41P12SW0053 37 CHESTER

DIAMOND DRILLING

TOWNSHIP: CHESTER REPORT NO.37

WORK PERFORMED FOR: Isaac Burns

RECORDED HOLDER: Same as above [xx]
: Other [ ]

Claim No.	Hole No.	Footage	Date	Note
P 894839	CH-87-1	300'	Feb/87	(1)
	CH-87-2	280'	Feb/87	(1)
	CH-87-3	290'	Feb/87	(1)
		870'		

NOTES: (1) # 93/87, filed Jan 25/88.

DIAMOND DRILL RECORD

LOGGED BY D. CONSTABLE

CONSTABLE CONSULTING INC.

PROPERTY CHESTER TOWNSHIP - ISAAC BURNS

D.D.H. No. CH-87-1 PAGE 1 of 6

LATITUDE

BEARING OF HOLE 205° (Ast.)

STARTED Feb. 12, 1987

CLAIM No. P-894839

DEPARTURE

DIP OF HOLE -45°

COMPLETED Feb. 14, 1987

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION

DIP TESTS Nil

DEPTH 300.0'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY				
0.0	42.6	CASING									
42.6	44.3	Mylonized Granodiorite									
		Grey to grey-white, soft, blocky, medium-grained rock comprised of feldspar, minor to major quartz content, biotite (to 42.3'), sericite and ferro-mags. Gneissic in texture at 72.0' to C.A.									
44.3	53.1	Mylonized Granodiorite									
		Grey to white, harder than average, massive, rock comprised of sheared quartz, feldspar, sericite, and blue irregularly shaped quartz eyes. Contains 1-2% disseminated pyrite and chalcopyrite blebs throughout matrix and along irregular white quartz-carbonate veins parallel to structural shearing plane. (At 81° to C.A.).									

DIAMOND DRILL RECORD

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PROPERTY CHESTER TOWNSHIP - ISAAC BURNS

D.D.H. No. CH-87-1 PAGE 2 of 6

LATITUDE

BEARING OF HOLE 205° (Ast)

STARTED Feb. 12, 1987

CLAIM No. P- 894839

DEPARTURE

DIP OF HOLE -45°

COMPLETED Feb. 14, 1987

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION

DIP TESTS Nil

DEPTH 300.0'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY				
		From 52.2' to 52.9' a white quartz vein at 81° to C.A. with finely									
		bedded meta-tuff on both contacts. Vein contains 2-3% pyrite-									
		chalcopyrite blebs.									
		Sharp Conformable Out Contact									
53.1	63.7	Granodiorite									
		Grey-white, fine-grained, soft, massive finely-bedded to 88°									
		to C.A. Unmineralized rock, comprised of feldspar, quartz									
		and sericite.									
		Conformable Slightly Gradational Out Contact									

DIAMOND DRILL RECORD

LOGGED BY D. CONSTABLE CONSTABLE CONSULTING INC.

PROPERTY CHESTER TOWNSHIP - ISAAC BURNS

D.D.H. No. CH-87-1 PAGE 3 of 6

LATITUDE _____ BEARING OF HOLE 205° STARTED Feb. 12, 1987

CLAIM No. P-894839

DEPARTURE _____ DIP OF HOLE -45° COMPLETED Feb. 14, 1987

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION _____ DIP TESTS Nil DEPTH 300.0'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY				
63.7	118.5	Intermediate Metatuff (Mylonized?)									
		Grey, medium-grained, massive, with a faint sheared texture at 85° to C.A.									
		Rock contains porphroblasts of irregular white-grey feldspar and quartz. Rock is criss-crossed by irregular quartz fractures with bleached 1/4" wide alteration zones around them.									
		From 83.7' - 85.5' numerous (1-2%) pyrite-chalcopyrite blebs plus a 1-foot section of finely bedded tuff is present as per section 53.1-63.7'									
		From 85.5' onwards rock reverts to blue quartz eyed massive hard metatuff containing 1% irregular pyrite-chalcopyrite blebs and bands (such as at 86.1'). By 99.0' blue quartz eyes become less pronounced and finally disappear, as does the 1% sulfides.									
		Sharp Conformable Out Contact									

DIAMOND DRILL RECORD

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PROPERTY CHESTER TOWNSHIP - ISAAC BURNS

D.D.H. No. CH-87-1 PAGE 4 of 6

LATITUDE

BEARING OF HOLE 205° (Ast)

STARTED Feb. 12, 1987

CLAIM No. P-894839

DEPARTURE

DIP OF HOLE -45°

COMPLETED Feb. 14, 1987

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION

DIP TESTS Nil

DEPTH 300.0'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY				
118.5	126.3	Mylonized Mafic Metasediment.									
		Grey to olive grey, soft, biotite-rich material. Non-magnetic and unmineralized. Contains bonding (faint) at 83° to C.A.									
126.3	300.0	Mylonized Granodiorite									
		Hard, grey, massive rock comprised of quartz feldspar and biotite-hornblende with traces of pyrite blebs. Irregular chlorite-lined bleached fractures cross the units at low angles to the C.A. together with high angled white quartz veins accompanied by hematization (slightly pink). Minor sulfides occur in or near the quartz veins.									
		The rock continues to contain finer-grained bleached silicified									

DIAMOND DRILL RECORD

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PROPERTY ~~CHESTER TOWNSHIP~~ ISAAC BURNS

D.D.H. No. CH-87-1 PAGE 5 of 6

LATITUDE

BEARING OF HOLE 205° (Ast) STARTED Feb. 12, 1987

CLAIM No. P-894839

DEPARTURE

DIP OF HOLE -45° COMPLETED Feb. 14, 1987

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION

DIP TESTS ~~Nil~~ DEPTH 300.0'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY				
		~~slightly mineralized mylonite~~ sections with or without quartz									
		veins.									
		From 202.4 - 203.3' slightly hematized quartz vein system.									
		~~From 207.6 onwards to 219.0' rock is slightly bleached, finer-~~									
		~~grained and altered. Probable silicified zone.~~									
		Rock after 219.0' continues to contain ½% pyrite-chalcopyrite									
		blebs and chlorite-lined low-angled mylonite zones.									
		From 230.5' to 239.7' distinct blue quartz eyed section.									
		Again from 254.6 to 272.5' a distinct blue quartz eye section									
		with massive beds of pyrite-chalcopyrite and sphalerite at									
		87° to C.A. Section also contains 2-3% blebs of pyrite and									
		minor chalcopyrite.									

DIAMOND DRILL RECORD

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PROPERTY CHESTER TOWNSHIP - ISAAC BURNS

D.D.H. No. CH-87-1 PAGE 6 of 6

LATITUDE

BEARING OF HOLE 205° (Ast)

STARTED Feb. 12, 1987

CLAIM No. P-894839

DEPARTURE

DIP OF HOLE -45°

COMPLETED Feb. 14, 1987

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION

DIP TESTS Nil

DEPTH 300.0'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY				
		After 272.5' rock becomes coarse to medium-grained and lacks quartz eyes and sulfides (trace only) to 300.0'.									
		END OF HOLE CH-87-1 is at 300.0'.									

GEOLOGICAL ASSOCIATION OF CANADA
DAVID W. CONSTABLE
FELLOW

DIAMOND DRILL RECORD

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PROPERTY CHESTER TOWNSHIP PROPERTY - ISAAC BURNS

D.D.H. No. CH-87-2 PAGE 1 of 4

LATITUDE _____ BEARING OF HOLE 217° (Ast) STARTED Feb. 14, 1987

CLAIM No. P-894839

DEPARTURE _____ DIP OF HOLE -45° COMPLETED Feb. 16, 1987

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION _____ DIP TESTS Nil DEPTH 280.0'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY				
0.0	62.0	CASING (Lake)									
62.0	104.9	Granodiorite									
		Grey, slightly blocky, hard, medium-grained rock containing sub-rounded blue quartz eyes and 1/2 - 1 % disseminated pyrite and infrequent chalcopyrite. The sulfides also line fractures.									
		From 79.0 - 79.4' a fine-grained metasediment unit with sharp In and Out Contacts at 68° to C.A.									
		At 82.2' a 1" wide vein at 26° to C.A. contains blebs of fine pyrite and biotite-chlorite books.									
		By 89.0' rock becomes slightly coarser and contains only traces of sulfides.									
		Sharp Out Contact at 88° to C.A.									

DIAMOND DRILL RECORD

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PROPERTY CHESTER TOWNSHIP PROPERTY - ISAAC BURNS

D.D.H. No. CH-87-2 PAGE 2 of 4

LATITUDE _____ BEARING OF HOLE 217° (Ast) STARTED Feb. 14, 1987

CLAIM No. P-894839

DEPARTURE _____ DIP OF HOLE -45° COMPLETED Feb. 16, 1987

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION _____ DIP TESTS Nil DEPTH 280.0'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY				
104.9	109.6	Mylonized Metasediment									
		Grey to grey-green, softer, massive biotitic gneiss. Contains									
		only traces of sulfides.									
		Sharp Conformable Out Contact at 88° to C.A.									
		and a 2" wide quartz vein with chalcopyrite on contact.									
109.6	178.8	GRANODIORITE									
		Grey, to grey-white, broad, massive with blue quartz eyes.									
		By 119.0' the rock has become mylonized with hairline black									
		fractures present as well as some pink hematization.									
		Sulfides mostly pyrite comprise ½% of the rock.									

DIAMOND DRILL RECORD

LOGGED BY D. CONSTABLE

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PROPERTY CHESTER TOWNSHIP PROPERTY - ISAAC BURNS

D.D.H. No. CH-87-2 PAGE 3 of 4

LATITUDE

BEARING OF HOLE 217° (Ast)

STARTED Feb. 14, 1987

CLAIM No. P-894839

DEPARTURE

DIP OF HOLE -45°

COMPLETED Feb. 16, 1987

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION

DIP TESTS Nil

DEPTH 280.0'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY				
178.8	179.8	SHEARED METATUFF									
		Green-grey, sheared rock, soft and slightly blocky, contains chlorite shears at 47° to C.A. with crenulation quartz-rich beds sub-parallel to C.A. Unmineralized with sharp conformable In and Out Contacts at 83° to C.A.									
179.8	254.9	GRANODIORITE									
		Grey to grey-white, hard, massive medium-grained containing irregular blue quartz eyes.									
		Sharp Iron-Rich Intrusive Out Contact									

DIAMOND DRILL RECORD

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PROPERTY CHESTER TOWNSHIP PROPERTY - ISAAC BURNS

D.D.H. No. CH-87-2 PAGE 4 of 4

LATITUDE _____ BEARING OF HOLE 217° (Ast) STARTED Feb.14, 1987

CLAIM No. P-894839

DEPARTURE _____ DIP OF HOLE -45° COMPLETED Feb. 16, 1987

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION _____ DIP TESTS Nil DEPTH 280.0'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY				
254.9	273.5	DIABASE									
		Black-green, fine-grained, soft iron-rich (hematite) and barren with a few yellow feldspar phenocrysts.									
273.5	280.0	GRANODIORITE									
		Grey, massive, hard medium-grained rock with slight mylonization and traces of sulfide.									
		END OF HOLE CH-87-2 is at 280.0'									

ASSOCIATION OF GEOLOGICAL ... CANADA
DAVID W. CONSTABLE
April 27/87
FELLOW

DIAMOND DRILL RECORD

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PROPERTY CHESTER TOWNSHIP PROPERTY - ISAAC BURNS

D.D.H. No. CH-87-3 PAGE 1 of 5

LATITUDE _____ BEARING OF HOLE 217° (Ast) STARTED Feb. 16, 1987

CLAIM No. P-894839

DEPARTURE _____ DIP OF HOLE -45° COMPLETED Feb. 18, 1987

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION _____ DIP TESTS Nil DEPTH 290.0'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY				
0.0	36.0	CASING (Lake)									
36.0	47.7	GRANODIORITE									
		Grey and grey-white, massive, hard featureless, medium-grained rock. Only traces of sulfide as disseminates.									
		At 42.6, a 1/4" wide seam of massive chalcopyrite and pyrite. Sharp Conformable Out Contact at 85° to C.A.									
47.7	53.6	Metasediment									
		Black, soft, massive unit of biotite-rich, slightly gneissic rock. Gneiss is conformable to contacts and may represent bedding. Rock is fine to medium-grained and barren of sulfides. Sharp Out Contact at 38° to C.A.									

DIAMOND DRILL RECORD

LOGGED BY D. CONSTABLE

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PROPERTY CHESTER TOWNSHIP PROPERTY - ISAAC BURNS

D.D.H. No. CH-87-3 PAGE 2 of 5

LATITUDE

BEARING OF HOLE 217° (Ast.)

STARTED Feb 16, 1987

CLAIM No. P-894839

DEPARTURE

DIP OF HOLE -45°

COMPLETED Feb. 18, 1987

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION

DIP TESTS Nil

DEPTH 290.0'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY				
53.6	75.9	Silicified Granodiorite									
		Grey, hard, contains 2-3% disseminated pyrite and traces of chalcopyrite.									
		Most intense zone is from 53.6 to 55.2									
		Zone contains several distinct semi-massive to massive layers of pyrite-chalcopyrite and sphalerite at 68.7-69.0, and 74.3-75.9. Conformable Out Contact (Sharp) at 67° to C.A.									
75.9	107.6	Mafic Metatuff									
		Dark green, soft, distinctly layered at 67° to C.A.									
		Fine-grained and chloritic. Contains 3-5% white quartz carbonate layers parallel to bedding (?) layering. Contains only traces of finely disseminated pyrite.									

DIAMOND DRILL RECORD

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PROPERTY CHESTER TOWNSHIP PROPERTY - ISAAC BURNS

D.D.H. No. CH-87-3 PAGE 3 of 5

LATITUDE

BEARING OF HOLE 217° (Ast.)

STARTED Feb. 16, 1987

CLAIM No. P-894839

DEPARTURE

DIP OF HOLE -45°

COMPLETED Feb. 18, 1987

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION

DIP TESTS Nil

DEPTH 290.0'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY				
		~~Sharp Conformable Out Contact at 85° to C.A.~~									
107.6	290.0	Granodiorite									
		Grey, massive, hard, medium-grained and mylonized in places by altered hairline fractures. ~~Contains 1/2% of disseminated pyrite.~~									
		From 116.7 - 118.8' green mafic metatuff unit conformable with and in sharp contact with granodiorite.									
		Some finer-grained blue quartz eyed areas are noted such as at 124.0'									
		From 135.1-138.5' Conformable green, mafic metasediment unit. Contains fragments of granodiorite rock.									

DIAMOND DRILL RECORD

LOGGED BY D. CONSTABLE

CONSTABLE CONSULTING INC.

PROPERTY CHESTER TOWNSHIP PROPERTY - ISAAC BURNS

D.D.H. No. CH-87-3 PAGE 4 of 5

LATITUDE

BEARING OF HOLE 217° (Ast.)

STARTED Feb. 16, 1987

CLAIM No. P-894839

DEPARTURE

DIP OF HOLE -45°

COMPLETED Feb. 18, 1987

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION

DIP TESTS Nil

DEPTH 290.0'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY				
		At 139.0' a small 1½" wide semi-massive sulfide band with pyrite									
		and chalcopyrite.									
		From 158.8 - 159.4' a black chloritic mylonite.									
		From 168.8 - 169.9' a dark conformable layer of metasediment									
		with quartz veins and chalcopyrite.									
		At 177.3 a zenolith of dark sub-angular material.									
		At 199.9 a 1" wide white quartz vein with black mylonitic									
		fractures below it.									
		From 250.0' - 252.1' a zone of blue quartz eyes and white									
		quartz veins.									
		From 270.4 - 272.5' - A zone of quartz eyes and quartz veins									
		with pyrite.									

DIAMOND DRILL RECORD

LOGGED BY D. CONSTABLE — CONSTABLE CONSULTING INC.

PROPERTY: CHESTER TOWNSHIP PROPERTY

D.D.H. No. CH-87-3 — PAGE 5 of 5

LATITUDE: — BEARING OF HOLE: 217° (Ast) — STARTED: Feb. 16, 1987

CLAIM No. P-894839

DEPARTURE: — DIP OF HOLE: -45° — COMPLETED: Feb. 18, 1987

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION: — DIP TESTS: Nil — DEPTH: 290.0'

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE No.	FOOTAGE FROM	FOOTAGE TO	SAMPLE LENGTH	ASSAY				
		From 275.9 - 277.7 - two bands of slightly gneissic biotite-									
		rich meta sediments with a conformable sharp contacted blue									
		eyed quartz granodiorite band.									
		1/2 to 1% disseminated pyrite.									
		From 279.2 - 279.5' black gneissic barren metasediment.									
		From 289.0 - 290.0' - green mafic metatuff.									
		END OF HOLE CH-87-3 is at 290.0'									

GEOLOGICAL ASSOCIATION OF CANADA — DAVID W. CONSTABLE — April 27/87 — FELLOW

Ministry of Natural Resources
Ontario

Report of Work

93/87

The Minir

41P12SW0053 37 CHESTER

900

Name and Postal Address of Recorded Holder

ISAAC BURNS | C-23428

1073 Stafford Street, Sudbury, Ontario

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
870	P	894839	870						

for Performance of the following work. (Check one only)

- [ ] Manual Work
- [ ] Shaft Sinking Drifting or other Lateral Work.
- [ ] Compressed Air, other Power driven or mechanical equip.
- [ ] Power Stripping
- [X] Diamond or other Core drilling
- [ ] Land Survey

All the work was performed on Mining Claim(s): P-894839

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

970 FEET OF BQ CORE

CONTRACTOR: Triangle Drilling Company Limited
106 Fielding Road
Lively, Ontario
POM 2E0

DATES OF WORK: February 12 - February 18, 1987

RECORDED
APR 28 1987
ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
RESEARCH OFFICE

JUN 17 1987
RECEIVED

Date of Report	Recorded Holder or Agent (Signature)
April 27, 1987	D W Constable

Certification Verifying Report of Work

I hereby certify 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 and the annexed report is true.

Name and Postal Address of Person Certifying

DAVID CONSTABLE, Constable Consulting Inc.
10 Kingston Court, Sudbury, Ont., P3A 1C9

Date Certified	Certified by (Signature)
April 27, 1987	D W Constable

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed Air, other power driven or mechanical equip.	Type of equipment		
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.		Work Sketch (as above) in duplicate
Land Survey	*Name and address of Ontario land surveyor.*	Nil	Nil

RECEIVED
APR 28 1987
PORCUPINE MINING DIVISION

768 (81/3)

/80 19/2/80 S.R.O. 171509

SAND AND GRAVEL

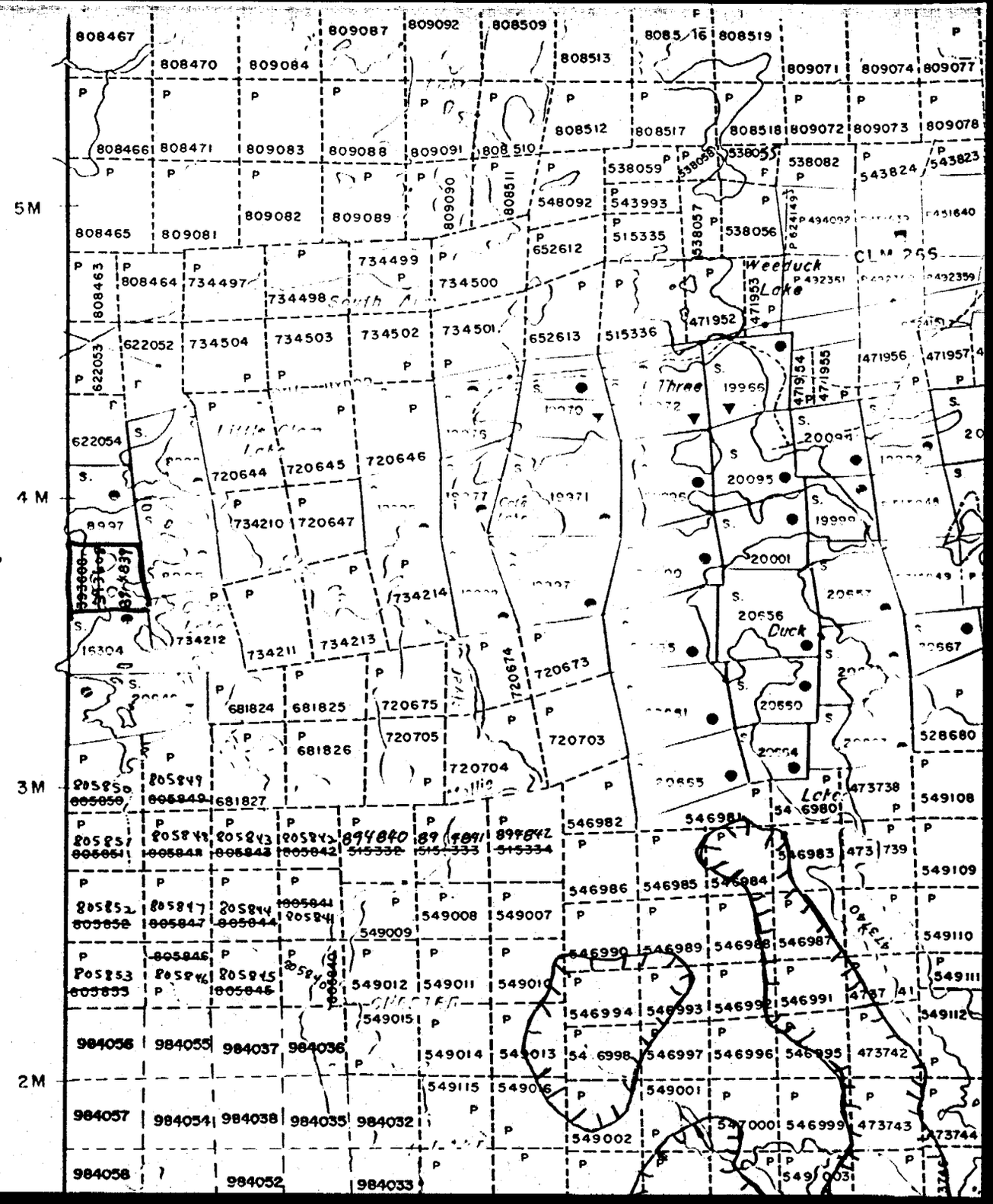
RY PERMIT

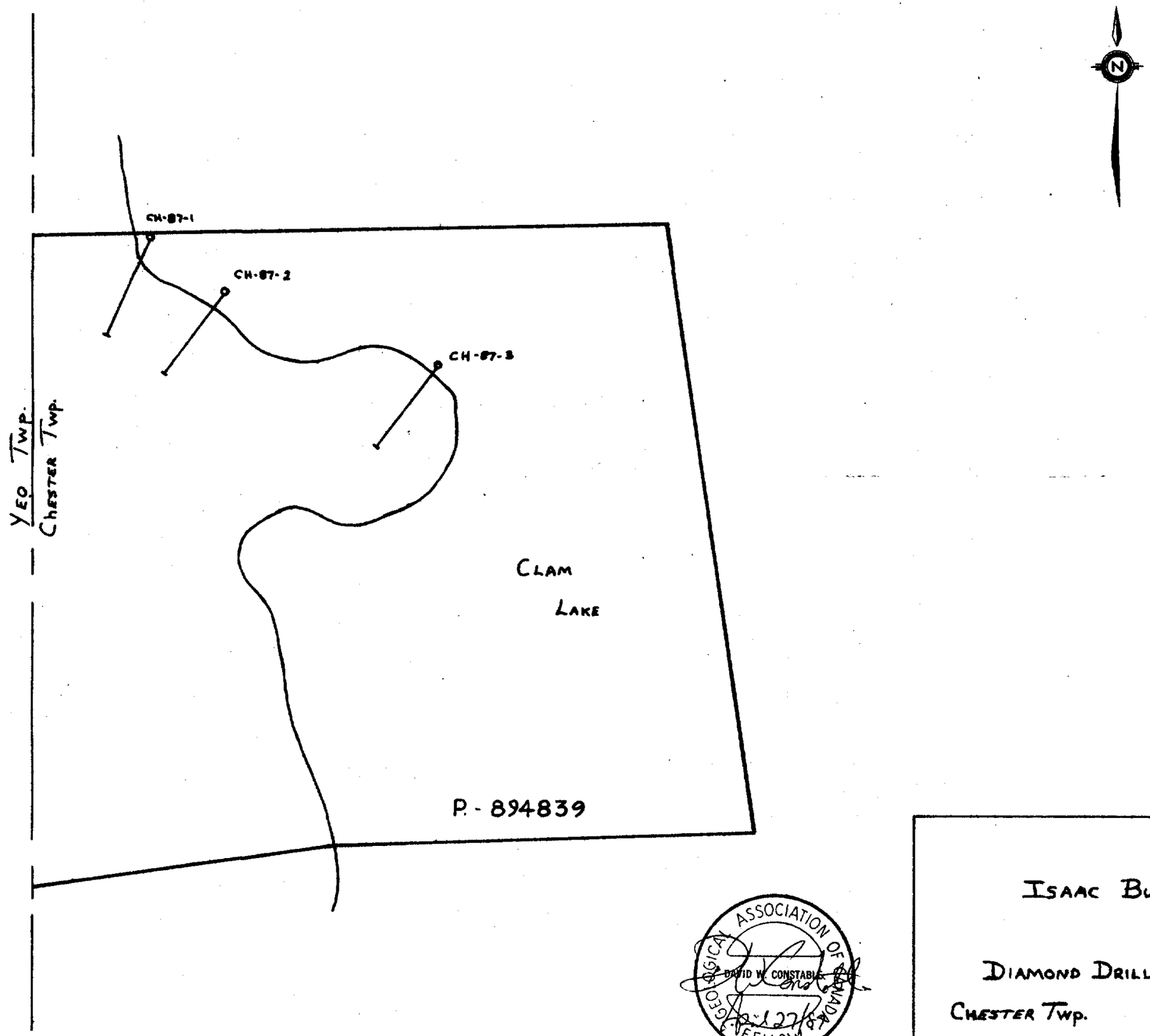
PIT No. 1349

GRAVEL PIT No. 1649

GRAVEL PIT No. 1385

Chester Twp.





ISAAC BURNS

DIAMOND DRILL PLAN

CHESTER TWP. ONTARIO

SCALE 1 inch = 200 feet

April 1987

41P12SW0053 37 CHESTER

200