



32E13NW0009 22 HOPPER LAKE

010

### Diamond Drilling

Area           Hopper Lake                               Report N<sup>o</sup>           22

Work performed by:    Dome Exploration Ltd.

Claim N <sup>o</sup>	Hole N <sup>o</sup>	Footage	Date	Note
P 524303	158-17	897	Feb/84	(1)
P 524319	158-18	596	Feb/84	(1)
P 524304	158-19	742	Feb/84	(1)
P 524323	158-20	617	Feb/84	(1)
P 524314	158-21	402	Jan/84	(1)
P 524307	158-22	677	Feb/84	(1)
P 524314	158-23	358	Jan/84	(1)
P 524314	158-23A	337	Feb/84	(1)
P 524325	158-24	487	Feb/84	(1)

Notes: #153-84

**DOME EXPLORATION (CANADA) LIMITED**

LOCATION: 100+00W; 12+00S. From collar 1200'N & 1200'E to Post 1, Claim P.524303	DIAMOND DRILL RECORD	HOLE No 158-17
AZIMUTH: GRID NORTH (360°T)	PROPERTY: PROJECT 158; Hopper Lake Area Ontario	CLAIM No: P.524303
DIP: -55°	LENGTH: 897'      ELEVATION:	SECTION:
STARTED: February 22, 1984	CORE SIZE: A,Q.      SYSTEM OF MEASURE: IMPERIAL	LOGGED BY: B. Cole
COMPLETED: March 2, 1984	DIP TESTS (CORRECTED): At 250' 56°00' At 494' 56°00' At 746' 54°00' At 897' 56°00'	DATE LOGGED: February 23-March 3, 1984
PURPOSE: Cross Section		

FOOTAGE from	to	DESCRIPTION	SAMPLE				Au dwt/ton	Reassay Au dwt/ton	Cu %	Zn %
			No.	from	to	Length				
0.0	41.0	CASING AND OVERBURDEN: 4' of ice and water.								
41.0	897.0	THOLEIITIC TO KOMATIITIC BASALTS: Dark grey-green medium to coarse-grained. Biotitic. Quite massive with some schistose portions generally at 20° to 35° to the core axis. Some sections very slightly talcose. Very minor quartz veining. Trace pyrrhotite, chalcopyrite.								
		351.8-352.8: 1/4" wide quartz vein at 5° with 15% stringer chalcopyrite and 10% pyrrhotite.	76495	351.8	352.8	1.0	0.04	0.08		
	897.0	END OF HOLE								
		Casing pulled.								
		Hole was not cemented.								
		Drilling by Bradley Brothers Limited Noranda, Quebec								
		Core stored at the Dome Mine, South Porcupine, Ont.								
		<i>Brian Cole</i>								

**DOMES EXPLORATION (CANADA) LIMITED**

LOCATION: 93+00W; 30+50S. From collar	<b>DIAMOND DRILL RECORD</b>	HOLE No 158-18
200' North & 655' East to Post 1, Claim P.524319		PROPERTY: PROJECT 158; Hopper Lake Area, Ontario
AZIMUTH: 020° (T)	DIP: -45°	LENGTH: 596'
	ELEVATION:	CLAIM No: P.524319 - 257' P.524310 - 339'
STARTED: February 19, 1984	CORE SIZE: AQ	SYSTEM OF MEASURE: IMPERIAL
COMPLETED: February 21, 1984	DIP TESTS (CORRECTED): At 257' 42°30'	LOGGED BY: B. Cole
	At 596' 39°30'	DATE LOGGED: February 20-22, 1984
PURPOSE: TO TEST MAGNETIC ANOMALY		

FOOTAGE from	to	DESCRIPTION	SAMPLE				Au dwt/ton	Reassay Au dwt/ton	Cu %	Zn %
			No.	from	to	Length				
0.0	74.0	CASING AND OVERBURDEN								
74.0	499.0	BASALT: Whitish-green, medium-grained. Predominantly feldspar and amphibole with lesser biotite and chlorite. Moderately well developed schistosity at 30° to the core axis. Some portions highly biotitic and slightly talcose. Probably komatiitic. Locally blocky. Schistosity parallel with the core axis locally due to occasional broad undulations.								
		350.6-354.9: Felsic dike; quartz-feldspar porphyry. Grey, siliceous, massive.								
		375.0-376.0: 5% quartz veining with minor pyrrhotite and trace chalcopyrite.	76490	375.0	376.0	1.0	N11			
		424.0-425.0: 5% irregular blue quartz with trace pyrite. Moderately magnetic.	74691	424.0	425.0	1.0	N11			
		436.1-437.1: 5% blue quartz bleb with minor pyrite and trace chalcopyrite.	74692	436.1	437.1	1.0	0.04	N11		
499.0	504.9	IRON FORMATION: Grey with black bands. Well laminated at 25°. Moderately to highly magnetic. Highly biotitic with some amphibole-rich laminations. Several thin intercalations of basalt.								



**DOME EXPLORATION (CANADA) LIMITED**

LOCATION: 80+00W; 11+50S. From collar 1160'N & 230'E to Post 1, Claim P.524304				DIAMOND DRILL RECORD	HOLE No 158-19	
AZIMUTH: Grid North (360°T)					PROPERTY: PROJECT 158; Hopper Lake Area, Ontario	
DIP:	-45°	LENGTH:	742'	ELEVATION:	CLAIM No: P.524304	
STARTED:	February 15, 1984	CORE SIZE:	AQ	SYSTEM OF MEASURE:	IMPERIAL SECTION:	
COMPLETED:	February 18, 1984	DIP TESTS (CORRECTED):			LOGGED BY: B. Cole	
		At 207' 42°00'				
		At 407' 31°00'				
PURPOSE:		TO TEST MAGNETIC ANOMALY			DATE LOGGED: February 17-19, 1984	
		At 607' 26°00'				
		At 742' 23°00'				

FOOTAGE		DESCRIPTION	SAMPLE				Au dwt/ton	Ag	Cu %	Zn %		
from	to		No.	from	to	Length						
0.0	12.0	CASING AND OVERBURDEN										
12.0	259.1	BASALT: Dark green. Medium-grained. Predominantly amphibole with lesser feldspar, biotite and chlorite. Massive to moderately well developed schistosity at 30°-50° to the core axis. Minor quartz veining. Occasional thin felsic dike. Several portions with feldspar phenocrysts exhibiting agglomerate-porphyrific texture. Magnetic from 207.0-259.0.										
259.1	270.8	FELSIC DIKE: Grey, medium-grained. Siliceous. 10% biotite aligned along schistosity at 50°. Several xenoliths of basalt.										
		261.5-263.6: Basalt.										
270.8	742.0	BASALT: Similar to 12-259. Magnetic from 270.8'-569.0'. Medium to coarse grained. 5%-15% garnets and slightly gneissic. Increasingly siliceous with depth.										
		332.5-334.1: Felsic Dike.										
		334.1-337.0: 5% blue quartz. Minor pyrite-pyrrhotite. Trace chalcopyrite.	76487	334.1	337.0	2.9	0.04					



### DOME EXPLORATION (CANADA) LIMITED

LOCATION: 48+00W; 27+00S. From collar 140°N & 1280°E to Post 1, claim P.524323	DIAMOND DRILL RECORD	HOLE No 158-20
AZIMUTH: Grid North (360°T)	PROPERTY: PROJECT 158, Hopper Lake Area Ontario	CLAIM No: P.524323 - 85' P.524314 - 532'
DIP: -45°	LENGTH: 617'	ELEVATION:
STARTED: February 8, 1984	CORE SIZE: A.Q.	SYSTEM OF MEASURE: IMPERIAL
COMPLETED: February 11, 1984	DIP TESTS (CORRECTED): At 200' 42°00' At 400' 43°00' At 617' 40°00'	LOGGED BY: B. Cole
PURPOSE: TO TEST ELECTROMAGNETIC AND MAGNETIC ANOMALIES		DATE LOGGED: February 9-11, 1984

FOOTAGE		DESCRIPTION	SAMPLE				Au	Reassay	Cu	Zn		
from	to		No.	from	to	Length	dwt/ton	Au dwt/ton	%	%		
0.0	51.0	CASING AND OVERBURDEN										
51.0	106.8	MAFIC VOLCANIC: Dark green, fine-grained, massive to slightly schistose with foliation at 50°-65° to the core axis. Highly amphibolitic with lesser biotite and chlorite. Some biotite-rich sections. Minor quartz veining, often carrying trace pyrite, pyrrhotite and chalcopyrite. Generally orientated parallel to the foliation.										
		74.2-75.2: 5% quartz veining with trace pyrite.	76453	74.2	75.2	1.0	N11					
		77.5-81.4: 5% quartz veining with minor pyrite.	76454	77.5	81.4	3.9	N11					
		93.4-94.8: 5% quartz veining with minor pyrite, trace pyrrhotite and chalcopyrite.	76455	93.4	94.8	1.4	N11	N11				
		96.9-98.8: 5% quartz veining with trace pyrite.	76456	96.9	98.8	1.9	N11					
		101.2-103.7: 10%-15% white quartz veining with 2% pyrite, 3% chalcopyrite often in stringers. Minor pyrrhotite.	76457	101.2	103.7	2.5	0.04					
		105.6-106.8: 10% quartz veining with trace pyrite and chalcopyrite.	76458	105.6	106.8	1.2	N11					











**DOME EXPLORATION (CANADA) LIMITED**  
**DIAMOND DRILL RECORD**

HOLE NO: 158-21

PAGE NO: 2 of 4

FOOTAGE from	to	DESCRIPTION	SAMPLE				Au dwt/ton	Ag	Cu %	Zn %		
			Nº	from	to	Length						
259.0	264.2	ULTRAMAFIC VOLCANIC: Brown-grey. Highly foliated at 45°. Alternating thin bands of biotite and highly feldspathic material. Moderately talcose. Locally magnetic.										
264.2	275.2	KOMATIITIC BASALT: Grey. Massive to slightly foliated at 45°. Slightly talcose. Fine-grained.										
275.2	283.6	ULTRAMAFIC VOLCANIC: Similar to 259-264.										
283.6	348.2	KOMATIITIC TO ULTRAMAFIC VOLCANICS: Green-green. Moderately well-developed foliation at 40°-50°. Fine to medium grained slightly to moderately talcose. Generally magnetic. Slightly chloritic. 5%-10% biotite.										
348.2	372.6	FELSIC-INTERMEDIATE LAPILLI-TUFF(?): Dark grey. Moderately well foliated at 45°. 35% faint siliceous lenticular clasts (up to 5 mm in diameter and usually aligned parallel with the foliation) in fine-grained dark, biotitic, slightly chloritic matrix. HIGHLY MAGNETIC. 5% coarse disseminations of magnetite. Variable pyrite disseminated throughout (up to 5%). Some garnetiferous sections.										
		348.2-350.7: 1% pyrite, trace pyrrhotite and chalcopyrite.	76384	348.2	350.7	1.5	N11					
		350.7-353.0: Mafic Tuff; green-grey, foliated at 50°. Fine-grained chloritic. 5% siliceous, lenticular clasts up to 5 mm in diameter.										
		353.0-354.0: Ultramafic volcanics: 5% fine pyrite.	76385	353.0	354.0	1.0	0.04					











**DOME EXPLORATION (CANADA) LIMITED**  
**DIAMOND DRILL RECORD**

HOLE NO:	158-22
PAGE NO:	3 of 7

FOOTAGE		DESCRIPTION	SAMPLE				Au dwt/ton	Ag	Cu %	Zn %		
from	to		No	from	to	Length						
		115.3-117.0: 1% disseminated pyrite.	76412	115.3	117.0	1.7	Nil					
		117.0-118.8: Iron Formation Xenolith; grey. Highly magnetic. Thinly laminated chert-magnetite Highly contorted but generally at 10°. Minor pyrite.	76413	117.0	118.8	1.8	Nil					
		118.8-120.4: 1% pyrite, slivers of iron formation xenoliths.	76414	118.8	120.4	1.6	Nil					
		120.4-122.4: Breccia Zone; large iron formation clasts in soft mylonite with coarse pyrite. 6" wide massive quartz vein.	76415	120.4	122.4	2.4	Nil					
		122.4-125.7: 1%-2% disseminated pyrite.	76416	122.4	125.7	3.3	Nil					
		125.7-127.0: 25% quartz with 3% coarse pyrite.	76417	125.7	127.0	1.3	Nil					
		127.0-136.5: 1%-3% finely disseminated pyrite. Phenocrysts gradually decrease in size and dis- appear with depth in last three feet.	76418	127.0	131.7	4.7	Nil					
			76419	131.7	136.5	4.8	Nil					
		136.5-137.8: Breccia Zone; primarily massive white quartz. At one contact, clasts of very fine-grained pyrite with faint colloform texture being replaced by coarse euhedral cubes of pyrite.	76420	136.5	137.8	1.3	Nil					
137.8	162.3	MAFIC VOLCANIC: Grey-green. Biotite-chlorite- amphibole schist. Probably a basalt originally. Schistosity at 45°-50°. Minor to 5% quartz vein- ing. Minor pyrite.										
		137.8-139.3: 75% massive white quartz with 5% pyrite.	76421	137.8	139.3	1.5	Nil					

**DOME EXPLORATION (CANADA) LIMITED**  
**DIAMOND DRILL RECORD**

HOLE NO: 158-22  
PAGE NO: 4 of 7

FOOTAGE		DESCRIPTION	SAMPLE				Au dwt/ton	Ag	Cu %	Zn %		
from	to		NO	from	to	Length						
162.3	166.0	FELSIC DIKE: Similar to 115-137, 1%-2% finely disseminated pyrite. Several short xenoliths of mafic volcanic, sharp contacts at 30° and 35°.	76422	162.3	166.0	3.7	N11					
166.0	179.9	MAFIC VOLCANIC: Similar to 137-162.										
179.9	181.4	IRON FORMATION: Grey. Quite cherty. well foliated at 35°. Alternating thin laminations of chert-magnetite with lesser amphibole. Highly magnetic. Trace pyrite.	76423	179.9	181.4	1.5	N11					
181.4	192.0	FELSIC DIKE: Similar to 115-137, 1%-2% disseminated pyrite.	76424	181.4	186.6	5.2	N11					
			76425	189.0	192.0	3.0	N11					
		186.6-189.0: Mafic volcanic.										
192.0	213.1	IRON FORMATION: Similar to 179-181, laminations at 30°. Minor pyrite.	76426	192.0	196.8	4.8	N11					
			76427	196.8	200.5	3.7	N11					
			76428	200.5	204.8	4.3	N11					
			76429	204.8	208.7	3.9	N11					
			76430	208.7	213.1	4.4	0.04					
213.1	275.8	MAFIC VOLCANIC: Similar to 137-162. Schistosity at 40°. Minor short sections of ultramafic. 5% quartz veining. Locally magnetic.										
		228.0-229.0: 20% quartz veining parallel to the foliation. 2% pyrite.	76431	228.0	229.0	1.0	N11					
		237.5-238.5: 10% quartz veining. Minor pyrite.	76432	237.5	238.5	1.0	N11					
		250.8-251.8: 5% pyrite, some quartz veining.	76433	250.8	251.8	1.0	N11					
		255.7-256.7: 15% white quartz veining with 5% pyrite.	76434	255.7	256.7	1.0	N11					







**DOME EXPLORATION (CANADA) LIMITED**

LOCATION: 36+00W; 23+50S. From collar 950'N & 20'E to Post 1, claim P.524314	<b>DIAMOND DRILL RECORD</b>	<b>HOLE NO</b> 158-23
AZIMUTH: GRID NORTH (360°T)		PROPERTY: PROJECT 158 - Hopper Lake Area, Ontario
DIP: -45°	LENGTH: 358'	ELEVATION:
STARTED: January 25, 1984	CORE SIZE: AQ	SYSTEM OF MEASURE: IMPERIAL
COMPLETED: January 27, 1984	DIP TESTS (CORRECTED): at 358' 26°00'	LOGGED BY: B. Cole
PURPOSE: TO TEST MAGNETIC ANOMALY	DATE LOGGED: January 27-28, 1984	

FOOTAGE from	to	DESCRIPTION	SAMPLE				Au dwt/ton	Re-run Au dwt/ton	Cu %	Zn %
			No.	from	to	Length				
0.0	17.0	CASING AND OVERBURDEN								
17.0	46.3	MAFIC VOLCANIC: Whitish-green. Highly developed gneiss. Highly chloritized and amphibolitized with some interstitial white feldspar. Also abundant biotite. Gneissosity at 30°-70° to the core axis. Medium to coarse-grained. Possibly a gabbro intrusive. Minor sporadic pyrite.								
46.3	52.8	BIOTITE-RICH BASALT: Dark grey. Highly foliated at 30°. Fine-grained. 30% biotite aligned parallel to the foliation. Minor pyrite, sharp contacts at 30°.  52.5-52.8: Highly silicified grey, talcose ultramafic (?) material.								
52.8	95.1	MAFIC VOLCANIC: Similar to 17-46, 76.7-77.6: Massive white quartz vein with 10% pyrrhotite, lesser pyrite stringers. Trace chalcopyrite. Minor chlorite. Sharp contact at 15°.  77.6-80.7: 5% disseminated pyrrhotite, lesser pyrite.	76351	76.7	77.6	0.9	0.04	0.04		
			76352	77.6	80.7	2.9	N11			

**DOME EXPLORATION (CANADA) LIMITED**  
**DIAMOND DRILL RECORD**

HOLE No: 158-23

PAGE No: 2 of 5

FOOTAGE		DESCRIPTION	SAMPLE				Au dwt/ton	Ag	Cu %	Zn %		
from	to		No	from	to	Length						
		87.0-88.0: 1.5" wide massive white quartz vein with minor pyrite. Contacts at 20°.	76353	87.0	88.0	1.0	N11					
		GRADATIONAL CONTACT										
95.1	250.0	KOMATIITIC (?) BASALT: Generally similar in appearance as between 17-46 although finer grained. Also slightly to moderately talcose and magnetic. 20% biotite. Occasional distinct band. Foliation at 75°-85°. Minor stringers of pyrite. 5% randomly orientated quartz veins. Texture more schistose than gneissic.										
		104.1-105.1: 30% irregular white quartz veining with 5% disseminated pyrrhotite and pyrite. Trace chalcopyrite.	76354	104.1	105.1	1.0	N11					
		123.1-124.5: Massive white quartz vein. Minor tourmaline. Trace pyrite.	76355	123.1	124.5	1.4	N11					
		167.5-168.5: 6" wide massive white quartz vein with trace pyrite.	76356	167.5	168.5	1.0	N11					
		170.5-171.5: 15% quartz veining. 5% pyrite.	76357	170.5	171.5	1.0	N11					
		187.3-188.3: 40% irregular white quartz.	76358	187.3	188.3	1.0	N11					
		190.7-192.8: 5% quartz veining. 10% pyrite throughout.	76359	190.7	192.8	2.1	N11					
		197.0-199.6: 10% randomly orientated quartz veinlets. 5% pyrite throughout host rock.	76360	197.0	199.6	2.6	N11					
		200.4-204.1: Similar to 197-199.	76361	200.4	204.1	3.7	N11					









**DOME EXPLORATION (CANADA) LIMITED**

LOCATION: 36+00W; 20+70S. From collar	DIAMOND DRILL RECORD			HOLE No	158-23A
670'N & 20'E to Post 1, claim P.524314					
AZIMUTH: GRID NORTH (360°T)					
DIP: -45°	LENGTH: 337'	ELEVATION:	PROPERTY: Project 158; Hopper Lake Area, Ontario		
STARTED: February 5, 1984	CORE SIZE: AQ	SYSTEM OF MEASURE: IMPERIAL	CLAIM No: P.524314		
COMPLETED: February 7, 1984	DIP TESTS (CORRECTED):	At 104' 44°00'	LOGGED BY: B. Cole		
		337' 42°30'			
PURPOSE: TO TEST MAGNETIC ANOMALY (continuation of 158-23)					DATE LOGGED: February 7-8, 1984

FOOTAGE from	to	DESCRIPTION	SAMPLE				Au dwt/ton	Ag	Cu %	Zn %		
			No.	from	to	Length						
0.0	104.0	<u>CASING AND OVERBURDEN:</u>										
104.0	197.2	<u>ULTRAMAFIC VOLCANIC:</u> Grey. Soft. Primarily talc-carbonate. Moderately magnetic. Massive to slightly foliated at 50° to the core axis. Somewhat biotitic, locally blocky.										
197.2	203.5	<u>FELSIC DIKE:</u> 20% small anhedral phenocrysts of feldspar and quartz in fine-grained, slightly siliceous, dark matrix. Biotitic schistosity at 40°. No recognisable chill margins although both contacts with country rock are highly biotitic.										
203.5	232.7	<u>MAFIC VOLCANIC:</u> Several basaltic flows of varying mineralogy. Some are chloritic, another highly biotitic and possibly Mg-rich. Schistosit-ies at 20°. Also a thin mafic tuff with foliation at 40°.										
232.7		<u>BASALT:</u> Green. Medium to coarse grained. Massive with thin fine-grained portions. Minor quartz veining.										
		254.6-255.6: Massive, white, barren quartz vein.	76450	254.6	255.6	1.0	N11					
		273.6-274.6: 15% localized quartz vein with trace pyrite.	76451	273.6	274.6	1.0	N11					





**DOME EXPLORATION (CANADA) LIMITED**  
**DIAMOND DRILL RECORD**

HOLE NO:	158-24
PAGE NO:	2 of 4

FOOTAGE		DESCRIPTION	SAMPLE				Au	Rerun	Cu	Zn		
from	to		No	from	to	Length	dwt/ton	Au dwt/ton	%	%		
202.3	221.5	FELSIC DIKE: Similar to 70-147, highly biotitic schistosity at 60°. Several thin basaltic xenoliths.										
221.5	279.3	BASALT: Brown-green. Fine-grained. Highly biotitic. Well-developed schistosity at 45°.										
279.3	288.2	FELSIC-INTERMEDIATE TUFF: Brown-grey. foliation at 55°, 40% small, siliceous anhedral, rounded pyroclasts (up to 4 mm in diameter) in dark, mafic, biotitic matrix. 2% disseminated pyrite.	76470	279.3	284.2	4.9	Nil					
			76471	284.2	288.2	4.0	Nil					
288.2	292.5	BASALT: Similar to 221-279. Minor intercalation of iron formation.										
		288.2-289.2: 8" wide blebby quartz vein with 15% chalcopyrite blebs and stringers	76472	288.2	289.2	1.0	0.64	0.48				
292.5	293.4	ULTRAMAFIC VOLCANIC (?): Black, fine grained, massive. Slightly talcose although apparently silicified. Magnetic locally.										
293.4	295.7	BASALT: Similar to 221-279.										
295.7	316.3	IRON FORMATION: Dark grey. Predominantly thin laminated chert-magnetite with varying amounts of interlaminated blebby pyrite. weakly to generally highly magnetic. Occasional mafic lamination. Foliation at 50°-55°.										
		395.7-398.3: 15%-20% pyrite.	76473	395.7	398.3	2.6	0.04					
		398.3-305.5: 1%-5% pyrite.	76474	398.3	302.3	4.0	0.04					
			76475	302.3	305.5	3.2	0.04					









#153/84

Ministry of Natural Resources

Report of Work

PROJECT 158

The I

Hopper Lake Area



32E13NW0009 22 HOPPER LAKE

900

Name and Postal Address of Recorded Holder

DOMEX EXPLORATION (CANADA) LIMITED

A.21304

Box 270, 1 First Canadian Place, Toronto, Ontario M5X 1H1

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 5,113	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.
	Prefix	Number		Prefix	Number		Prefix	Number	
for Performance of the following work. (Check one only)									
See attached schedule									
<input type="checkbox"/> Manual Work									
<input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work.									
<input type="checkbox"/> Compressed Air, other Power driven or mechanical equip.									
<input type="checkbox"/> Power Stripping									
<input checked="" type="checkbox"/> Diamond or other Core drilling									
<input type="checkbox"/> Land Survey									

All the work was performed on Mining Claim(s): See attached

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

Hole No.	Length (ft)	Dates
158-17	897	Feb. 22 - Mar. 2, 1984
158-18	596	Feb. 19-21, 1984
158-19	742	Feb. 15-18, 1984
158-20	617	Feb. 8-11, 1984
158-21	402	Jan. 30 - Feb. 1, 1984
158-22	677	Feb. 2-5, 1984
158-23	358	Jan. 25-27, 1984
158-23A	337	Feb. 5-7, 1984
158-24	487	Feb. 12-14, 1984
5,113 ft		

Drilling by Bradley Bros. Ltd., Noranda Quebec

All core is A.Q.

RECORDED

APR 09 1984

Receipt No. 20

PORCUPINE MINING DIVISION

RECEIVED

APR 09 1984

A.M. P.M.

7|8|9|10|11|12|1|2|3|4|5|6

Date of Report April 5, 1984	Recorded Holder or Agent (Signature) <i>E. A. Pajulski</i>
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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

L. B. Halladay, Box 270, 1 First Canadian Place, Toronto, Ontario M5X 1H1

Date Certified April 5, 1984	Certified by (Signature) <i>L. B. Halladay</i>
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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	Names and addresses of owner or operator together with dates when drilling/stripping done.	Work Sketch (as above) in duplicate
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.	Nil	Nil
Land Survey	Name and address of Ontario land surveyor.		

PROJECT 158

SCHEDULE OF CLAIMS

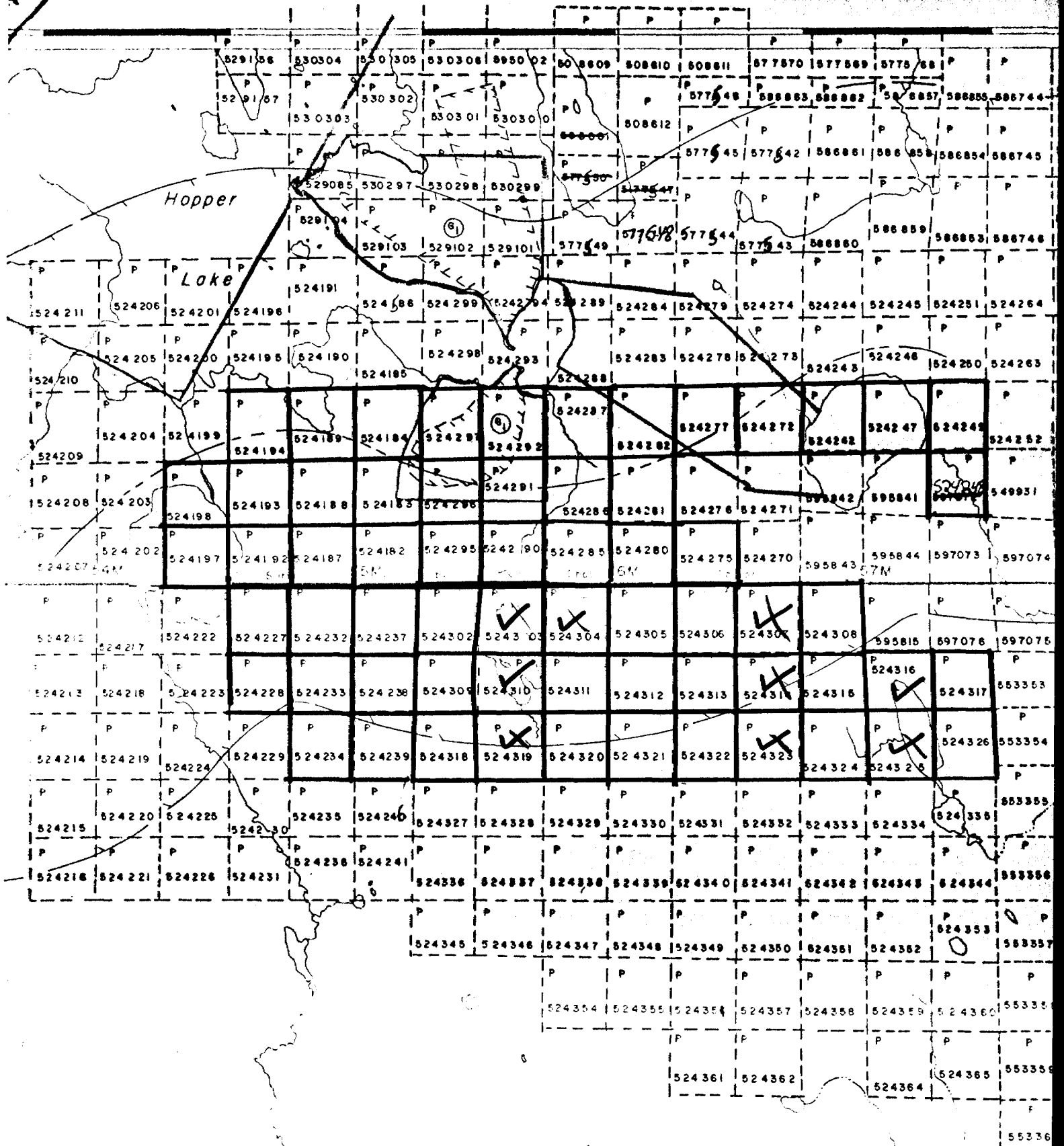
<u>Hole No.</u>	<u>Work Days Cr.</u>	<u>Hole No.</u>	<u>Work Days Cr.</u>	<u>Hole No.</u>	<u>Work Days Cr.</u>
P.524182	100	P.524272	100	P.524312	60
P.524183	100			P.524313	60
P.524184	100	P.524275	10	P.524314	60
				P.524315	100
P.524187	100	P.524277	100	P.524316	100
P.524188	100			P.524317	100
P.524189	100	P.524281	60	P.524318	60
		P.524282	100	P.524319	60
P.524192	100			P.524320	60
P.524193	100	P.524285	60	P.524321	60
P.524194	100	P.524286	60	P.524322	60
		P.524287	100	P.524323	60
P.524197	100			P.524324	100
P.524198	100	P.524290	60	P.524325	100
		P.524291	60	P.524326	<u>100</u>
P.524227	100	P.524292	100		
P.524228	100				
		P.524295	60	SUB-TOTAL	5,084
P.524232	100	P.524296	60		
P.524233	100	P.524297	100		
P.524234	100			Unassigned	<u>29</u>
		P.524302	60		
P.524237	100	P.524303	60	TOTAL	5,113
P.524238	100	P.524304	60		
P.524239	100	P.524305	60		
		P.524306	34		
P.524242	100	P.524307	60		
		P.524308	100		
P.524247	100	P.524309	60		
P.524248	100	P.524310	60		
P.524249	100	P.524311	60		

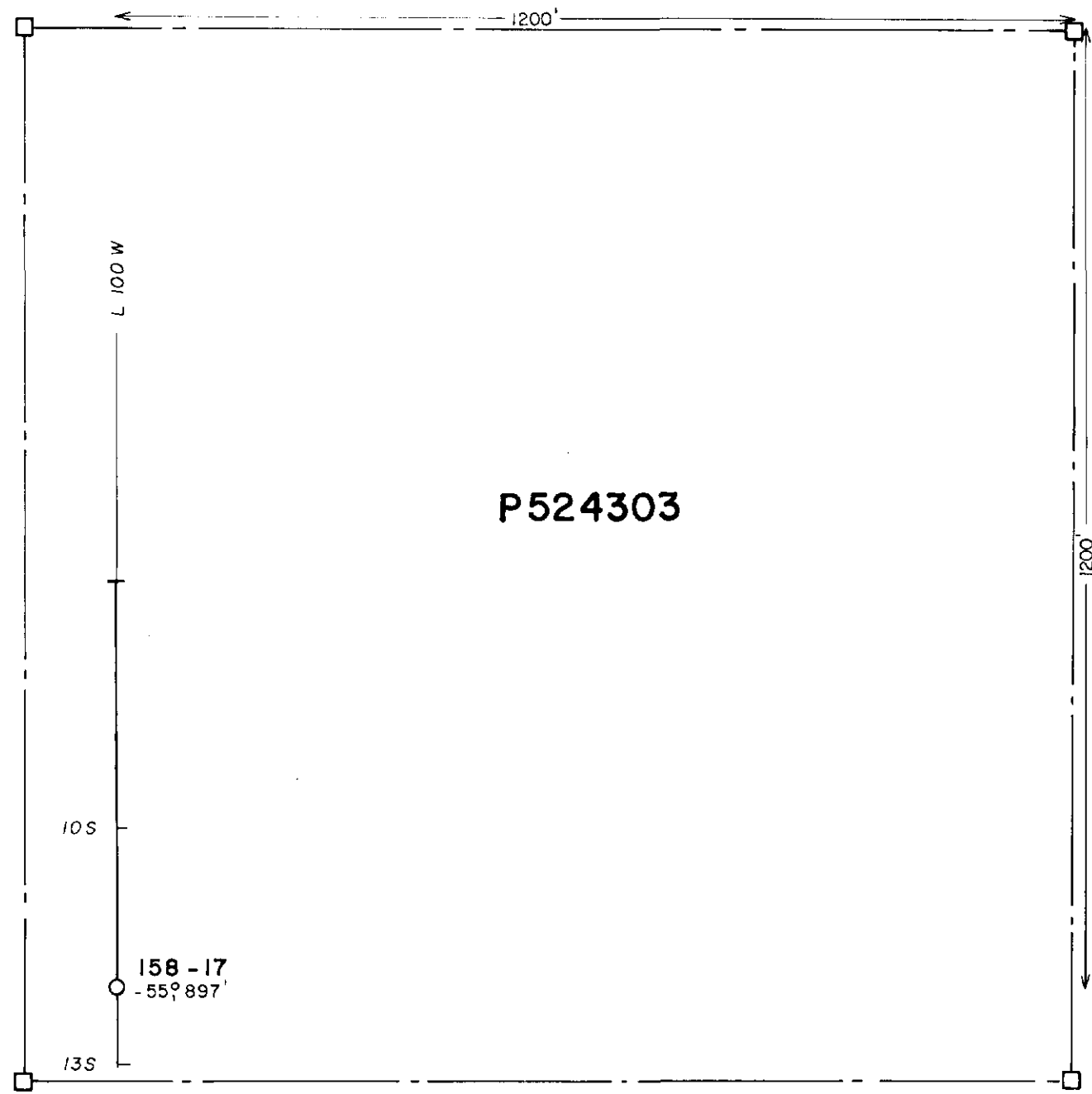
Work performed on claims P.524303, P.524304, P.524307, P.524310, P.524314, P.524316,  
P.524319, P.524323, P.524325.

# Hopper Lake Area

G-1636

LAKE G-1680





P524303

158-17  
-55° 897'

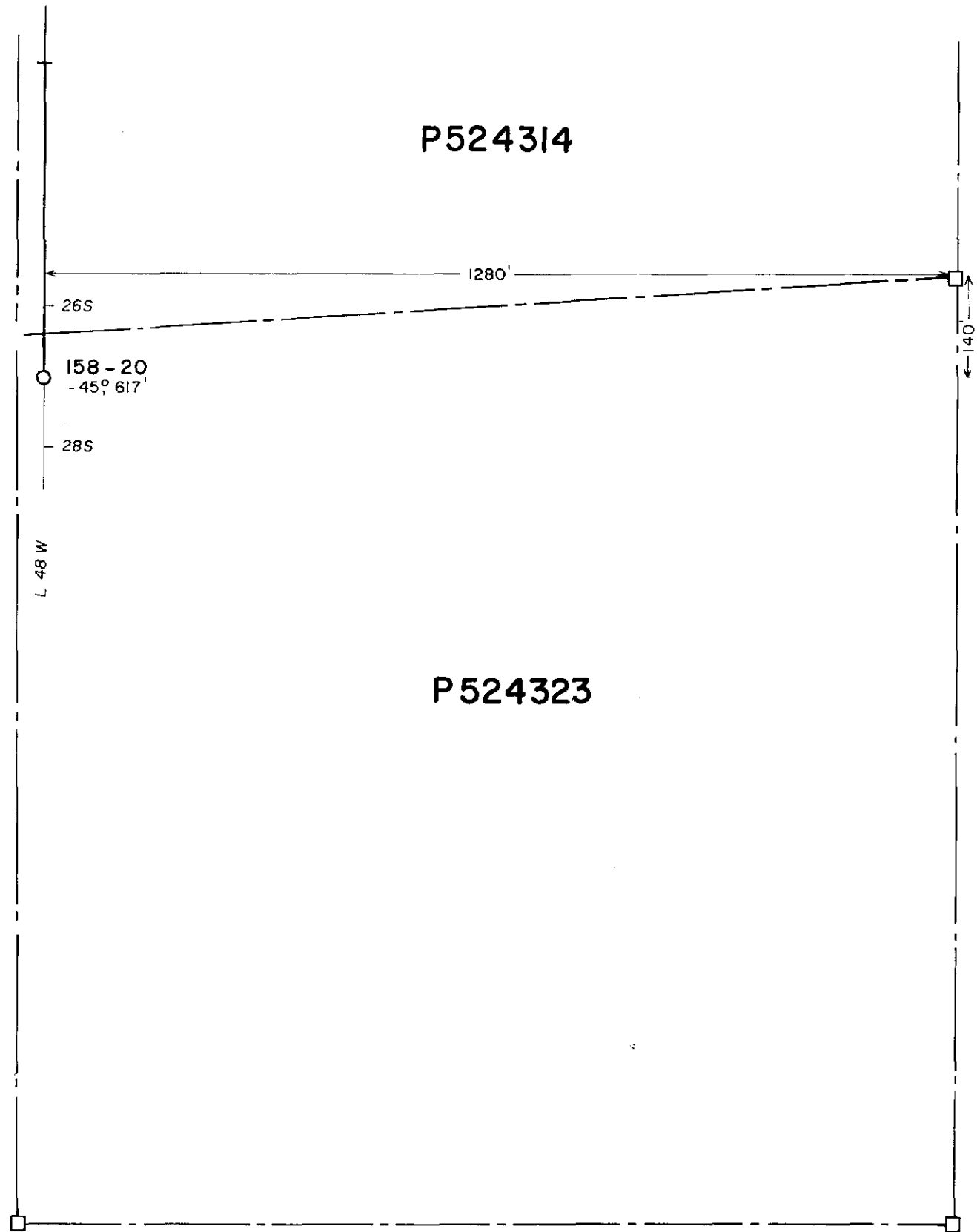
10S

13S



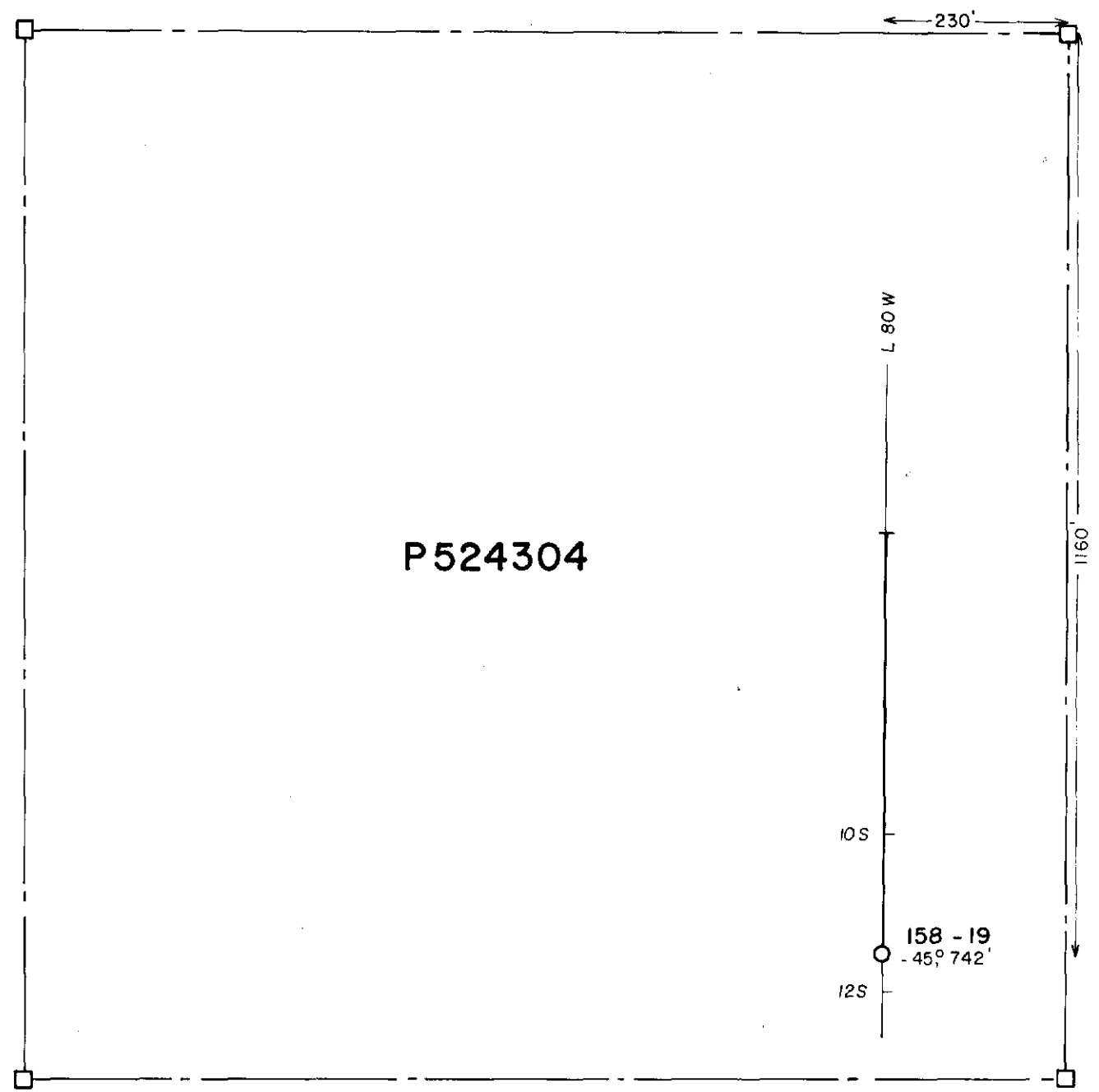
32E13NW0009 22 HOPPER LAKE

DOME EXPLORATION (CANADA) LTD.				
PROJ. 158 HOPPER LAKE, ONTARIO				
<b>DDH LOCATIONS</b>				
SCALE	DATE	BY	N.T.S. No:	DWG. No:
1" = 200'	MAR 1984	T.S.	32-E-13	158-49



32E13NW0009 22 HOPPER LAKE

DOME EXPLORATION (CANADA) LTD.				
PROJ. 158 HOPPER LAKE, ONTARIO				
<b>DDH LOCATIONS</b>				
SCALE	DATE	BY	N.T.S. No.	DWG. No.
1" = 200'	MAR. 1984	T.S.	32-E-13	158-48



P524304

230'

1160'

L 80 W

10S

158 - 19  
- 45° 742'

12S



32E13NW0009 22 HOPPER LAKE

DOME EXPLORATION (CANADA) LTD.				
PROJ. 158 HOPPER LAKE, ONTARIO				
<b>DDH LOCATIONS</b>				
SCALE	DATE	BY	N.T.S. No.	DWG. No.
1" = 200'	MAR 1984	T.S.	32-E-13	158-47

P524310

158 - 18  
- 45°, 596'

655'

200'

30 S

32 S

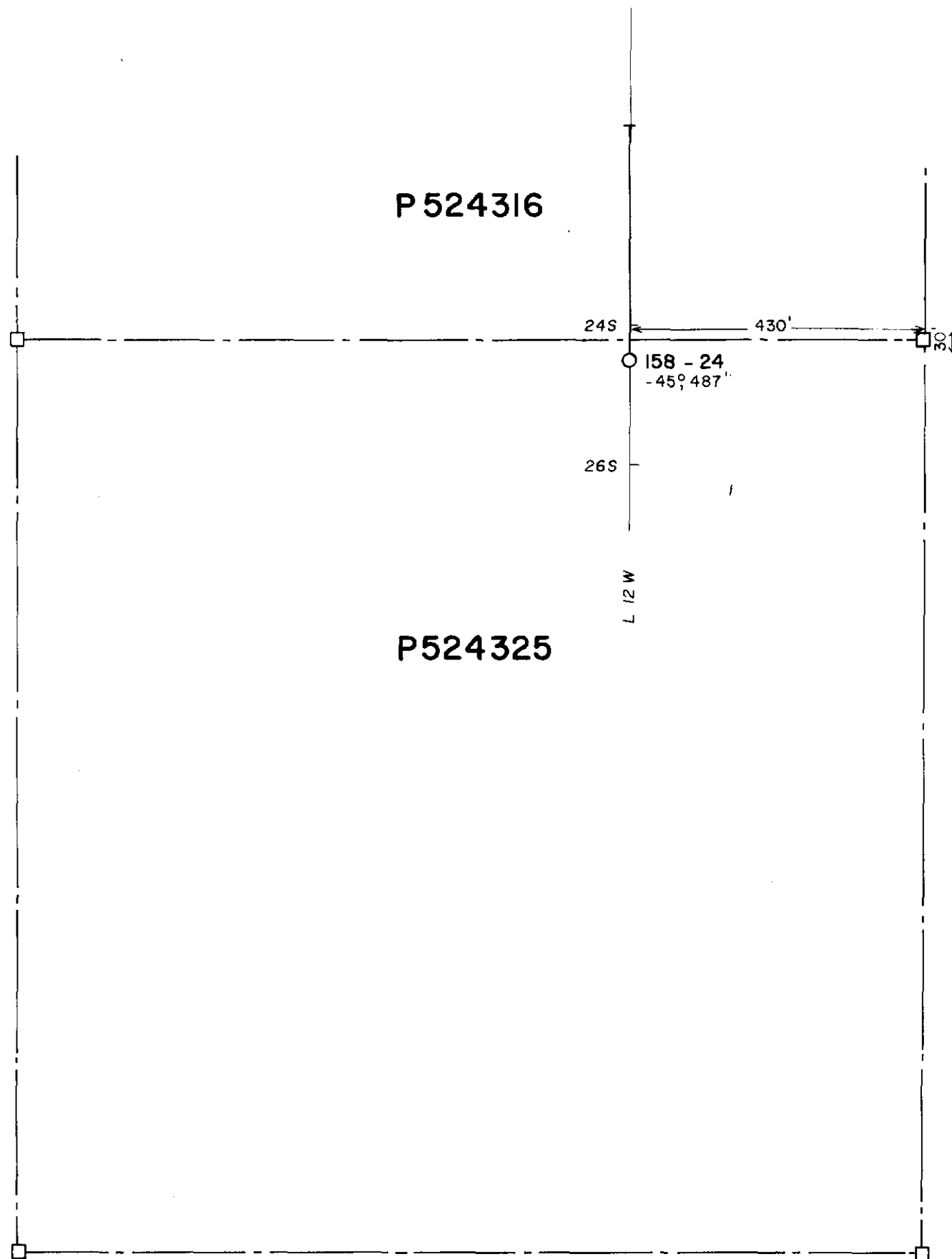
L 92 W

P 524319



32E13NW0009 22 HOPPER LAKE

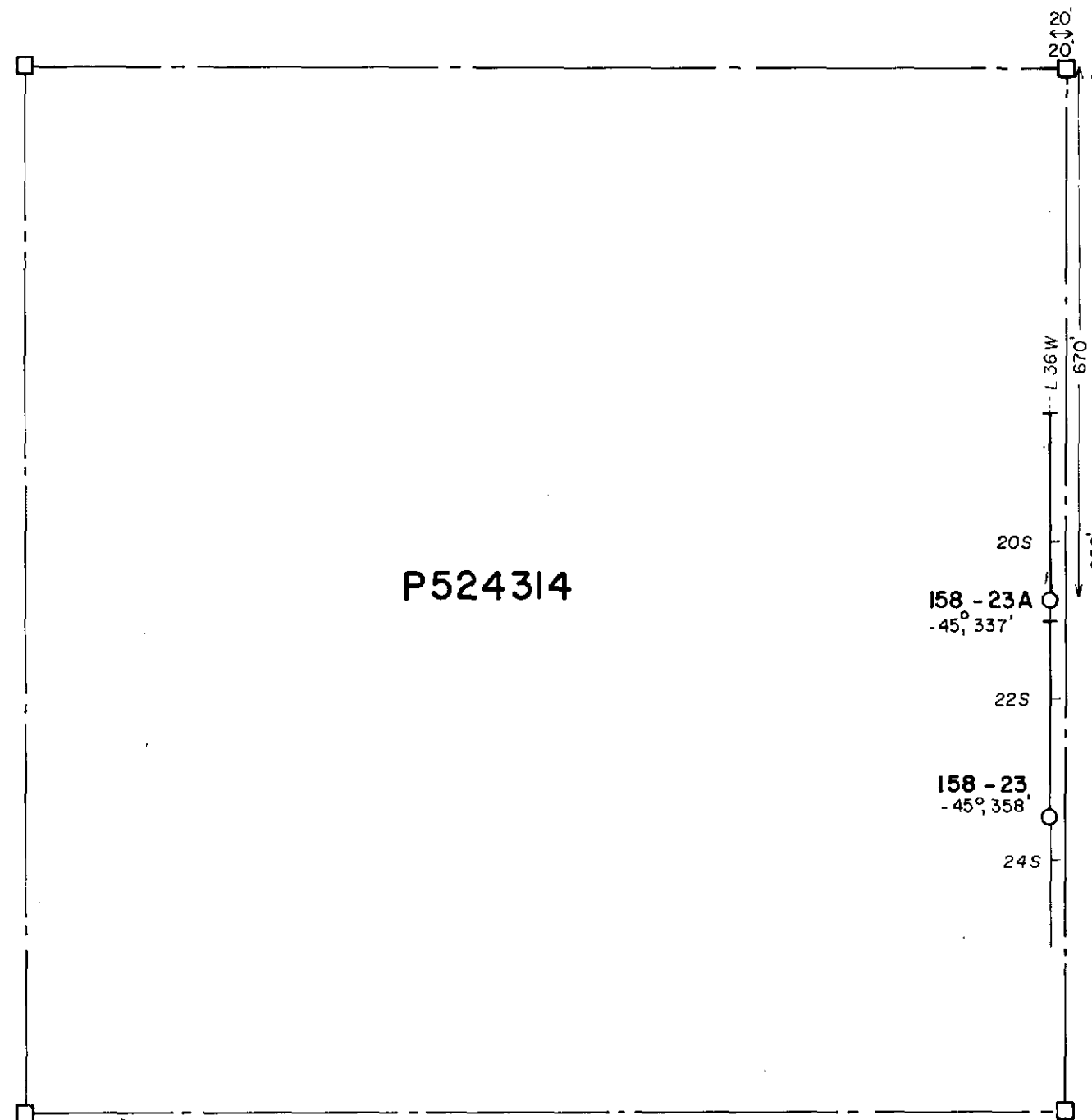
DOME EXPLORATION (CANADA) LTD.				
PROJ. 158 HOPPER LAKE, ONTARIO				
<b>DDH LOCATIONS</b>				
SCALE	DATE	BY	N.T.S. No.	DWG. No.
1" = 200'	MAR 1984	T.S.	32-E-13	158-46



32E13NW0009 22 HOPPER LAKE

DOME EXPLORATION (CANADA) LTD.				
PROJ. 158 HOPPER LAKE, ONTARIO				
<b>DDH LOCATIONS</b>				
SCALE	DATE	BY	N.T.S. No.	DWG. No.
1" = 200'	MAR. 1984	T.S.	32-E-13	158-37





P524314

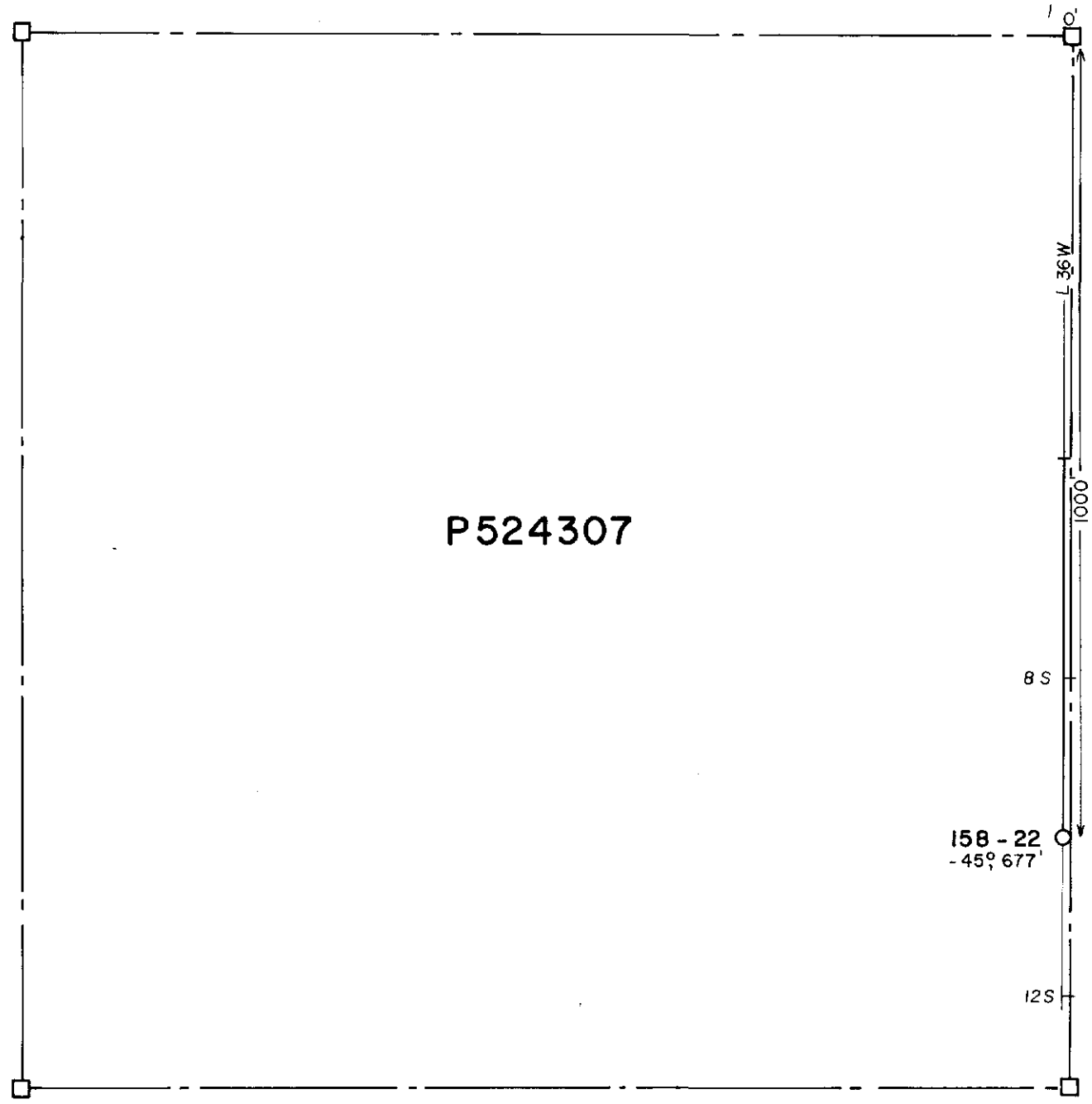
20S  
 158-23A  
 -45° 337'  
 22S  
 158-23  
 -45° 358'  
 24S

20  
 670  
 950



32E13NW0009 22 HOPPER LAKE

DOME EXPLORATION (CANADA) LTD.				
PROJ. 158 HOPPER LAKE, ONTARIO				
<b>DDH LOCATIONS</b>				
SCALE	DATE	BY	N.T.S. No.	DWG. No.
1" = 200'	MAR. 1984	T.S.	32-E-13	158-36



P524307

158 - 22  
-45° 677'

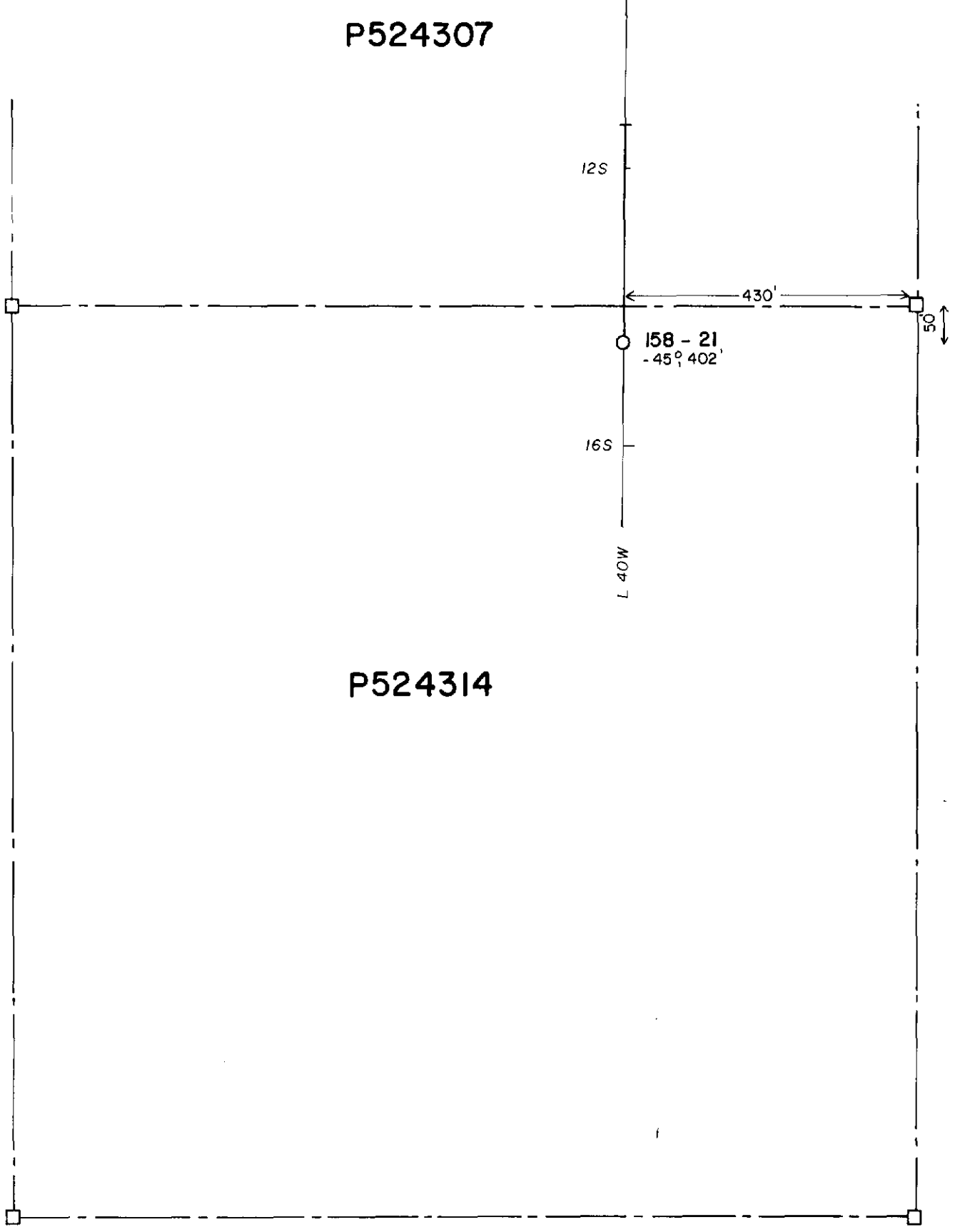
367  
1000  
85  
125



32E13NW0009 22 HOPPER LAKE

DOME EXPLORATION (CANADA) LTD.				
PROJ.158 HOPPER LAKE, ONTARIO				
<b>DDH LOCATIONS</b>				
SCALE	DATE	BY	N.T.S. No:	DWG. No:
1" = 200'	MAR. 1984	T.S.	32-E-13	158 - 35

P524307



P524314



32E13NW0009 22 HOPPER LAKE

DOME EXPLORATION (CANADA) LTD.				
PROJ. 158 HOPPER LAKE, ONTARIO.				
<b>DDH LOCATIONS</b>				
SCALE	DATE	BY	N.T.S. No.	DWG. No.
1" = 200'	MAR. 1984	T.S.	32-E-13	158-34