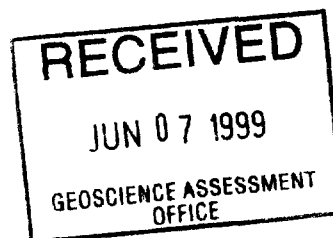




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**ASSESSMENT REPORT ON
THE OKA PROJECT
1996 STRIPPING PROGRAM
FOR
SEDEX MINING CORP.
POWELL TOWNSHIP, DISTRICT OF TIMISKAMING
MATACHEWAN, ONTARIO
NTS 41P NE**



2.19518

March 10, 1999

Todd Keast



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INTRODUCTION

Between the period of June 1 and July 11, 1996 Sedex Mining Corp. completed a back-hoe mechanical stripping program on the Oka Project. The purpose of the stripping program was to follow up on geological and geophysical targets identified during previous exploration programs. Trenching was focussed on areas of favorable geology, geophysical anomalies, and an old shaft on the property. Six trenches were completed with a combined total length of 325 metres. A total of 94 grab samples were collected from the trenches and analysed for Au by fire assay method. A number of discrete shears approximately 2-25 metres in width were identified. Rock types exposed included conglomerate, syenite, chlorite-sericite schist, and diabase dyke. The assay results from the sampling were generally low with the highest assay returning **554 PPB**. A number of discrete shears were exposed which returned anomalous assays in the **100 PPB** range over significant widths.

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 **950,000 ounces of gold** has 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 adjacent to the Royal Oak Property property, along the same major structure.

Further work is recommended for the Oka Project. A combination of geological mapping, geochemical surveys, and diamond drilling is recommended to further evaluate the potential of this 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.

Access to the property is excellent. Highway 566 from the town of Matachewan, passes two kilometres southwest of the property. A gravel road through Royal Oak Mines Matachewan Project 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 eleven contiguous unpatented mining claims located in Powell Township of the Larder Lake Mining Division. The claims are optioned from a group of prospectors. A listing of claims is enclosed on **Table 1**.

Table 1: Oka Project Claim List

Claim No.	Claims
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
L. 1206081	1
	11 claims

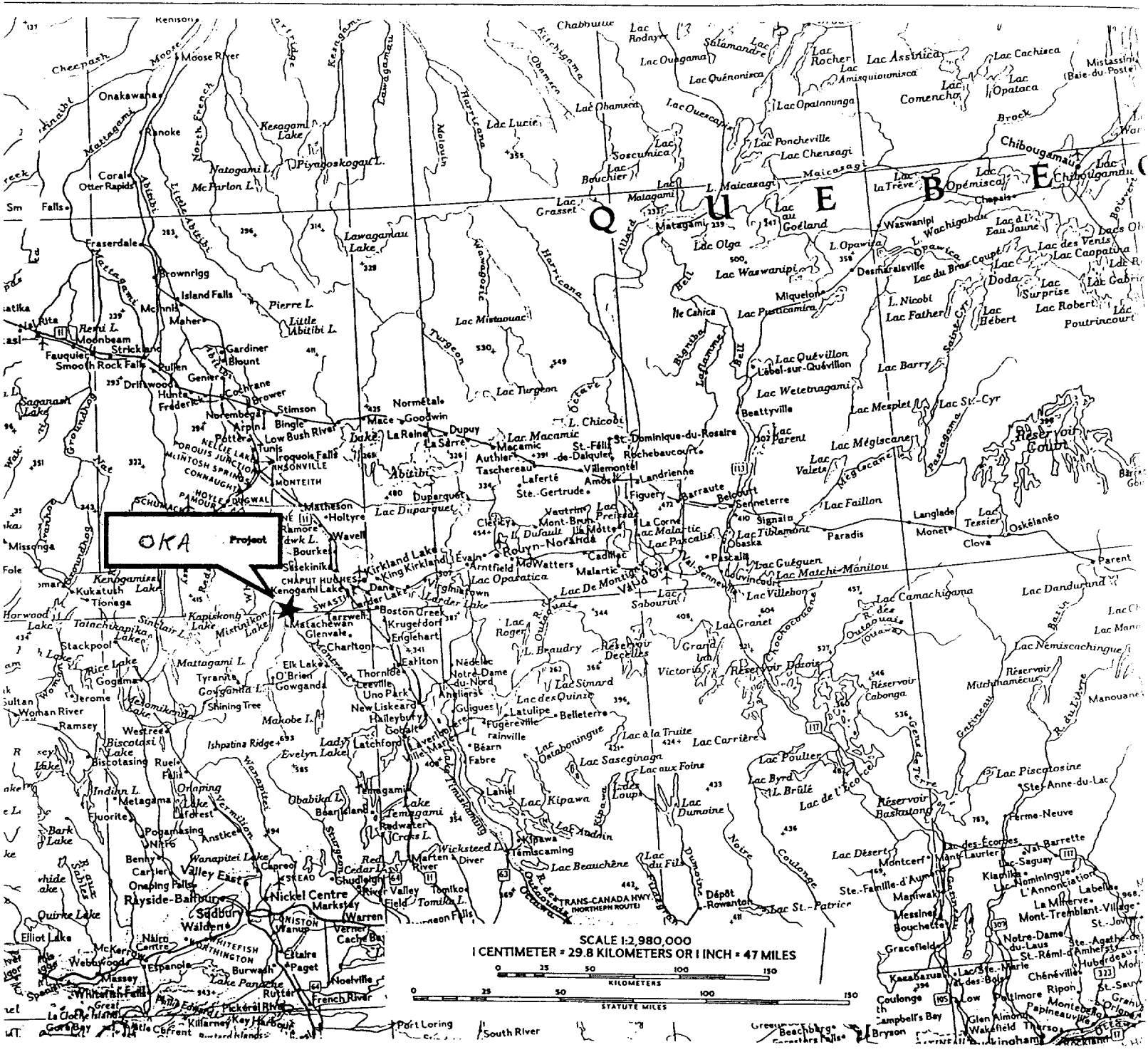


Figure 1

TOPOGRAPHY

Approximately 2/5 of 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 the Ontario Geological Survey (O.G.S.), (G.R. 51, Map 2110), (**Figure 2**). 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 interflow sediments possibly correlate with the Kinojevis Group (Jensen 1979), in Kirkland Lake. This 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 the rocks are intruded by north trending diabase dykes of the Matachewan swarm. In the southeast and southwest, proterozoic sedimentary rocks of the Cobalt Group, mainly conglomerates, unconformably overlie the older rocks.

- PRECAMBRIAN***
- PROTEROZOIC**
- MAFIC INTRUSIVE ROCKS**
(Nipissing)
- 1 Diabase
- INTRUSIVE CONTACT
- HURONIAN**
- COBALT GROUP**
- Gowganda Formation
- 15a Argillaceous and arkosic quartzite
 - 5b Conglomerate
 - 6c Argillite
 - 9d Arkose
- UNCONFORMITY
- ARCHEAN**
- MAFIC INTRUSIVE ROCKS**
(Matachewan)
- 5 Diabase undifferentiated
- INTRUSIVE CONTACT
- SILICIC INTRUSIVE ROCKS**
(Algonquin)
- 3a Granite
 - 3b Granodiorite and granitic gneiss
 - 3c Syenite
 - 3d Mafic syenite and lamprophyre
 - 3e Syenitic porphyry and coarse-grained syenite
 - 3f Quartz diorite and diorite
- INTRUSIVE CONTACT
- ULTRAMAFIC AND MAFIC INTRUSIVE ROCKS**
(Malleyburian)
- 3a Serpentinite
 - 3b Diorite
- INTRUSIVE CONTACT
- SEDIMENTARY ROCKS**
(Timiskaming)
- 2a Conglomerate
 - 2b Siltstone, interbedded argillite and quartzite
 - 2c Arkose
- UNCONFORMITY
- VOLCANIC ROCKS**
(Keewatin)
- 1a Basalt and andesite
 - 1b Bleached, silicified, sericitized volcanic rocks
 - 1c Andesite porphyry
 - 1d Tuff (banded, and massive types)
 - 1e Agglomerate
 - 1f Rhyolite and dacite
 - 1g Carbonatized and amygdaloidal rocks
 - 1h Amphibolite



- 1 Matachewan Consolidated Mine
- 2 Young Davidson Mine
- 3 Oka Project

Figure 2

ECONOMIC MINERALIZATION

The majority of 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

Deposit Name	Years of Operation	Ounces Au	Grade oz/t	Type	Nature of Ore
Young-Davidson	1934-57	585,690	0.10	Syenite	Auriferous pyrite in quartz stockwork.
Matachewan Consolidated	1934-54	378,101	0.11	Syenite, Volcanic	Auriferous pyrite in quartz stockwork
Ryan Lake	1948-57	1,352	0.01	Porphyry Copper	Auriferous chalcopyrite in quartz stockwork
Total		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 subparallel 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. No further work was documented 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. No follow up work was 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. No follow up was 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. No significant gold assays were 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 changed its name to Sedex Mining Corp. In January of 1996 Sedex Mining Corp completed a magnetometer survey and a limited Induced polarization survey. Sedex completed 3 diamond drill holes totaling 405.38 metres. Wide sections of highly anomalous gold mineralization were encountered in conglomerates, argillites and greywackes. Summaries of the individual holes are included below:

DDH SO-96-1 was drilled on line 1+00 E / 1+50 S, at -45 N, to test an IP anomaly. The hole was drilled to a depth of 106.68 metres. The hole encountered wide Matachewan diabase dykes, and Temiskaming greywackes. Wide zones of anomalous gold mineralization were encountered within the greywackes. The best assay was **1,257 PPB Au over a 1.5 metre** wide section. One section of disseminated pyrite mineralization averaged greater than **200 PPB Au over a 36 metre** wide interval.

DDH SO96-2 was drilled on line 1+00 W / 0+75 N, at -45 N, to test an IP anomaly. The hole was drilled to a depth of 131.06 metres. The hole encountered Temiskaming greywackes, and altered greywackes. No anomalous gold assays were returned from the hole.

DDH SO-96-3 was drilled on line 0+00 / 0+00, at -45 N, to test both a weak IP anomaly and the down dip extension of the mineralization in the O'Connell Gold Mines shaft. The hole was drilled to a depth of 167.64 metres. The hole encountered Temiskaming conglomerates, greywackes, and syenite intrusions. A wide zone of shearing was intersected along the sediment-syenite contact. Anomalous gold mineralization was associated with this structure. The best result was **981 PPB Au over a 1.5 metres** wide interval. Numerous wide sections of anomalous gold mineralization were intersected in both the sediments and syenite.

1996 TRENCHING PROGRAM

A limited mechanical trenching program was completed between the period June 1 and July 11, 1996. The stripping was focussed on investigating several induced polarization anomalies, the O'Connell Gold Mines Shaft and several locations of old reported showings. Trenching was restricted to claims 1206081, 1206147, and 1206148, and 1223288 (**MAP 1**). Results of the program are discussed below for each individual trench. Assay certificates are enclosed in **APPENDIX I**.

Trench 1 totaled 70 metres in length and was situated along a syenite intrusion. Trenching identified a structurally complex area which included a folded syenite dyke approximately 5 metres in width, hosted within conglomerates (**TRENCH SKETCH 1**). A total of 18 grab samples were collected from the trench (**Table 3**). Assay results were low for all samples.

Trench 2 totaled 45 metres in length and is located along weakly sheared, folded sequence of conglomerates, syenites, and chlorite-sericite schist (**TRENCH SKETCH 2**). A total of 13 samples were collected for analysis (**Table 3**). Assay results were low for all samples from this trench.

Trench 3 totals 85 metres in length. Weakly sheared conglomerates and syenite was encountered in the trench (**TRENCH SKETCH 3**). A total of 46 samples were collected for analysis, the highest result was **386 PPB Au** (**Table 3**). Of the 46 samples, 22 returned assays greater than **100 PPB Au**. These samples were collected along an area approximately 25 metres in width.

Table 3

Oka Project 1996 Sampling Results										
Sample #	Trench #	Location	E/W	Location	N/S	Rock Type	Sulphide %	Alteration	Mag. Sus.	Au PPB
17926	Trench 1	706	W	75	N	Syenite	1-2% Py	Hem		5
17927	Trench 1	708	W	76	N	Conglomerate	1-2% Py	Hem		3
17928	Trench 1	707	W	77	N	Conglomerate	3-5% Py	Hem, Chlor		10
17929	Trench 1	709	W	77	N	Conglomerate	1-2% Py	Chlor, Hem		10
17930	Trench 1	712	W	78	N	Syenite	1-2% Py	Hem		5
17931	Trench 1	714	W	79	N	Syenite	3-5% Py	Hem, Chlor		2
17932	Trench 1	715	W	80	N	Syenite	1-2% Py	Hem		5
17933	Trench 1	719	W	83	N	Chlor-carb schist	tr. Py	Chlor, carb		12
17934	Trench 1	726	W	87	N	Conglomerate	Tr. Py	Chlor		9
17935	Trench 1	730	W	89	N	Syenite Porphyry	Tr. Py	1-2% Qtz veins		2
17936	Trench 1	725	W	98	N	Chlor-carb schist	Tr. Py	Chlor, carb.		9
17937	Trench 1	724	W	103	N	Quartz Vein	Tr. Py	Carb	nil	
17938	Trench 1	721	W	96	N	Syenite	Tr. Py	Hem		7
17939	Trench 1	726	W	104	N	Conglomerate	2-3% Py	Chlor, carb, qtz		3
17940	Trench 1	733	W	104	N	Conglomerate	Tr. Py	Hem, carb		7
17941	Trench 1	732	W	99	N	Chlor-carb schist	1-2% Py	Chlor, carb, qtz		24
17942	Trench 1	736	W	88	N	Syenite Porphyry	Tr. Py	1-2% qtz veins		
17943	Trench 1	736	W	83	N	Conglomerate	Tr. Py.	Chlor, carb		7
6710	Trench 2	895	W	124	N	Conglomerate	1-2% Py	Chlor, hem		46
6713	Trench 2	890	W	123	N	Syenite	2-3% Py	Hem		17
6714	Trench 2	891	W	123	N	Syenite	2-3% Py	Hem		19
6715	Trench 2	891	W	124	N	Syenite	2-3% Py	Hem		10
17949	Trench 2	859	W	124	N	Chlor carb schist	5-7% Py	Carb		17
17950	Trench 2	864	W	127	N	Chlor carb schist	3-5% Py	Carb		12
17876	Trench 2	870	W	130	N	Quartz Vein	Tr. Py			14
17877	Trench 2	868	W	129	N	Quartz Vein	Tr. Py			19
17878	Trench 2	870	W	128	N	Conglomerate	3-5% Py	Chlor, carb, fuc		12
17879	Trench 2	873	W	127	N	Conglomerate	2-3% Py	Chlor, carb		14
17880	Trench 2	897	W	125	N	Conglomerate	5-7% Py	Chlor, carb		17
17881	Trench 2	897	W	124	N	Conglomerate	7-10% Py	Chlor, carb		14
17882	Trench 2	912	W	127	N	Conglomerate	5-7% Py	Chlor		58
6716	Trench 3	18	E	77	S	Conglomerate	3-5% Py	Chlor, carb	38	34
6717	Trench 3	19	E	72	S	Conglomerate	5-7% Py	Chlor	0.7	69
6718	Trench 3	17	E	70	S	Qtz Ser Chlor Sch	5-7% Py	Ser, Chlor, carb	0.97	314
6719	Trench 3	14	E	69	S	Qtz Ser Chlor Sch	10-15% Py	Ser, Chlor, carb	0.33	39
6720	Trench 3	13	E	67	S	Qtz Ser Chlor Sch	5-7% Py	Ser, Chlor, carb	0.3	50
6721	Trench 3	9	E	62	S	Qtz Ser Chlor Sch	5-7% Py	chlor, ser	0.25	153
6722	Trench 3	11	E	56	S	Qtz Ser Chlor Sch	5-7% Py	Ser, fuc, qtz	0.3	106
6723	Trench 3	4	E	54	S	Conglomerate	5-7% Py	Chlor, carb	0.19	91
6724	Trench 3	1	E	52	S	Qtz Ser Chlor Sch	10-15% Py	Ser, chlor	0.24	189
6725	Trench 3	1	E	49	S	Qtz Ser Chlor Sch	5-7% Py	Chlor, ser, carb	0.21	103
6726	Trench 3	5	W	47	S	Qtz Ser Chlor Sch	3-5% Py	Chlor, ser, fuc	0.14	117
6727	Trench 3	9	W	44	S	Syenite	15-20% Py	Chlor, ser, carb	0.32	144
6728	Trench 3	10	W	42	S	Syenite	10-15% Py	Chlor, ser, hem	0.25	386
8601	Trench 3	22	E	90	S	Conglomerate	2-3% Py	Ser	29	46
8602	Trench 3	19	E	79	S	Conglomerate	2-3% Py	chlor	26	5
8603	Trench 3	19	E	78	S	Conglomerate	3-5% Py	chlor	37	nil
8604	Trench 3	18	E	74	S	Conglomerate	1-3% Py	chlor	38	46
8605	Trench 3	17	E	72	S	Conglomerate	5-7% Py	Chlor, ser	8.5	69
8606	Trench 3	18	E	69	S	Conglomerate	5-7% Py	Chlor, ser	0.16	62
8607	Trench 3	14	E	66	S	Conglomerate	10-15% Py	Chlor, ser	0.15	63
8608	Trench 3	12	E	64	S	Conglomerate	7-10% Py	Qtz ser chlor	0.27	134
8609	Trench 3	10	E	60	S	Conglomerate	7-10% Py	Qtz ser chlor	0.37	3

Trench 4 totals 50 metres in length in 2 closely spaced trenches. The trenching was located proximal to the historical O'Connell Gold Mines Shaft. Conglomerate and chlorite sericite schist were exposed (**TRENCH SKETCH 4**). A total of 15 samples were collected from the trenches, with the highest assay returning **554 PPB Au (Table 3)**. A number of samples returned assays in the 100's of PPB ranged.

Trench 5 totals 35 metres in length and is located over an IP anomaly. The trenching exposed barren conglomerate with one narrow shear approximately 1 metre wide (**TRENCH SKETCH 5**). Only 1 sample was collected from this trench which returned low a low assay value (**Table 3**).

Trench 6 totals 40 metres in length and is located over an IP anomaly. The trenching exposed diabase dyke and barren conglomerate(**TRENCH SKETCH 6**). One sample was collected for analysis which returned **466 PPB Au (Table 3)**.

RECOMMENDATIONS

Results of the stripping program indicate anomalous low-grade gold mineralization associated with narrow shears and weakly altered conglomerates. Due to the location of the Oka Project along strike to the past producing Matchewan projects, further work is recommended for the Oka Project. Geochemical surveys, geological mapping, and diamond drilling are recommended to further evaluate the gold potential of this property.

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CERTIFICATE OF QUALIFICATIONS

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

1. I am the author of this report.
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 a Fellow of the Geological Association of Canada.
5. I am a member of the Canadian Institute of Mining and Metallurgy.
6. I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
7. I have not received nor do I expect to receive any interest in the Oka Project.

Dated at Porcupine, Ontario this 10th 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 line extending from the end of the name.

Todd Keast, B.Sc.

APPENDIX I

Assay Certificates



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Assay Certificate

6W-1992-RA1

Company: T.OBRADOVICH

Project: OKA 2

Attn: T.Obradovich

Date: JUN-06-96

We hereby certify the following Assay of 6 Rock samples submitted JUN-05-96 by .

Sample Number	Au PPB	Au Check PPB	Cu PPM
6710	46	43	20
6711	31	-	22
6712	46	-	26
6713	17	14	21
6714	19	21	34
6715	10	-	15

One assay ton portion used.

Certified by

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



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

6W-2038-RG1

Company: **T. OBRADOVICH**
Project: OKA-2
Attn: T. Obradovich

Date: JUN-12-96

We hereby certify the following Geochemical Analysis of 15 Rock samples submitted JUN-10-96 by .

Sample Number	Au PPB	Au Check PPB	Cu PPM
6716	34	-	42
6717	69	-	30
6718	314	309	22
6719	39	-	26
6720	50	-	20
6721	153	-	26
6722	106	-	16
6723	91	-	7
6724	189	137	60
6725	103	-	44
6726	117	-	28
6727	144	144	42
6728	386	415	50
6729	27	-	20
6730	36	-	22

One assay ton portion used.

Certified by Denis Chantre

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



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 1 of 2

Geochemical Analysis Certificate

6W-2331-RG1

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

Date: JUL-04-96

We hereby certify the following Geochemical Analysis of 34 Bulk samples submitted JUL-02-96 by .

Sample Number	Au PPB	Au Check PPB	Cu PPM
17876	14	12	36
17877	19	14	28
17878	12	-	12
17879	14	-	12
17880	17	-	14
17881	14	-	20
17882	58	-	11
17883	43	-	22
17884	50	-	21
17885	29	-	98
17926	5	-	50
17927	3	-	75
17928	10	-	86
17929	10	-	31
17930	5	-	14
17931	2	-	32
17932	5	-	38
17933	12	-	78
17934	9	5	182
17935	2	-	24
17936	9	-	27
17937	Nil	-	16
17938	7	-	21
17939	3	-	44
17940	7	-	43
17941	24	26	47
17942 Not Rec'd	-	-	-
17943	7	-	72
17944	15	-	20
17945	7	-	151

One assay ton portion used.

Certified by K. Morrison



Swastika Laboratories

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Page 2 of 2

Geochemical Analysis Certificate

6W-2331-RG1

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

Date: JUL-04-96

We hereby certify the following Geochemical Analysis of 34 Bulk samples submitted JUL-02-96 by .

Sample Number	Au PPB	Au Check PPB	Cu PPM
17946	12	-	70
17947	Nil	-	44
17948	7	-	108
17949	17	-	32
17950	12	-	19

One assay ton portion used.

Certified by K. Morrison

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



Swastika Laboratories

A Division of TSL/Assayers Inc.

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Page 1 of 2

Geochemical Analysis Certificate

6W-2480-RG1

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

Date: JUL-15-96

We hereby certify the following Geochemical Analysis of 50 Bulk samples submitted JUL-11-96 by .

Sample Number	Au PPB	Au Check PPB
6728 Extra sample	331	312
8601	46	-
8602	5	-
8603	NIL	-
8604	46	-
8605	69	77
8606	62	-
8607	63	-
8608	134	-
8609	3	-
8610	146	-
8611	94	-
8612	173	-
8613	103	-
8614	180	-
8615	122	-
8616	135	-
8617	207	285
8618	101	-
8619	110	-
8620	43	-
8621	151	-
8622	141	-
8623	135	-
8624	57	-
8625	139	149
8626	3	-
8627	3	-
8628	45	-
8629	38	-

One assay ton portion used.

Certified by Denis Chantre



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 2 of 2

Geochemical Analysis Certificate

6W-2480-RG1

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

Date: JUL-15-96

We hereby certify the following Geochemical Analysis of 50 Bulk samples submitted JUL-11-96 by .

Sample Number	Au PPB	Au Check PPB
8630	3	-
8631	79	-
8632	3	-
8633	NIL	-
8634	60	-
8635	138	-
8636	67	-
8637	137	-
8638	554	602
8639	55	-
8640	167	-
8641	170	-
8642	39	-
8643	153	-
8644	2	-
8645	84	-
8646	45	-
8647	5	-
8648	466	393
8649	27	-
8650 Not Rec'd	-	-

One assay ton portion used.

Certified by Denis Chantre

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



Ontario

Ministry of Northern Development and Mines

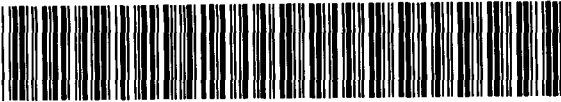
Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use)

W9980.00361

Assessment Files Research Imaging



41P15NE2009 2.19518 POWELL

900

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

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)

Form with fields for Name, Address, Client Number, Telephone Number, and Fax Number. Handwritten entry: SEDEX MINING CORP, 1000-675 WEST HASTINGS STREET, VANCOUVER, B.C. V6B 1N2, Client Number 304384, Telephone Number (604) 685-2222, Fax Number (604) 685-3764.

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

Form with checkboxes for Geotechnical, Physical, and Rehabilitation work types. Includes fields for Work Type (MECHANICAL STRIPPING, TRENCHING, ASSAYS), Office Use, Commodity, Total \$ Value of Work Claimed (\$8,996), Dates Work Performed (01/06/96 to 11/07/96), Mining Division (Larder Lake), and 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)

Form with fields for Name, Address, Telephone Number, and Fax Number. Handwritten entry: TODD KEAST, 1204 GRACE AVE., SOUTH PORCUPINE, ON P0N 1C0, Telephone Number (705) 235-2540.

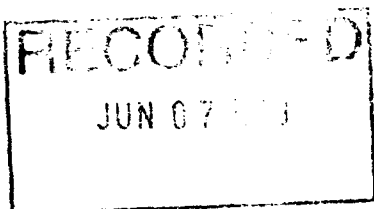
4. Certification by Recorded Holder or Agent

I, BOB BAILEY, 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.

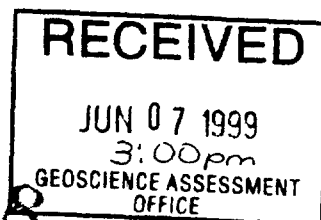
Form with fields for Signature of Recorded Holder or Agent (Bob Bailey), Date (June 3/99), Agent's Address (174 RENEE PLACE, TIMMINS, ON), Telephone Number (705) 368-9686, and Fax Number (705) 360-5866.

0241 (03/97)

P4P1E8



2.19518



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.

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-1206081	1	3708			\$3,708
2 L-1206147	1	1,449			\$1,449
3 L-1206148	1	2,735			\$2,735
4 L-1223288	1	884			\$884
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
Column Totals	4	\$8,776			\$8,776

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

Signature of Recorded Holder or Agent Authorized in Writing

Date

Bob Bailey

June 3/99

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

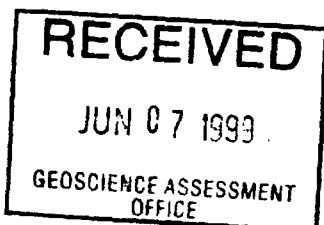
Date Notification Sent

Date Approved

Total Value of Credit Approved

Approved for Recording by Mining Recorder (Signature)

0241 (03/97)



2.19518



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
MECHANICAL STRIPPING - ALEX MACINTYRE & ASSOCIATES LTD.			\$4513
PROJECT SUPERVISION, WASHING			\$4948
LABOUR - FRED KIERNICKI			
GEOLOGIST - MAPPING, SAMPLING			\$6925
REPORT PREPARATION			
ASSAYS			\$1,167
Associated Costs (e.g. supplies, mobilization and demobilization).			
Transportation Costs			
Food and Lodging Costs			
Total Value of Assessment Work			\$17,553

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 \$17,553 x 0.50 = \$8,776 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 June 3/99

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JUN 07 1999
GEOSCIENCE ASSESSMENT OFFICE

2.19518

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

Telephone: (888) 415-9846

Fax: (877) 670-1555

June 11, 1999

SEDEX MINING CORP.
1000-675 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B-1N2

Visit our website at:

www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Dear Sir or Madam:

Submission Number: 2.19518

Status

Subject: Transaction Number(s): W9980.00361 Deemed Approval

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

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

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

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

Yours sincerely,



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

Work Report Assessment Results

Submission Number: 2.19518

Date Correspondence Sent: June 11, 1999

Assessor: Bruce Gates

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9980.00361	1206081	POWELL	Deemed Approval	June 11, 1999

Section:

10 Physical PTRNCH

10 Physical PSTRIIP

Correspondence to:

Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

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

Robert Bailey
TIMMINS, ONTARIO, CANADA

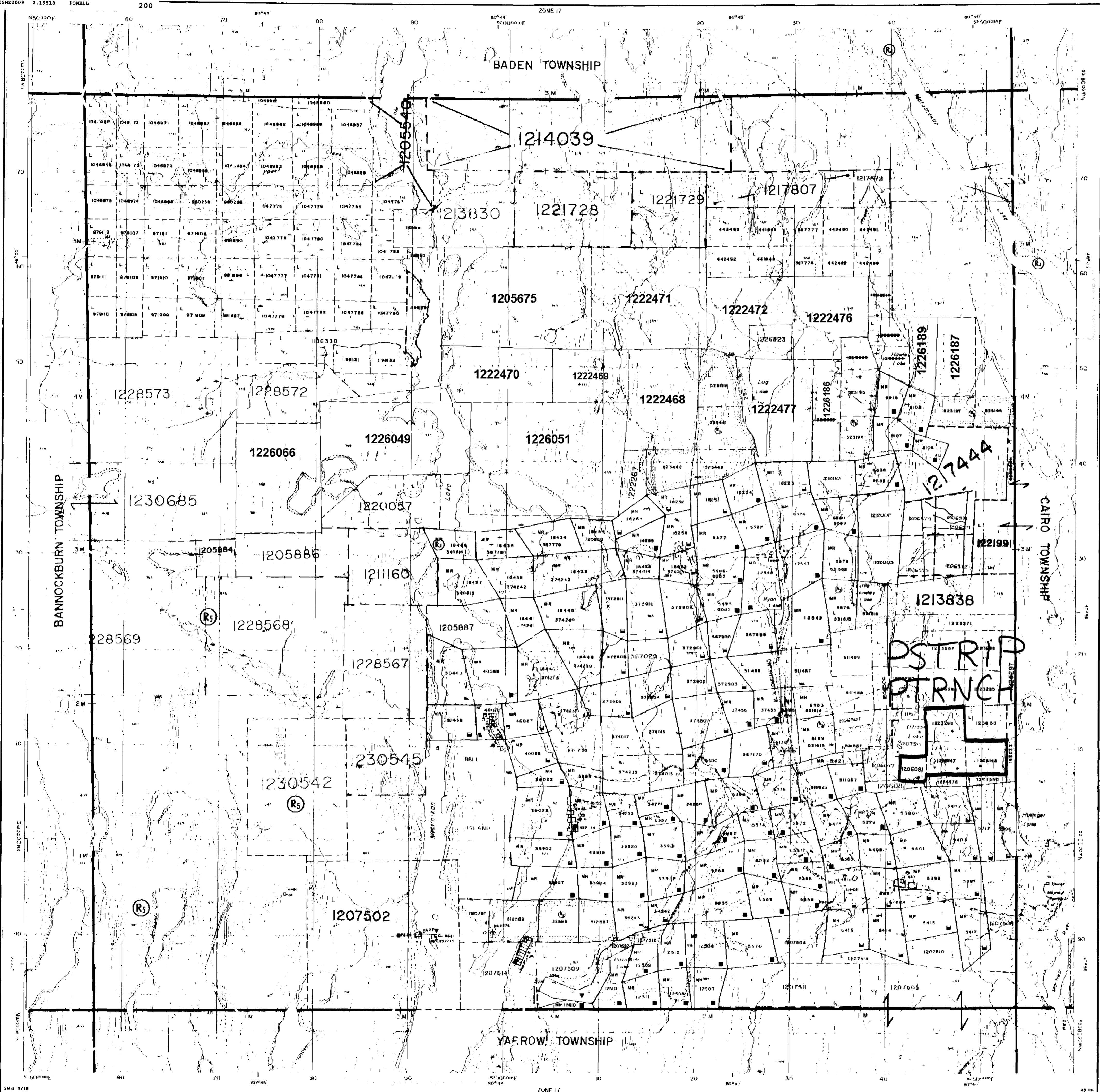
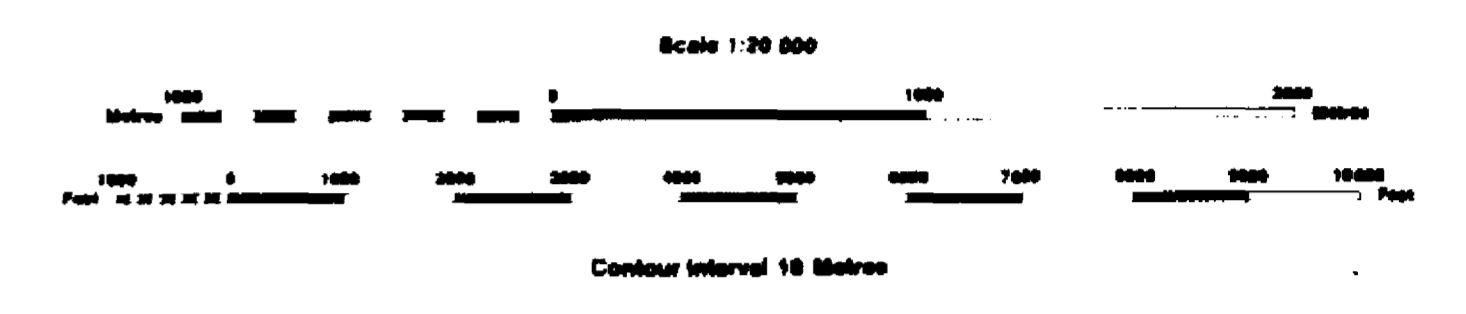
SEDEX MINING CORP.
VANCOUVER, B.C.

INDEX TO LAND DISPOSITION

PLAN
 G-3218
 TOWNSHIP

M.N.R. ADMINISTRATIVE DISTRICT
 KIRKLAND LAKE
 MINING DIVISION
 LARDER LAKE
 LAND TITLES/REGISTRY DIVISION
 TIMISKAMING

POWELL



AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only
 BRO - Surface Rights Only
 M+S - Mining and Surface Rights

Description	Order No.	Date	Disposition	File
W-1-18/95	MAR 30/95	M+S		
W-1-19/95	MAR 30/95	M+S		
W-1-20/95	MAR 30/95	M+S		
SEC 35 W.L.L.P.1715 89 ONT MAY 13/99	M&S			(200 METRES FROM WATER'S EDGE)
SEC 35 W.L.L.C.1600 99 ONT MAY 15/99	M+S			

SYMBOLS

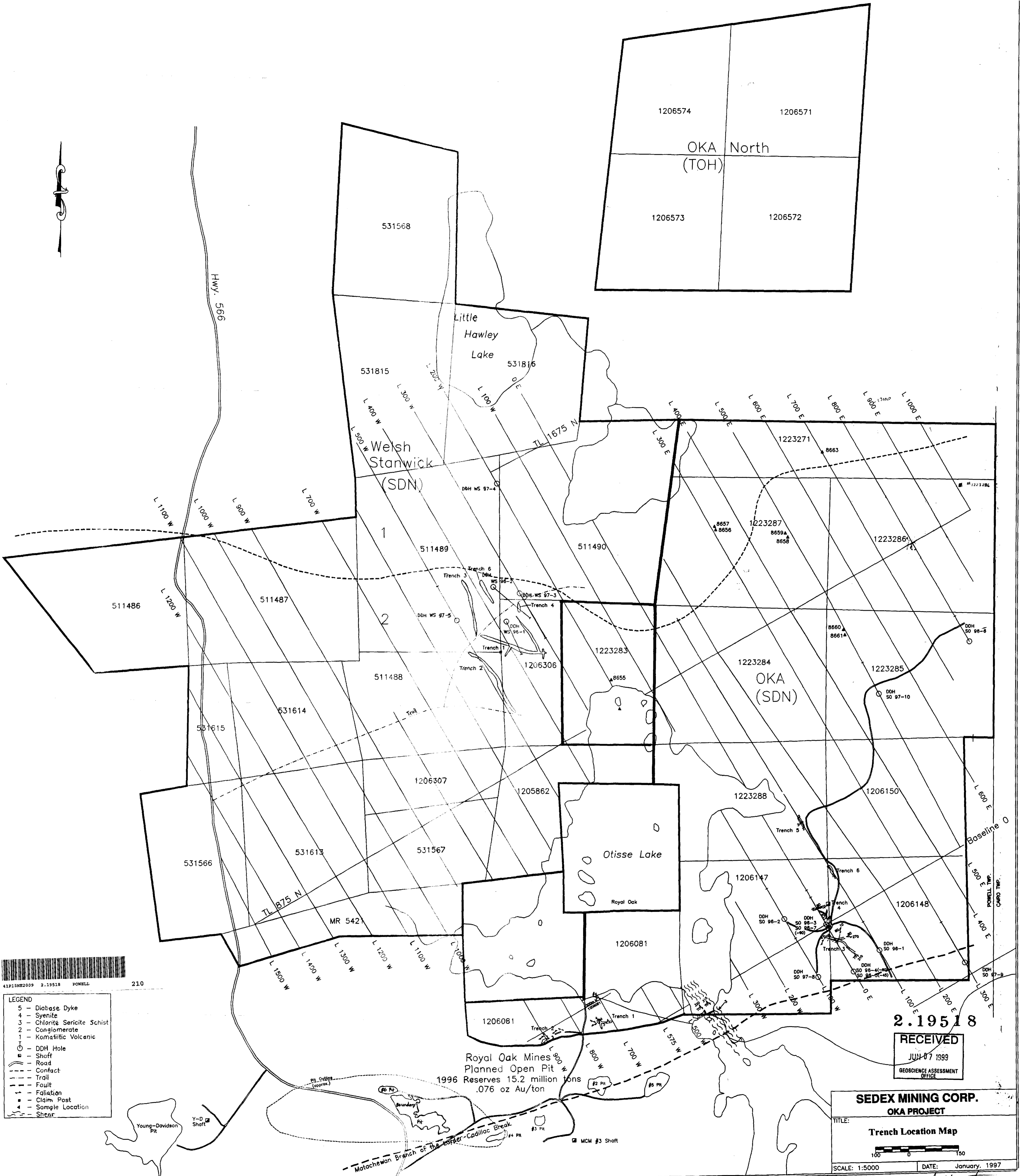
Boundary	
Township, Meridian, Baseline	—
Road allowance, surveyed	—
shoreline	—
Lot/Concession, surveyed	—
unsurveyed	—
Parcel, surveyed	—
unsurveyed	—
Right-of-way, road	—
railway	—
utility	—
Reservation	—
Chf. Pt. Pile	—
Contour	—
Interpolated	—
Approximate	—
Depression	—
Control point (horizontal)	—
Flooded land	—
Mine head frame	—
Pipeline (above ground)	—
Railway, single track	—
double track	—
abandoned	—
Road, highway, county, township	—
access	—
trail, bush	—
Shoreline (original)	—
Transmission line	—
Wooded area	—

NOTES

1:0 7601 COVERS FLOODING RIGHTS IN THIS TOWNSHIP TO CONTOUR
 #70 TO ONTARIO HYDRO FILE 12290 VOL. 2

DISPOSITION OF CROWN LANDS

Patent	●
Surface & Mining Rights	●
Surface Rights Only	○
Mining Rights Only	○
Lease	■
Surface & Mining Rights	■
Surface Rights Only	■
Mining Rights Only	■
Licence of Occupation	▼
Order-in-Council	OC
Cancelled	○
Reservation	○
Sand & Gravel	○



41P15NR2009 2.19518 POWELL 210

- 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

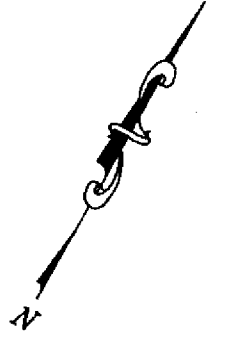
Royal Oak Mines
Planned Open Pit
1996 Reserves 15.2 million tons
.076 oz Au/ton

2.19518
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GEOSCIENCE ASSESSMENT
OFFICE

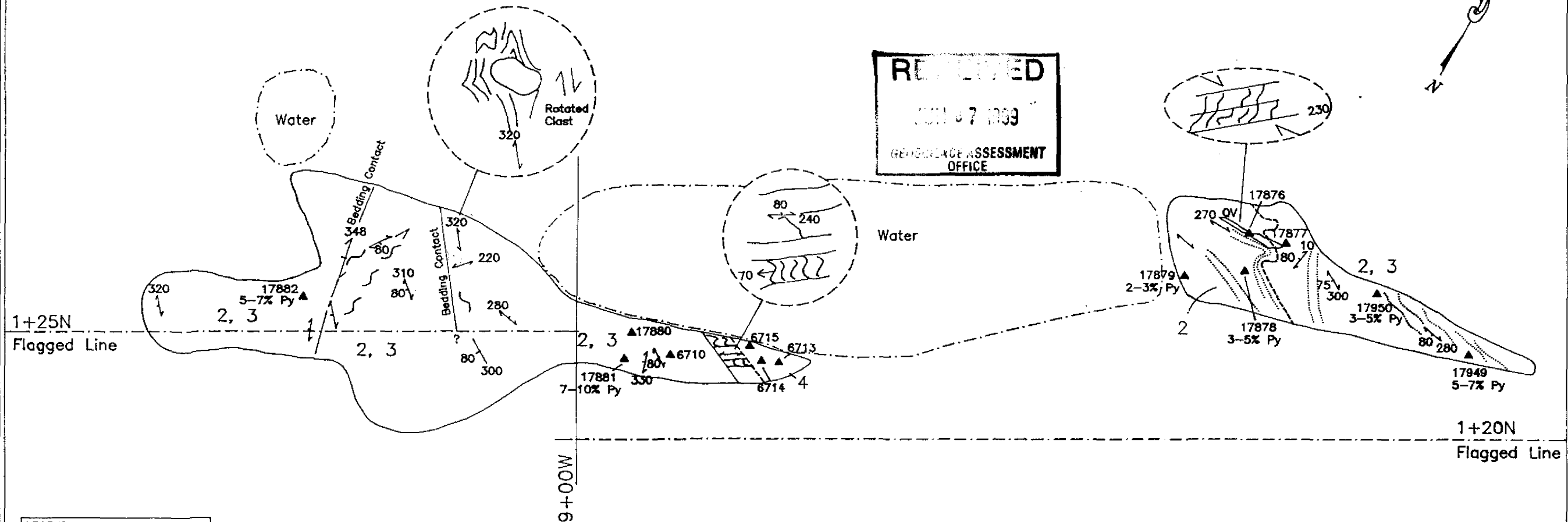
SEDEX MINING CORP.
OKA PROJECT
TITLE: **Trench Location Map**
SCALE: 1:5000 DATE: January, 1997

Jodan

2.19518



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OFFICE



LEGEND
5 - Diabase Dyke
4 - Syenite
3 - Chlorite Sericite Schist
2 - Conglomerate
1 - Komatiitic Volcanic
--- Contact
--- Foliation
▲ Sample Location
} Shears



41P15NE2009 2.19518 POWELL 230

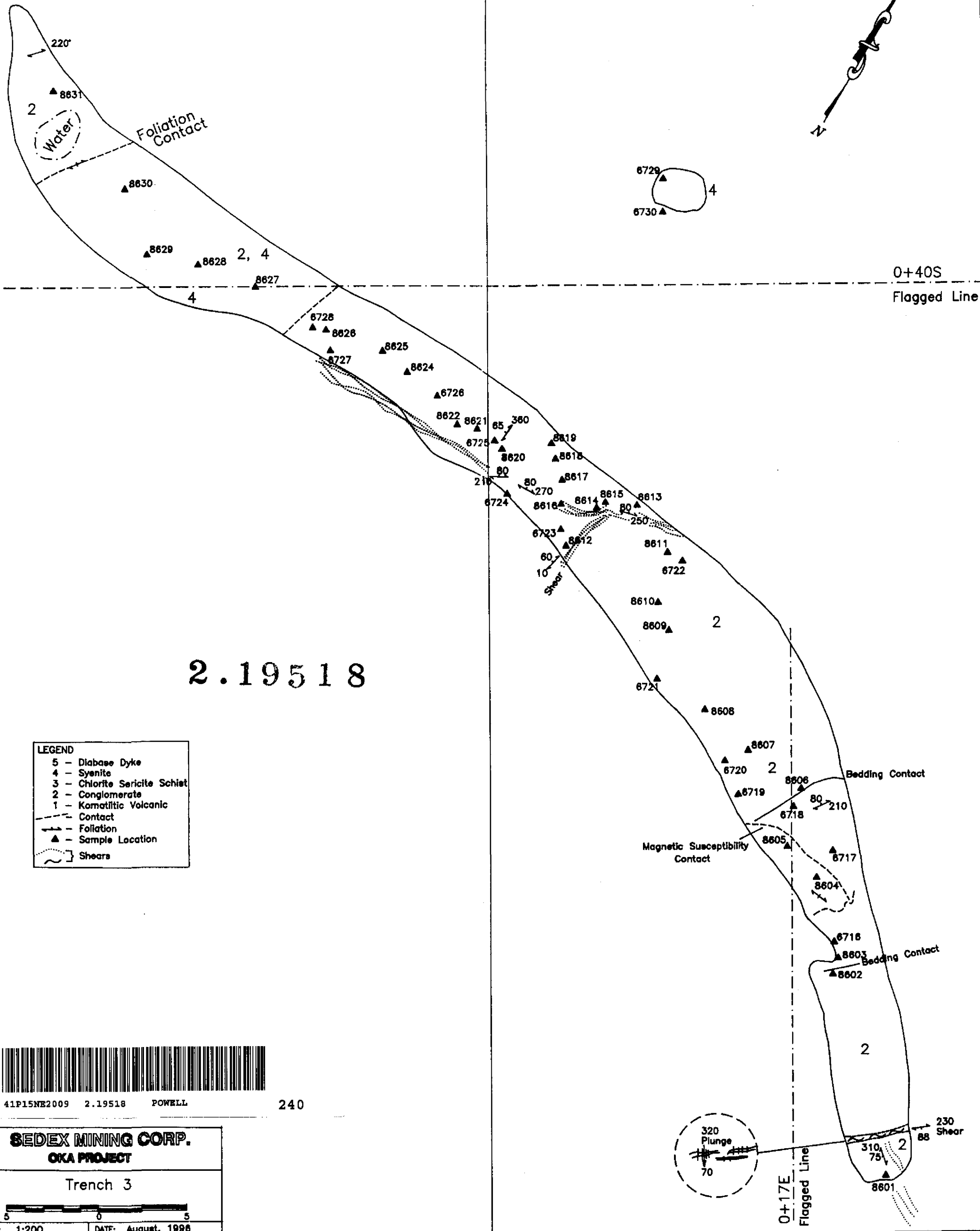
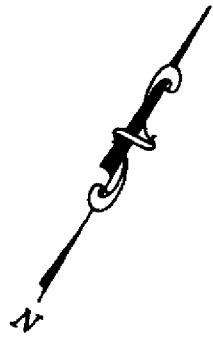
SEDEX MINING CORP.
OKA PROJECT

TITLE: Trench 2

SCALE: 1:200 DATE: August, 1996

Jed Kent

0+00



2.19518

LEGEND

- 5 - Diabase Dyke
- 4 - Syenite
- 3 - Chlorite Sericite Schist
- 2 - Conglomerate
- 1 - Komatiitic Volcanic
- - - Contact
- - - Foliation
- ▲ - Sample Location
- - - Shears



41P15NE2009 2.19518 POWELL 240

SEDUX MINING CORP.
OKA PROJECT

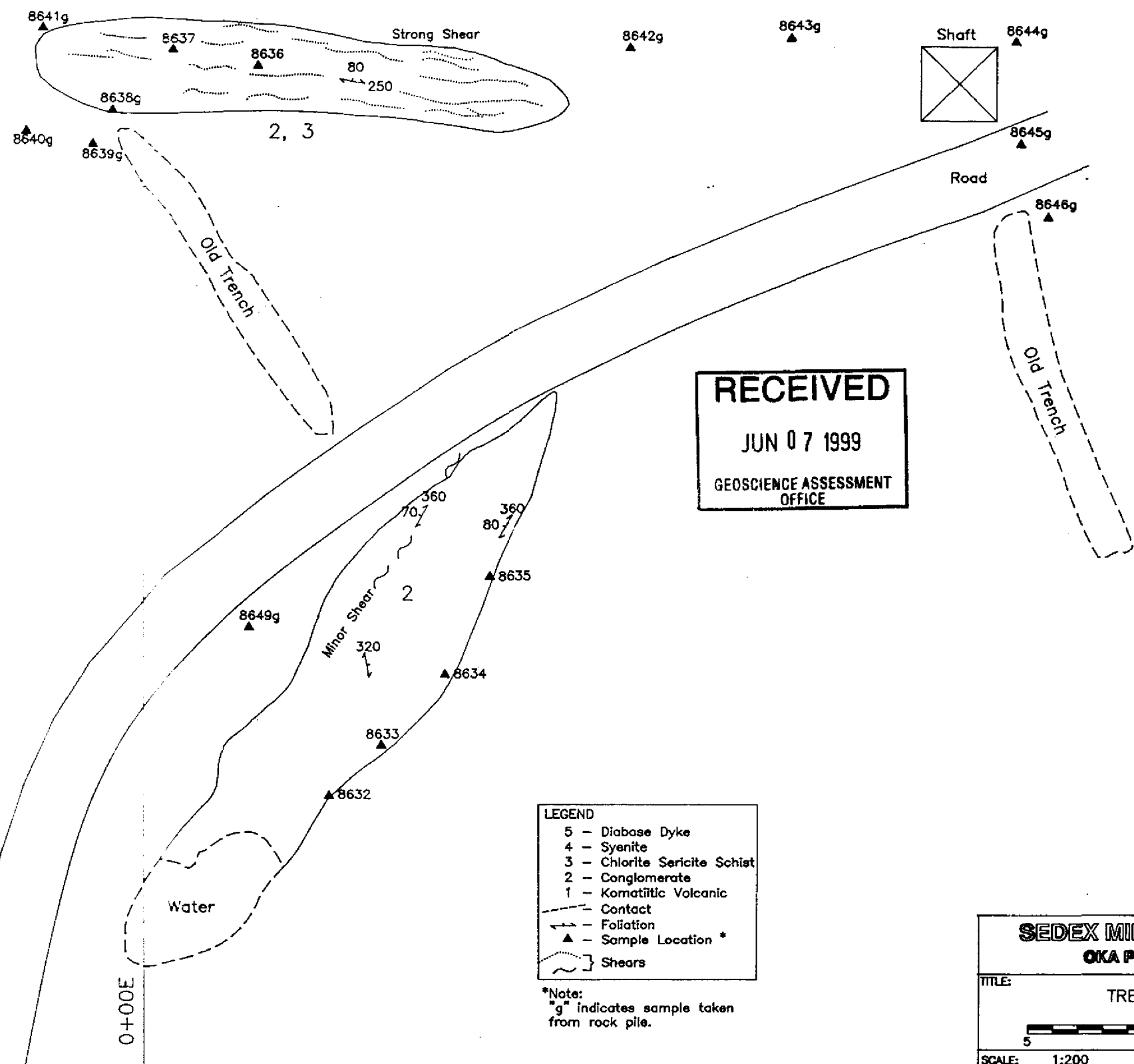
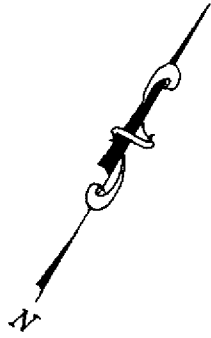
TITLE: Trench 3

SCALE: 1:200 DATE: August, 1998

0+17E
Flagged Line

0+40S
Flagged Line

2-19518



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- LEGEND**
- 5 - Diabase Dyke
 - 4 - Syenite
 - 3 - Chlorite Sericite Schist
 - 2 - Conglomerate
 - 1 - Komatiitic Volcanic
 - Contact
 - - - Foliation
 - ▲ - Sample Location *
 - Shears

*Note:
g indicates sample taken
from rock pile.

SEDEX MINING CORP.
OKA PROJECT

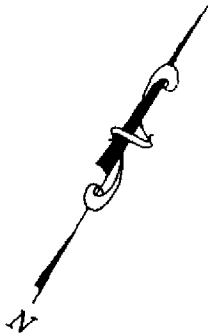
TITLE: TRENCH 4

SCALE: 1:200 DATE: August, 1996

41P15NE2009 2.19518 POWELL 250



J. Todd Kent



1+00E

3+25N

2.19518

2

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2

3+00N

Water

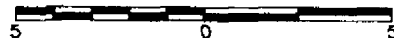
LEGEND

- 5 - Diabase Dyke
- 4 - Syenite
- 3 - Chlorite Sericite Schist
- 2 - Conglomerate
- 1 - Komatiitic Volcanic
- - - Contact
- - - Foliation
- ▲ - Sample Location
- - - Shears

SEDEX MINING CORP.
OKA PROJECT

TITLE:

Trench 5



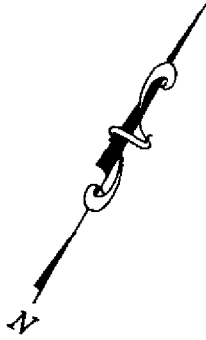
SCALE: 1:200

DATE: August, 1996

J. delCont



1+50N



1+00E

Water

260

85

270

2

8648

1+25N

270



POWELL 2.19518

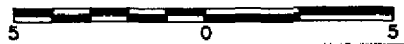
LEGEND

- 5 - Diabase Dyke
- 4 - Syenite
- 3 - Chlorite Sericite Schist
- 2 - Conglomerate
- 1 - Komatiitic Volcanic
- - - Contact
- - - Foliation
- ▲ - Sample Location
- - - Shears

5

SEDEX MINING CORP.
OKA PROJECT

TITLE: Trench 6



SCALE: 1:200 DATE: August, 1996

2.19518

Jodd Keat