



52J07NE8841 11 POISSON

DIAMON.

TOWNSHIP: POISSON TWP.

REPORT NO: 11

WORK PERFORMED FOR: Placer Dome Inc.

RECORDED HOLDER: SAME AS ABOVE (xx)

: OTHER ()

<u>CLAIM NO.</u>	<u>HOLE NO.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
TB 820983 & TB 820984	387-002	229'	Sept/89	(1)

NOTES: (1) # W8903.165, filed Nov/89

PLACER DOME INC.

REF CORD: 9890.0 10035.0 SURVEYED: NO

DIAMOND DRILL RECORD

LOCATION: 1+10 S L0+35 E GRID: ONE PINE

HOLE NO: 387-002

PROPERTY: ONE PINE LAKE, ON.
PROJECT 387

POST LOCATION: 110FT. WEST, 570FT. NORTH TO POST #4 TB820983

SECTION:

AZIMUTH: 313.0

LENGTH: 229.0

ELEVATION: .0

LOGGED BY: CRAIG KELLY

DIP: -45.0

CORE SIZE: BQ

SYSTEM OF MEASURE: IMPERIAL

DATE LOGGED: SEPT 17, TO SEPT 18.1989

STARTED: SEPT. 16, 1989

COMPLETED: SEPT 17, 1989

CLAIM NO: TB820983 (219 FT.) TB820984 (10 FT.)

DIP TESTS (corrected)

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
229.00		-44.0			

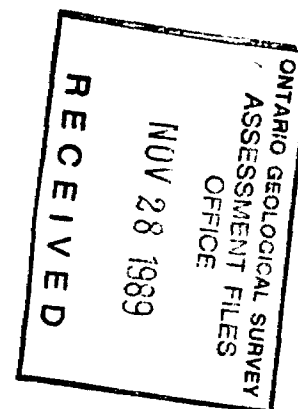
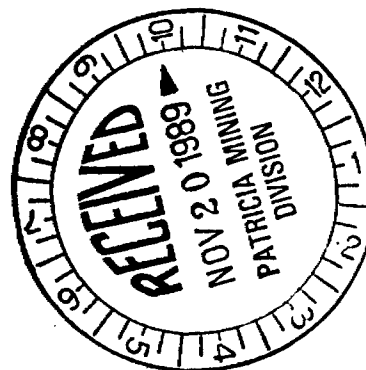
FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t	RERUN	REJECT	AVERAGE
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.00	8.00	OVERBURDEN AND CASING								
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8.00	104.80	GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND >5% TO <30% MAGNETITE IRON FORMATION								
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Greywacke and subgreywacke\sandstone interbedded with 20% magnetite iron formation and minor silty\argillaceous sediments.

Have a section of dominant greywacke with 5-10% subgraywacke\sandstone, 5-10% silty and argillaceous sediments and +/- 20% Magnetite Iron Formation. Greywackes fine to medium grained, generally massive with light grading of beds confined to short beds approximately 4 inches; often within magnetic rich sections. Grading often culmmates in silt sized fraction. Sandstone\subgreywackes usually dicrete massive beds, generally not very siliceous. Tend to be coarse grained. Argillaceous and silty sediments tend to be found dominantly within thin-bedded sections of alternating magnetite iron formation \greywacke\argillitite and silty beds which are 1-3inches thick. Have an almost cycical rhythm to these sections (eg. Average 85-88ft.).These bed probably of greywacke composition plus appreciable magnetite content. Magnetite iron formation dominated by laminar bands approxiately 70:30 over massive beds - average width of uninterrupted magnetite iron formation, 2-3 inches, with longest continuous section of 90%. Magnetite iron formation, approximately 1.6 inches wide (approximately 30-32.6 ft.). Very little development of coarse ankerite crystals. Quartz -ankerite laminae vary from 3-30%, and cherty laminae scarce but do occur in appreciate amounts in a few section (eg. 30-31.6 ft.,



PLACER DOME INC.
DIAMOND DRILL RECORD

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FROM TO -----DESCRIPTION----- SAMPLE FROM TO LENGTH Au g/t RERUN REJECT AVERAGE

21.5ft., and 103 ft.). Quartz vein, and quartz - ankerite veins scarce and tend to occur in silicified, hematitized, chloritized, and oxidized clastics, often with irregular, and odd angles to the core axis. Pyrite mineralization averages nil to trace amounts, with isolated coarse cubes in magnetite iron formation, and clastics. Minor concentrations associated with some quartz \ quartz - ankerite veins and stringers. Chloritization of sediments common along fracture slips, bed contacts, and throughout finer grained clastics. Bleaching, and chloritization of sediments occurs in the vicinity of some quartz veins. Lightly silicified greywacke \ sandstones. Most beds cut core at 55- 60 degrees to the core axis, some at 50 degrees to the core axis. Blocky at 7-8ft., 13-14ft. 21.5-27ft, with >95% core recovery.

From 9.0 feet to 11.3 feet have coarse grained quartz veins at 70 degrees to the core axis, then greywacke with oxidized carbonate lined fractures parallel to bedding, which is orientated along core axis. At 11.00 feet have oxidized greywacke and magnetite iron formation.

From 11.3 feet to 14.3 feet have interbedded greywacke and, magnetite iron formation, with bleached oxidized and blocky rock at 14.0 feet with minor sulphidized magnetite iron formation laminae and 1% disseminated pyrite in greywacke just above blocky section. From 14.3 feet to 17.3 feet have narrow interbeds of greywacke, and magnetite iron formation. Have quartz veins at 16.0 feet, to 16.4 feet in bleached greywacke with 1% pyrite as disseminations, and lining oxidized stringers around veins. Have quartz vein 60 degrees to the core axis From 17.3 feet to 20.0 feet have 70% magnetite iron formation with greywacke, and sandstone. Have visible folding, and foliation at 40 degrees to the core axis, and 55 degrees to the core axis in laminar magnetite iron formation. There is trace pyrite coarse cubes in sandstone at 19.5 feet. Have minor quartz - ankerite stringers. From 20.0 feet to 22.3 feet have 80% magnetite iron formation with 30%, 0.03-.05 inch cherty bands at 21.5 ft. There is 5% quartz ankerite laminae, and minor quartz ankerite filled fine fractures at low angles to the core axis. From 22.3 feet to 25.0 feet have several 0.125- 0.25 inch wide quartz - ankerite veins in bleached greywacke with 7% pyrite associated at 22.5-25.0 feet. From 25.0 feet to 27.0 feet have the following: have blocky bleached oxidized greywacke, from 25.2-25.6 ft, then interbedded sediments with 30% magnetite iron formation. From 30.5 feet to 32.0 feet have 35% laminar magnetite iron formation in greywacke, and minor quartz - ankerite stringers parallel to beds, barren. From 35.0 feet to 38.0

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FROM	TO	-----DESCRIPTION-----	SAMPLE	FROM	TO	LENGTH	Au g/t	RERUN	REJECT	AVERAGE	
		feet have 50% laminar magnetite iron formation cherty laminae near upper contact, and 2% quartz - ankerite stringers at 70-80 degrees to the core axis, barren. From 38.0 feet to 39.5 feet have interbedded magnetite iron formation and sediments, with minor quartz - ankerite laminae. Barren. From 43.0 feet to 45.0 feet have irregular cherty patches near magnetite iron formation laminae, within silty greywacke, and oriented parallel to beds. Have quartz - ankerite crack seal veins at 50 degrees to the core axis to 10% of core from 43.7 feet to 44.5 feet. Barren. From 46.6 feet to 48.0 feet have the following: quartz - ankerite veins in hematitized silicified greywacke at 46.6 feet then massive greywacke. Barren. From 64.5 feet to 66.2 feet have interbedded magnetite iron formation greywacke with medium grained pyrite lining quartz - ankerite laminae at upper contact, and odd coarse grained pyrite cube within magnetite iron formation sediments. From 67.2 feet to 70.1 feet have interbedded magnetite iron formation and sediments at upper, and lower boundary of interval. Have coarse grained pyrite patch (sulfidization) of magnetite iron formation bed at 67.8 feet. From 85.5 feet to 87.0 feet have interbedded magnetite iron formation, greywacke, and silty beds. At 86.2 ft. Have quartz - ankerite stringers 40 degrees to core axis. Barren. From 99.0 feet to 102.0 feet have interbedded sediments, and 5% magnetite iron formation at 101.2ft. Have very fine grained pyrite near 0.25 inch wide coarse grained quartz - ankerite vein. From 102.0 feet to 104.8 feet have sheared foliated magnetite iron formation, silty greywacke, and quartz - ankerite stringers at 50 degrees to the core axis, and foliation 65 degrees to the core axis. Have 30% cherty laminae 0.1 inch wide in magnetite iron formation 102.5ft.									
	9.00	11.30 GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND >5% TO <30% MAGNETITE IRON FORMATION.	D35148	9.00	11.30	2.30					
	11.30	14.30 GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND >5% TO <30% MAGNETITE IRON FORMATION.	D35149	11.30	14.30	3.00					
	14.30	17.30 GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND >5% TO <30% MAGNETITE IRON FORMATION.	D35150	14.30	17.30	3.00					
	17.30	20.00 MAGNETITE IRON FOMATION WITH SANDSTONE.	D35151	17.30	20.00	2.70					
	20.00	22.30 MAGNETITE IRON FORMATION.	D35152	20.00	22.30	2.30					
	22.30	25.00 GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND <5% MAGNETITE IRON FORMATION.	D35153	22.30	25.00	2.70					
	25.00	27.00 GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND >5% TO <30% MAGNETITE IRON FORMATION.	D35154	25.00	27.00	2.00					
	30.50	32.00 MAGNETITE IRON FORMATION WITH MINOR GREYWACKE, ARGILLITE AND SANDSTONE.	D35155	30.50	32.00	1.50					
	35.00	38.00 MAGNETITE IRON FORMATION.	D35156	35.00	38.00	3.00					
	38.00	39.50 MAGNETITE IRON FORMATION WITH MINOR GREYWACKE,	D35157	38.00	39.50	1.50					

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t	RERUN	REJECT	AVERAGE
		ARGILLITE AND SANDSTONE.								
43.00	45.00	GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND >5% TO <30% MAGNETITE IRON FORMATION.	D35158	43.00	45.00	2.00				
46.60	48.00	GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND <5% MAGNETITE IRON FORMATION.	D35159	46.60	48.00	1.40				
64.50	66.20	MAGNETITE IRON FORMATION WITH MINOR GREYWACKE, ARGILLITE AND SANDSTONE.	D35160	64.50	66.20	1.70				
67.20	70.10	MAGNETITE IRON FORMATION WITH MINOR GREYWACKE, ARGILLITE AND SANDSTONE.	D35161	67.20	70.10	2.90				
85.50	87.00	MAGNETITE IRON FORMATION WITH MINOR GREYWACKE, ARGILLITE AND SANDSTONE.	D35162	85.50	87.00	1.50				
99.00	102.00	GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND >5% TO <30% MAGNETITE IRON FORMATION.	D35163	99.00	102.00	3.00				
102.00	104.80	MAGNETITE IRON FORMATION WITH MINOR GREYWACKE, ARGILLITE AND SANDSTONE.	D35164	102.00	104.80	2.80				

104.80 229.00 GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND <5% MAGNETITE IRON FORMATION

Greywacke with minor arenaceous, silty \ argillaceous sediments and magnetite iron formation (<5%). Dominantly massive medium grained greywacke, with several thick beds grading to silty sediments down hole (e.g. 106-109ft). Silty to argillaceous beds most prevalent, making up 15-20% of section, and thicker (up to 4ft. Thick) magnetite iron formation confined to thin beds mixed with sediments - magnetite iron formation rich sections maximum 7.5ft. (194ft.), average 2-3in. Coarse grained quartz - veins with ankerite lining, generally barren except where noted in intervals, and occurring throughout the hole, making up +\ 7% of section. Generally within medium grained greywacke, at 60-70 degrees to the core axis but but range from 40 degrees to 90 degrees to the core axis At 212 feet and 222 feet have sediments of lightly silicified, and hematized greywacke associated with quartz - ankerite veins. Several of laminar magnetite iron formation beds contain pink - dark red cherty laminae, but rare. Core cut by beds 55-60 degrees to the core axis. From 124.4 feet to 126.2 feet have massive greywacke at 80 degrees to the core axis. Have 20% medium grained 0.125 inch wide stringers, with Pyrite lining stringers. Sheared zone 60 degrees to the core axis. From 126.6 feet to 128.5 feet have 7 inch wide quartz - ankerite vein 90 degrees to the core axis and at 126.2ft. Have 0.25 inch wide vein at 128.4 feet at 45 degrees to the core axis. Barren. From 141.2 feet to 143.2 feet have the following: have a 0.25 inch wide quartz - ankerite vein lined with 5% medium grained pyrite in silty greywacke at bottom of interbedded sequence at 141.2-141.8ft., then 7% coarse

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t	RERUN	REJECT	AVERAGE	
		grained pyrite cubes in magnetite iron formation laminae (sulfidation) at end of sample, chert laminae. From 143.2 feet to 145.1 feet have 1% coarse grained pyrite cubes in laminae magnetite iron formation at 143.6ft, and have 5% quartz - ankerite laminae or irregular fracture fillings in interbedded sediments magnetite iron formation. From 145.1 feet to 146.5 feet have two 0.25 inch coarse grained quartz - ankerite veins at 55 degrees to the core axis, in hematitized and silicified graded greywacke at 146.5 feet. From 157.5 feet to 160.5 feet have 1% the following: at 158.3 feet have coarse grained pyrite lining quartz - ankerite stringers in foliated magnetite iron formation, at 50-60 degrees to the core axis. Have irregular quartz - ankerite interconnected veins, and stringers due to shearing cut through interbedded clastics, magnetite iron formation obliquely 40-65 degrees to the core axis. Barren. From 171.5 feet to 173.6 feet have several quartz, quartz - ankerite veins, 0.1-0.4 inches wide cutting greywacke at 60 degrees to the core axis, and 80-90 degrees to the core axis. Barren. From 181.9 feet to 183.5 feet have several quartz, quartz - ankerite veins, 0.1-0.4 inches wide cutting greywacke 60 degrees to the core axis, 80-90 degrees to the core axis. Barren. From 193.7 feet to 195.2 feet have trace coarse grained pyrite lining laminae in interbedded magnetite iron formation (60%) and greywacke section. From 205.5 feet to 207.5 feet have oxidized, chloritized, lightly silicified greywacke with quartz - ankerite veins at 60-70 degrees to the core axis. Barren. Strong alteration at 206.3 feet. Majority of sample unaltered. From 210.0 feet to 213.0 feet have coarse pyrite cubes in dark red magnetite - chert? laminae at 210.0ft. Have lightly oxidized greywacke at 211.3 ft., to 212.2ft., and 30% laminae and massive magnetite iron formation in lower 5ft. Of interval. From 215.0 feet to 218.0 feet have foliated microfolded magnetite iron formation in interbedded sequence of iron formation -greywacke - argillite. At 217.9 feet have 20% pyrite in thin quartz vein 60 degrees to the core axis that is cut off by a quartz ankerite filled microfault at 50 degrees to the core axis. From 219.7 feet to 222.6 feet have the following: at 221.0-222.3ft., strongly oxidized, lightly silicified greywacke cut by 5, 0.25-0.5 inch quartz - ankerite veins at 80 degrees to the core axis, and 45 degrees to core axis. Have hematitized fractures and linings. Almost barren of sulphides except for odd fine speck in quartz vein.									
124.40	126.20	GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND <5% MAGNETITE IRON FORMATION.	D35165	124.40	126.20	1.80					

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	LENGTH	Au g/t	RERUN	REJECT	AVERAGE
126.60	128.50	GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND <5% MAGNETITE IRON FORMATION.	D35166	126.60	128.50	1.90				
141.20	143.20	GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND <5% MAGNETITE IRON FORMATION.	D35167	141.20	143.20	2.00				
143.20	145.10	GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND <5% MAGNETITE IRON FORMATION.	D35168	143.20	145.10	1.90				
145.10	146.50	GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND <5% MAGNETITE IRON FORMATION.	D35169	145.10	146.50	1.40				
157.50	160.50	MAGNETITE IRON FORMATION.	D35170	157.50	160.50	3.00				
171.50	173.60	GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND <5% MAGNETITE IRON FORMATION.	D35171	171.50	173.60	2.10				
181.90	183.50	GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND <5% MAGNETITE IRON FORMATION.	D35172	181.90	183.50	1.60				
193.70	195.20	MAGNETITE IRON FORMATION WITH MINOR GREYWACKE, ARGILLITE AND SANDSTONE.	D35173	193.70	195.20	1.50				
205.50	207.50	GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND <5% MAGNETITE IRON FORMATION.	D35174	205.50	207.50	2.00				
210.00	213.00	MAGNETITE IRON FORMATION WITH MINOR GREYWACKE, ARGILLITE AND SANDSTONE.	D35175	210.00	213.00	3.00				
215.00	218.00	MAGNETITE IRON FORMATION WITH MINOR GREYWACKE, ARGILLITE AND SANDSTONE.	D35176	215.00	218.00	3.00				
219.70	222.60	GREYWACKE, SILICEOUS SANDSTONE, MINOR ARGILLITE AND <5% MAGNETITE IRON FORMATION.	D35177	219.70	222.60	2.90				

229.00

END OF HOLE
CASING PULLED.
DRILLING BY LANGLEY DRILLING, 49 JAYFIELD RD, BRAMPTON, ONT
CORE CHECKED FOR CONDUCTIVITY AND FLUORESENCE NO
SIGNIFICANT RESULTS.
CORE STORED AT THUNDER BAY.
CHECK THE INTERVALS IN UNIT DESCRIPTIONS FOR SAMPLE
DESCRIPTIONS.

Paul Brown
Gen
C. Kelly

ONE PINE LAKE

B.L. 0+00 (0439)

TB 820983

TB 820984

387-002
-45°, 229.0 ft.

110'

570'

L. 0+00

L. 2+00 E



ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
NOV 28 1989
RECEIVED



PLACER DOME INC.		
Proj. No. 387- ONE PINE OPTION, POISSON TWP, ONTARIO		
DDH LOCATIONS		
DDH 387-002		
Scale 1" = 200'	Drawn J. W.	Dwg. No.
Date Nov. 1989	NTS Ref. 52J/7	387-3

ASSESSMENT NO. W8803-165



Assess. Library
Mining Act

Refer to Sections 76 and 77, the Mining Act for assessment work requirements and the reverse side of this form for table of information.

Report of Work *TWP. OF POISSON*

Name and Address of Recorded Holder Placer Dome Inc. P.O. Box 350, Suite 3500, IBM Tower, Toronto-Dominion Centre Toronto, Ontario M5K 1N3	Prospector's Licence No. T 837 Telephone No. 416 868-6060
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Summary of Distribution of Credits and Work Performance

Mining Division Sioux Lookout	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.
	Prefix	Number		Prefix	Number		Prefix	Number	
Township or Area Poisson Twp. G2883	Pa	820 983	110						
Total Assessment Credits Claimed 229	Pa	820 984	119						
Type of Work Performed (Check one only)									
<input type="checkbox"/> Manual Work									
<input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work									
<input type="checkbox"/> Mechanical equipment									
<input type="checkbox"/> Power Stripping other than Manual (maximum credit allowed - 100 days per claim)									
<input checked="" type="checkbox"/> Diamond or other Core drilling									
<input type="checkbox"/> Core Specimens									

Dates when work was performed From: Sept. 16/89 To: Sept. 17/89	Total No. of Days Performed 229	Total No. of Days Claimed 229	Total No. of Days to be Claimed at a Future Date
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All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. * (See Note No. 1 on reverse side)	Mining Claim Pa 820983	No. of Days 210	Mining Claim Pa 820984	No. of Days 10	Mining Claim	No. of Days	Mining Claim	No. of Days
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim

Required Information eg. type of equipment, Names, Addresses, etc. (See Table on reverse side)
If space below is insufficient, attach schedules with required information and location sketches

Drilling by:
Langley Drilling
49 Jayfield Road
Brampton, Ontario

Core Size: BQ
DDH 387-002

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
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Certification of Beneficial Interest * (See Note No. 2 on reverse side)

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Date: Nov 10 / 89
Recorded Holder or Agent (Signature): *Paul Brown*

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 Address of Person Certifying
Paul Brown
Placer Dome Inc.
383 Mooney Street
Thunder Bay, Ont. P7B 5L5

Telephone No. 807 345-9445
Date Nov. 10/89
Certified By (Signature) *Paul Brown*

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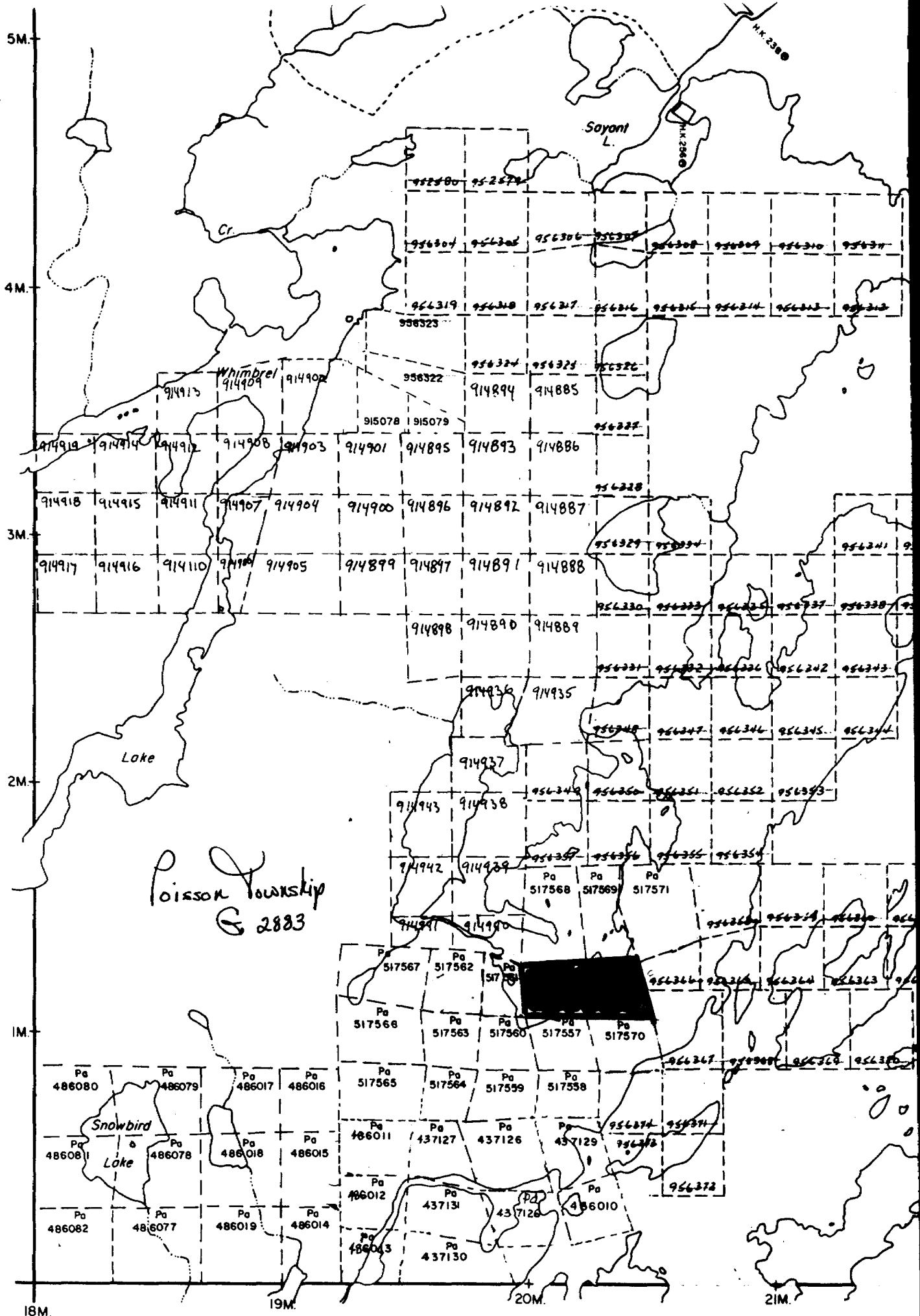
Work Assignments
2. 820983 T-837 W8803-165 107 3891
820984 4000

R. Micho
Recorded

RECEIVED
NOV 20 1989
PATRICIA MINING
DIVISION

NOV 20 1989
PATRICIA MINING
DIVISION

M^cCUBBIN TWP. G-2053



JUTTEN TWP. G-2