

Diamond Drilling



41110NE9228 25 DAVIS

010

Township of DAVIS

Report NO: 25

Work performed by: T. Sokoloff

Claim NO	Hole NO	Footage	Date	Note
S 378138	GU-1	108'	Nov/74	(1)
S 378139	GU-2	131'	Dec/74	(1)
S 378138	GU-3	131'	Dec/74	(1)
S 397377	GU-4	155'	Dec/74	(1)
S 397380	GU-5	120'	Feb/75	(1)
	GU-6	163'	Mar/75	(1)
	GU-7	107'	Mar/75	(1)
	<u>7</u>	<u>915 Ft</u>		

Notes:

(1) #74-75

DIAMOND DRILL RECORD

PROPERTY : Grand Valley Mining Co. Ltd.
 LOCATION : David Township, District of
 Sudbury, ONT
 CLAIM NO.: 378138
 LATITUDE : 14+50N
 DEPARTURE: 50ft.W of L-4-E
 DRILLED BY: Ferguson Mining Services

Hole No. GV-1
 DIP: -45°
 BEARING : N 45°E
 LENGTH : 108 ft.
 STARTED : Nov.9/1974
 COMPLETED: Nov. 11/74
 LOGGED BY: H.Dowhaluk

0.0-2.0 OVERBURDEN, Casing
 2.0-108.0 GABBRO, Dk green, crse-grd, tending to ophitic texture at
 times.
 END OF HOLE.

SAMPLES	Au (ozs/ton)			
# 9797	93.3-93.7	0.4'	TR	1/4" calcite vein, minor chalcopyrite.
# 9798	95.6-96.0	0.4'	NIL	1" qtz. veinlet with large grains of pyrrhotite & cpy.

**DUPLICATE COPY
 POOR QUALITY ORIGINAL
 TO FOLLOW**

DIAMOND DRILL RECORD

PROPERTY: Grand Valley Mining Co. Ltd.
 LOCATION: Davis Township, District of
 Sudbury, Ont.
 CLAIM NO.: 378138
 LATITUDE: 14+50N
 DEPARTURE: 50 ft. W of E-4-E
 DRILLED BY: Ferguson Mining Services

HOLE NO.: GV-1
 DIP: -45°
 BEARING: N 45° E
 LENGTH: 108 ft.
 STARTED: Nov. 9, 1971
 COMPLETED: Nov. 11, 1971
 LOGGED BY: H. Douville

0.0-2.0 : OVERBURDEN, casing.
 2.0-103.0: GABBRO. Dk green, coarse-grd, trending to ophitic texture at
 times.

End of Hole

Sample	Interval	Grains	Au (ozs/ton)	Description
#9797	93.3-93.7	0.4'	.74..	1/8" calcite vein, minor chalc pyrite.
#9798	95.6-96.0	0.4'	.44..	1" qtz veinlet with large grains of pyrrhotite & opx



DIAMOND DRILL RECORD

PROPERTY: Grand Valley Mining Co. Ltd.
 LOCATION: Davis Twp., District of
 Sudbury, Ontario.
 CLAIM NO.: 378139
 LATITUDE: 17-N
 DEPARTURE: 1+50 E of L-0
 DRILLED BY: Ferguson Mining Services

HOLE NO. : GV-2
 DIP : -45°
 BEARING : N 45° E
 LENGTH : 131 ft.
 STARTED : Dec. 14, 1974
 COMPLETED: Dec. 15, 1974
 LOGGED BY: H. Dowhalek

0.0-7.0 :OVERBURDEN. Casing.
 7.0-63.4 :GABBRO. Dk green-black. Med-grd, holocrystalline. White
 plagioclase and green-black pyroxene. Occasional slight
 foliation at 45°.
 63.4-82.2 :CARBONATIZED GABBRO. F-grd, med gray color. Carbonatized,
 also very thin, white carbonate linvs. Occasional reddish
 color from hematite. Some qtz in veinlets. Occasional
 fine pyrite or chalcopyrite but rare. Veinlets (up to
 1" or more) @ 70.6, 70.8, 72.0, 72.5, 73.0.
 82.2-131.0:GABBRO. As above.

End of hole - 131 ft.

List of Samples

			Am (ozs)	
#8207	63.4-70.0	6.6 ft.	Nil	Fine carb lines
#8208	70.0-75.0	5.0	N11	"
#8209	75.0-82.2	7.2	N11	"
#8210	113.0-113.5	1.0	<u>NIL</u>	Includes qtz stringer from 113.0-113.4



DIAMOND DRILL RECORD

PROPERTY	: Grand Valley Mining Co. Ltd.	HOLE NO.	: GV-3
LOCATION	: Davis Twp., District of Sudbury, Ontario.	DIP	: -45°
CLAIM NO.	: 378138	BEARING	: N 45° E
LATITUDE	: 9+30 N	LENGTH	: 131 ft
DEPARTURE	: L-0	STARTED	: Dec. 16, 1974
DRILLED BY	: Ferguson Mining Services	COMPLETED	: Dec. 17, 1974
CORE SIZE	: IEX	LOGGED BY	: H. Dowhaluk

0.0-7.3 :Overburden. Casing.
7.3-29.0 :GABBRO. Dk green. Crse-grd. Diabasic texture.
26.0-29.0: 10% carb veinlets @ 45°. Brecciated in parts.
28.1-28.4: Calcite, pinkish w abundant breccia fragments up to 1/2". Some large grains of cpy and po.
29.0-30.6 :ARGILLITE. Gray. Compact, grading into next.
30.6-33.0 :GABBRO. Crse-grd. Contact w next gradational w small 1/2" zones of gabbro in the argillite.
33.0-36.0 :ARGILLITE. Med-gray, compact. At 37.0, 1" of pinkish calcite. Other smaller calcite veinlets nearby.
36.0-131.0 :GABBRO. Dk green, crse grd. Occasional epidote and minor hematite.
36.0-61.0: Zone w abundant calcite veinlets about 1/2" wide, pinkish.
Some parts brecciated w fragments up to 1" in calcite matrix. Crse breccia @ 48.3, 49.3, 52.0, 55.7 (zones up to 6" wide).
83.1-85.0: Coarsened texture, shattered w quite a few carbonate veinlets & stockworks up to 1" wide. Carbonate white or pinkish w some red, earthy hematite admixed; some hematite staining of the white feldspars.
91.9-95.0: Similar zone to above but f-grd and more carbonatized.

END OF HOLE - 131 ft.

LIST OF SAMPLES

			Au (ozs)
#8205	83.1-85.0	1.9 ft.	Nil
#8206	91.9-95.0	3.1 ft.	Nil



Claim 378137

Hole GV-2, 8 feet drilled on claim 378137
90 feet drilled on claim 378138
33 feet drilled on claim 378139

GV-2

GV-1
hole entirely
on claim 378138

100'

378139

Claim 378138

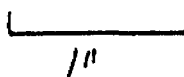
Claim
378139
378139

GV-3

985'
985'

GRAND VALLEY MINING CO. LTD.
DAVIS TOWNSHIP
ONTARIO

SCALE 1 Inch = 200 Feet



Claim 397377

7 AUGUST 1960

HOLE NO. GV-4
DIP : -45°
BEARING: N 40° E
LENGTH : 155 ft.
STARTED: Dec.18,1974
FINISHED Dec.20, 1974
LOGGED BY: H. Dowhaluk

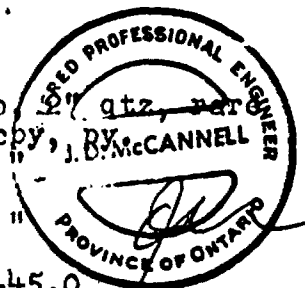
0.0-11.0 : OVERBURDEN. Casing.
11.0-155.0 : GABBRO. Nipissing type. Dk green, crse-grd, massive. Green-black pyroxene and white to greenish white plagioclase. Faint foliation in spots @ 40°.
12.7: 1" qtz-carb veinlet. Yellow-green epidote on margins @ 70°.
29.2-31.8: Carbonatized zone. Rock tending to f-grd and carbonatized. Small 1-3" carbonate lines at 70° usually about 1" apart. Odd, rare grain of pyrite and chalcopyrite.
30.5-30.7: Milky white qtz w chlorite and a few, slender tourmaline needles. A little brownish white breunnerite and chlorite.
38.4-42.6: Carbonate zone as above. 1" qtz at 42.2, milky white w pinkish white breunnerite.
42.6-44.8: F-grd, carbonatized but no carb lines, massive. Some fine pyrite.
44.2-45.0: Qtz, milky white. Some gray shading and occasionally some very fine sulphides. Some black, amorphous tourmaline. Rare cpy in spots.
45.0-46.8: Carbonatized gabbro w carbonate lines.
62.2-64.6: Carbonatized zone. Some qtz lines in spots. Small veinlets at 62.7 (0.3 cm), 63.0 (1.3 cm), 64.3 (2.0 cm). Some chloritic schistosity @ 80°.
87.7-88.7: Carbonatized gabbro w fine carbonate lines. Qtz veinlets, @ 88.0 (2.2 cm).
91.3, 93.4: Qtz veinlets (1"). No carbonatization.
106.9-108.1: Carb gabbro, carb lines about 1" apart.
123.3-128.3: " "
3.5 cm vein @ 125.2.

END OF HOLE - 155 ft.

LIST OF SAMPLES

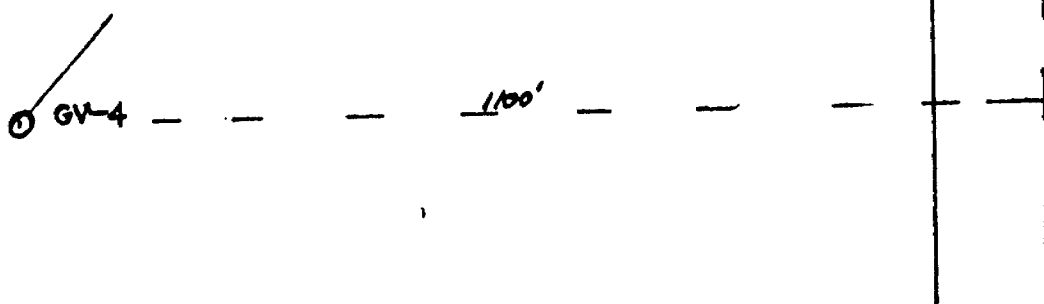
AN (OZS)

Sample No.	Interval (ft)	Grain Size	Mineralogy	Notes
#2996	29.2-31.8	2.6 ft	Nil	Carb'd zone
2997	38.4-42.6	4.2	Nil	qtz, carb
2998	42.6-44.0	1.4	Nil	copy, J.D. McCANNELL
2999	44.0-45.1	1.1	0.005	Qtz vn 44.2-45.0
3000	45.1-46.8	1.7	Nil	Carb'd gabbro, carb lines
8201	62.2-64.6	2.4	Nil	"
8202	87.7-88.7	1.0	Nil	" , few qtz lines
8203	106.9-108.1	1.2	Nil	" "
8204	123.3-128.3	5.0	Nil	" "



Claim
378139
378139

Claim 378138
378138



Claim
397376

Claim 397377



GRAND VALLEY MINING CO. LTD.
DAVIS TOWNSHIP
ONTARIO

SCALE 1 Inch = 200 Feet

DIAMOND DRILL RECORD

PROPERTY	: Grand Valley Mining Co. Ltd.	HOLE NO.	: GV-5
LOCATION	: Davis Twp., District of Sudbury, Ont.	DIP	: -45°
CLAIM NO.	: 397380	BEARING	: N 75° W
LATITUDE	: 2+80 N	LENGTH	: 120 ft.
DEPARTURE	: 90' E of L-36-W	STARTED	: Feb. 22, 1975
DRILLED BY	: Ferguson Mining Services	FINISHED	: Mar. 1, 1975
CORE SIZE	: IEX	LOGGED BY	: H. Jowhaluk

0.0-15.0: :WATER, OVERBURDEN. Casing.
15.0-18.5: :GABBRO. Green-black, med-crse grd. Diabasic texture. Some biotite present.
18.5-20.0: :LOST CORE. Badly broken ground.
20.0-20.5: :GABBRO. As above.
20.5-21.7: :LOST CORE.
21.7-22.0: :ARGILLITE. Med. gray. Dense, massive, siliceous.
22.0-23.0: :LOST CORE.
23.0-25.0: :ARGILLITE. Gray, dense, siliceous. Shows some very fine bedding laminations @ 45-55°. Some pyrite, pyrrhotite, and chalcopyrite (less than 1%), the cpy generally associated w pink carbonate which occurs in small lines or cavities.
25.0-26.3: :LOST CORE.
26.3-27.0: :ARGILLITE. Gray, siliceous.
27.0-28.0: :GABBRO. Green-black. Med-grd.
28.0-31.7: :GABBRO. Gray. Very f-grd. Rare py and cpy specks.
31.7-32.7: :ARGILLITE. Greenish gray. Some of it finely laminated (dark and light). About 5-10% earthy hematite and less than 1% py & cpy as fine grains.
32.7-35.0: :GABBRO. Very f-grd. Some greenish-yellow epidote. Grades into next.
35.0-42.2: :HYBRID ROCK (GABBRO X ARGILLITE). Gabbroic w some argillaceous material (f-grd to dense). Rounded pebbles indicate slight development of intraformational breccia and conglomerate on a small scale (pebbles less than 1"). Some carbonate and much epidote. Pink calcite in scattered fractures w epidote, hematite, and grains of pyrite and chalcopyrite (up to 1"). No significant cpy after 40.5.
42.2-120.0: :ARGILLITE. Med gray. Siliceous and grading in places into a very f-grd gabbro. Dense to f-grd. Occasional bedding laminations @ 60-70°. Rare specks of cpy in scattered locations.
75.0-100.0: laminations @ 50°
100.0-120.0: " @ 50°

END OF HOLE - 120 ft.

LIST OF SAMPLES

			%Cu	Au (ozs)
#8210	23.0-25.0	2.0'	0.01	
8211	31.7-32.7	1.0	0.02	
8212	35.6-38.0	2.4	0.04	N11
8213	38.0-40.5	2.5	0.12	0.005



DIAMOND DRILL RECORD

PROPERTY	: Grand Valley Mining Co. Ltd.	HOLE NO.	: GV-6
LOCATION	: Davis Twp., District of Sudbury, Ontario.	DIP	: -70°
CLAIM NO.	: 397380	BEARING	: N 75° W
LATITUDE	: 1+90 N	LENGTH	: 163 ft. / 63 FT.
DEPARTURE	: 1+40 E of L-36-W	STARTED	: Mar. 2, 1975
DRILLED BY	: Ferguson Mining Services	FINISHED	: Mar. 6, 1975
CORE SIZE	: IEX	LOGGED BY	: H. Dowhaluk

0.0-47.0 :WATER, OVERBURDEN. Casing. Much gravel.
 19-20: Pebbles & boulders of granite, syenite, arkose and greenstone.
 22.5-25.0: Boulders and cobbles of greenstone, quartzite, diorite. Glacial material.

47.0-62.8 :ARGILLITE. Gray. Siliceous. F-grd to dense. Banded and laminated (annual layers- 6-10/inch) @ 90° to core. At 58.8, 1/2" band of gabbro and then a sudden change in bedding to 50° to core angle. Contact w next @ 60°. Rare scattered grains of pyrrhotite w minor chalcopyrite

62.8-63.8 :GABBRO. Med-grd.
 63.8-64.8 :ARGILLITE. Contains some small lumps of gabbro.
 64.8-66.0 :GABBRO. Med-grd. Grades rapidly into next.
 66.0-68.4 :ARGILLITE. Gray, f-grd to dense. Bedding @ 50° going to 30° towards end.

68.4-85.5 :GABBRO. Med-grd, massive.
 70.5-71.0: Some small bands of argillite @ 50°.

85.5-90.7 :VEIN ZONE. Probably a fault zone, a thrust of normal fault.
 85.5-86.0: Gray argillite @ 50° w 1/4" qtz stringers.
 86.0-88.0: F-grd gabbro.
 86.5-86.9, 87.2-87.4: Mostly white carbonate.
 88.0-90.7: White carbonate w some 50% black or dark gray qtz in lumpy masses.

90.7-163.0 :GABBRO. Med-grd, massive. Some foliation @ 50°. Finer grd after 130 ft.
 150.0-153.0: Few specks of py & rare cpy.
 150.0-160.0: F-grd and dark color.

END OF HOLE - 163 ft.

LIST OF SAMPLES

			Au (ozs)	Ag (ozs)
#8214	85.9-88.0	2.1 ft	Nil	
8215	88.0-90.6	2.6	Nil	Nil



DIAMOND DRILL RECORD

PROPERTY	: Grand Valley Mining Co. Ltd.	HOLE NO.	: GV-7
LOCATION	: Davis Twp., District of Sudbury, Ont.	DIP	: -70° -70°
CLAIM NO.	: 397380	BEARING	: N 75° W
LATITUDE	: 8+30 N	LENGTH	: 107 ft.
DEPARTURE	: 1+80 E 4.36 W	STARTED	: Mar. 9, 1975.
	: 0+90 S and 1+50 W of #1 P of Claim 397380.	COMPLETED	: Mar. 12, 1975.
		CORE SIZE	: IFX
DRILLED BY	: FERGUSON Mining Services	LOGGED BY	: H. Dowhaluk

0.0-27.0 : OVERBURDEN. Lako, muck, overburden. Casing.

27.0-31.7 : ARGILLITE. Gray. Distinct bedding @ 30° to 29.0 and 40° @ 31.0.
30.4-31.0: Lenses of gabbro.
Sharp slip contact w next @ 30°.

31.7-34.0 : GABBRO. Dk green, crse-grd, diabasic texture. Grades into next.

34.0-37.0 : ARGILLITE. Gray. Mostly massive. Bedding @ 20° near end. Grades into next.

37.0-38.5 : GABBRO. As above. Contact w next sharp @ 40° but conformable.

38.5-40.8 : ARGILLITE. Grades into next.

40.8-42.0 : GABBRO. Sharp contact w next @ 35°.

42.0-43.8 : ARGILLITE. Gray. F-grd. Contact w next sharp @ 20°.

43.8-107.0 : GABBRO. Med-crse-grd. Some epidote in places. Quite massive. Contains several small lenses of argillite, usually suffused, @ 50°. Minor streaks of red, earthy hematite.

107 ft.

No samples taken



DAVIS

Claim 397375

Claim 397375

Claim 397375
Claim 397376

GV-7
150'

Claim 397380
Claim 397380

GV-5
GV-6

1260'

1150'

Claim 397379
Claim 397379

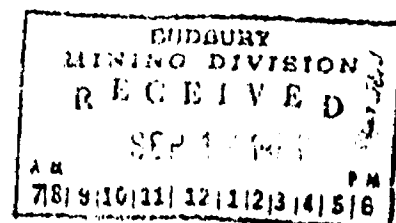
GRAND VALLEY MINING CO. LTD.
GRAND VALLEY MINING CO. LTD.
DAVIS TOWNSHIP
ONTARIO

SCALE 1 inch = 200 Feet

Handwritten signature

DAVIS Twp. #74-75
T. SOKOLOFF

8.0 feet drilled on claim	378137
329.0 feet " " "	378138
33.0 feet " " "	378139
155.0 feet " " "	397377
283.0 feet " " "	397379
<u>107.0 feet</u> " " "	397380
915.0 feet total	



Handwritten signature

DAVIS T
DAVIS



75-74
3.378137

OCT 7 1975



900

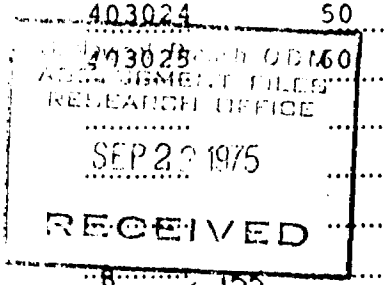
A separate form is required for each type of work to be recorded.

THE MINING ACT REPORT OF WORK
GRAND VALLEY MINING

To the Recorder of Sudbury Mining Division
T. Sokoloff - Grand Valley Mining A-41128
name of Recorded Holder
Suite 1014 - 111 Richmond Street West, Toronto, Ont. Miner's Licence
Post Office Address

do hereby report the performance of 915 days of diamond drilling
type of work DIAMOND DRILLING
not before reported to be applied on the following contiguous claims

Claim No.	Days	Claim No.	Days	Claim No.	Days
378135	50	397375	60	403024	50
378136	50	397376	80	397377	85
378137	60	397377	85	397378	50
378138	140	397378	50	397379	50
378139	80	397379	50	397380	50
378140	50	397380	50		



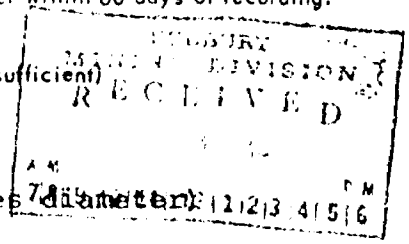
All the work was performed on Mining Claim (s) 378138, 378139, 378137, 397377, 397379 & 80
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)
WORK ASSIGNMENT S. 378138-189-381; S. 397377-70-3930
READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

WORK ASSIGNMENT S. 397379-233-3767; S. 397380-57-3943
For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations - Names and addresses of the men who performed the work and the dates and hours of their employment.
For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
For Compressed Air or Other Power Driven or Mechanical Equipment
Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
For Geophysical, Geological, Geochemical Surveys and Expenditure Credits - the name of author of report. Covering dates of survey (linecutting & office). Type of instrument used. Total amount of expenditure. Technical reports, maps, expenditure breakdown, receipts must be filed in duplicate with the Minister within 60 days of recording.
For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows:
Hole # GV-1 -45° 108 feet
Hole # GV-2 -45° 131 feet
Hole # GV-3 -45° 131 feet
Hole # GV-4 -45° 155 feet
Hole # GV-5 -45° 120 feet
Hole # GV-6 -70° 163 feet
Hole # GV-7 -70° 107 feet

(Attach a list if this space is insufficient)

(all core 1 1/8 inches diameter)



Drilling carried out by Ferguson Mining Services Limited, Matachewan, Ontario during period Nov. 9, 1974 and March 12, 1975.

Date August 11, 1975

Signature of Recorded Holder or Agent

The Mining Act
Certificate Verifying Report of Work

James D. McCannell, P. Eng.
326 Adelaide Street West, Toronto, Ontario
(Post Office Address)

hereby certify:

1. That I have a personal and intimate knowledge of the facts set forth in the report of work annexed hereto, having performed the work or witnessed same during and/or after its completion.
2. That the annexed report is true.

Dated AUG 11 1975

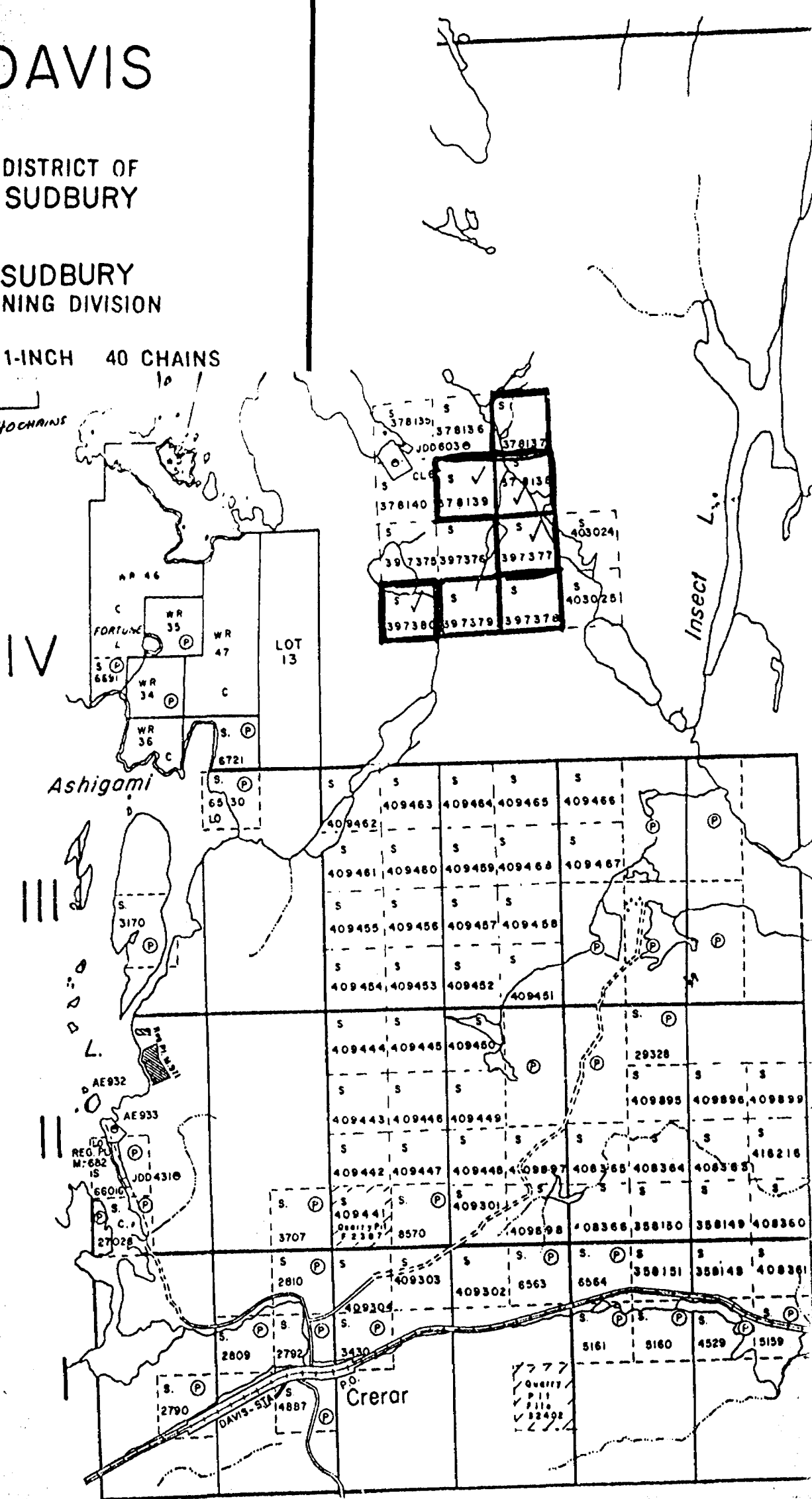
Signature

THE PENALTY FOR MAKING A FALSE STATEMENT IN THIS REPORT AND/OR CERTIFICATE IS \$500. OR SIX MONTHS IMPRISONMENT OR BOTH

$11 = 40 \text{ CHAINS}$

Kelly

Scadding Twp. (M-1092)



✓ 7 7 7
✓ Quarry
✓ P 11
✓ File
✓ 82402