORD

Drill Hole: SO-98-17

Collar Azi.: 330  
 Collar Dip: -45.0  
 Hole Length: 191  
 Date Started: June 9, 1998  
 Completed: June 10, 1998

\*\*\* Dip Tests \*\*\*  
 Depth Azi. Dip  
 52 330 -44.0  
 125 330 -43.0

Easting: L 9+00 E  
 Northing: L 10+25 N  
 Claim: 1223271  
 Property: Oka Project  
 Drilled by: Norex Drilling Limited  
 Logged by: T. Keast  
 Purpose: Test surface gold showing

June 11/98

Jodel/Keast

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
.00	2.00	CASING						
2.00	4.00	LAPILLI TUFF Dark green fine grained mafic matrix with 10-15% rounded clasts up to 2cm wide. Clasts are same composition as matrix. Clasts all same composition. 1-2% carbonate veins 35 deg to C.A. Tr-1% py. Narrow interbedded flow breccia sections. H 4 MS 1.5.	9102 9103	2.00 3.00	3.00 4.00	1.00 1.00	24 63	
4.00	9.40	MAFIC VOLCANIC FLOWS Light green fine grained weakly foliated mafic flows/flow breccia. Weakly foliated/bedded 40 deg to C.A. Brecciated texture with green flow breccia fragments up to 2 cm. Fine quartz-epidote breccia matrix. Massive flow sections with mottled/flow breccia sections. No calcite alteration strong blue ankerite stain. Moderate epidote 3-5% in wispy stringers up to 1 cm wide. 1-3% disseminated pyrite. rare 5mm py stringer in qtz epidote vein. 1-2% Qtz veins grey-white up to 1 cm wide 5% Pyrite. Rare fine 1mm bedding laminations 20 deg to C.A. Rare rounded clast (?) possible sediments. H >5, MS 0.25.	9151 9152 9153 9154 9155	4.00 5.00 6.00 7.00 8.00	5.00 6.00 7.00 8.00 9.40	1.00 1.00 1.00 1.00 1.40	43 254 591 686 305	
9.40	21.17	LAPILLI TUFF Dark green fine grained mafic matrix with 10-15% rounded clasts up to 2cm wide. Clasts are same composition as matrix. Clasts dark green and light green. 1-2% carbonate veins 35 deg to C.A. Tr-1% py. Narrow interbedded flow breccia sections. H 4 MS 0.25.  19.00 20.00 1-2% qtz veins Py 3-5%. 20.00 21.17 Tr qtz veins, Py 1-3%. At 20.50 1 cm rounded pyrite clast.	9156 9157 9158 9159 9160 9161 9162 9163 9164 9165 9166 9167	9.40 10.00 11.00 12.00 13.00 14.00 15.00 16.00 17.00 18.00 19.00 20.00	10.00 11.00 12.00 13.00 14.00 15.00 16.00 17.00 18.00 19.00 20.00 21.17	.60 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.17	26 0 34 53 17 58 15 19 185 26 144 367	
21.17	26.20	BEDDED MAFIC VOLCANICS Dark green, fine grained thinly laminated mafic volcanics. Bedding 35 deg to C.A. Sharp upper contact 30 deg to C.A. Weak to moderate brittle fracturing. Tr-1% epidote in fractures. 1-3% dis pyrite. Tr-1% py, no calcite strong blue ankerite stain. H >5 MS 0.32.  21.17 22.00 Py 1%. 22.00 23.00 Py 1%. 23.00 24.00 Py 1%. 24.00 25.00 Py tr. 25.00 26.20 Py 1-3%.	9168 9169 9170 9171 9172	21.17 22.00 23.00 24.00 25.00	22.00 23.00 24.00 25.00 26.20	.83 1.00 1.00 1.00 1.20	346 53 137 540 75	
26.20	27.80	IRON FORMATION Dark green fine mafic volcanics with 15-20% oxide facies iron formation. Fine grained well bedded 40 deg to C.A. Weak fractures with minor offset of beds. Tr-1% qtz veins. Moderate blue ankerite stain. Highly magnetic MS 150, non conductive. 3-5% dis py 1% grey qtz veins. H >5 MS 150.  26.20 27.00 Py 3-5%, 1% qtz veins. 27.00 27.80 Py 3-5%, 1% qtz veins.	9173 9174	26.20 27.00	27.00 27.80	.80 .80	163 720	



From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
27.80	41.80	<b>BEDDED MAFIC VOLCANICS</b> Dark green, fine grained thinly laminated mafic volcanics. Bedding 35 deg to C.A. Sharp upper contact 30 deg to C.A. Weak to moderate brittle fracturing. Tr-1% epidote in fractures. 1-3% dis pyrite. 1-2% py, no calcite alteration, strong blue ankerite stain. Tr-1% calcite filled fractures. H >5 MS 0.32.  27.80 29.00 1% qtz veins, Py 7-10%. 37.00 38.00 37.8 38 5-7% qtz ankerite vein 1-3% py. 38.00 39.00 Bleached brecciated section. 39.00 40.00 Py 3-5%. 40.00 41.00 Py 2-3%. 41.00 41.80 Bleached brecciated section.	9175 9176 9177 9178 9179 9180 9181 9182 9183 9184 9185 9186 9187 9188	27.80 29.00 30.00 31.00 32.00 33.00 34.00 35.00 36.00 37.00 38.00 39.00 40.00 41.00	29.00 30.00 31.00 32.00 33.00 34.00 35.00 36.00 37.00 38.00 39.00 40.00 41.00 41.80	1.20 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 .80	1003 14 87 58 17 36 219 5 43 86 137 33 113 9	1.00
41.80	43.76	<b>FELDSPAR PHYRIC MAFIC VOLCANIC</b> Dark green, medium grained, sharp upper contact 4- deg to C.A. No chill margin. 3-5% angular-rounded feldspar phenocrysts up to 6mm. Possible dyke. No calcite, no blue ankerite stain. H 4 MS 0.30.	9189 9190	41.80 43.00	43.00 43.76	1.20 .76	10 15	
43.76	45.80	<b>QUARTZ ANKERITE VEIN</b> Light buff-grey, fine grained, 75% quartz-ankerite veins. Sharp upper contact 55 deg to C.A. 7-10% fine py throughout. Qtz veins 50 deg to C.A. Weak red alteration k-feldspar. H >5 MS 0.40.  43.76 44.70 85% qtz-ank veins, Py 10-15%. 44.70 45.80 25% qtz-ank veins, Py 10-15%.	9191 3192	43.76 44.70	44.70 45.80	.94 1.10	519 125	
45.80	174.50	<b>MAFIC VOLCANIC FLOWS</b> Light-dark green fine grained weakly foliated mafic flows/flow breccia. Weakly foliated/bedded 40 deg to C.A. Strongly flow brecciated texture with green flow breccia fragments up to 5 cm. Fine quartz-epidote breccia matrix. Massive flow sections with mottled/flow breccia sections. Gradational upper contact. Green hyaloclastite in matrix. Weak pervasive calcite alteration weak pink-blue ferrocaltite stain. Strong epidote 7-10% in wispy stringers in breccia matrix. 1-3% disseminated pyrite, rare 5mm py stringer. 1-2% grey Qtz veins up to 1 cm wide 5% Pyrite. H>4-5, MS 0.25.  70.00 71.00 3-5% pink qtz-carb veins. 85.00 86.00 Massive flow section. 90.00 91.00 Massive flow section. 91.00 92.00 Massive flow section. 93.00 94.00 10-15% qtz veins, Py 3-5%. 97.00 98.00 10% qtz veins 1% py. MS increases up to 43.0. Tr Po. 117.00 118.00 1% grey qtz-carb vein. 120.00 121.00 Qtz albite alteration 3-5% grey qtz veins, 3-5% Py. 121.00 122.00 Qtz albite alteration 1-3% grey qtz veins, 2-3% Py. 122.00 123.00 Tr-1% Mt with py stringer. 126.00 127.00 1-2% qtz veins. 132.00 133.00 Weak k-spar alteration. 136.00 137.00 Weak Hematite alteration. 137.00 138.00 Strong hematite alteration. 138.00 139.00 Lamprophyre Dyke. 139.00 140.00 Lamprophyre Dyke. 142.00 143.00 Lamprophyre Dyke. 146.00 147.00 Weak k-feldspar alteration. 155.00 156.00 1% qtz veins. 158.00 159.00 3-5% qtz veins. 167.00 168.00 3-5% py in stringers. 168.00 169.00 3-5% py in stringers. 169.00 170.00 3-5% py in stringers. 170.00 171.00 3-5% py in stringers. 171.00 172.00 3-5% py in stringers. 172.00 173.00 3-5% py in stringers.	9193 9194 9195 9196 9197 9198 9199 9200 9201 9202 9203 9204 9205 9206 9207 9208 9209 9210 9211 9212 9213 9214 9215 9216 9217 9218 9219 9220 9221 9222 9223 9224 9225 9226 9227 9228 9229 9230 9231 9232	45.80 47.00 48.00 49.00 50.00 51.00 52.00 53.00 54.00 55.00 56.00 57.00 58.00 59.00 60.00 61.00 62.00 63.00 64.00 65.00 66.00 67.00 68.00 69.00 70.00 71.00 72.00 73.00 74.00 75.00 76.00 77.00 78.00 79.00 80.00 81.00 82.00 83.00 84.00 85.00	47.00 48.00 49.00 50.00 51.00 52.00 53.00 54.00 55.00 56.00 57.00 58.00 59.00 60.00 61.00 62.00 63.00 64.00 65.00 66.00 67.00 68.00 69.00 70.00 71.00 72.00 73.00 74.00 75.00 76.00 77.00 78.00 79.00 80.00 81.00 82.00 83.00 84.00 85.00	1.20 1.00	573 677 65 48 27 62 14 19 19 15 14 15 33 70 9 36 33 14 24 33 19 94 43 27 81 29 22 43 19 0 36 2 17 22 146 119 540 1185 26	1.19

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
			9233	86.00	87.00	1.00	15	
			9234	87.00	88.00	1.00	1133	1.13
			9235	88.00	89.00	1.00	19	
			9236	89.00	90.00	1.00	31	
			9237	90.00	91.00	1.00	7	
			9238	91.00	92.00	1.00	10	
			9239	92.00	93.00	1.00	132	
			9240	93.00	94.00	1.00	1327	1.33
			9241	94.00	95.00	1.00	1053	1.05
			9242	95.00	96.00	1.00	153	
			9243	96.00	97.00	1.00	12	
			9244	97.00	98.00	1.00	57	
			9245	98.00	99.00	1.00	394	
			9246	99.00	100.00	1.00	550	
			9247	100.00	101.00	1.00	501	
			9248	101.00	102.00	1.00	250	
			9249	102.00	103.00	1.00	435	
			9250	103.00	104.00	1.00	43	
			9251	104.00	105.00	1.00	77	
			9252	105.00	106.00	1.00	89	
			9253	106.00	107.00	1.00	118	
			9254	107.00	108.00	1.00	21	
			9255	108.00	109.00	1.00	58	
			9256	109.00	110.00	1.00	567	
			9257	110.00	111.00	1.00	96	
			9258	111.00	112.00	1.00	240	
			9259	112.00	113.00	1.00	115	
			9260	113.00	114.00	1.00	185	
			9261	114.00	115.00	1.00	110	
			9262	115.00	116.00	1.00	195	
			9263	116.00	117.00	1.00	139	
			9264	117.00	118.00	1.00	60	
			9265	118.00	119.00	1.00	55	
			9266	119.00	120.00	1.00	58	
			9267	120.00	121.00	1.00	72	
			9268	121.00	122.00	1.00	41	
			9269	122.00	123.00	1.00	245	
			9270	123.00	124.00	1.00	430	
			9271	124.00	125.00	1.00	117	
			9272	125.00	126.00	1.00	161	
			9273	126.00	127.00	1.00	213	
			9274	127.00	128.00	1.00	111	
			9275	128.00	129.00	1.00	161	
			9276	129.00	130.00	1.00	118	
			9277	130.00	131.00	1.00	1474	1.47
			9278	131.00	132.00	1.00	89	
			9279	132.00	133.00	1.00	960	
			9280	133.00	134.00	1.00	2194	2.19
			9281	134.00	135.00	1.00	82	
			9282	135.00	136.00	1.00	2743	2.74
			9283	136.00	137.00	1.00	7200	7.20
			9284	137.00	138.00	1.00	151	
			9285	138.00	139.00	1.00	94	
			9286	139.00	140.00	1.00	3	
			9287	140.00	141.00	1.00	10	
			9288	141.00	142.00	1.00	151	
			9289	142.00	143.00	1.00	77	
			9290	143.00	144.00	1.00	22	
			9291	144.00	145.00	1.00	45	
			9292	145.00	146.00	1.00	2	
			9293	146.00	147.00	1.00	605	
			9294	147.00	148.00	1.00	81	
			9295	148.00	149.00	1.00	39	
			9296	149.00	150.00	1.00	45	
			9297	150.00	151.00	1.00	141	
			9298	151.00	152.00	1.00	142	
			9299	152.00	153.00	1.00	113	
			9300	153.00	154.00	1.00	689	
			9301	154.00	155.00	1.00	117	
			9302	155.00	156.00	1.00	94	
			9303	156.00	157.00	1.00	141	
			9304	157.00	158.00	1.00	57	
			9305	158.00	159.00	1.00	192	
			9306	159.00	160.00	1.00	82	

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngt (m)	AU PPB	AU G/T
			9307	160.00	161.00	1.00	94	
			9308	161.00	162.00	1.00	77	
			9309	162.00	163.00	1.00	70	
			9310	163.00	164.00	1.00	60	
			9311	164.00	165.00	1.00	225	
			9312	165.00	166.00	1.00	535	
			9313	166.00	167.00	1.00	115	
			9314	167.00	168.00	1.00	189	
			9315	168.00	169.00	1.00	132	
			9316	169.00	170.00	1.00	159	
			9317	170.00	171.00	1.00	549	
			9318	171.00	172.00	1.00	182	
			9319	172.00	173.00	1.00	1509	1.51
			9320	173.00	174.50	1.50	375	
174.50	191.00	DIABASE DYKE Dark brown, red-brown colour fine medium grained. Sharp upper contact 65 deg to C.A. Massive crystalline texture. Rare epidote filled fracture. Feldspar phenocrysts red alteration. H 4-5 MS 35.0.  E.O.H. Casing left in hole.  Core Store at Obradovich Exploration Office, Kirkland Lake, Ont.	9321	174.50	175.50	1.00	480	

# Oka Project 1998 Au Assays

SO-98-17 Sample #	From	To	Width m	Au PPB	Width x Au PPB
9102	2.00	3.00	1.00	24	24
9103	3.00	4.00	1.00	63	63
9151	4.00	5.00	1.00	43	43
9152	5.00	6.00	1.00	254	254
9153	6.00	7.00	1.00	591	591
9154	7.00	8.00	1.00	686	686
9155	8.00	9.40	1.40	305	427
9156	9.40	10.00	0.60	26	15.6
9157	10.00	11.00	1.00	0	0
9158	11.00	12.00	1.00	34	34
9159	12.00	13.00	1.00	53	53
9160	13.00	14.00	1.00	17	17
9161	14.00	15.00	1.00	58	58
9162	15.00	16.00	1.00	15	15
9163	16.00	17.00	1.00	19	19
9164	17.00	18.00	1.00	185	185
9165	18.00	19.00	1.00	26	26
9166	19.00	20.00	1.00	144	144
9167	20.00	21.17	1.17	367	429.39
9168	21.17	22.00	0.83	346	287.18
9169	22.00	23.00	1.00	53	53
9170	23.00	24.00	1.00	137	137
9171	24.00	25.00	1.00	540	540
9172	25.00	26.20	1.20	75	90
9173	26.20	27.00	0.80	163	130.4
9174	27.00	27.80	0.80	737	589.6
9175	27.80	29.00	1.20	1003	1203.6
9176	29.00	30.00	1.00	14	14
9177	30.00	31.00	1.00	87	87
9178	31.00	32.00	1.00	58	58
9179	32.00	33.00	1.00	17	17
9180	33.00	34.00	1.00	36	36
9181	34.00	35.00	1.00	219	219
9182	35.00	36.00	1.00	5	5
9183	36.00	37.00	1.00	43	43
9184	37.00	38.00	1.00	86	86
9185	38.00	39.00	1.00	137	137
9186	39.00	40.00	1.00	33	33
9187	40.00	41.00	1.00	113	113
9188	41.00	41.80	0.80	9	7.2
9189	41.80	43.00	1.20	10	12
9190	43.00	43.76	0.76	15	11.4
9191	43.76	44.70	0.94	519	487.86
9192	44.70	45.80	1.10	125	137.5
9193	45.80	47.00	1.20	573	687.6
9194	47.00	48.00	1.00	677	677
9195	48.00	49.00	1.00	65	65
9196	49.00	50.00	1.00	48	48
9197	50.00	51.00	1.00	27	27

## Oka Project 1998 Au Assays

9198	51.00	52.00	1.00	62	62
9199	52.00	53.00	1.00	14	14
9200	53.00	54.00	1.00	19	19
9201	54.00	55.00	1.00	19	19
9202	55.00	56.00	1.00	15	15
9203	56.00	57.00	1.00	14	14
9204	57.00	58.00	1.00	15	15
9205	58.00	59.00	1.00	33	33
9206	59.00	60.00	1.00	70	70
9207	60.00	61.00	1.00	9	9
9208	61.00	62.00	1.00	36	36
9209	62.00	63.00	1.00	33	33
9210	63.00	64.00	1.00	14	14
9211	64.00	65.00	1.00	24	24
9212	65.00	66.00	1.00	33	33
9213	66.00	67.00	1.00	19	19
9214	67.00	68.00	1.00	94	94
9215	68.00	69.00	1.00	43	43
9216	69.00	70.00	1.00	27	27
9217	72.00	71.00	-1.00	81	-81
9218	71.00	72.00	1.00	29	29
9219	72.00	73.00	1.00	22	22
9220	73.00	74.00	1.00	43	43
9221	74.00	75.00	1.00	19	19
9222	75.00	76.00	1.00	19	19
9223	76.00	77.00	1.00	0	0
9224	77.00	78.00	1.00	36	36
9225	78.00	79.00	1.00	2	2
9226	79.00	80.00	1.00	17	17
9227	80.00	81.00	1.00	22	22
9228	81.00	82.00	1.00	146	146
9229	82.00	83.00	1.00	119	119
9230	83.00	84.00	1.00	540	540
9231	84.00	85.00	1.00	1185	1185
9232	85.00	86.00	1.00	26	26
9233	86.00	87.00	1.00	15	15
9234	87.00	88.00	1.00	1133	1133
9235	88.00	89.00	1.00	19	19
9236	89.00	90.00	1.00	31	31
9237	90.00	91.00	1.00	7	7
9238	91.00	92.00	1.00	10	10
9239	92.00	93.00	1.00	132	132
9240	93.00	94.00	1.00	1327	1327
9241	94.00	95.00	1.00	1053	1053
9242	95.00	96.00	1.00	153	153
9243	96.00	97.00	1.00	12	12
9244	97.00	98.00	1.00	57	57
9245	98.00	99.00	1.00	394	394
9246	99.00	100.00	1.00	550	550
9247	100.00	101.00	1.00	501	501
9248	101.00	102.00	1.00	250	250

## Oka Project 1998 Au Assays

9249	102.00	103.00	1.00	435	435
9250	103.00	104.00	1.00	43	43
9251	104.00	105.00	1.00	77	77
9252	105.00	106.00	1.00	89	89
9253	106.00	107.00	1.00	118	118
9254	107.00	108.00	1.00	21	21
9255	108.00	109.00	1.00	58	58
9256	109.00	110.00	1.00	567	567
9257	110.00	111.00	1.00	96	96
9258	111.00	112.00	1.00	240	240
9259	112.00	113.00	1.00	115	115
9260	113.00	114.00	1.00	185	185
9261	114.00	115.00	1.00	110	110
9262	115.00	116.00	1.00	195	195
9263	116.00	117.00	1.00	139	139
9264	117.00	118.00	1.00	60	60
9265	118.00	119.00	1.00	55	55
9266	119.00	120.00	1.00	58	58
9267	120.00	121.00	1.00	72	72
9268	121.00	122.00	1.00	41	41
9269	122.00	123.00	1.00	245	245
9270	123.00	124.00	1.00	430	430
9271	124.00	125.00	1.00	117	117
9272	125.00	126.00	1.00	161	161
9273	126.00	127.00	1.00	213	213
9274	127.00	128.00	1.00	111	111
9275	128.00	129.00	1.00	161	161
9276	129.00	130.00	1.00	118	118
9277	130.00	131.00	1.00	1474	1474
9278	131.00	132.00	1.00	89	89
9279	132.00	133.00	1.00	960	960
9280	133.00	134.00	1.00	2194	2194
9281	134.00	135.00	1.00	82	82
9282	135.00	136.00	1.00	2743	2743
9283	136.00	137.00	1.00	7200	7200
9284	137.00	138.00	1.00	151	151
9285	138.00	139.00	1.00	94	94
9286	139.00	140.00	1.00	3	3
9287	140.00	141.00	1.00	10	10
9288	141.00	142.00	1.00	151	151
9289	142.00	143.00	1.00	77	77
9290	143.00	144.00	1.00	22	22
9291	144.00	145.00	1.00	45	45
9292	145.00	146.00	1.00	2	2
9293	146.00	147.00	1.00	605	605
9294	147.00	148.00	1.00	81	81
9295	148.00	149.00	1.00	39	39
9296	149.00	150.00	1.00	45	45
9297	150.00	151.00	1.00	141	141
9298	151.00	152.00	1.00	142	142
9299	152.00	153.00	1.00	113	113

# Oka Project 1998 Au Assays

9300	153.00	154.00	1.00	689	689
9301	154.00	155.00	1.00	117	117
9302	155.00	156.00	1.00	94	94
9303	156.00	157.00	1.00	141	141
9304	157.00	158.00	1.00	57	57
9305	158.00	159.00	1.00	192	192
9306	159.00	160.00	1.00	82	82
9307	160.00	161.00	1.00	94	94
9308	161.00	162.00	1.00	77	77
9309	162.00	163.00	1.00	70	70
9310	163.00	164.00	1.00	60	60
9311	164.00	165.00	1.00	225	225
9312	165.00	166.00	1.00	535	535
9313	166.00	167.00	1.00	115	115
9314	167.00	168.00	1.00	189	189
9315	168.00	169.00	1.00	132	132
9316	169.00	170.00	1.00	159	159
9317	170.00	171.00	1.00	549	549
9318	171.00	172.00	1.00	182	182
9319	172.00	173.00	1.00	1509	1509
9320	173.00	174.50	1.50	375	563
9321	174.50	175.50	1.00	480	480
<b>Average</b>	<b>5.00</b>	<b>9.40</b>	<b>4.40</b>	<b>445</b>	
<b>Average</b>	<b>17.00</b>	<b>29.00</b>	<b>12.00</b>	<b>318</b>	
<b>Average</b>	<b>43.76</b>	<b>48.00</b>	<b>4.24</b>	<b>469</b>	
<b>Average</b>	<b>81.00</b>	<b>175.50</b>	<b>94.50</b>	<b>368</b>	
<b>Average</b>	<b>122.00</b>	<b>138.00</b>	<b>16.00</b>	<b>1028</b>	
<b>Average</b>	<b>130.00</b>	<b>137.00</b>	<b>7.00</b>	<b>2106</b>	
<b>Average</b>	<b>132.00</b>	<b>137.00</b>	<b>5.00</b>	<b>2636</b>	
<b>Average</b>	<b>133.00</b>	<b>137.00</b>	<b>4.00</b>	<b>3055</b>	
<b>Average</b>	<b>150.00</b>	<b>175.50</b>	<b>25.50</b>	<b>263</b>	
<b>Average</b>	<b>122.00</b>	<b>175.50</b>	<b>53.50</b>	<b>455</b>	
<b>Average</b>	<b>2.00</b>	<b>175.70</b>	<b>173.70</b>	<b>257</b>	

## SEDEX MINING CORP.

Page: 1 of 4

Northing: 900  
Easting: 1095  
Elevation: 1000

## DRILL HOLE RECORD

Drill Hole: SO-98-18

Collar Azi.: 60  
Collar Dip: -50.0  
Hole Length: 185  
Date Started: June 10, 1998  
Completed: June 12, 1998

\*\*\* Dip Tests \*\*\*  
Depth Azi. Dip

52 60 -47.0  
125 60 -43.0

Easting: L 9+00 E  
Northing: L 8+90 N  
Claim: 1223271  
Property: Oka Project  
Drilled by: Norex Drilling Limited  
Logged by: T. Keast  
Purpose: Test EM Anomaly

June 13/98

J. delConte

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
.00	5.60	CASING						
5.60	6.78	MAFIC VOLCANIC FLOWS Light green fine grained weakly foliated mafic flows/flow breccia. Weakly foliated/bedded 40 deg to C.A. Brecciated texture with green flow breccia fragments up to 2 cm. Fine quartz-epidote breccia matrix. No calcite alteration. Moderate epidote 3-5% in wispy stringers up to 1 cm wide. Tr disseminated pyrite. H >5, MS 0.25.	9322	5.60	6.78	1.18	27	
6.78	11.24	LAPILLI TUFF Light green fine grained mafic matrix with 10-15% angular rounded ash-lapilli sized fragments up to 7mm. Clasts are light green, intermediate in composition. Clasts all same composition. Tr-1% py. Sharp chilled upper contact 60 deg to C.A. H 4 MS 0.3.	9323 9324 9325 9326	6.78 8.00 9.00 10.00	8.00 9.00 10.00 11.24	1.22 1.00 1.00 1.24	7 14 9 21	
11.24	17.80	MAFIC VOLCANIC FLOWS Light green fine grained weakly foliated mafic flows/flow breccia. Weakly foliated/bedded 40 deg to C.A. Brecciated texture with green flow breccia fragments up to 2 cm. Fine quartz-epidote breccia matrix. No calcite alteration. Moderate blue ferrocalcite stain. Moderate epidote 3-5% in wispy stringers up to 1 cm wide. 3-5% pyrite, disseminated and stringers, rare bands 40 deg to C.A. H >5, MS 0.25. 11.24 11.50 10-15% grey qtz veins 7-10% Py stringers. 11.50 11.86 15-20% Py in bands non conductive. 13.95 14.60 35-45% Py in semi massive bands 40 deg to C.A. Moderate conductors.	9327 9328 9329 9330 9331 9332 9333	11.24 12.00 13.00 14.00 15.00 16.00 17.00	12.00 13.00 14.00 15.00 16.00 17.00 17.80	.76 1.00 1.00 1.00 1.00 1.00 .80	21 17 48 82 27 19 221	
17.80	29.30	BEDDED INTERMEDIATE VOLCANIC Light grey-buff, fine buff cherty laminations 5-30 deg to C.A. Gradational upper contact. Pervasive buff color possible albite alteration. Moderate brecciation of bedded sections, angular fragments. 1-2% py disseminated and in stringers. Tr Sphalerite, tr Po in carb filled fracture. No carbonate alteration. H > 5 MS 0.16. At 19.23 Tr sph in carb filled fracture.	9334 9335 9336 9337 9338 9339 9340 9341 9342 9343 9344	17.80 19.00 20.00 21.00 22.00 23.00 24.00 25.00 26.00 27.00 28.00	19.00 20.00 21.00 22.00 23.00 24.00 25.00 26.00 27.00 28.00 29.30	1.20 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.30	3 7 10 9 15 14 27 27 21 10	
29.30	80.50	MAFIC VOLCANIC FLOWS Light green fine grained weakly foliated mafic flows/flow breccia. Weakly foliated/bedded 40 deg to C.A. Gradational upper contact. Brecciated texture with green flow breccia fragments up to 2 cm. Fine quartz-epidote breccia matrix. No calcite alteration. Moderate epidote 3-5% in wispy stringers up to 1 cm wide. 1-3% pyrite disseminated and in weak laminations. H 4, MS 0.25. 30.00 31.50 5-7% epidote filled amydules up to 1 cm in diameter.	9345 9346 9347 9348 9349 9350 9351 9352	29.30 30.00 31.00 32.00 33.00 34.00 35.00 36.00	30.00 31.00 32.00 33.00 34.00 35.00 36.00 37.00	.70 1.00 1.00 1.00 1.00 1.00 1.00 1.00	7 3 118 315 189 33 96 36	



From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
	36.30	38.90 Strong prevassive albite alteration 5-7% fine dis Py. 1-2% grey qtz veins.	9353	37.00	38.00	1.00	111	
			9354	38.00	39.00	1.00	242	
	47.65	52.00 5-7% Py, 7-10% Po in massive sulphide bands/stringers up to 15 cm wide.	9355	39.00	40.00	1.00	36	
			9356	40.00	41.00	1.00	24	
	48.65	48.80 Massive Po stringer 35 deg to C.A. Strong conductor.	9357	41.00	42.00	1.00	53	
			9358	42.00	43.00	1.00	43	
	49.63	49.80 Massive Po stringers 45 deg to C.A. Strong conductor.	9359	43.00	44.00	1.00	12	
			9360	44.00	45.00	1.00	7	
	50.00	50.15 Massive Po stringer 55 deg to C.A Strong conductor.	9361	45.00	46.00	1.00	888	
			9362	46.00	47.00	1.00	202	
	56.80	59.83 7-10% Po in stringers 5-7% Py in stringers strong conductors.	9363	47.00	48.00	1.00	525	
			9364	48.00	49.00	1.00	82	
		At 57m start strong blue ankerite stain.	9365	49.00	50.00	1.00	74	
			9366	50.00	51.00	1.00	29	
	70.00	72.00 Section of well developed hyaloclastite, grey siliceous matrix, 3-5% py.	9367	51.00	52.00	1.00	27	
			9368	52.00	53.00	1.00	26	
			9369	53.00	54.00	1.00	14	
	33.00	34.00 7-10% py.	9370	54.00	55.00	1.00	31	
	48.00	49.00 15-20% Po 7-10% Py.	9371	55.00	56.00	1.00	62	
	49.00	50.00 7-10% Po, 3-5% Py.	9372	56.00	57.00	1.00	24	
	50.00	51.00 Po 10-15%, Py 5-7%.	9373	57.00	58.00	1.00	72	
	54.00	55.00 3-5% grey qtz veins 3-5% Py.	9374	58.00	59.00	1.00	58	
	57.00	58.00 15-20% Po, 5-7% Py, strong conductor.	9375	59.00	60.00	1.00	24	
	58.00	59.00 7-10% Po, 3-5% Py, strong conductor.	9376	60.00	61.00	1.00	5	
	62.00	63.00 1cm wide carb vein with 3-5% Sph.	9377	61.00	62.00	1.00	24	
	63.00	64.00 3-5% Po in stringers, 1-3% py.	9378	62.00	63.00	1.00	38	
	64.00	65.00 1-2% Po, 1-3% Py.	9379	63.00	64.00	1.00	45	
	65.00	66.00 3-5% Po, 1-3% Py.	9380	64.00	65.00	1.00	93	
	66.00	67.00 1-2% Po, 3-5% Py.	9381	65.00	66.00	1.00	132	
	67.00	68.00 1-2% Po, 2-3% Py.	9382	66.00	67.00	1.00	27	
	68.00	69.00 3-5% Po 3-5% Py.	9383	67.00	68.00	1.00	22	
	69.00	70.00 1-3% po, 2-3% Py.	9384	68.00	69.00	1.00	17	
	71.00	72.00 1cm qtz carb vein 2-3% Sph, vein 10 deg to C.A.	9385	69.00	70.00	1.00	45	
			9386	70.00	71.00	1.00	21	
			9387	71.00	72.00	1.00	45	
			9388	72.00	73.00	1.00	46	
			9389	73.00	74.00	1.00	36	
			9390	74.00	75.00	1.00	22	
			9391	75.00	76.00	1.00	0	
			9392	76.00	77.00	1.00	15	
			9393	77.00	78.00	1.00	24	
			9394	78.00	79.00	1.00	10	
			9395	79.00	80.50	1.50	12	
80.50	122.60	MASSIVE MAFIC VOLCANIC						
		Dark green, weakly foliated 45 deg to C.A. Sharp upper contact 65 deg to C.A. Massive medium grained crystalline texture. Massive flow or gabbroic intrusion. 1-3% narrow factures filled with grey qtz, 1-3% py. H 4-5 MS 0.45-1.20.	9396	80.50	81.50	1.00	7	
			9397	81.50	83.00	1.50	7	
			9398	83.00	84.00	1.00	5	
			9399	84.00	85.00	1.00	7	
		93.00 93.50 Siliceous section 3-5% py, 1-3% Po.	9400	85.00	86.00	1.00	3	
			9401	86.00	87.00	1.00	2	
	96.00	96.30 3-5% white qtz veins 30 deg to C.A.	9402	87.00	88.00	1.00	9	
			9403	88.00	89.00	1.00	26	
	99.00	100.70 7-10% fine dis py, flow breccia.	9404	89.00	90.00	1.00	12	
			9405	90.00	91.00	1.00	19	
			9406	91.00	92.00	1.00	79	
			9407	92.00	93.00	1.00	7	
			9408	93.00	94.00	1.00	12	
			9409	94.00	95.00	1.00	5	
			9410	95.00	96.00	1.00	12	
			9411	96.00	97.00	1.00	31	
			9412	97.00	98.00	1.00	0	
			9413	98.00	99.00	1.00	3	
			9414	99.00	100.00	1.00	9	
			9415	100.00	101.00	1.00	15	
			9416	101.00	102.00	1.00	3	
			9417	102.00	103.00	1.00	3	
			9418	103.00	104.00	1.00	0	
			9419	104.00	105.00	1.00	0	
			9420	105.00	106.00	1.00	0	
			9421	106.00	107.00	1.00	2	
			9422	107.00	108.00	1.00	2	
			9423	108.00	109.00	1.00	0	
			9424	109.00	110.00	1.00	0	

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngr (m)	AU PPB	AU G/T
			9425	110.00	111.00	1.00	0	
			9426	111.00	112.00	1.00	0	
			9427	112.00	113.00	1.00	0	
			9428	113.00	114.00	1.00	0	
			9429	114.00	115.00	1.00	0	
			9430	115.00	116.00	1.00	0	
			9431	116.00	117.00	1.00	22	
			9432	117.00	118.00	1.00	27	
			9433	118.00	119.00	1.00	120	
			9434	119.00	120.00	1.00	125	
			9435	120.00	121.00	1.00	51	
			9436	121.00	122.60	1.60	24	
122.60	185.00	MAFIC VOLCANIC FLOWS						
		Light green fine grained weakly foliated flow breccia. Weakly foliated/bedded 40 deg to C.A. Sharp upper contact 35 deg to C.A. Highly brecciated texture with green flow breccia fragments up to 4 cm. Fine quartz-epidote breccia matrix. No calcite alteration. Moderate epidote 3-5% in wispy stringers up to 1 cm wide. 1-3% disseminated pyrite, locally 3-5% py, tr magnetite in breccia matrix, tr Po. H 4, MS 1.50.	9437	122.60	123.00	0.40	38	
			9438	123.00	124.00	1.00	21	
			9439	124.00	125.00	1.00	10	
			9440	125.00	126.00	1.00	2	
			9441	126.00	127.00	1.00	0	
			9442	127.00	128.00	1.00	0	
			9443	128.00	129.00	1.00	5	
		125.80 126.00 3-5% Po, 2-3% Py in 1mm laminations.	9444	129.00	130.00	1.00	9	
			9445	130.00	131.00	1.00	5	
		131.50 131.70 Qtz-albite vein 10-15% py 30 deg to C.A.	9446	131.00	132.00	1.00	125	
			9447	132.00	133.00	1.00	7	
		142.15 142.25 3-5% Po, 1-3% Py in stringer 30 deg to C.A.	9448	133.00	134.00	1.00	5	
			9449	134.00	135.00	1.00	0	
		149.10 150.70 Dark black brecciated interval 3-5% qtz carb veins.	9450	135.00	136.00	1.00	15	
			9451	136.00	137.00	1.00	14	
		152.65 154.70 Dark black massive mafic dyke.	9452	137.00	138.00	1.00	15	
			9453	138.00	139.00	1.00	19	
		154.70 155.70 Tr fine Sph qtz epidote veins.	9454	139.00	140.00	1.00	74	
			9455	140.00	141.00	1.00	262	
		160.50 161.70 Dark black mafic dyke.	9456	141.00	142.00	1.00	437	
			9457	142.00	143.00	1.00	81	
		162.80 2cm wide qtz vein 10 deg to C.A.	9458	143.00	144.00	1.00	39	
			9459	144.00	145.00	1.00	99	
		163.00 164.75 Dark black Mafic Dyke.	9460	145.00	146.00	1.00	5	
			9461	146.00	147.00	1.00	10	
			9462	147.00	148.00	1.00	0	
		E.O.H.	9463	148.00	149.00	1.00	19	
		Casing left in hole.	9464	149.00	150.00	1.00	24	
			9465	150.00	151.00	1.00	55	
		Core Store at Obradovich Exploration Office, Kirkland Lake, Ont.	9466	151.00	152.00	1.00	74	
			9467	152.00	153.00	1.00	22	
			9468	153.00	154.00	1.00	0	
			9469	154.00	155.00	1.00	21	
			9470	155.00	156.00	1.00	43	
			9471	156.00	157.00	1.00	197	
			9472	157.00	158.00	1.00	31	
			9473	158.00	159.00	1.00	111	
			9474	159.00	160.00	1.00	72	
			9475	160.00	161.00	1.00	7	
			9476	161.00	162.00	1.00	69	
			9477	162.00	163.00	1.00	51	
			9478	163.00	164.00	1.00	3	
			9479	164.00	165.00	1.00	0	
			9480	165.00	166.00	1.00	31	
			9481	166.00	167.00	1.00	12	
			9482	167.00	168.00	1.00	5	
			9483	168.00	169.00	1.00	0	
			9484	169.00	170.00	1.00	14	
			9485	170.00	171.00	1.00	41	
			9486	171.00	172.00	1.00	67	
			9487	172.00	173.00	1.00	5	
			9488	173.00	174.00	1.00	36	
			9489	174.00	175.00	1.00	60	
			9490	175.00	176.00	1.00	69	
			9491	176.00	177.00	1.00	45	
			9492	177.00	178.00	1.00	34	
			9493	178.00	179.00	1.00	106	
			9494	179.00	180.00	1.00	50	
			9495	180.00	181.00	1.00	43	
			9496	181.00	182.00	1.00	15	

From (m)	To (m)	Geology	Smpl	From (m)	To (m)	Lngt (m)	AU PPB	AU G/T
			9497	182.00	183.00	1.00	14	
			9498	183.00	184.00	1.00	31	
			9499	184.00	185.00	1.00	0	

**APPENDIX II**

**ASSAY CERTIFICATES**



# Inchcape Testing Services

## Bondar Clegg

Certificate  
of  
Analysis

CLIENT: SEDEX MINING CORP.  
REPORT: T96-57670.0 ( COMPLETE )

PROJECT: OKA  
DATE PRINTED: 12-DEC-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Au G/T
9701		<5		9741		37	
9702		26		9742		68	
9703		13		9743		82	
9704		41		9744		65	
9705		31		9745		108	
9706		64		9746		190	
9707		15		9747		121	
9708		108		9748		414	
9709		167		9749		88	
9710		266		9750		220	
9711		110		9751		137	
9712		148		9752		118	
9713		116		9753		239	
9714		103		9754		139	
9715		237		9755		137	
9716		39		9756		482	
9717		176		9757		48	
9718		72		9758		363	
9719		192		9759		199	
9720		3766	3.72	9760		23	
9721		663		9761		57	
9722		1816	1.99	9762		11	
9723		805					
9724		1155	1.19				
9725		193					
9726		203					
9727		246					
9728		168					
9729		118					
9730		105					
9731		241					
9732		2003	2.05				
9733		1328	1.31				
9734		776					
9735		411					
9736		267					
9737		261					
9738		2599	2.47				
9739		282					
9740		164					

Bondar-Clegg & Company Ltd.

5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada

Tel: (613) 749-2220, Fax: (613) 749-7170

Lab Supervisor



# Inchcape Testing Services

## Bondar Clegg

Certificate  
of  
Analysis

CLIENT: SEDEX MINING CORP.  
REPORT: T96-57673.0 ( COMPLETE )

PROJECT: OKA  
DATE PRINTED: 11-DEC-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
------------------	------------------	-------------

9763		36
9764		29
9765		117
9766		148
9767		326

SO-96-04

9768		91
9769		129
9770		129
9771		40
9772		104

9773		47
9774		35
9775		35
9776		26
9777		12

9778		36
9779		37
9780		170
9781		217
9782		319

9783		486
9784		324
9785		132
9786		158
9787		261

9788		168
9789		658
9790		508
9791		268
9792		64

9793		196
9794		637
9795		732



# Inchcape Testing Services

## Bondar Clegg

Certificate  
of  
Analysis

CLIENT: SEDEX MINING CORP.  
REPORT: T96-57681.0 ( COMPLETE )

PROJECT: OKA  
DATE PRINTED: 12-DEC-96  
PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
------------------	------------------	-------------

9796		409
9797		139
9798		163
9799		184
9800		145

9801		258
9802		727
9803		108
9804		227
9805		79

9806		42
9807		68
9808		72
9809		242
9810		299

9811		356
9812		288
9813		257
9814		179
9815		157

9816		139
9817		95
9818		97
9819		67
9820		131

9821		85
9822		89
9823		204
9824		310
9825		<5

9826		<5
9827		26
9828		155
9829		159
9830		359

9831		235
9832		550
9833		1410
9834		599
9835		415

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Tel: (613) 749-2220, Fax: (613) 749-7170

  
Lab Supervisor



# Inchcape Testing Services

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CLIENT: SEDEX MINING CORP.  
REPORT: T96-57682.0 ( COMPLETE )

PROJECT: OKA  
DATE PRINTED: 12-DEC-96  
PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
------------------	------------------	-------------

9836		233
9837		153
9838		1741
9839		2894
9840		1526

9841		25488
9842		929
9843		4392
9844		494
9845		186

9846		1006
9847		153
9848		253
9849		267
9850		156

9851		114
9852		270
9853		740
9854		459
9855		2415

9856		399
9857		271
9858		314
9859		230
9860		277

9861		695
9862		532
9863		1006
9864		443
9865		826

9866		3424
9867		1320
9868		458





# Inchcape Testing Services

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CLIENT: SEDEX MINING CORP.  
REPORT: T96-57683.0 ( COMPLETE )

PROJECT: OKA  
DATE PRINTED: 19-DEC-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	AuGrav G/T	Ag PPM
9869		189		
9870		161		
9871		326		
9872		291		
9873		262		
9874		112		
9875		111		
9876		249		
9877		112		
9878		97		
9879		64		
9880		260		
9881		204		
9882		210		
9883		333		
9884		262		
9885		316		
9886		239		
9887		127		
9888		156		
9889		115		
9890		35		
9891		27		
9892		882		
9893		7823	6.24	
9894		111		
9895		41		
9896		44		
9897		36		
9898		43		
9899		67		
9900		8		0.3
9901		8		0.4
9902		<5		0.4
9903		36		0.5
9904		<5		0.5
9906		<5		0.5
9907		5255	6.21	0.9
9908		<5		0.5
9909		7		0.4

  
Lab Supervisor



# Inchcape Testing Services

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CLIENT: SEDEX MINING CORP.  
REPORT: T96-57684.0 ( COMPLETE )

PROJECT: OKA  
DATE PRINTED: 13-DEC-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM
9910		17	0.4
9911		<5	0.5
9912		7	0.6
9913		15	0.4
9914		12	0.5
9915		11	0.5
9916		<5	0.5
9917		22	0.5
9918		<5	0.3
9919		<5	0.2
9920		16	0.6
9921		115	0.6
9922		17	0.4
9923		<5	0.6
9924		20	0.6
9925		<5	0.5
9926		9	0.6
9927		<5	0.7
9928		<5	0.5
9929		36	0.5
9930		5	0.6
9931		11	0.6
9932		195	0.5
9933		24	0.3
9934		9	
9935		64	
9936		9	
9937		12	
9938		12	
9939		7	
9940		<5	
9941		6	
9942		13	



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REPORT: T96-57685.0 ( COMPLETE )

PROJECT: OKA  
DATE PRINTED: 13-DEC-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM
9943		<5	0.4	9983		17	
9944		<5	0.6	9984		<5	
9945		7	0.6	9985		14	
9946		<5	0.4	9986		<5	
9947		<5	0.4	9987		5	
9948		<5	0.6				
9949		<5	0.6				
9950		17	0.8				
9951		<5	0.4				
9952		<5	0.6				
9953		9	0.4				
9954		<5	0.4				
9955		<5	0.5				
9956		34	0.8				
9957		80	0.5				
9958		<5	0.5				
9959		<5	0.4				
9960		<5	0.6				
9961		<5	0.6				
9962		<5	0.6				
9963		8	0.5				
9964		<5	0.6				
9965		<5	0.6				
9966		<5	0.6				
9967		7	0.4				
9968		8	0.7				
9969		6					
9970		<5					
9971		<5					
9972		14					
9973		<5					
9974		<5					
9975		6					
9976		5					
9977		<5					
9978		6					
9979		<5					
9980		<5					
9981		9					
9982		51					

2.19442

Lab Supervisor



# Inchcape Testing Services

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Analysis

CLIENT: SEDEX MINING CORP.  
REPORT: T96-57687.0 ( COMPLETE )

PROJECT: OKA  
DATE PRINTED: 16-DEC-96      PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
9988		19
9989		<5
9990		<5
9991		<5
9992		10
9993		10
9994		8
9995		8
9996		31
9997		12
9998		22



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CLIENT: SEDEX MINING CORP.  
REPORT: T96-57682.1 ( COMPLETE )

PROJECT: OKA  
DATE PRINTED: 13-DEC-96  
PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AuGrav G/T
9838		1.41
9839		2.47
9840		1.23
9841		23.45
9843		4.87
9846		1.47
9855		2.98
9863		1.58
9866		3.94
9867		2.81



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CLIENT: SEDEX MINING CORP.  
REPORT: T96-57681.1 ( COMPLETE )

PROJECT: OKA  
DATE PRINTED: 16-DEC-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AuGrav G/T
9833		1.61

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CLIENT: SEDEX MINING CORP.  
REPORT: T96-57697.0 ( COMPLETE )

PROJECT: OKA  
DATE PRINTED: 19-DEC-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	AuGrav G/T	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	AuGrav G/T
9999		102		20539		81	
10000		323		20540		76	
20501		278		20541		109	
20502		12		20542		189	
20503		118		20543		76	
20504		412		20544		151	
20505		611					
20506		40					
20507		104					
20508		81					
20509		2587	2.88				
20510		93					
20511		110					
20512		238					
20513		285					
20514		101					
20515		68					
20516		67					
20517		483					
20518		38					
20519		18					
20520		12					
20521		10					
20522		21					
20523		10					
20524		12					
20525		559					
20526		1355	1.71				
20527		424					
20528		48					
20529		55					
20530		506					
20531		111					
20532		182					
20533		273					
20534		183					
20535		85					
20536		132					
20537		212					
20538		590					

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CLIENT: SEDEX MINING CORP.  
REPORT: T96-57698.0 ( COMPLETE )

PROJECT: OKA  
DATE PRINTED: 18-DEC-96  
PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
20545		117	20585		42
20546		160	20586		173
20547		124	20587		357
20548		137	20588		400
20549		166	20589		229
20550		134	20590		228
20551		98	20591		433
20552		108	20592		508
20553		143	20593		695
20554		135	20594		437
20555		12	20595		178
20556		89			
20557		20			
20558		37			
20559		10			
20560		38			
20561		239			
20562		74			
20563		159			
20564		478			
20565		102			
20566		45			
20567		26			
20568		56			
20569		77			
20570		42			
20571		54			
20572		96			
20573		28			
20574		227			
20575		145			
20576		988			
20577		822			
20578		127			
20579		14			
20580		14			
20581		40			
20582		164			
20583		52			
20584		<5			





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CLIENT: SEDEX MINING CORP.  
REPORT: T96-57700.0 ( COMPLETE )

PROJECT: OKA  
DATE PRINTED: 19-DEC-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	AuGrav G/T	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	AuGrav G/T
20596		117		20636		198	
20597		143		20637		262	
20598		209		20638		905	
20599		108		20639		1098	1.34
20600		233		20640		603	
20601		42					
20602		14					
20603		36					
20604		19					
20605		35					
20606		44					
20607		50					
20608		44					
20609		64					
20610		44					
20611		30					
20612		19					
20613		99					
20614		304					
20615		93					
20616		91					
20617		233					
20618		363					
20619		289					
20620		952					
20621		405					
20622		505					
20623		587					
20624		580					
20625		558					
20626		701					
20627		439					
20628		391					
20629		198					
20630		318					
20631		160					
20632		222					
20633		184					
20634		120					
20635		391					



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# Certificate of Analysis

CLIENT: SEDEX MINING CORP.  
REPORT: T96-57701.0 ( COMPLETE )

PROJECT: OKA  
DATE PRINTED: 19-DEC-96  
PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	AuGrav G/T
------------------	------------------	-------------	---------------

20641		562	
20642		2302	2.91
20643		661	
20644		830	
20645		1195	1.34

20646		340	
20647		266	
20648		303	
20649		230	
20650		140	

20651		149	
20652		112	
20653		111	
20654		567	
20655		187	

20656		254	
20657		371	
20658		607	
20659		100	
20660		143	

20661		711	
20662		98	
20663		54	
20664		87	
20665		49	

20666		32	
20667		30	
20668		289	
20669		133	
20670		125	

20671		310	
20672		217	
20673		35	
20674		25	
20675		59	

20676		70	
20677		29	
20678		26	
20679		25	
20680		19	



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CLIENT: SEDEX MINING CORP.  
REPORT: T96-57706.0 ( COMPLETE )

PROJECT: OKA  
DATE PRINTED: 20-DEC-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AL30 PPB
---------------	---------------	----------

20681		11
20682		24
20683		354
20684		130
20685		8

20686		<5
20687		9
20688		<5
20689		<5
20690		<5

20691		<5
20692		5
20693		<5
20694		<5
20695		<5

20696		<5
20697		<5
20698		<5
20699		<5
20700		28

20701		28
20702		15
20703		446
20704		25
20705		36

20706		41
20707		16
20708		21
20709		23
20710		123

20711		140
20712		6
20713		43
20714		59
20715		37

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CLIENT: SEDEX MINING CORP.  
REPORT: T96-57712.0 ( COMPLETE )

PROJECT: OKA  
DATE PRINTED: 31-DEC-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
20716		58	20756		34
20717		175	20757		12
20718		268	20758		26
20719		56	20759		7
20720		28	20760		8
20721		35	20761		6
20722		19	20762		46
20723		44	20763		60
20724		13	20764		81
20725		17	20765		106
20726		15	20766		67
20727		19	20767		56
20728		14	20768		14
20729		69	20769		31
20730		60	20770		75
20731		96			
20732		24			
20733		38			
20734		19			
20735		24			
20736		7			
20737		<5			
20738		32			
20739		22			
20740		87			
20741		8			
20742		14			
20743		18			
20744		10			
20745		11			
20746		24			
20747		17			
20748		19			
20749		17			
20750		58			
20751		38			
20752		14			
20753		45			
20754		34			
20755		9			



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Analysis

CLIENT: SEDEX MINING CORP.  
REPORT: T96-57713.0 ( COMPLETE )

PROJECT: OKA  
DATE PRINTED: 30-DEC-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	AuGrav G/T	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	AuGrav G/T
20771		103		20811		137	
20772		102		20812		281	
20773		82		20813		226	
20774		83		20814		379	
20775		106		20815		315	
20776		128		20816		232	
20777		171		20817		1934	2.16
20778		196		20818		55	
20779		164		20819		449	
20780		185		20820		665	
20781		122		20821		954	
20782		117		20822		391	
20783		134		20823		485	
20784		180		20824		104	
20785		160		20825		<5	
20786		183					
20787		25					
20788		33					
20789		35					
20790		237					
20791		249					
20792		70					
20793		122					
20794		80					
20795		57					
20796		45					
20797		120					
20798		204					
20799		54					
20800		68					
20801		120					
20802		44					
20803		69					
20804		79					
20805		101					
20806		116					
20807		238					
20808		270					
20809		294					
20810		241					



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## Geochemical Analysis Certificate

7W-0287-RG1

Company: **T. OBRADOVICH**  
Project: Oka  
Attn: T. Obradovich

Date: JAN-31-97

We hereby certify the following Geochemical Analysis of 43 Core samples submitted JAN-27-97 by .

Sample Number	Au PPB	Au Check PPB
20042	3	-
20043	2	-
20044	Nil	Nil
20045	Nil	-
20046	5	-
20047	75	-
20048	38	-
20049	7	-
20050	Nil	-
20051	2	-
20052	2	-
20053	Nil	-
20054	Nil	-
20055	21	14
20056	105	-
20057	43	-
20058	17	-
20059	9	-
20060	27	-
20061	38	-
20062	36	-
20063	27	-
20064	15	-
20065	34	-
20066	27	-
20067	62	-
20068	51	-
20069	48	45
20070	74	-
20071	60	-

One assay ton portion used.

Certified by Denis Chantre



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## Geochemical Analysis Certificate

7W-0287-RG1

Company: **T. OBRADOVICH**  
Project: Oka  
Attn: T. Obradovich

Date: JAN-31-97

We hereby certify the following Geochemical Analysis of 43 Core samples submitted JAN-27-97 by .

Sample Number	Au PPB	Au Check PPB
20072	50	-
20073	87	-
20074	62	-
20075	163	-
20076	86	98
20077	46	-
20078	51	-
20079	41	-
20080	Nil	-
20081	50	-
20082	Nil	-
20083	70	75
20084	129	-

One assay ton portion used.

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## Geochemical Analysis Certificate

7W-0315-RG1

Company: **T. OBRADOVICH**  
Project: Oka  
Attn: T. Obradovich

Date: FEB-04-97

We hereby certify the following Geochemical Analysis of 25 Core samples submitted JAN-29-97 by .

Sample Number	Au PPB	Au Ck PPB
20085	39	43
20086	3	-
20087	74	-
20088	57	-
20089	54	-
20090	81	-
20091	252	281
20092	41	-
20093	26	-
20094	33	26
20095	12	-
20096	17	-
20097	53	-
20098	87	-
20099	46	-
20100	117	182
20101	41	-
20102	7	-
20103	5	-
20104	27	-
20105	9	-
20106	5	5
20107	48	-
20108	43	-
20109	14	-

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## Geochemical Analysis Certificate

7W-0316-RG1

Company: **T. OBRADOVICH**  
Project: Oka  
Attn: T. Obradovich

Date: FEB-04-97

We hereby certify the following Geochemical Analysis of 8 Core samples submitted JAN-29-97 by .

Sample Number	Au PPB	Au Ck PPB
20110	15	15
20111	62	-
20112	14	-
20113	39	-
20114	10	-
20115	26	-
20116	228	233
20117	202	197

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## Geochemical Analysis Certificate

7W-0330-RG1

Company: **T. OBRADOVICH**  
Project: OKA  
Attn: T. Obradovich

Date: FEB-03-97

We hereby certify the following Geochemical Analysis of 50 Split Core samples submitted JAN-30-97 by .

Sample Number	Au PPB	Au Check PPB
20118	14	-
20119	39	48
20120	5	-
20121	3	-
20122	Nil	-
20123	3	-
20124	Nil	-
20125	Nil	-
20126	2	-
20127	Nil	-
20128	Nil	-
20129	2	-
20130	2	-
20131	Nil	-
20132	15	10
20133	2	-
20134	Nil	-
20135	7	-
20136	Nil	-
20137	3	-
20138	Nil	-
20139	2	-
20140	Nil	-
20141	Nil	-
20142	Nil	5
20143	2	-
20144	Nil	-
20145	Nil	-
20146	Nil	-
20147	Nil	-

One assay ton portion used.

Certified by

P.O. Box 10, Swastika, Ontario P0K 1T0

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## Geochemical Analysis Certificate

7W-0330-RG1

Company: **T. OBRADOVICH**  
Project: **OKA**  
Attn: **T. Obradovich**

Date: FEB-03-97

We hereby certify the following Geochemical Analysis of 50 Split Core samples submitted JAN-30-97 by .

Sample Number	Au PPB	Au Check PPB
20148	2	-
20149	Nil	-
20150	5	-
20151	Nil	-
20152	2	-
20153	Nil	-
20154	29	26
20155	14	-
20156	7	-
20157	12	-
20158	21	-
20159	24	-
20180	10	-
20181	14	-
20182	14	-
20183	15	-
20184	15	17
20185	12	-
20186	5	-
20187	12	-

One assay ton portion used.

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## Geochemical Analysis Certificate

7W-0309-RG1

Company: **T. OBRADOVICH**  
Project: Oka  
Attn: T.Obradovich

Date: JAN-30-97

We hereby certify the following Geochemical Analysis of 20 Core samples submitted JAN-29-97 by .

Sample Number	Au PPB	Au Check PPB
20160	33	26
20161	29	-
20162	9	-
20163	7	-
20164	51	-
20165	314	-
20166	39	-
20167	58	62
20168	24	-
20169	22	-
20170	3	-
20171	Nil	-
20172	Nil	-
20173	Nil	-
20174	7	7
20175	5	-
20176	2	Nil
20177	Nil	-
20178	Nil	-
20179	Nil	-

One assay ton portion used.

Certified by



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## Geochemical Analysis Certificate

7W-0380-RG1

Company: **T.OBRADOVICH**  
Project: Oka  
Attn: T.Obradovich

Date: FEB-07-97

We hereby certify the following Geochemical Analysis of 39 Core samples submitted FEB-04-97 by .

Sample Number	Au PPB	Au Check PPB
20188	10	5
20189	15	-
20190	3	-
20191	Nil	-
20192	2	-
20193	10	-
20194	5	-
20195	12	-
20196	15	-
20197	29	34
20198	Nil	-
20199	22	-
20200	17	-
20201	10	-
20202	2	-
20203	7	-
20204	Nil	-
20205	29	-
20206	2	-
20207	46	-
20208	36	-
20209	72	-
20210	Nil	-
20211	17	-
20212	29	-
20213	2	-
20214	12	-
20215	110	-
20216	137	123
20217	29	-

One assay ton portion used.

Certified by



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## Geochemical Analysis Certificate

7W-0380-RG1

Company: **T.OBRADOVICH**  
Project: Oka  
Attn: T.Obradovich

Date: FEB-07-97

We hereby certify the following Geochemical Analysis of 39 Core samples submitted FEB-04-97 by .

Sample Number	Au PPB	Au Check PPB
20218	86	75
20219	Nil	-
20220	Nil	-
20221	53	-
20222	Nil	-
20223	7	-
20224	Nil	-
20225	Nil	-
20226	3	-

One assay ton portion used.

Certified by

P.O. Box 10, Swastika, Ontario P0K 1T0  
Telephone (705) 642-3244 FAX (705) 642-3300



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8W-1326-RG1

## Geochemical Analysis Certificate

Company: **T. OBRADOVICH**  
Project: **OKA**  
Attn: **T.Obradovich**

Date: MAY-26-98

We hereby certify the following Geochemical Analysis of 42 Core samples submitted MAY-24-98 by .

Sample Number	Au PPB	Au Check PPB
3001	166	-
3002	206	171
3003	106	-
3004	117	-
3005	122	-
3006	178	-
3007	264	-
3008	185	-
3009	146	-
3010	211	205
3011	74	-
3012	110	-
3013	75	-
3014	93	-
3015	120	-
3016	91	-
3017	19	-
3018	45	-
3019	2	-
3020	51	-
3021	135	-
3022	338	343
3023	57	-
3024	50	-
3025	346	-
3026	331	333
3027	302	-
3028	14	-
3029	12	-
3030	14	-

One assay ton portion used.

Certified by Denis Chantre



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## Geochemical Analysis Certificate

8W-1326-RG1

Company: **T. OBRADOVICH**  
Project: OKA  
Attn: T.Obradovich

Date: MAY-26-98

We hereby certify the following Geochemical Analysis of 42 Core samples submitted MAY-24-98 by .

Sample Number	Au PPB	Au Check PPB
3031	110	-
3032	209	-
3033	19	-
3034	48	-
3035	65	-
3036	478	411
3037	345	-
3038	291	-
3039	302	-
3040	235	173
3041	314	-
3042	247	-

One assay ton portion used.

Certified by Denis Chastre





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8W-1338-RG1

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## Geochemical Analysis Certificate

Company: **T.OBRADOVICH**

Project: OKA

Attn: T.Obradovich

Date: MAY-27-98

We hereby certify the following Geochemical Analysis of 74 Split Core samples submitted MAY-25-98 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
3043	36	-	-	-	-	-
3044	252	-	-	-	-	-
3045	1365	1166	-	1.37	1.17	-
3046	199	-	-	-	-	-
3047	753	-	-	-	-	-
3048	1886	-	-	1.89	-	-
3049	629	-	-	-	-	-
3050	1946	1886	-	1.95	1.89	-
3051	1347	-	-	1.35	-	-
3052	19	-	-	-	-	-
3053	117	-	-	-	-	-
3054	147	-	-	-	-	-
3055	86	-	-	-	-	-
3056	367	-	-	-	-	-
3057	2194	-	-	2.19	-	-
3058	1166	1310	-	1.17	1.31	-
3059	209	-	-	-	-	-
3060	655	-	-	-	-	-
3061	2366	2400	-	2.37	2.40	-
3062	3326	-	-	3.33	-	-
3063	891	-	-	-	-	-
3064	5349	5554	5794	5.35	5.55	5.79
3065	984	-	-	-	-	-
3066	1661	-	-	1.66	-	-
3067	547	-	-	-	-	-
3068	1646	1523	-	1.65	1.52	-
3069	950	-	-	-	-	-
3070	926	-	-	-	-	-
3071	117	-	-	-	-	-
3072	507	-	-	-	-	-

One assay ton portion used.

Certified by Denis Chantre

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705)642-3244 Fax (705)642-3300



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8W-1338-RG1

Date: MAY-27-98

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## Geochemical Analysis Certificate

Company: **T.OBRADOVICH**  
Project: OKA  
Attn: T.Obradovich

We hereby certify the following Geochemical Analysis of 74 Split Core samples submitted MAY-25-98 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
3073	957	-	-	-	-	-
3074	189	185	-	-	-	-
3075	307	-	-	-	-	-
3076	183	-	-	-	-	-
3077	435	-	-	-	-	-
3078	1039	1097	-	1.04	1.10	-
3079	273	-	-	-	-	-
3080	842	-	-	-	-	-
3081	651	-	-	-	-	-
3082	365	-	-	-	-	-
3083	1371	-	-	1.37	-	-
3084	218	-	-	-	-	-
3085	670	507	-	-	-	-
3086	86	-	-	-	-	-
3087	166	-	-	-	-	-
3088	711	-	-	-	-	-
3089	1749	1646	-	1.75	1.65	-
3090	182	-	-	-	-	-
3091	357	-	-	-	-	-
3092	514	-	-	-	-	-
3093	1406	1426	-	1.41	1.43	-
3094	63	-	-	-	-	-
3095	765	-	-	-	-	-
3096	278	-	-	-	-	-
3097	303	-	-	-	-	-
3098	7	-	-	-	-	-
3099	9	-	-	-	-	-
3100	5	-	-	-	-	-
3101	2	-	-	-	-	-
3102	12	-	-	-	-	-

One assay ton portion used.

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## Geochemical Analysis Certificate

8W-1338-RG1

Company: **T.OBRADOVICH**  
Project: OKA  
Attn: T.Obradovich

Date: MAY-27-98

We hereby certify the following Geochemical Analysis of 74 Split Core samples submitted MAY-25-98 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
3103	5	-	-	-	-	-
3104	5	-	-	-	-	-
3105	2	-	-	-	-	-
3106	Nil	-	-	-	-	-
3107	3	-	-	-	-	-
3108	Nil	-	-	-	-	-
3109	36	-	-	-	-	-
3110	48	-	-	-	-	-
3111	33	-	-	-	-	-
3112	2	-	-	-	-	-
3113	213	206	-	-	-	-
3114	72	-	-	-	-	-
3115	67	-	-	-	-	-
3116	159	-	-	-	-	-

One assay ton portion used.

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## Geochemical Analysis Certificate

8W-1357-RG1

Company: **T. OBRADOVICH**  
Project: OKA  
Attn: T. Obradovich

Date: MAY-28-98

We hereby certify the following Geochemical Analysis of 83 Core samples submitted MAY-26-98 by .

Sample Number	Au PPB	Au Check PPB
3117	65	-
3118	46	-
3119	24	-
3120	58	-
3121	274	257
3122	38	-
3123	230	-
3124	120	-
3125	163	-
3126	60	-
3127	19	-
3128	327	-
3129	165	-
3130	89	-
3131	135	-
3132	103	-
3133	698	775
3134	794	855
3135	348	-
3136	79	-
3137	240	-
3138	72	-
3139	216	-
3140	468	-
3141	105	96
3142	70	-
3143	87	-
3144	290	-
3145	149	-
3146	158	-

One assay ton portion used.

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## Geochemical Analysis Certificate

8W-1357-RG1

Company: **T. OBRADOVICH**  
Project: OKA  
Attn: T. Obradovich

Date: MAY-28-98

We hereby certify the following Geochemical Analysis of 83 Core samples submitted MAY-26-98 by .

Sample Number	Au PPB	Au Check PPB
3147	171	-
3148	202	-
3149	127	-
3150	267	-
3151	600	617
3152	502	-
3153	586	583
3154	273	-
3155	103	-
3156	327	-
3157	435	-
3158	106	-
3159	369	-
3160	82	-
3161	298	-
3162	555	-
3163	725	662
3164	50	-
3165	10	-
3166	9	-
3167	2	-
3168	171	-
3169	216	-
3170	291	300
3171	65	-
3172	127	-
3173	79	-
3174	53	-
3175	41	-
3176	60	-

One assay ton portion used.

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## Geochemical Analysis Certificate

8W-1357-RG1

Company: **T. OBRADOVICH**

Date: MAY-28-98

Project: OKA

Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 83 Core samples submitted MAY-26-98 by .

Sample Number	Au PPB	Au Check PPB
3177	94	-
3178	93	-
3179	81	-
3180	24	-
3181	36	-
3182	696	759
3183	115	-
3184	156	-
3185	187	-
3186	411	-
3187	168	-
3188	216	-
3189	190	-
3190	405	399
3191	70	-
3192	195	-
3193	48	-
3194	14	-
3195	67	-
3196	101	-
3197	27	-
3198	593	506
3199	158	-

One assay ton portion used.

Certified by Denis Chahar



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## Geochemical Analysis Certificate

8W-1366-RG1

Company: **T. OBRADOVICH**

Date: MAY-29-98

Project: OKA

Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 28 Split Core samples submitted MAY-27-98 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
3200	933	-	-	-	-	-
3201	422	-	-	-	-	-
3202	228	-	-	-	-	-
3203	1603	1641	-	1.60	1.64	-
3204	902	-	-	-	-	-
3205	669	-	-	-	-	-
3206	573	-	-	-	-	-
3207	125	-	-	-	-	-
3208	250	-	-	-	-	-
3209	477	-	-	-	-	-
3210	190	-	-	-	-	-
3211	381	-	-	-	-	-
3212	219	-	-	-	-	-
3213	5143	5074	5863	5.14	5.07	5.86
3214	410	-	-	-	-	-
3215	221	-	-	-	-	-
3216	293	-	-	-	-	-
3217	158	-	-	-	-	-
3218	262	-	-	-	-	-
3219	814	-	-	-	-	-
3220	183	-	-	-	-	-
3221	638	-	-	-	-	-
3222	3518	3497	3669	3.52	3.50	3.67
3223	1010	-	-	1.01	-	-
3224	483	-	-	-	-	-
3225	1685	1704	-	1.69	1.70	-
3226	547	-	-	-	-	-
3227	446	-	-	-	-	-

One assay ton portion used.

Certified by Denis Chantre



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8W-1386-RG1

## Geochemical Analysis Certificate

Date: JUN-01-98

Company: **T. OBRADOVICH**  
Project: OKA  
Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 39 Core samples submitted MAY-28-98 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
3228	1277	-	-	1.28	-	-
3229	1536	1406	-	1.54	1.41	-
3230	111	-	-	-	-	-
3231	103	-	-	-	-	-
3232	175	-	-	-	-	-
3233	831	-	-	-	-	-
3234	504	-	-	-	-	-
3235	219	-	-	-	-	-
3236	684	-	-	-	-	-
3237	10560	10697	11383	10.56	10.70	11.38
3238	1680	-	-	1.68	-	-
3239	7611	7680	7646	7.61	7.68	7.65
3240	1303	1269	-	1.30	1.27	-
3241	2503	-	-	2.50	-	-
3242	177	-	-	-	-	-
3243	51	-	-	-	-	-
3244	225	-	-	-	-	-
3245	72	-	-	-	-	-
3246	130	-	-	-	-	-
3247	132	-	-	-	-	-
3248	134	-	-	-	-	-
3249	142	-	-	-	-	-
3250	53	-	-	-	-	-
3251	33	-	-	-	-	-
3252	190	-	-	-	-	-
3253	291	281	-	-	-	-
3254	50	-	-	-	-	-
3255	6	-	-	-	-	-
3256	34	-	-	-	-	-
3257	142	-	-	-	-	-

One assay ton portion used.

Certified by Denis Chantre





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## Geochemical Analysis Certificate

8W-1386-RG1

Company: **T. OBRADOVICH**

Date: JUN-01-98

Project: OKA

Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 39 Core samples submitted MAY-28-98 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
3258	905	-	-	-	-	-
3259	732	-	-	-	-	-
3260	633	-	-	-	-	-
3261	125	-	-	-	-	-
3262	2366	2503	-	2.37	2.50	-
3263	113	-	-	-	-	-
3264	225	216	-	-	-	-
3265	314	-	-	-	-	-
3266	4766	4834	-	4.77	4.83	-

One assay ton portion used.

Certified by 



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8W-1387-RG1

## Geochemical Analysis Certificate

Date: JUN-01-98

Company: **T. OBRADOVICH**

Project: **OKA**

Attn: **T. Obradovich**

We hereby certify the following Geochemical Analysis of 38 Core samples submitted MAY-28-98 by .

Sample Number	Au PPB	Au Check PPB	Au g/tonne	Au Check g/tonne
3267	274	-	-	-
3268	2174	2266	2.17	2.27
3269	514	-	-	-
3270	545	703	-	-
3271	63	-	-	-
3272	283	-	-	-
3273	290	-	-	-
3274	255	-	-	-
3275	535	-	-	-
3276	43	-	-	-
3277	189	-	-	-
3278	58	-	-	-
3279	1150	1140	1.15	1.14
3280	75	-	-	-
3281	170	-	-	-
3282	207	-	-	-
3283	55	-	-	-
3284	26	-	-	-
3285	151	-	-	-
3286	89	-	-	-
3287	117	-	-	-
3288	166	-	-	-
3289	103	-	-	-
3290	33	-	-	-
3291	288	273	-	-
3292	45	-	-	-
3293	77	-	-	-
3294	326	-	-	-
3295	111	-	-	-
3296	163	-	-	-

One assay ton portion used.

Certified by *Dennis Chantre*



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8W-1387-RG1

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## Geochemical Analysis Certificate

Company: **T. OBRADOVICH**

Project: OKA

Attn: T. Obradovich

Date: JUN-01-98

We hereby certify the following Geochemical Analysis of 38 Core samples submitted MAY-28-98 by .

Sample Number	Au PPB	Au Check PPB	Au g/tonne	Au Check g/tonne
3297	504	454	-	-
3298	353	-	-	-
3299	363	-	-	-
3300	485	-	-	-
3301	821	816	-	-
3302	48	-	-	-
3303	46	-	-	-
3304	240	-	-	-

One assay ton portion used.

Certified by Denis Charle



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## Geochemical Analysis Certificate

8W-1406-RG1

Company: **T. OBRADOVICH**  
Project: OKA  
Attn: T. Obradovich

Date: JUN-02-98

We hereby certify the following Geochemical Analysis of 50 Split Core samples submitted MAY-29-98 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
3305	387	-	-	-	-	-
3306	141	142	-	-	-	-
3307	87	-	-	-	-	-
3308	255	-	-	-	-	-
3309	147	-	-	-	-	-
3310	473	-	-	-	-	-
3311	170	-	-	-	-	-
3312	326	-	-	-	-	-
3313	228	-	-	-	-	-
3314	2331	2434	-	2.33	2.43	-
3315	2126	1851	-	2.13	1.85	-
3316	122	-	-	-	-	-
3317	235	-	-	-	-	-
3318	38	-	-	-	-	-
3319	93	-	-	-	-	-
3320	55	-	-	-	-	-
3321	87	-	-	-	-	-
3322	108	-	-	-	-	-
3323	214	-	-	-	-	-
3324	58	-	-	-	-	-
3325	106	-	-	-	-	-
3326	29	-	-	-	-	-
3327	31	-	-	-	-	-
3328	86	-	-	-	-	-
3329	1119	-	-	1.12	-	-
3330	2023	-	-	2.02	-	-
3331	3051	3017	-	3.05	3.02	-
3332	960	-	-	-	-	-
3333	382	-	-	-	-	-
3334	1243	-	-	1.24	-	-

One assay ton portion used.

Certified by Denis Chantre



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## Geochemical Analysis Certificate

8W-1406-RG1

Company: **T. OBRADOVICH**

Date: JUN-02-98

Project: OKA

Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 50 Split Core samples submitted MAY-29-98 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
3335	482	-	-	-	-	-
3336	2863	2400	-	2.86	2.40	-
3337	243	-	-	-	-	-
3338	830	-	-	-	-	-
3339	399	-	-	-	-	-
3340	24789	22732	19029	24.79	22.73	19.03
3341	134	-	-	-	-	-
3342	338	-	-	-	-	-
3343	125	-	-	-	-	-
3344	254	-	-	-	-	-
3345	336	214	-	-	-	-
3346	161	-	-	-	-	-
3347	69	-	-	-	-	-
3348	2	-	-	-	-	-
3349	201	-	-	-	-	-
3350	1371	-	-	-	-	-
3351	470	463	-	-	-	-
3352	624	-	-	-	-	-
3353	399	-	-	-	-	-
3354	751	-	-	-	-	-

One assay ton portion used.

Certified by Denis Chato



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## Geochemical Analysis Certificate

8W-1407-RG1

Company: **T. OBRADOVICH**

Date: JUN-02-98

Project: **OKA**

Att: **T. Obradovich**

We hereby certify the following Geochemical Analysis of 56 Split Core samples submitted MAY-29-98 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
3355	840	-	-	-	-	-
3356	451	-	-	-	-	-
3357	1029	-	-	1.03	-	-
3358	338	-	-	-	-	-
3359	276	247	-	-	-	-
3360	98	-	-	-	-	-
3361	403	-	-	-	-	-
3362	322	-	-	-	-	-
3363	331	-	-	-	-	-
3364	926	-	-	-	-	-
3365	137	171	-	-	-	-
3366	1303	-	-	1.30	-	-
3367	504	-	-	-	-	-
3368	22	-	-	-	-	-
3369	120	-	-	-	-	-
3370	60	-	-	-	-	-
3371	103	-	-	-	-	-
3372	147	-	-	-	-	-
3373	118	-	-	-	-	-
3374	149	-	-	-	-	-
3375	255	-	-	-	-	-
3376	350	-	-	-	-	-
3377	137	-	-	-	-	-
3378	125	-	-	-	-	-
3379	84	-	-	-	-	-
3380	871	686	-	-	-	-
3381	343	-	-	-	-	-
3382	288	-	-	-	-	-
3383	336	-	-	-	-	-
3384	353	-	-	-	-	-

One assay ton portion used.

Certified by Denis Chantre



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A Division of Assayers Corporation Ltd.

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## Geochemical Analysis Certificate

8W-1407-RG1

Company: **T. OBRADOVICH**  
Project: **OKA**  
Attn: **T. Obradovich**

Date: JUN-02-98

We hereby certify the following Geochemical Analysis of 56 Split Core samples submitted MAY-29-98 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
3385	379	-	-	-	-	-
3386	106	-	-	-	-	-
3387	79	-	-	-	-	-
3388	336	-	-	-	-	-
3389	84	-	-	-	-	-
3390	118	-	-	-	-	-
3391	190	182	-	-	-	-
3392	857	-	-	-	-	-
3393	696	-	-	-	-	-
3394	5	-	-	-	-	-
3395	2	-	-	-	-	-
3396	293	-	-	-	-	-
3397	953	-	-	-	-	-
3398	2091	2263	-	2.09	2.26	-
3399	1577	-	-	1.58	-	-
3400	432	-	-	-	-	-
3401	257	-	-	-	-	-
3402	288	-	-	-	-	-
3403	166	-	-	-	-	-
3404	163	-	-	-	-	-
3405	350	-	-	-	-	-
3406	3429	3840	-	3.43	3.84	-
3407	2880	-	-	2.88	-	-
3408	5931	5691	5520	5.93	5.69	5.52
3409	1138	-	-	1.14	-	-
3410	482	-	-	-	-	-

One assay ton portion used.

Certified by *Dennis Chantler*



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## Geochemical Analysis Certificate

8W-1420-RG1

Company: **T. OBRADOVICH**

Date: JUN-03-98

Project: OKA

Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 68 Core samples submitted MAY-31-98 by .

Sample Number	Au PPB	Au Check PPB	Au g/tonne	Au Check g/tonne
3411	206	-	-	-
3412	535	-	-	-
3413	2949	2914	2.95	2.91
3414	586	-	-	-
3415	549	-	-	-
3416	279	-	-	-
3417	271	-	-	-
3418	411	-	-	-
3419	358	-	-	-
3420	1474	1611	1.47	1.61
3421	590	-	-	-
3422	96	-	-	-
3423	72	-	-	-
3424	26	-	-	-
3425	41	-	-	-
3426	216	-	-	-
3427	309	285	-	-
3428	201	-	-	-
3429	528	-	-	-
3430	175	-	-	-
3431	77	-	-	-
3432	45	-	-	-
3433	Nil	-	-	-
3434	38	-	-	-
3435	122	-	-	-
3436	267	247	-	-
3437	166	-	-	-
3438	58	-	-	-
3439	125	-	-	-
3440	180	-	-	-

One assay ton portion used.

Certified by

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705)642-3244 Fax (705)642-3300





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## Geochemical Analysis Certificate

8W-1420-RG1

Company: **T. OBRADOVICH**  
Project: **OKA**  
Attn: **T. Obradovich**

Date: JUN-03-98

We hereby certify the following Geochemical Analysis of 68 Core samples submitted MAY-31-98 by .

Sample Number	Au PPB	Au Check PPB	Au g/tonne	Au Check g/tonne
3441	183	178	-	-
3442	81	-	-	-
3443	257	-	-	-
3444	230	-	-	-
3445	377	-	-	-
3446	665	-	-	-
3447	1029	-	1.03	-
3448	691	-	-	-
3449	823	-	-	-
3450	1119	960	1.12	-
3451	521	-	-	-
3452	811	-	-	-
3453	240	-	-	-
3454	394	-	-	-
3455	926	-	-	-
3456	679	-	-	-
3457	211	-	-	-
3458	470	-	-	-
3459	274	-	-	-
3460	158	-	-	-
3461	254	-	-	-
3462	65	-	-	-
3463	429	429	-	-
3464	113	-	-	-
3465	69	-	-	-
3466	91	-	-	-
3467	516	-	-	-
3468	453	504	-	-
3469	465	-	-	-
3470	444	-	-	-

One assay ton portion used.

Certified by



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## Geochemical Analysis Certificate

8W-1420-RG1

Company: **T. OBRADOVICH**  
Project: **OKA**  
Attn: **T. Obradovich**

Date: JUN-03-98

We hereby certify the following Geochemical Analysis of 68 Core samples submitted MAY-31-98 by .

Sample Number	Au PPB	Au Check PPB	Au g/tonne	Au Check g/tonne
3471	266	-	-	-
3472	101	-	-	-
3473	286	-	-	-
3474	838	-	-	-
3475	1234	-	1.23	-
3476	576	-	-	-
3477	315	-	-	-
3478	381	386	-	-

2.19442

One assay ton portion used.

Certified by 



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8W-1421-RG1

Date: JUN-04-98

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## Geochemical Analysis Certificate

Company: **T. OBRADOVICH**  
Project: OKA  
Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 63 Core samples submitted MAY-31-98 by .

Sample Number	Au PPB	Au Check PPB	Au g/tonne	Au Check g/tonne
3479	730	886	-	-
3480	218	-	-	-
3481	68	-	-	-
3482	319	-	-	-
3483	75	-	-	-
3484	21	-	-	-
3485	50	-	-	-
3486	14	-	-	-
3487	21	-	-	-
3488	665	573	-	-
3489	63	-	-	-
3490	146	-	-	-
3491	399	-	-	-
3492	21	-	-	-
3493	150	-	-	-
3494	51	-	-	-
3495	129	-	-	-
3496	122	-	-	-
3497	141	-	-	-
3498	461	-	-	-
3499	881	789	-	-
3500	156	-	-	-
9001	687	718	-	-
9002	723	-	-	-
9003	962	-	-	-
9004	441	-	-	-
9005	382	-	-	-
9006	1653	1493	1.65	1.49
9007	135	-	-	-
9008	380	-	-	-

One assay ton portion used.

Certified by Denis Chantre



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## Geochemical Analysis Certificate

8W-1421-RG1

Company: **T. OBRADOVICH**

Date: JUN-04-98

Project: OKA

Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 63 Core samples submitted MAY-31-98 by .

Sample Number	Au PPB	Au Check PPB	Au g/tonne	Au Check g/tonne
9009	209	-	-	-
9010	694	-	-	-
9011	1334	1125	1.33	1.13
9012	351	410	-	-
9013	242	-	-	-
9014	442	-	-	-
9015	204	-	-	-
9016	86	-	-	-
9017	206	-	-	-
9018	298	-	-	-
9019	302	-	-	-
9020	195	-	-	-
9021	387	348	-	-
9022	190	-	-	-
9023	420	-	-	-
9024	3	-	-	-
9025	2	-	-	-
9026	5	-	-	-
9027	2	-	-	-
9028	14	-	-	-
9029	2	-	-	-
9030	19	-	-	-
9031	50	-	-	-
9032	65	67	-	-
9033	115	-	-	-
9034	60	-	-	-
9035	53	-	-	-
9036	31	-	-	-
9037	41	-	-	-
9038	22	-	-	-

One assay ton portion used.

Certified by Denis Chantre



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## Geochemical Analysis Certificate

8W-1421-RG1

Company: **T. OBRADOVICH**

Date: JUN-04-98

Project: **OKA**

Attn: **T. Obradovich**

We hereby certify the following Geochemical Analysis of 63 Core samples submitted MAY-31-98 by .

Sample Number	Au PPB	Au Check PPB	Au g/tonne	Au Check g/tonne
9039	Ni 1	-	-	-
9040	7	-	-	-
9041	2	-	-	-

One assay ton portion used.

Certified by Denis Charbon



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8W-1443-RG1

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## Geochemical Analysis Certificate

Company: **T. OBRADOVICH**

Project: OKA

Attn: T. Obradovich

Date: JUN-05-98

We hereby certify the following Geochemical Analysis of 45 Core samples submitted JUN-02-98 by .

Sample Number	Au PPB	Au Check PPB	Au g/tonne	Au Check g/tonne
9042	10	-	-	-
9043	10	-	-	-
9044	12	-	-	-
9045	Nil	-	-	-
9046	10	5	-	-
9047	3	-	-	-
9048	19	-	-	-
9049	29	-	-	-
9050	79	-	-	-
9051	81	-	-	-
9052	307	427	-	-
9053	197	-	-	-
9054	259	-	-	-
9055	600	-	-	-
9056	375	-	-	-
9057	291	-	-	-
9058	86	-	-	-
9059	15	-	-	-
9060	1131	1337	1.13	1.34
9061	98	-	-	-
9062	1851	1440	1.85	1.44
9063	249	-	-	-
9064	369	-	-	-
9065	617	-	-	-
9066	130	-	-	-
9067	218	-	-	-
9068	142	-	-	-
9069	322	-	-	-
9070	1097	-	1.10	-
9071	681	-	-	-

One assay ton portion used.

Certified by *Dennis Chantre*



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## Geochemical Analysis Certificate

8W-1443-RG1

Company: **T. OBRADOVICH**

Project: OKA

Attn: T. Obradovich

Date: JUN-05-98

We hereby certify the following Geochemical Analysis of 45 Core samples submitted JUN-02-98 by .

Sample Number	Au PPB	Au Check PPB	Au g/tonne	Au Check g/tonne
9072	9	-	-	-
9073	10	-	-	-
9074	686	801	-	-
9075	274	-	-	-
9076	333	-	-	-
9077	274	-	-	-
9078	267	-	-	-
9079	281	317	-	-
9080	86	-	-	-
9081	79	-	-	-
9082	94	-	-	-
9083	1097	987	1.10	-
9084	338	-	-	-
9085	77	-	-	-
9086	115	-	-	-
9087 Not Rec'd	-	-	-	-

One assay ton portion used.

Certified by Denis Chantre



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## Geochemical Analysis Certificate

8W-1482-RG1

Company: **T. OBRADOVICH**  
Project: OKA  
Attn: T Obradovich

Date: JUN-09-98

We hereby certify the following Geochemical Analysis of 15 Core samples submitted JUN-04-98 by .

Sample Number	Au PPB	Au Check PPB	Au g/tonne	Au Check g/tonne
9087	1680	1646	1.68	1.65
9088	67	-	-	-
9089	75	-	-	-
9090	3	-	-	-
9091	82	-	-	-
9092	250	-	-	-
9093	201	249	-	-
9094	429	-	-	-
9095	466	-	-	-
9096	185	-	-	-
9097	525	473	-	-
9098	46	-	-	-
9099	110	-	-	-
9100	24	-	-	-
9101	77	-	-	-

One assay ton portion used.

Certified by





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## Geochemical Analysis Certificate

8W-1483-RG1

Company: **T. OBRADOVICH**  
Project: M. C.  
Attn: T. Obradovich

Date: JUN-08-98

We hereby certify the following Geochemical Analysis of 6 Core samples submitted JUN-04-98 by .

Sample Number	Au PPB	Au Check PPB
35628	31	34
35629	15	-
35630	5	-
35631	15	-
35632	3	-
35633	3	-

One assay ton portion used.

Certified by *Denis Chantre*



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## Assay Certificate

Hole 50-98-17

8W-1579-RA1

Company: **T. OBRADOVICH**  
 Project: **OKA**  
 Ann: **T. Obadovich**

Date: JUN-16-98

We hereby certify the following Assay of 77 Core samples  
 submitted JUN-12-98 by .

Sample Number	Au PPB	Au Check PPB	Au g/tonne	Au Check g/tonne
9102	24	-	-	-
9103	63	-	-	-
9151	43	-	-	-
9152	254	-	-	-
9153	591	627	-	-
9154	686	-	-	-
9155	305	-	-	-
9156	26	-	-	-
9157	Nil	-	-	-
9158	34	-	-	-
9159	53	-	-	-
9160	17	-	-	-
9161	58	-	-	-
9162	15	-	-	-
9163	19	-	-	-
9164	185	-	-	-
9165	26	10	-	-
9166	144	-	-	-
9167	367	-	-	-
9168	346	-	-	-
9169	53	-	-	-
9170	137	-	-	-
9171	540	-	-	-
9172	75	-	-	-
9173	163	-	-	-
9174	737	720	-	-
9175	1003	989	1.00	0.99
9176	14	-	-	-
9177	87	-	-	-
9178	58	-	-	-

One assay ton portion used.

Certified by



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## Assay Certificate

8W-1579-RA1

Company: **T. OBRADOVICH**  
 Project: **OKA**  
 Attn: **T. Obadovich**

Date: JUN-16-98

We hereby certify the following Assay of 77 Core samples submitted JUN-12-98 by .

Sample Number	Au PPB	Au Check PPB	Au g/tonne	Au Check g/tonne
9179	17	-	-	-
9180	36	-	-	-
9181	219	235	-	-
9182	5	-	-	-
9183	43	-	-	-
9184	86	-	-	-
9185	137	-	-	-
9186	33	-	-	-
9187	113	84	-	-
9188	9	-	-	-
9189	10	-	-	-
9190	15	-	-	-
9191	519	557	-	-
9192	125	-	-	-
9193	573	-	-	-
9194	677	651	-	-
9195	65	-	-	-
9196	48	-	-	-
9197	27	-	-	-
9198	62	-	-	-
9199	14	-	-	-
9200	19	-	-	-
9201	19	-	-	-
9202	15	-	-	-
9203	14	-	-	-
9204	15	-	-	-
9205	33	-	-	-
9206	70	-	-	-
9207	9	-	-	-
9208	36	-	-	-

One assay ton portion used.

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## Assay Certificate

8W-1579-RA1

Company: **T. OBRADOVICH**  
 Project: **OKA**  
 Attn: **T. Obadovich**

Date: JUN-16-98

We hereby certify the following Assay of 77 Core samples  
 submitted JUN-12-98 by .

Sample Number	Au PPB	Au Check PPB	Au g/tonne	Au Check g/tonne
9209	33	-	-	-
9210	14	-	-	-
9211	24	-	-	-
9212	33	-	-	-
9213	19	27	-	-
9214	94	-	-	-
9215	43	34	-	-
9216	27	-	-	-
9217	81	-	-	-
9218	29	-	-	-
9219	22	-	-	-
9220	43	-	-	-
9221	19	14	-	-
9222	19	-	-	-
9223	Nil	-	-	-
9224	36	-	-	-
9225	2	-	-	-

One assay ton portion used.

Certified by



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## Assay Certificate

8W-1587-RA1

Company: **T. OBRADOVICH**  
 Project: **OKA**  
 Attn: **T.Obradovich**

Date: JUN-16-98

We hereby certify the following Assay of 34 Core samples submitted JUN-13-98 by .

Sample Number	Au PPB	Au Check PPB	Au g/tonne	Au Check g/tonne
9226	17	-	-	-
9227	22	-	-	-
9228	146	-	-	-
9229	119	-	-	-
9230	540	-	-	-
9231	1143	1185	1.14	1.19
9232	26	-	-	-
9233	15	-	-	-
9234	1133	-	1.13	-
9235	19	-	-	-
9236	31	-	-	-
9237	7	-	-	-
9238	10	-	-	-
9239	132	-	-	-
9240	1269	1327	1.27	1.33
9241	1053	859	1.05	0.86
9242	153	-	-	-
9243	12	-	-	-
9244	57	-	-	-
9245	394	-	-	-
9246	550	483	-	-
9247	501	-	-	-
9248	250	-	-	-
9249	435	405	-	-
9250	43	-	-	-
9251	77	-	-	-
9252	89	-	-	-
9253	118	-	-	-
9254	21	-	-	-
9255	58	-	-	-

One assay ton portion used.

Certified by



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## Assay Certificate

8W-1587-RA1

Company: **T. OBRADOVICH**  
 Project: OKA  
 Attn: T.Obradovich

Date: JUN-16-98

We hereby certify the following Assay of 34 Core samples  
 submitted JUN-13-98 by .

Sample Number	Au	Au Check	Au	Au Check
	PPB	PPB	g/tonne	g/tonne
9256	567	-	-	-
9257	96	-	-	-
9258	240	-	-	-
9259	115	122	-	-

One assay ton portion used.

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## Assay Certificate

8W-1617-RA1

Company: **T. OBRADOVICH**  
 Project: **OKA**  
 Assn: **T. Obradovich**

Date: JUN-18-98

We hereby certify the following Assay of 62 Core samples  
 submitted JUN-15-98 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
9260	185	-	-	-	-	-
9261	110	-	-	-	-	-
9262	195	-	-	-	-	-
9263	139	-	-	-	-	-
9264	60	-	-	-	-	-
9265	55	-	-	-	-	-
9266	58	48	-	-	-	-
9267	72	-	-	-	-	-
9268	41	-	-	-	-	-
9269	245	-	-	-	-	-
9270	430	-	-	-	-	-
9271	117	-	-	-	-	-
9272	161	153	-	-	-	-
9273	213	-	-	-	-	-
9274	111	-	-	-	-	-
9275	161	-	-	-	-	-
9276	118	-	-	-	-	-
9277	1320	1474	-	1.32	1.47	-
9278	89	-	-	-	-	-
9279	960	-	-	-	-	-
9280	2126	2194	-	2.13	2.19	-
9281	82	-	-	-	-	-
9282	2743	-	-	2.74	-	-
9283	7200	6274	6480	7.20	6.27	6.48
9284	151	-	-	-	-	-
9285	94	-	-	-	-	-
9286	3	-	-	-	-	-
9287	10	-	-	-	-	-
9288	151	-	-	-	-	-
9289	77	-	-	-	-	-

One assay ton portion used.

Certified by

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705)642-3244 Fax (705)642-3300



Established 1928

# Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 2 of 3

8W-1617-RA1

## Assay Certificate

Company: **T. OBRADOVICH**  
 Project: **OKA**  
 Attn: **T. Obradovich**

Date: JUN-18-98

We hereby certify the following Assay of 62 Core samples  
 submitted JUN-15-98 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
9290	22	-	-	-	-	-
9291	45	-	-	-	-	-
9292	2	-	-	-	-	-
9293	605	655	-	-	-	-
9294	81	-	-	-	-	-
9295	39	-	-	-	-	-
9296	45	-	-	-	-	-
9297	141	-	-	-	-	-
9298	142	-	-	-	-	-
9299	113	-	-	-	-	-
9300	689	583	-	-	-	-
9301	117	-	-	-	-	-
9302	94	-	-	-	-	-
9303	141	-	-	-	-	-
9304	57	-	-	-	-	-
9305	192	190	-	-	-	-
9306	82	-	-	-	-	-
9307	94	-	-	-	-	-
9308	77	-	-	-	-	-
9309	70	-	-	-	-	-
9310	60	-	-	-	-	-
9311	225	-	-	-	-	-
9312	535	-	-	-	-	-
9313	115	-	-	-	-	-
9314	189	-	-	-	-	-
9315	132	-	-	-	-	-
9316	159	-	-	-	-	-
9317	549	549	-	-	-	-
9318	182	-	-	-	-	-
9319	1509	-	-	1.51	-	-

One assay ton portion used.

Certified by





Established 1928

# Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 3 of 3

## Assay Certificate

8W-1617-RA1

Company: **T. OBRADOVICH**  
 Project: **OKA**  
 Ass: **T. Obradovich**

Date: JUN-18-98

We hereby certify the following Assay of 62 Core samples  
 submitted JUN-15-98 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
9320	375	-	-	-	-	-
9321	480	343	-	-	-	-

One assay ton portion used.

Certified by

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0  
 Telephone (705)642-3244 Fax (705)642-3300



Established 1928

# Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 1 of 4

## Assay Certificate

8W-1628-RA1

Company: **T. OBRADOVICH**  
 Project: **OKA**  
 Ann: **T. Obradovich**

Date: JUN-18-98

We hereby certify the following Assay of 97 Core samples  
 submitted JUN-16-98 by .

Sample Number	Au PPB	Au Check PPB	Multi Element	WRA
9322	27	19	Results	Results
9323	7	-	to	to
9324	14	-	follow	follow
9325	9	-		
9326	21	-		
9327	21	-		
9328	17	-		
9329	48	-		
9330	82	86		
9331	27	-		
9332	19	-		
9333	221	216		
9334	7	-		
9335	3	-		
9336	7	-		
9337	10	-		
9338	9	-		
9339	15	-		
9340	14	-		
9341	27	-		
9342	27	31		
9343	21	-		
9344	10	-		
9345	7	-		
9346	3	-		
9347	118	-		
9348	315	283		
9349	189	231		
9350	33	-		
9351	96	-		

Onc assay ton portion used.

Certified by



Established 1928

# Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 2 of 4

## Assay Certificate

8W-1628-RA1

Company: **T. OBRADOVICH**  
 Project: **OKA**  
 Assn: **T. Obradovich**

Date: JUN-18-98

We hereby certify the following Assay of 97 Core samples  
 submitted JUN-16-98 by .

Sample Number	Au PPB	Au Check PPB	Multi Element	WRA
9352	36	-		
9353	111	-		
9354	242	-		
9355	36	-		
9356	24	-		
9357	53	53		
9358	43	-		
9359	12	-		
9360	7	-		
9361	888	686		
9362	202	-		
9363	525	-		
9364	82	-		
9365	74	-		
9366	29	-		
9367	27	-		
9368	26	-		
9369	14	-		
9370	31	-		
9371	62	-		
9372	24	-		
9373	72	-		
9374	58	51		
9375	24	-		
9376	5	-		
9377	24	-		
9378	38	-		
9379	45	-		
9380	93	-		
9381	132	-		

One assay ton portion used.

Certified by



Established 1928

# Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 3 of 4

## Assay Certificate

8W-1628-RA1

Company: **T. OBRADOVICH**  
 Project: **OKA**  
 Attn: **T. Obradovich**

Date: JUN-18-98

We hereby certify the following Assay of 97 Core samples  
 submitted JUN-16-98 by .

Sample Number	Au PPB	Au Check PPB	Multi Element	WRA
9382	27	-	-	-
9383	22	-	-	-
9384	17	-	-	-
9385	45	36	-	-
9386	21	-	-	-
9387	45	-	-	-
9388	46	-	-	-
9389	36	-	-	-
9390	22	-	-	-
9391	Nil	-	-	-
9392	15	-	-	-
9393	24	-	-	-
9394	10	12	-	-
9395	12	-	-	-
9396	7	-	-	-
9397	7	-	-	-
9398	5	-	-	-
9399	7	-	-	-
9400	3	-	-	-
9401	2	-	-	-
9402	9	-	-	-
9403	26	-	-	-
9404	12	-	-	-
9405	19	15	-	-
9406	79	-	-	-
9407	7	-	-	-
9408	12	7	-	-
9409	5	-	-	-
9410	12	-	-	-
9411	31	-	-	-

One assay ton portion used.

Certified by



Established 1928

# Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 4 of 4

## Assay Certificate

8W-1628-RA1

Company: **T. OBRADOVICII**  
Project: **OKA**  
Attn: **T. Obradovich**

Date: JUN-18-98

We hereby certify the following Assay of 97 Core samples  
submitted JUN-16-98 by .

Sample Number	Au PPB	Au Check PPB	Multi Element	WRA -
9412	Nil	-		
9413	3	-		
9414	9	-		
9415	15	-		
9416	3	-		
9417	3	-		
9418	Nil	-		

One assay ton portion used.

Certified by



Established 1928

# Swastika Laboratories

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Assaying - Consulting - Representation

Page 1 of 3

8W-1646-RG1

## Geochemical Analysis Certificate

Company: **T. OBRADOVICH**  
 Project: **OKA**  
 Attn: **T. Obradovich**

Date: JUN-18-98

We hereby certify the following Geochemical Analysis of 81 Split Core samples submitted JUN-17-98 by .

Sample Number	Au PPB	Au Check PPB
9419	Nil	-
9420	Nil	-
9421	2	Nil
9422	2	-
9423	Nil	-
9424	Nil	-
9425	Nil	-
9426	Nil	-
9427	Nil	-
9428	Nil	-
9429	Nil	Nil
9430	Nil	-
9431	22	-
9432	27	-
9433	120	122
9434	125	-
9435	51	-
9436	24	-
9437	38	-
9438	21	-
9439	10	-
9440	2	-
9441	Nil	-
9442	Nil	-
9443	5	-
9444	9	-
9445	5	-
9446	125	108
9447	7	-
9448	5	-

One assay ton portion used.

Certified by



Established 1928

# Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 2 of 3

## Geochemical Analysis Certificate

8W-1646-RG1

Company: **T. OBRADOVICH**  
 Project: OKA  
 Attn: T. Obradovich

Date: JUN-18-98

We hereby certify the following Geochemical Analysis of 81 Split Core samples submitted JUN-17-98 by .

Sample Number	Au PPB	Au Check PPB
9449	Nil	-
9450	15	-
9451	14	-
9452	15	14
9453	19	-
9454	74	-
9455	262	-
9456	437	-
9457	81	-
9458	39	-
9459	99	105
9460	5	-
9461	10	-
9462	Nil	-
9463	19	-
9464	24	-
9465	55	-
9466	74	63
9467	22	-
9468	Nil	-
9469	21	-
9470	43	-
9471	197	-
9472	31	-
9473	111	-
9474	72	-
9475	7	-
9476	69	72
9477	51	-
9478	3	-

One assay ton portion used.

Certified by



Established 1928

# Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 3 of 3

## Geochemical Analysis Certificate

8W-1646-RG1

Company: **T. OBRADOVICH**  
 Project: **OKA**  
 Attn: **T. Obradovich**

Date: JUN-18-98

We hereby certify the following Geochemical Analysis of 81 Split Core samples submitted JUN-17-98 by .

Sample Number	Au PPB	Au Check PPB
9479	Nil	-
9480	31	-
9481	12	-
9482	5	-
9483	Nil	-
9484	14	-
9485	41	48
9486	67	-
9487	5	-
9488	36	-
9489	60	-
9490	69	-
9491	45	-
9492	34	-
9493	106	-
9494	50	-
9495	43	39
9496	15	-
9497	14	-
9498	31	-
9499	Nil	-

One assay ton portion used.

Certified by





Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use) W9980.00288 Assessment Files Research Imaging



Subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act assessment work and correspond with the mining land holder. Questions about Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury

41P15NE2011 2.19442 POWELL 900

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

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

Name SEDEX MINING CORP Client Number Address 1000-675 WEST HASTINGS STREET Telephone Number 604-685-2222 VANCOUVER, B.C. V6B 1N2 Fax Number 604-685-3764

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

Geotechnical: prospecting, surveys, assays and work under section 18 (regs) [ ] Physical: drilling stripping, trenching and associated assays [x] Rehabilitation [ ] Work Type DIAMOND DRILLING, ASSAYS Office Use Commodity Total \$ Value of Work Claimed 74,633 Dates Work Performed From 22 05 98 To 12 06 98 NTS Reference Mining Division Harder Lake Resident Geologist District Kirkland Lake

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 TODD KEAST Telephone Number (705) 235-2540 Address 1204 GRACE AVE, SOUTH PORCUPINE, ON Fax Number Name Address RECEIVED APR 28 1999 GEOSCIENCE ASSESSMENT OFFICE Telephone Number Fax Number

4. Certification by Recorded Holder or Agent

I, BOB BAILEY (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 Bob Bailey Date APRIL 28/99 Agent's Address 174 RENEE PLACE Telephone Number 705-268-9686 Fax Number 705-360-5866 TIMMINS, ON PAP 103



Ontario

Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use)

W9980 00288

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 8/96. 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
DIAMOND DRILLING	1042 METRES		48,119
ASSAYS			13,008
LABOUR - TECHNICIAN			6,726
CORE SPLITTER			
GEOLOGIST			3,306
<b>Associated Costs (e.g. supplies, mobilization and demobilization).</b>			
SUPPLIES			1200
<b>Transportation Costs</b>			
VEHICLE RENTAL			\$1500
FUEL			\$780
<b>Food and Lodging Costs</b>			
<b>Total Value of Assessment Work</b>			<b>74,633</b>

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:

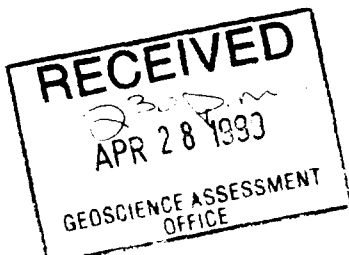
TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total \$ value of worked claimed.

**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, BOB BAILEY (please print full name), 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 AGENT I am authorized to make this certification.  
(recorded holder, agent, or state company position with signing authority)



Signature: Bob Bailey Date: April 28/99

2.19442

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.

W9980.00288

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
1	L-1221990	2		2400	
2	L-1221991	4		4800	
3	L-1222047	3		3600	
4	L-1213838	3		3600	
5	L-1225297	1		1200	
6	L-1206571	1		859	
7	L-1206572	1		859	
8	L-1206573	1		859	
9	L-1206574	1		860	
10	L-1206081	1		1200	
11	L-1206147	1		800	
12	L-1206148	1		800	
13	L-1206150	1		800	
14	L-1223271	2	74,633	1600	32,237
15	L-1223283	1		800	
16	L-1223284	1		800	
17	L-1223285	1		800	
18	L-1223286	1		800	
Column Totals				25,837	

I, \_\_\_\_\_, 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

Date

*Bob Paulley*

*April 28/99.*

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 prioritized 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

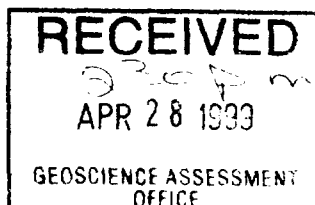
Date Approved

Total Value of Credit Approved

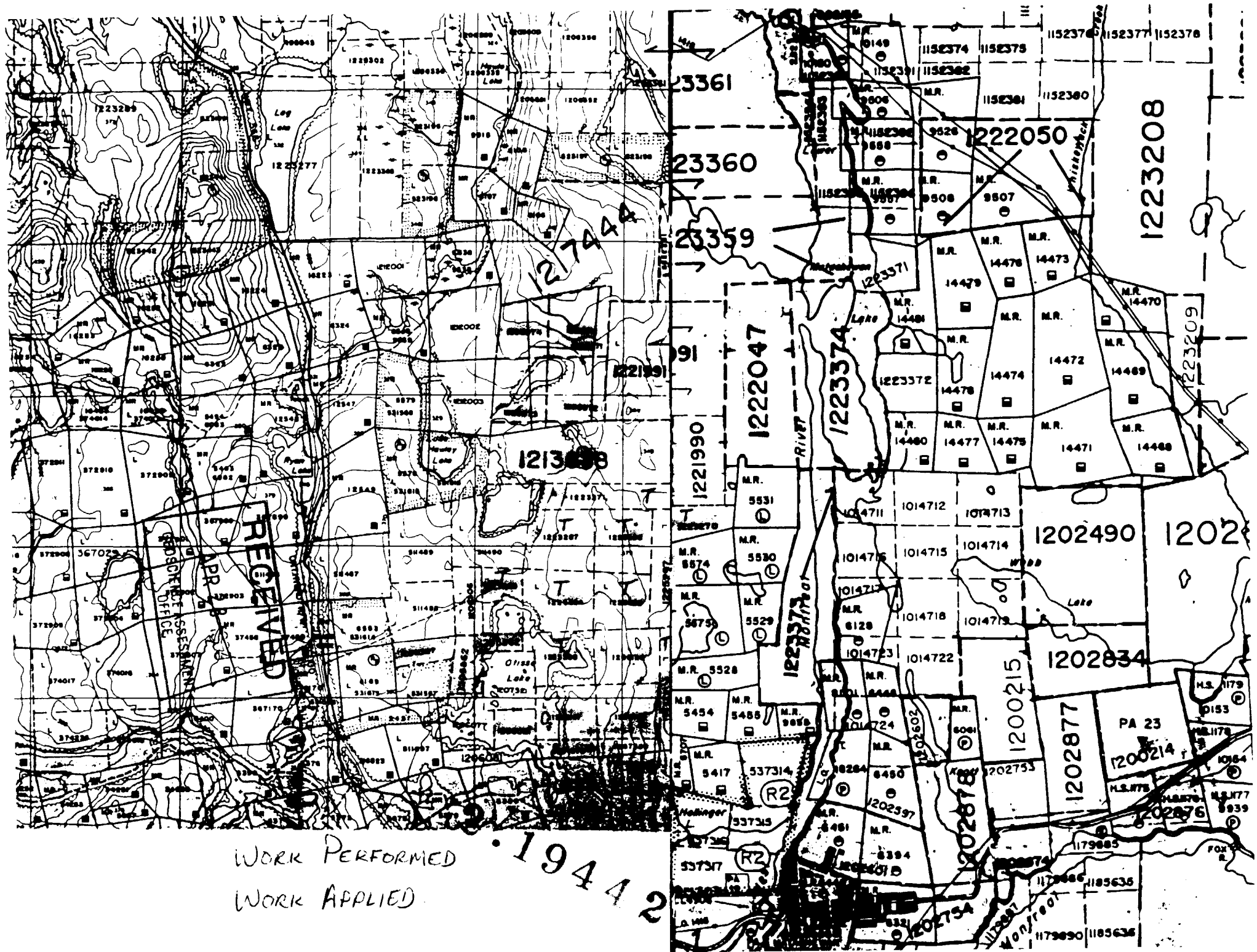
Approved for Recording by Mining Recorder (Signature)

0241 (03/97)

2.19442







WORK PERFORMED  
WORK APPLIED

1944



### Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use)
W9980.00289
Assessment Files Research Imaging

Personal information collected on this form is obtained under the authority of subsections 65(2) and 66(3) of the Mining Act. 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.

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

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

Name <b>SEDEX MINING CORP.</b>	Client Number
Address <b>1000-675 WEST HASTINGS STREET</b>	Telephone Number <b>604-685-2222</b>
<b>VANCOUVER, B.C. V6B 1N2</b>	Fax Number <b>604-685-3764</b>
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.

Geotechnical: prospecting, surveys, assays and work under section 18 (regs)       Physical: drilling stripping, trenching and associated assays       Rehabilitation

Work Type <b>DIAMOND DRILLING, ASSAYS</b>	Office Use
	Commodity
	Total \$ Value of Work Claimed <b>49,942</b>
Dates Work Performed From <b>30</b> Day <b>11</b> Month <b>96</b> Year To <b>01</b> Day <b>02</b> Month <b>97</b> Year	NTS Reference
Global Positioning System Data (if available)	Township/Area <b>POWELL TWP.</b>
	M or G-Plan Number <b>G-3218</b>
	Mining Division <b>Kirkland Lake</b>
	Resident Geologist District <b>Kirkland Lake</b>

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)

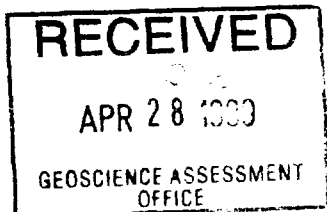
Name <b>TODD KEAST</b>	Telephone Number <b>705-235-2540</b>
Address <b>1204 GRACE AVE, SOUTH PORCUPINE, ON</b>	Fax Number
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

#### 4. Certification by Recorded Holder or Agent

I, **BOB BAILEY** (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 <i>Bob Bailey</i>	Date <b>APRIL 28/99</b>
Agent's Address <b>174 RENEE PLACE</b>	Telephone Number <b>705-268-9686</b>
	Fax Number <b>705-340-5866</b>

TIMMINS ON  
PAP 108



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.

W9980.00289

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	
1	L-1206147	1	5,395	1200	3,200	995
2	L-1206148	1	36,149	1200	20,450	14,549
3	L-1223285	1	8,398	1200	6,000	1,198
4	L-511486	1		1600		
5	L-511487	1		1600		
6	L-511488	1		1600		
7	L-511489	1		1600		
8	L-511490	1		1600		
9	L-1206571	1		1200		
10	L-1206572	1		1200		
11	L-1206573	1		1200		
12	L-1206574	1		1200		
13	L-1206081	1		1200		
14	L-1206150	1		1200		
15	L-1223271	2		2400		
16	L-1223283	1		1200		
17	L-1223284	1		1200		
18	L-1223286	1		1200		
Column Totals			49,942			

I, \_\_\_\_\_, 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

Date

*Bob Buley*

*April 28/99*

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 prioritized 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

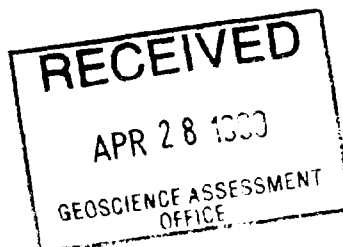
Date Notification Sent

Date Approved

Total Value of Credit Approved

Approved for Recording by Mining Recorder (Signature)

0241 (03/97)



14549





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
DIAMOND DRILLING	1551 METRES		\$ 73,815
ASSAYS			\$ 3,357
LABOUR-TECHNICIAN,			\$ 7,346
CORE SPLITTER			
GEOLOGIST			\$ 7,950
<b>Associated Costs (e.g. supplies, mobilization and demobilization).</b>			
SUPPLIES - CORE SPLITTER BLADES, RACKS, ETC.			\$ 3516
<b>Transportation Costs</b>			
VEHICLE RENTAL 2 VEHICLES			\$ 3000
FUEL			900
<b>Food and Lodging Costs</b>			
<b>Total Value of Assessment Work</b>			<b>99,884</b>

**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 99,884 x 0.50 = 49,942 Total \$ value of worked claimed.

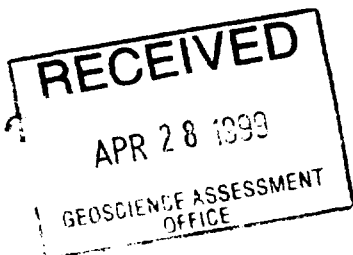
**Note:**

- 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, BOB BAILEY (please print full name), 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 AGENT I am authorized to make this certification.  
(recorded holder, agent, or state company position with signing authority)



Signature <u>Bob Bailey</u>	Date <u>April 28/99</u>
--------------------------------	----------------------------



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

Telephone: (888) 415-9846  
Fax: (877) 670-1555

July 14, 1999

THOMAS JOHN ELI OBRADOVICH  
P.O. BOX 1146  
KIRKLAND LAKE, Ontario  
P2N-3M7

Visit our website at:  
[www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm](http://www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm)

Dear Sir or Madam:

**Submission Number:** 2.19442

**Status**

**Subject: Transaction Number(s):**

W9980.00288	Approval
W9980.00289	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](mailto:bruce.gates@ndm.gov.on.ca) or by telephone at (705) 670-5856.

Yours sincerely,



ORIGINAL SIGNED BY  
Blair Kite  
Supervisor, Geoscience Assessment Office  
Mining Lands Section

# Work Report Assessment Results

**Submission Number:** 2.19442

**Date Correspondence Sent:** July 14, 1999

**Assessor:** Bruce Gates

<b>Transaction Number</b>	<b>First Claim Number</b>	<b>Township(s) / Area(s)</b>	<b>Status</b>	<b>Approval Date</b>
W9980.00288	1221990	POWELL	Approval	July 14, 1999

**Section:**

16 Drilling PDRILL

Assessment work credit has been redistributed, as outlined on the attached Distribution of Assessment Work Credit sheet, to better reflect the location of the work.

<b>Transaction Number</b>	<b>First Claim Number</b>	<b>Township(s) / Area(s)</b>	<b>Status</b>	<b>Approval Date</b>
W9980.00289	1206147	POWELL	Approval	July 14, 1999

**Section:**

16 Drilling PDRILL

# Work Report Assessment Results

---

**Submission Number:** 2.19442

**Correspondence to:**

Resident Geologist  
Kirkland Lake, ON

Assessment Files Library  
Sudbury, ON

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

Robert Bailey  
TIMMINS, ONTARIO, CANADA

THOMAS JOHN ELI OBRADOVICH  
KIRKLAND LAKE, Ontario

GINO PAUL CHITARONI  
COBALT, Ontario

FRED STAN KIERNICKI  
KIRKLAND LAKE, Ontario

ALCANEX LTD.  
MISSISSAUGA, ONTARIO

STEVEN WILLIAM STANWICK  
MATACHEWAN, Ontario

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# Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

**Date:** July 14, 1999

**Submission Number:** 2.19442

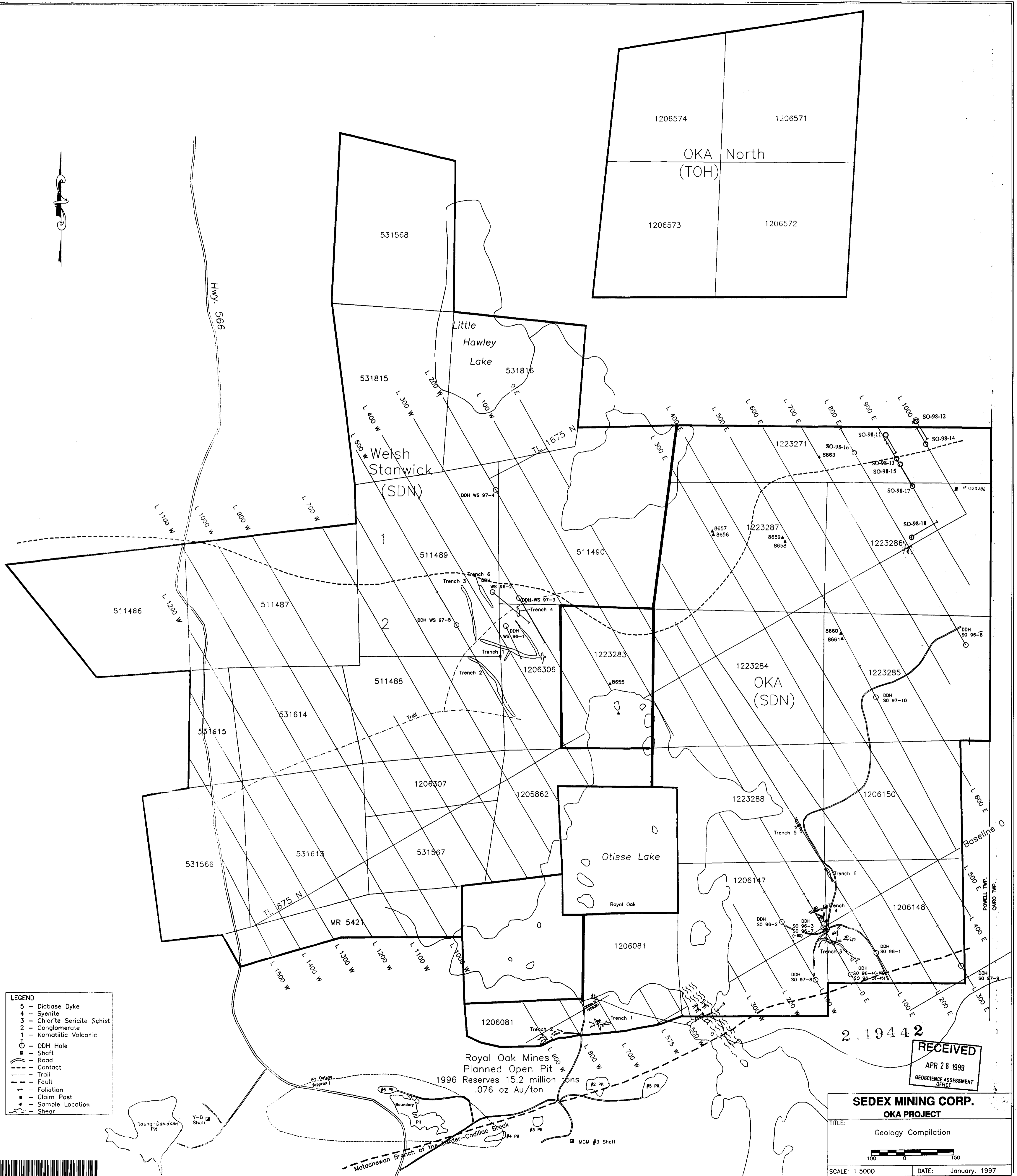
---

**Transaction Number:** W9980.00288

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1223271	61,383.00
1223286	13,250.00
<b>Total: \$</b>	<b>74,633.00</b>

---





- LEGEND**
- 5 - Diabase Dyke
  - 4 - Syenite
  - 3 - Chlorite Sericite Schist
  - 2 - Conglomerate
  - 1 - Komatiitic Volcanic
  - - DDH Hole
  - - Shaft
  - - Road
  - - - - Contact
  - - - - Trail
  - - - - Fault
  - - - - Foliation
  - ▲ - Claim Post
  - ▲ - Sample Location
  - - - - Shear

Royal Oak Mines  
Planned Open Pit  
1996 Reserves 15.2 million tons  
.076 oz Au/ton

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**SEDEX MINING CORP.**  
**OKA PROJECT**

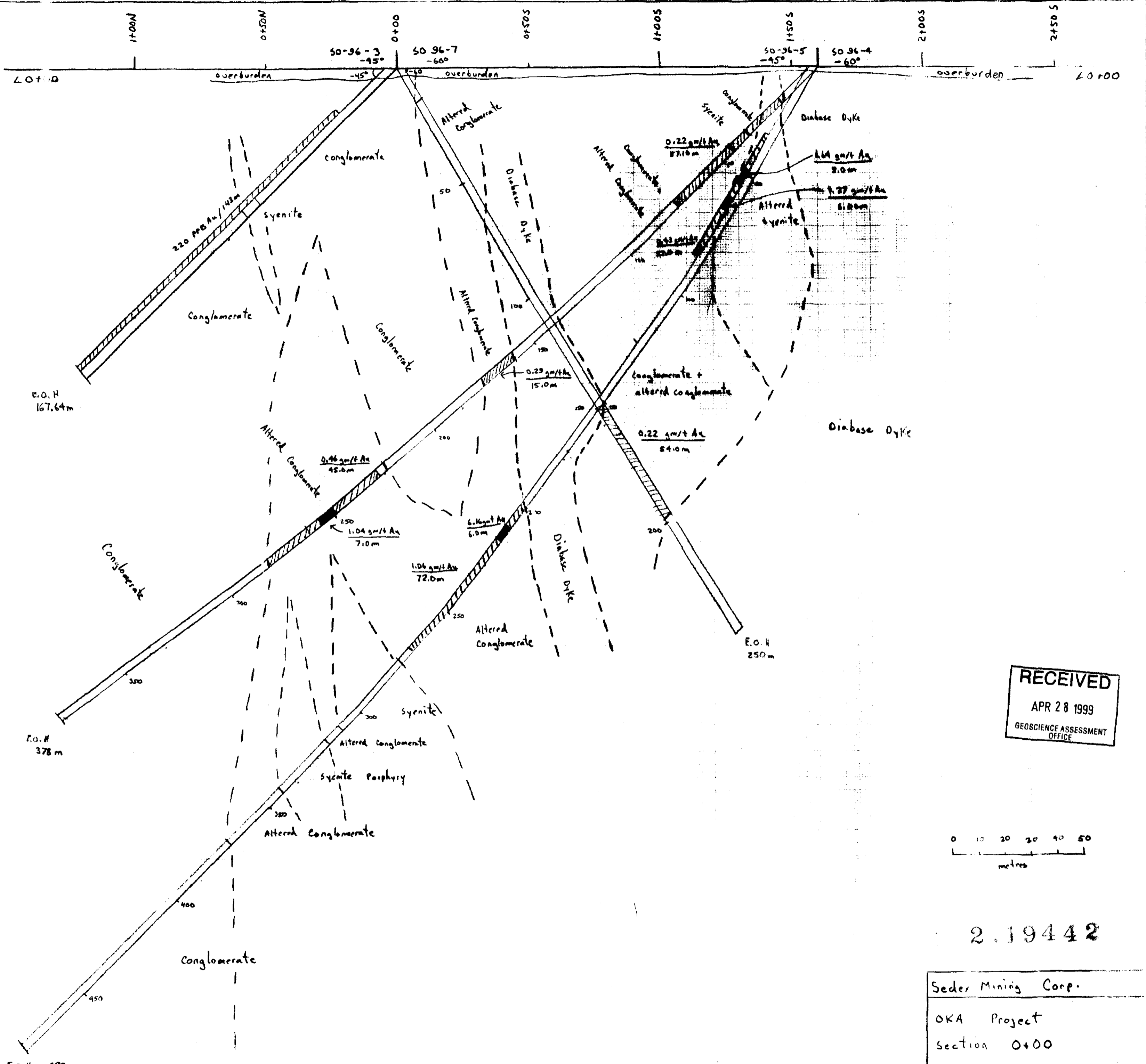
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SCALE: 1:5000      DATE: January, 1997

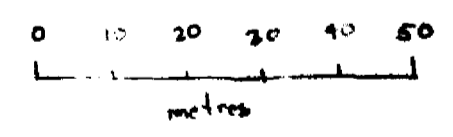


*John Kent*





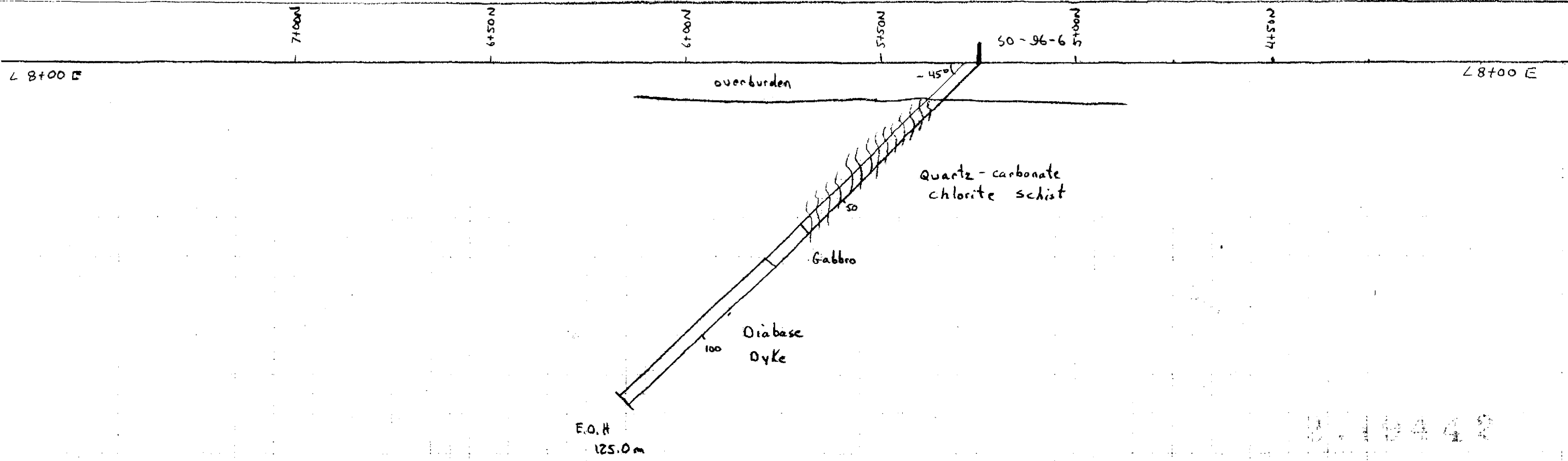
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2.19442

Seder Mining Corp.  
 OKA Project  
 section 0+00  
 DDH 50-96-3, 50-96-4,  
 50-96-5, 50-96-7  
 view East  
 scale 1:1000  
*Jack Kent*



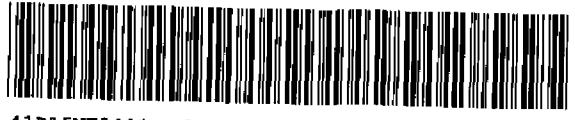


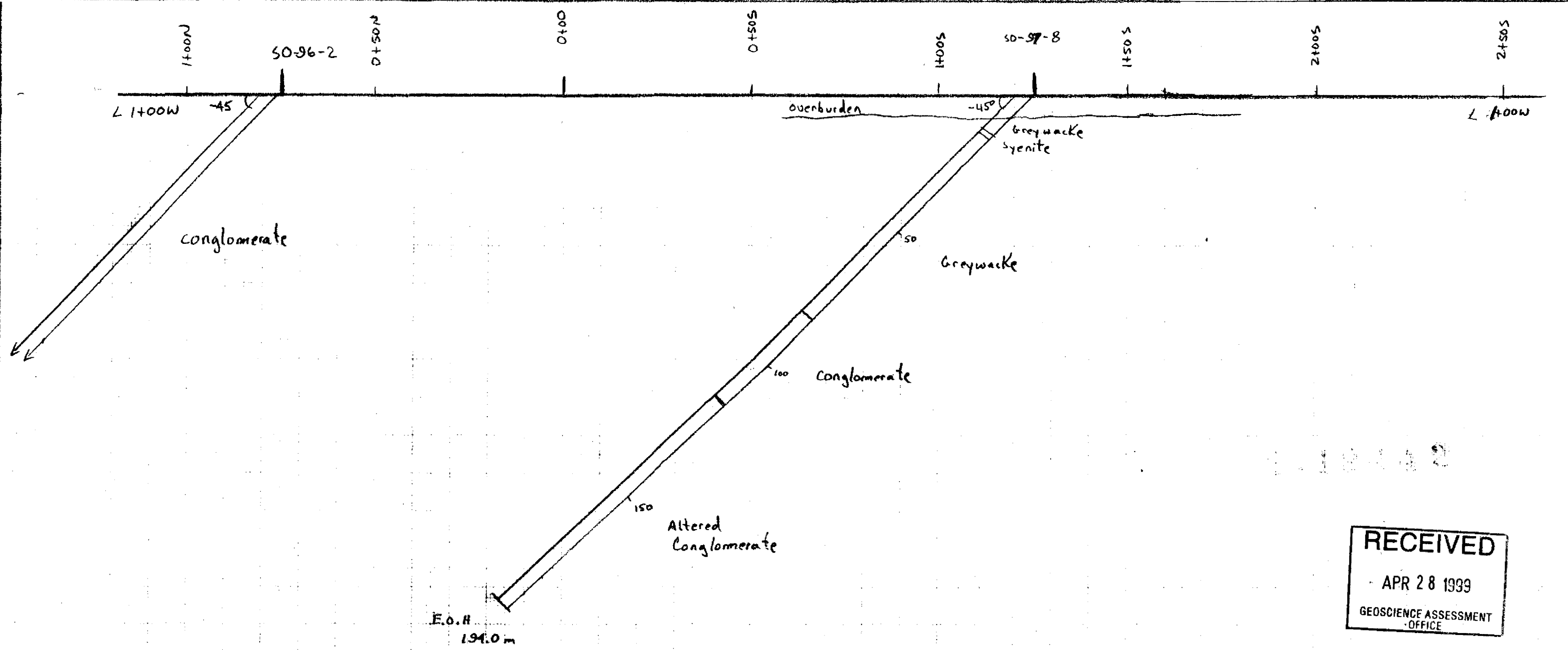
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Sedex Mining Corp.  
OKA Project  
Section 8+00E  
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View East

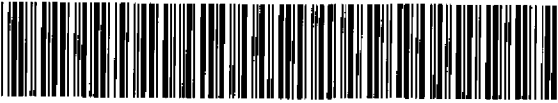
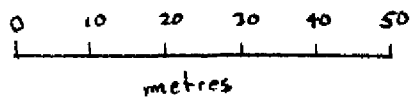
*J. Kent*

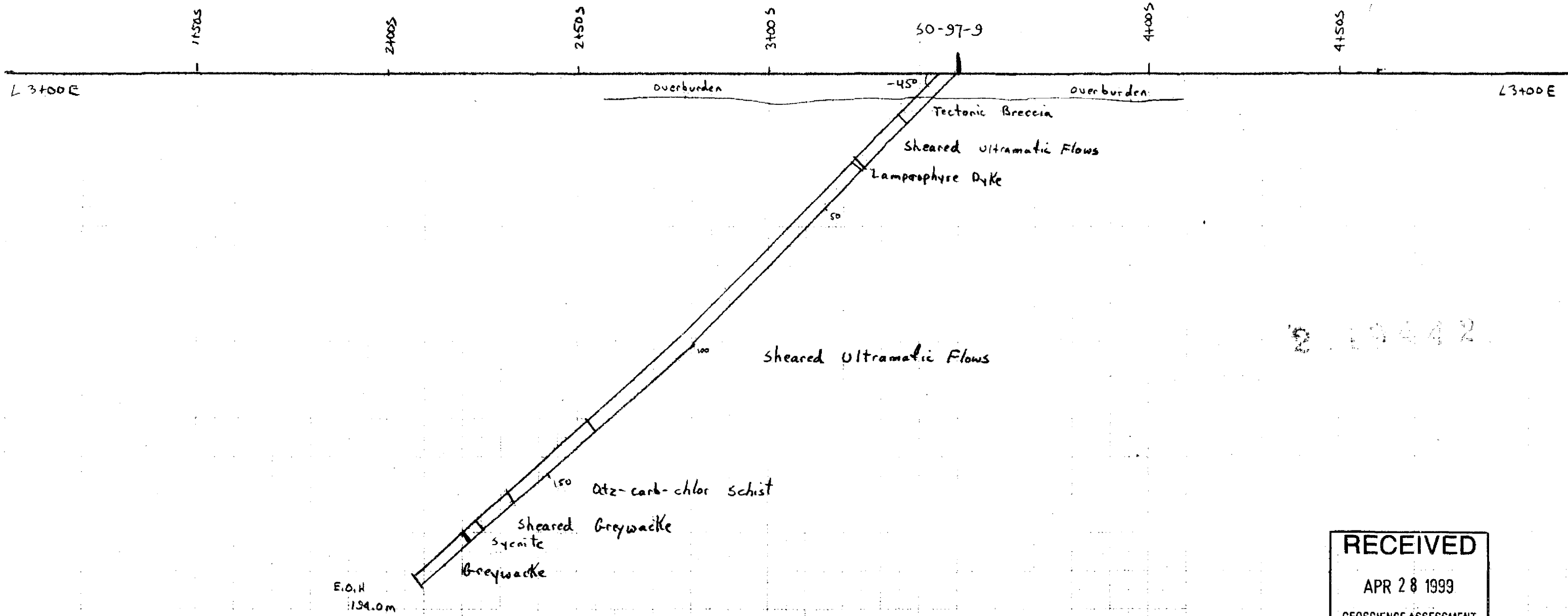




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 OKA Project  
 Section 1+00W  
 DDH 50-97-8  
 view East  
 1:1000  
*Jed K...*



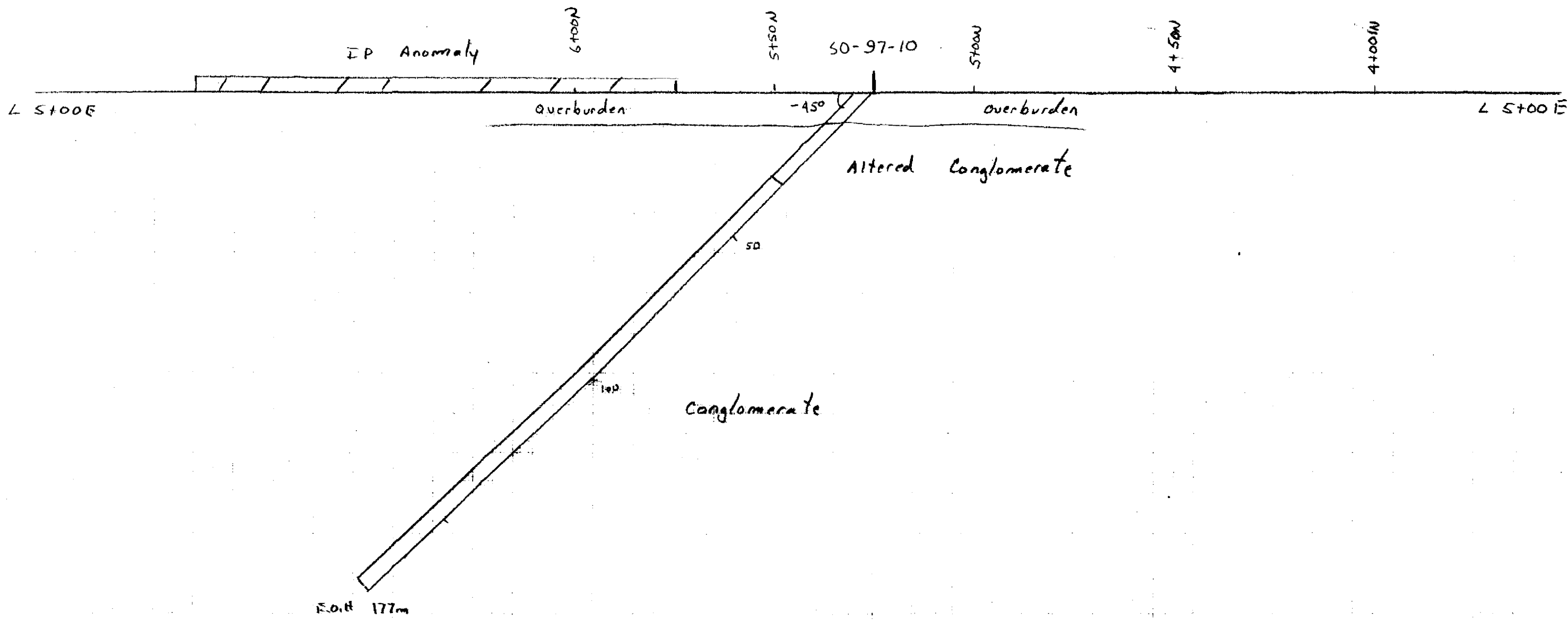


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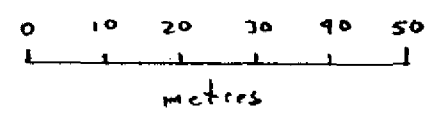
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Section 3+00 E  
DDH 50-97-9  
View East  
Scale 1:1000



*J. Powell*



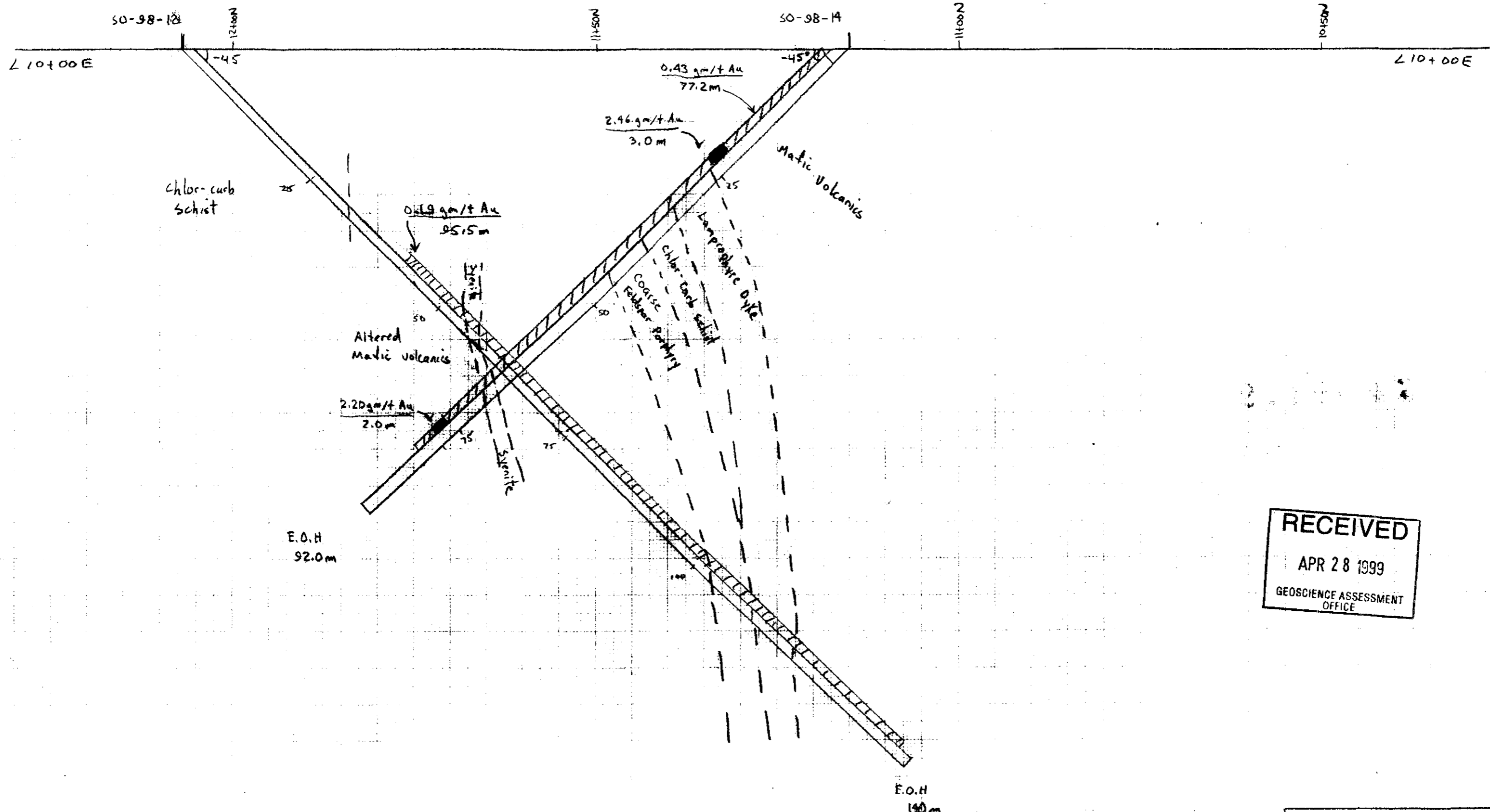
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Sedex Mining Corp.  
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 view East  
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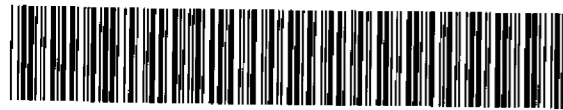
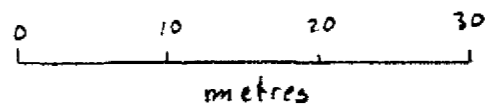


*John Powell*



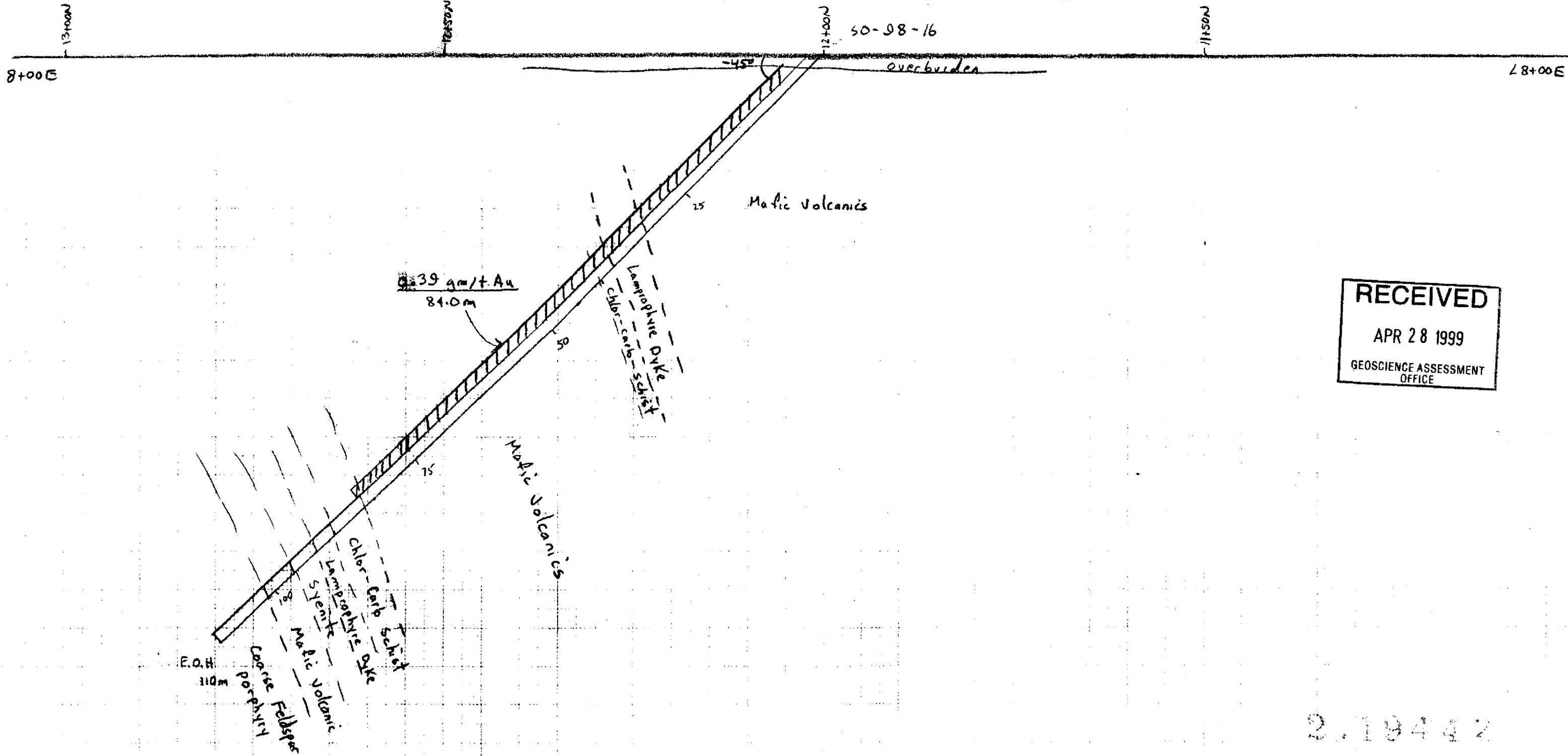
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 OKA Project  
 section 10+00E  
 DDH 50-98-12, 50-98-14  
 view East  
 scale 1:500



*Signature*





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2.19442

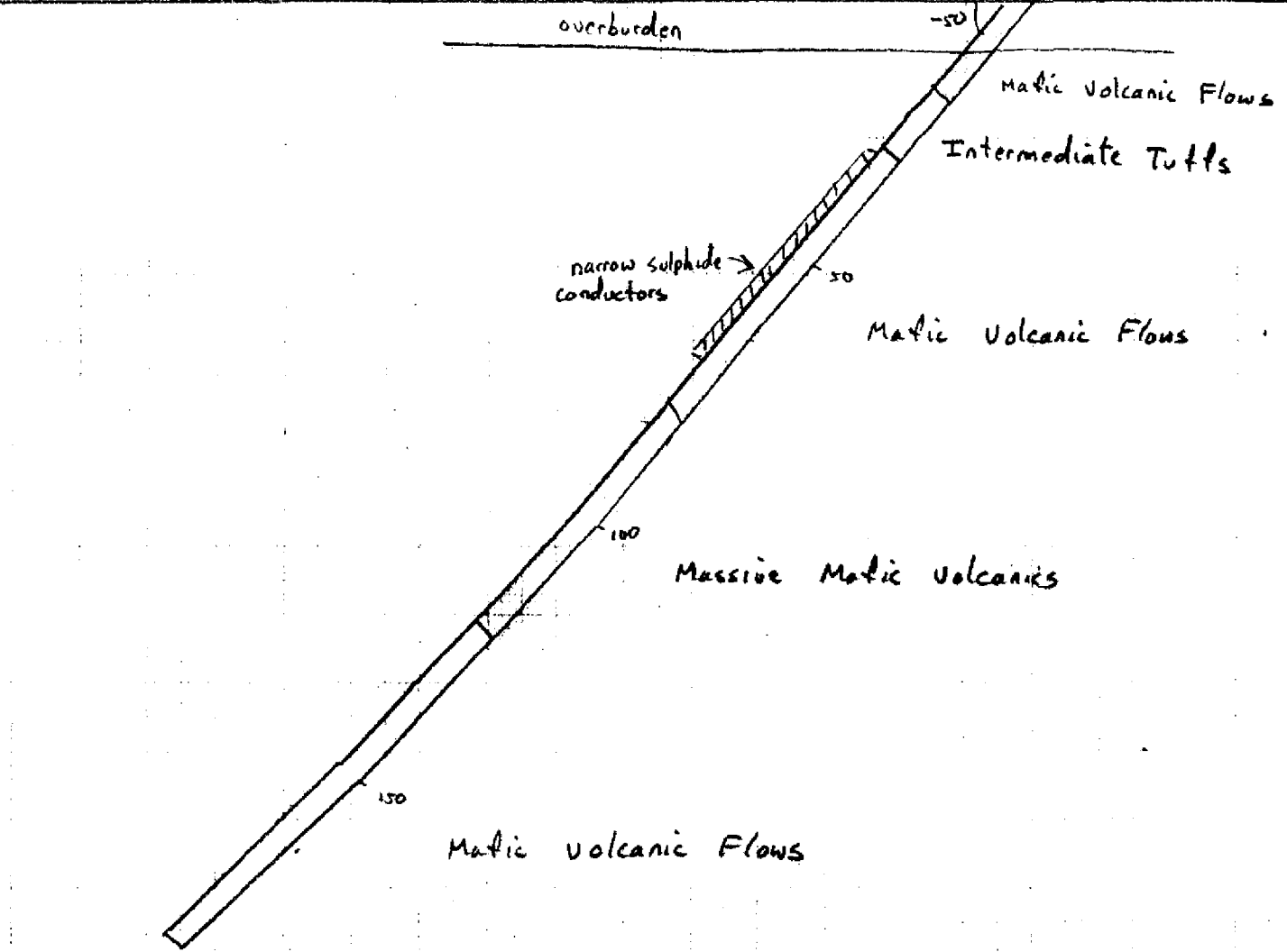
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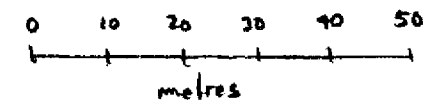
*J. Powell*



50-98-18  
L 9400 E / 8490 N -50° / Az 60°



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OFFICE



Sedex Mining Corp.  
OKA Project  
DDH 50-98-18  
View NW  
Scale 1:1000

*J. Powell*

