



42A10NE0072 17 WALKER

010

DIAMOND DRILLING

Township: WALKER TWP.

Report No: 17

WORK PERFORMED FOR: MONPRE MINING CO.

RECORDED HOLDER: SAME AS ABOVE [xx]

: OTHER []

<u>CLAIM NO.</u>	<u>HOLE NO.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
L-80025	1	398'	Nov-dec/64	(1)
L-80025	2	406'	Dec/64-Jan/65	(1)
L-81152	3	448'	Jan-Feb/65	(1)
L-81149	4	501'	Feb/65-Mar/65	(1)
L-81149	5	358'	Feb/65	(1)

NOTES: (1) Received from Mining Recorder's office, cancelled claims
Put on file in Toronto Jan 7/88

DIAMOND DRILL RECORD

Whitegate Mining Co. Ltd.

PROPERTY Monpre Mining Co. Ltd. Walker Twp. (Option to/ HOLE No. 1

SHEET NUMBER 1 SECTION FROM 0 TO 398 STARTED Nov. 22, 1964

LATITUDE 28+50 N DATUM _____ COMPLETED Dec. 6, 1964

DEPARTURE Line 16+00 E BEARING south ULTIMATE DEPTH 398 ft.

ELEVATION _____ DIP 60° PROPOSED DEPTH 400 ft.

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
						Au	Cu	Zn	Tl
0 to 126	OVERBURDEN: clay, sand, gravel								
126-191	VOLCANICS: dark grey; fine grain; probably andesite; a few barren QTZ. stringers occur at 155								
191-192	CALCITE stringers, barren.								
192-203	VOLCANIC: light grey; fine grain possibly trachyte.								
203-275	VOLCANICS: interlayered coarse and fine-grained types, varieties of andesite. QTZ-Calc. stringers at 251; 258; 261; 271; 272 (with Py.)	1	272	272.3	0.3	Tr	0.3%	0.5%	1.0%
275-311	Andesite, massive, with narrow, scattered QTZ. stringers. At 298 a 6" porphyry dyke.								
311-315	BRECCIATED VOLCANIC: with QTZ. CT. stringers; minor pyrite.	3	311	311.3	0.3'	Tr.			
315-320	ANDESITE; , massive								
320-322	QUARTZ stringers, barren								
322-398	ANDESITE, several narrow bands END trachyte. QTZ with Py at 385.0	5	385	385.5	0.5	.01			

NORTHERN MINER FORM 505 REV./54

DRILLED BY L. J. Baker D. D. Co. Valdor SIGNED John C. Grady *John Grady*

DIAMOND DRILL RECORD

PROPERTY Monrore Mining Co.Ltd.-Walker Twp.-Optioned to
 Whitegate Mining Co.Ltd. HOLE No. 2
 SHEET NUMBER 1 SECTION FROM 0 TO 330 STARTED Dec.10,1964
 LATITUDE 35+ 75 N DATUM COMPLETED Jan.9,1965
 DEPARTURE Line 1800 E BEARING south ULTIMATE DEPTH 406 ft.
 ELEVATION DIP 55° PROPOSED DEPTH 400

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
						Cu	Au	Pb	Zn
0-175	OVERBURDEN: 0-25= clay and from 25-175: sand,boulders,gravel.	W20	175.4	176.4	12"	.02	Tr	nil	n.
175-208	ACID VOLCANIC; porphyritic; probably trachyte or phonolite. Is mineralized with sulphides; mostly PY,some CCPy.Fair mineralization, best is 2-3% over 1 ft.lengths.Occurs disseminated & as small blebs.	W21	182	183	12"	.26	Tr	"	"
		W22	184	185	12"	.14	Tr	"	"
		W23	176.4	177.5	13"	.1	Tr	"	"
		W24	207	207.8	8"	.01	Tr	"	"
208-211	ACID VOLCANIC with stringers & irreg.masses QTZ-Ct.,barren.								
211-243	VOLCANIC; brittle,hard,light to dk. grey,probably acid.Cut by numerous fractures cemented by QTZ & Ct.								
243-255	ANDESITE: hard,dark grey to black; fine-grain; massive; splintery; no QTZ.or CT. stringers.								
255-275	ANDESITE: medium-grained; dk.grey; fractures and bedding @ 45 to C.A.								
275-300	ANDESITE; as before								
300-330	Interbedded Andesite, brittle variety and chloritized type.barren								

NORTHERN MINER FORM 805 REV.54

DRILLED BY L.W. Baker Co Val Dva SIGNED John L. Brady geologist

DIAMOND DRILL RECORD

PROPERTY Monpre Mining Co.-Walker Twp.-Whitegate Mining Co. HOLE No. W-2
option

SHEET NUMBER 2 SECTION FROM 330 TO 406 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING ULTIMATE DEPTH

ELEVATION DIP PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
330-350	Andesite: brittle, (silicified?)								
350-406	Andesite: interlayered hard, brittle dark grey variety of andesite and chloritized andesite. Contains many blotches and patches of Qtz. & Calcite. Somewhat contorted in places but on whole is massive. Angles of bedding and fractures to core axis is a constant 45°. A few narrow Qtz. stringers and occasional speckled patches of Py.								
406	END.								

NORTHERN MINER FORM 505 REV./54

DRILLED BY L. J. Baker Co.

J. C. Grady, Geologist

SIGNED _____

J. C. Grady

DIAMOND DRILL RECORD

PROPERTY Monpre Mining Co.-Walker Twp-Whitegate option **HOLE No.** W 3-A
SHEET NUMBER 1 **SECTION FROM** 0 **TO** 448 **STARTED** Jan. 25, 1965
LATITUDE 23+75N on L 1000E **DATUM** **COMPLETED** Feb. 3
DEPARTURE 40'W of above point **BEARING** south **ULTIMATE DEPTH** 448
ELEVATION on river. **DIP** 55° **PROPOSED DEPTH** 400
river level

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
						Au			
0-131	OVERBURDEN: sand, gravel, boulders								
131-220	ANDESITE: fine grain; dk. grey; massive; sparse Py. occ. Qtz. veins.								
220-296	PHONOLITE: identified in thin section by petrographic lab.	W25	278	278'9"	9"	nil			
228-235	brecciated & silicified	W31	282		2"	nil			
275-296	sheared, brecciated with silica, sparse Py.								
296-325	ANDESITE: med. to dk. grey; chloritized; massive; a few Qtz. stringers.	W26	325		3"	nil			
325-332.5	TUFF, sericitized; in places is iron-stained in open fractures.	W30	329		2"	nil			
332.5-350	ANDESITE	W29	380		2"	nil			
350-400	TUFF ? brecciated, contorted, cemented by QTZ. contains sparse patches PY. Open fractures are iron-stained	W27 W28	388 398		3" 5"	nil nil			
400-448	ANDESITE: 426 to 448 has lost core in places due to drill going down dip of fractures.								
448	END								

NORTHERN MINER FORM 505 REV./54

DRILLED BY J. J. Baker

SIGNED

J. C. Grady, geologist

John Grady

DIAMOND DRILL RECORD

PROPERTY Monpre Mining Co.-Walker Twp.-Whitegate option HOLE No. W-3
 SHEET NUMBER 1 SECTION FROM 0 TO 133 STARTED Jan. 13/65
 LATITUDE 23+75 N on Line 1000 E DATUM COMPLETED Jan. 22
 DEPARTURE 50 ft. W. of above point BEARING 210° ULTIMATE DEPTH 133
 ELEVATION river level DIP 55° PROPOSED DEPTH 400

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
0-133	Overburden: sand, gravel & boulders throughout with large boulders past 100 feet. The hole was abandoned when both casing shoe and coring bit jammed in boulders.								

DRILLED BY L. J. Baker Co. SIGNED J. C. Grady, geologist
John C. Grady

DIAMOND DRILL RECORD

PROPERTY Monpre Mining Co-Walker Twp-Whitegate option **HOLE No.** W 4
SHEET NUMBER 1 **SECTION FROM** 0 **TO** 501 **STARTED** Feb. 5, 1965
LATITUDE N. shore Shallow River, 200ft. W. of east twp. boundary **COMPLETED** Mar. 12
DEPARTURE 75' N of river bank **BEARING** 160° **ULTIMATE DEPTH** 501
ELEVATION 15' above river **DIP** 50° **PROPOSED DEPTH** 600

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
0-277:	OVERBURDEN: 0-25: boulder clay 25-277: sand, boulders.								
277-501:	ULTRABASIC ROCKS: mainly ser- pentinized peridotite and dunite; with some pyroxenite. PICROLITE occurs in several bands between 277-303. TALC occurs at 370 ft. PYROXENITE occurs at 400 ft. Poor recovery throughout, with considerable core ground & lost. 279-280.8 = picrolite with serp. perid. 282.3-283.9: ground core with two 1" pieces of picrolite. 283.9-285: ground core, all serp. perid. Picrolite pieces occur at 285.7 290; 295; 301.9; 303.2								
	350-375: fair recovery; much black, shiny serpentine on slip planes; considerable number of carbonate stringers.								
	370.7-371.5: two 1" talc wafers.								
	398-400: pyroxenite								
	458-501: serp. perid. lost & broken throughout. 501: END.								

NORTHERN MINER FORM 905 REV./54

DRILLED BY L. J. Baker Ltd. **SIGNED** J. C. Grady, geologist

John C. Grady

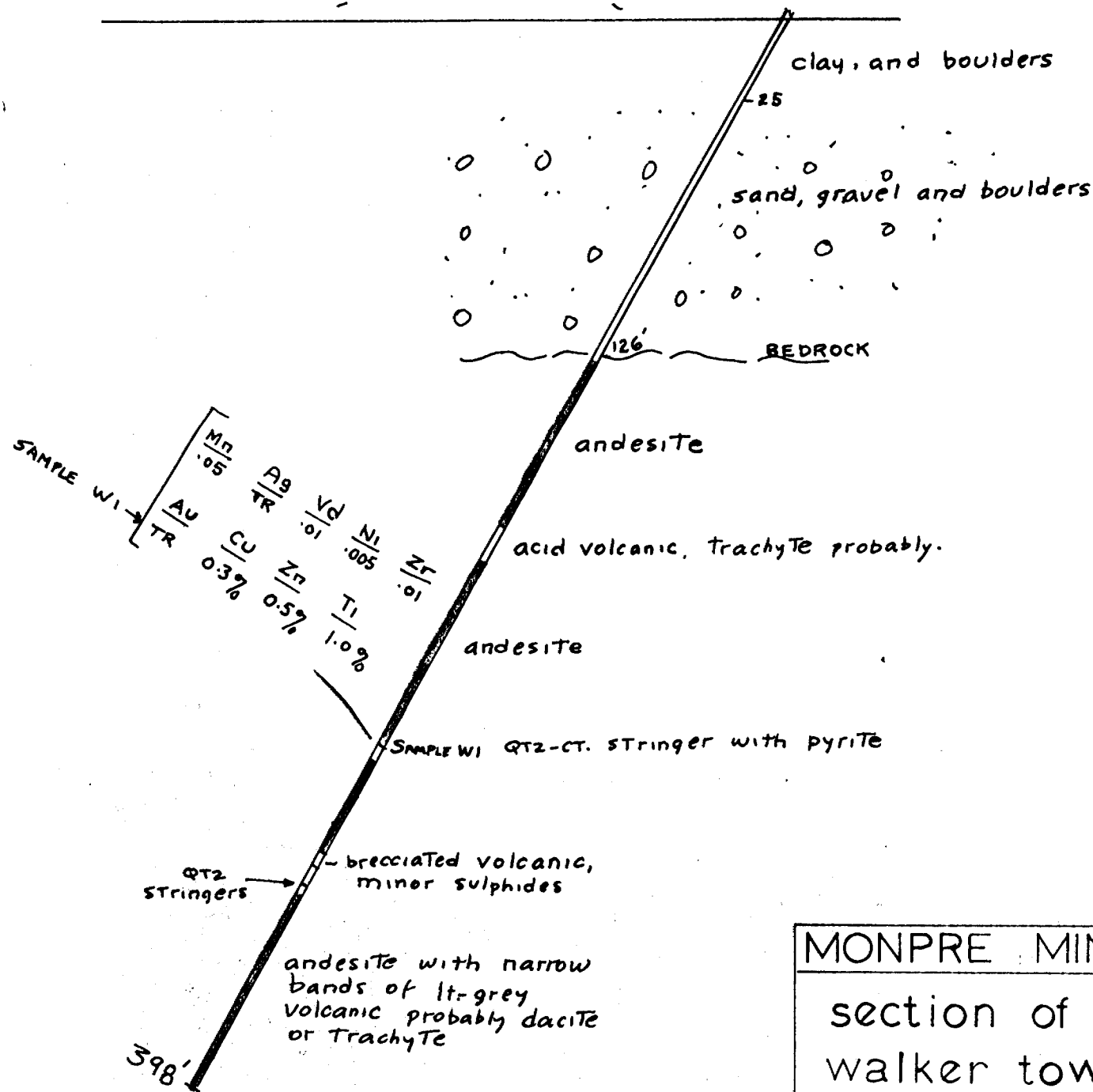
DIAMOND DRILL RECORD

PROPERTY Monpre Mining Co. - Walker Twp.-Whitegate option **HOLE No.** 5
SHEET NUMBER 1 **SECTION FROM** 0 **TO** 358 **STARTED** Feb. 14, 1965
LATITUDE N. Shore of Shallow River 200'W of east boundary of Walker Township **COMPLETED**
DEPARTURE 100 Ft. N of Hole 4 or 175 ft. N. of river shore **ULTIMATE DEPTH** 358
ELEVATION 25' above river **DIP** 70 **PROPOSED DEPTH** 500

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
0-25	boulder clay								
25-358:	sand, gravel and boulders.								
	A five-foot diameter boulder at 344-349								
	Hole was abandoned with casing jammed in boulders at 344 and coring bit at 358.								

NORTHERN MINER FORM 505 REV./54
 DRILLED BY I. J. Baker D. D. Co. Ltd. Valdor, P. Q. SIGNED J. C. Grady, geologist
John C. Grady

E. M.
ANOMALY



MONPRE MINING CO LTD.

section of d.d.h. no.1
walker township

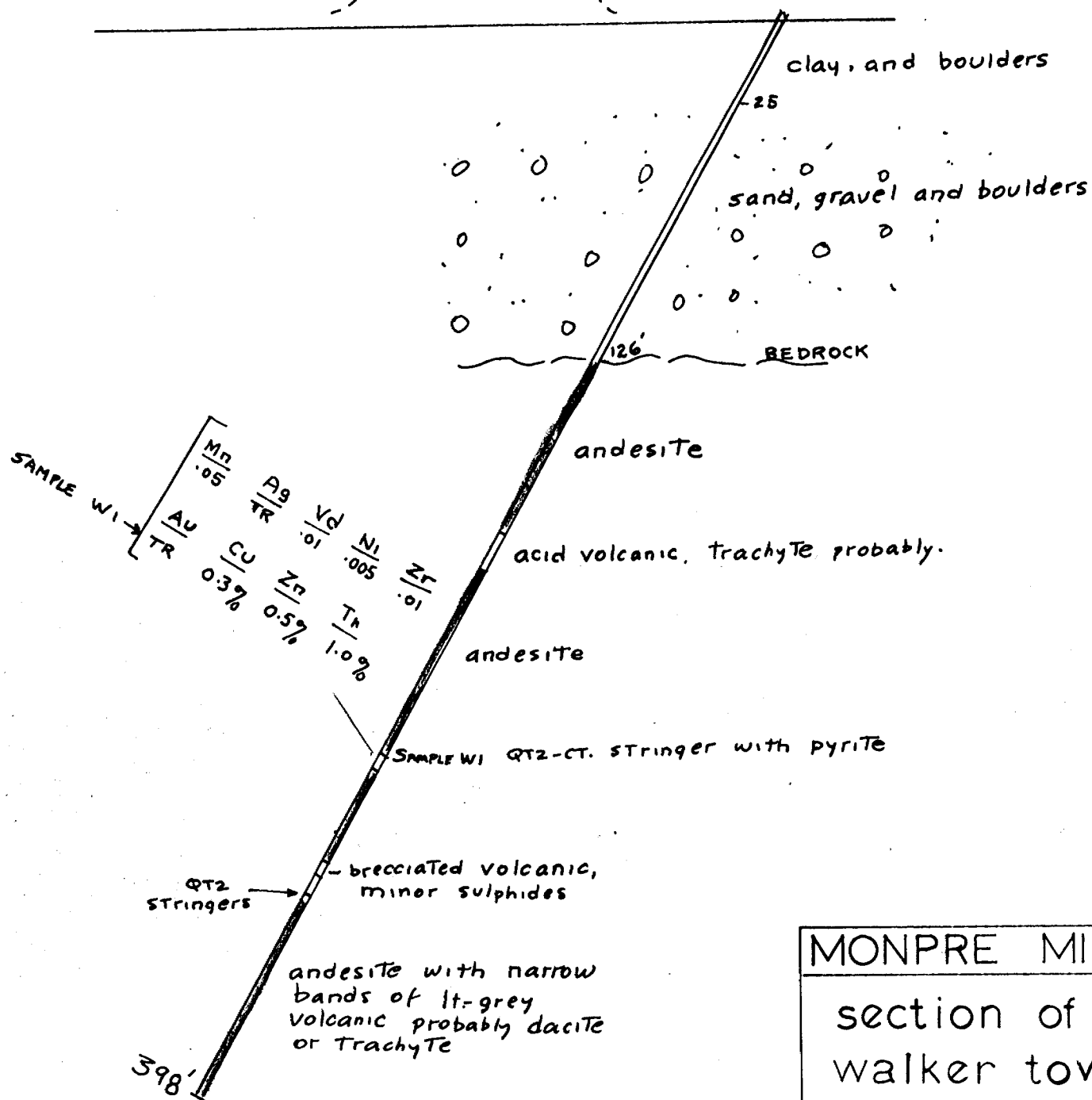
scale: 1 inch to 50 feet

completed: Dec. 6 1964

logged by: J.C. Grady, geologist.



E.M.
ANOMALY

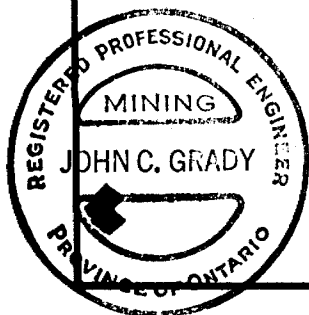


MONPRE MINING CO LTD.

section of d.d.h. no.1
walker township

scale: 1 inch to 50 feet

completed: Dec. 6 1964
logged by: J.C. Grady, geologist.



E.M. ANOMALY

34+00 N

35+75 N

clay

sand, gravel, boulders

SAMPLE	Cu	Au	Pb	Zn
W 20	.02	Tr	nil	nil
W 21	.26	"	"	"
W 22	.14	"	"	"
W 23	.10	"	"	"
W 24	.01	"	"	"

porphyritic volcanic with 2 to 3 % sulphides

acid volcanic

int. volcanic, fine grain

int. volc, med. grain

int. volcanic, Qtz & ct. stringers

intermediate, massive volcanic probably andesite. chloritized in places

406'

MONPRE MINING CO LTD

SECTION OF D.D.H. 2
WALKER TP. ONTARIO

Scale: 1 inch to 50 feet

Completed: JAN 9 1965
Logged by: John C. Grady, P. ENG.





42A10NE0072 17 WALKER

900

W65 0890025

ONTARIO

THE MINING ACT REPORT OF WORK

Larder Lake

required for each type of work to be recorded.

To the Recorder of Monpre Mining Co. Ltd Mining Division A 31342

name of Recorded Holder Suite 305, 62 Richmond St. West, Toronto, Ontario

do hereby report the performance of 2242 days of diamond drilling type of work

not before reported to be applied on the following contiguous claims

Table with 6 columns: Claim No., Days, Claim No., Days, Claim No., Days. Rows include L80025, L80026, L81149, L81150, L81151, L81152.

All the work was performed on Mining Claim (s) 80025, 81149, 81152

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

- 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 Geological and Geophysical Survey - The names and addresses of men employed as well as dates. Type of instrument used in the case of geophysical survey. Reports and maps in duplicate must be filed 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: (Attach a list if this space is insufficient)

Diamond Drilling Footage= 2242
No. of Holes = 5
Angle of Holes 55 to 70
Diameter of Core= AX except Hole 4 which was EX
Core is stored on the property
Owner & Operator of Drill is L. J. Baker Diamond Drilling Co. Valdor, P. Q.
Dates of Drilling= Nov. 22nd, 1964 to April 5, 1965.

Core logs and sketches submitted.

Supervision of drilling by John C. Grady, M.Sc., P. Eng., Geologist.
Date April 15, 1964
Signature of Recorded Holder or Agent J. C. Grady

The Mining Act Certificate Verifying Report of Work

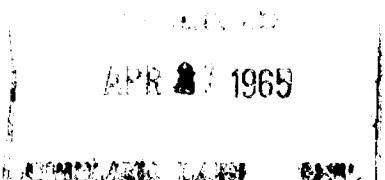
I, John C. Grady, 265 Waterloo Avenue, Downsview, Ontario (Post Office Address)

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 April 15 1965

Signature of John C. Grady



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

WALKER

WILKIE



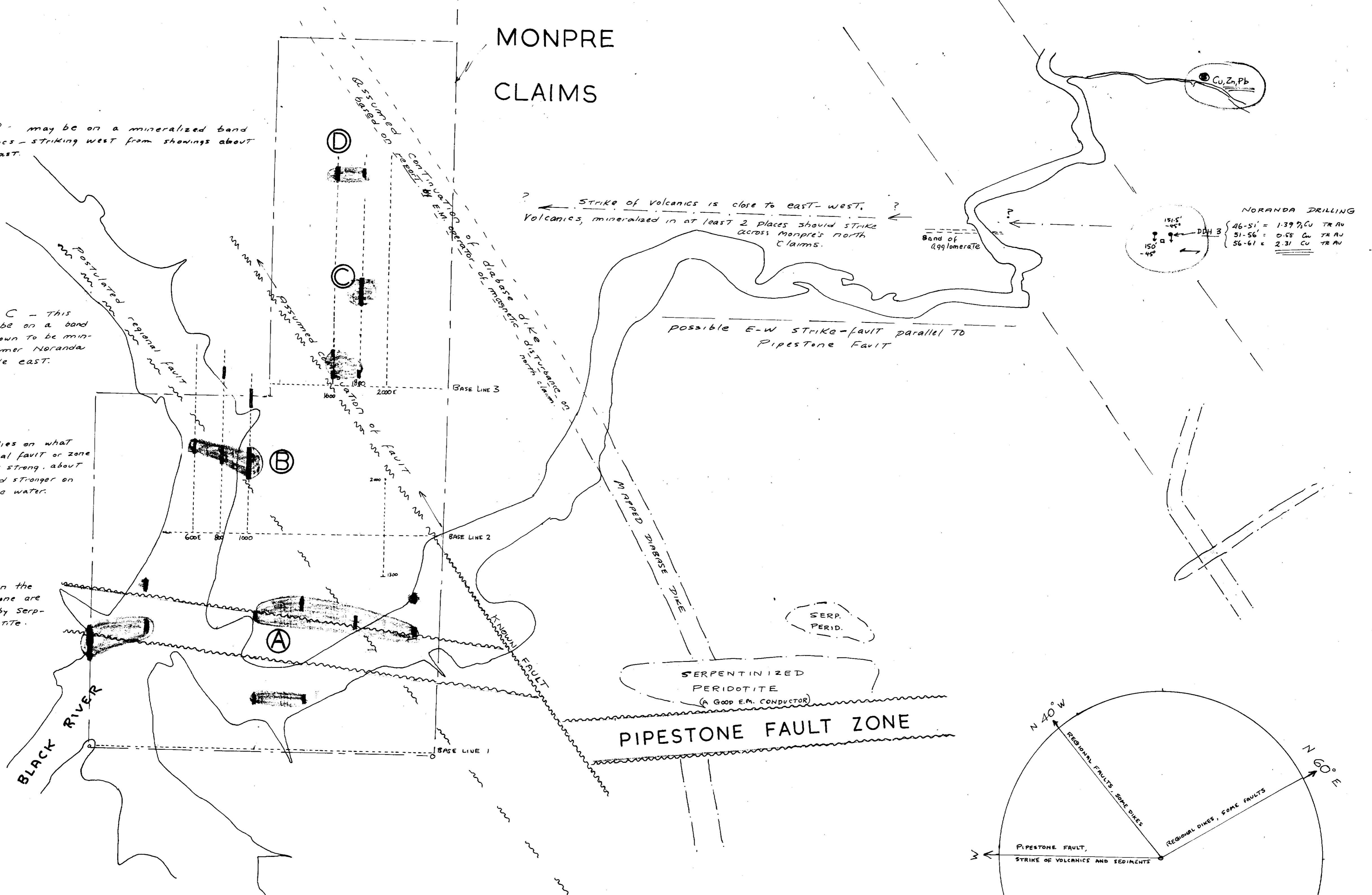
MONPRE
CLAIMS

Conductor D - may be on a mineralized band of volcanics - striking west from showings about a mile east.

Conductor C - this conductor may be on a band of volcanics known to be mineralized on former Noranda ground a mile east.

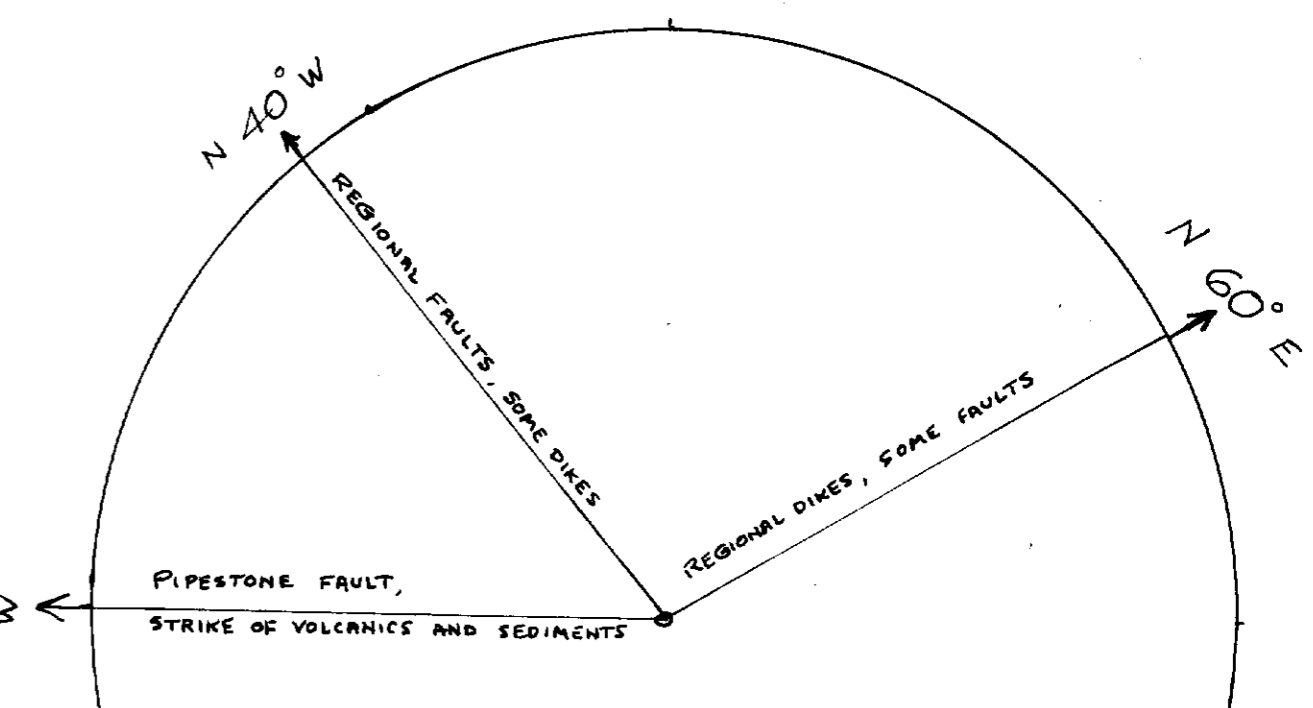
Conductor B lies on what may be a regional fault or zone of faults. It is strong, about 500 feet long and stronger on land than on the water.

Conductors A on the Pipestone Fault Zone are believed caused by Serpentinized peridotite.



NORANDA DRILLING

46-51'	=	1.39% Cu TR AU
51-56'	=	0.55% Cu TR AU
56-61'	=	2.31% Cu TR AU



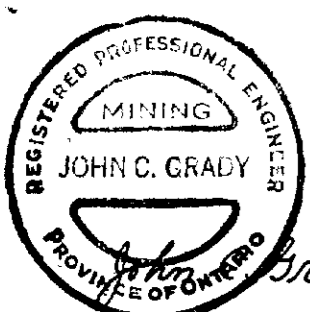
THE MOST IMPORTANT STRUCTURAL DIRECTIONS IN THE AREA ARE BELIEVED TO BE AS SHOWN ABOVE.

MONPRE MINING COMPANY LTD.

E.M. CONDUCTORS-WALKER TOWNSHIP



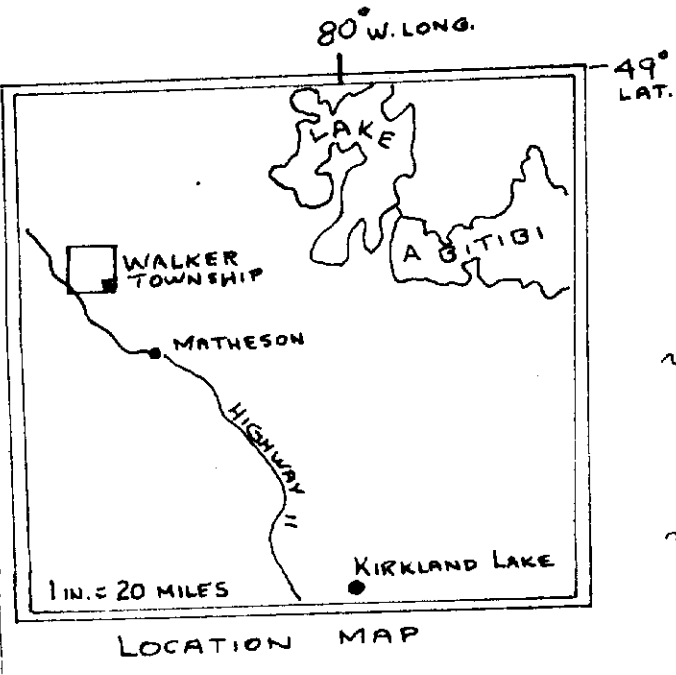
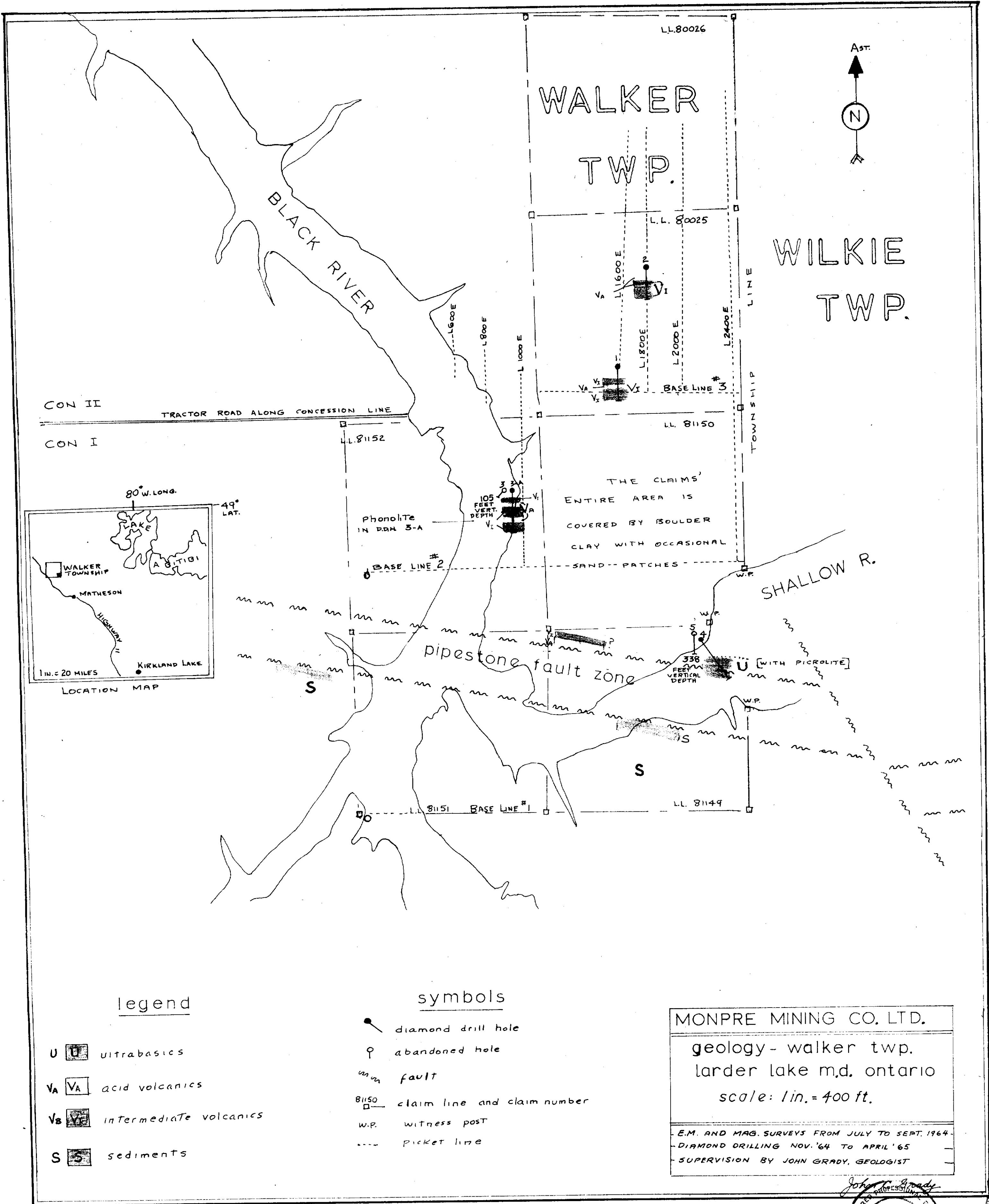
200



Grady, P.ENG. JULY 13, 1964



GEOLOGY FROM O.D.M. MAP WILKIE TWP.



legend

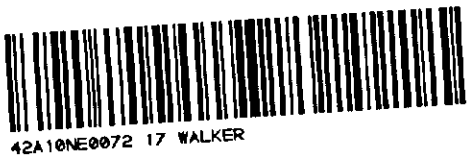
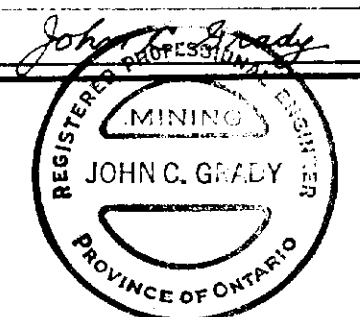
- U ultrabasics
- Va acid volcanics
- Vs intermediate volcanics
- S sediments

symbols

- diamond drill hole
- abandoned hole
- fault
- claim line and claim number
- witness post
- picket line

MONPRE MINING CO. LTD.
 geology - walker twp.
 larder lake m.d. ontario
 scale: 1 in. = 400 ft.

E.M. AND MAG. SURVEYS FROM JULY TO SEPT. 1964.
 DIAMOND DRILLING NOV. '64 TO APRIL '65
 SUPERVISION BY JOHN GRADY, GEOLOGIST



← S

THE SHALLOW RIVER

N →

APPROX. SOUTH CONTACT OF THE PIPESTONE FAULT ZONE

SOUTH BANK

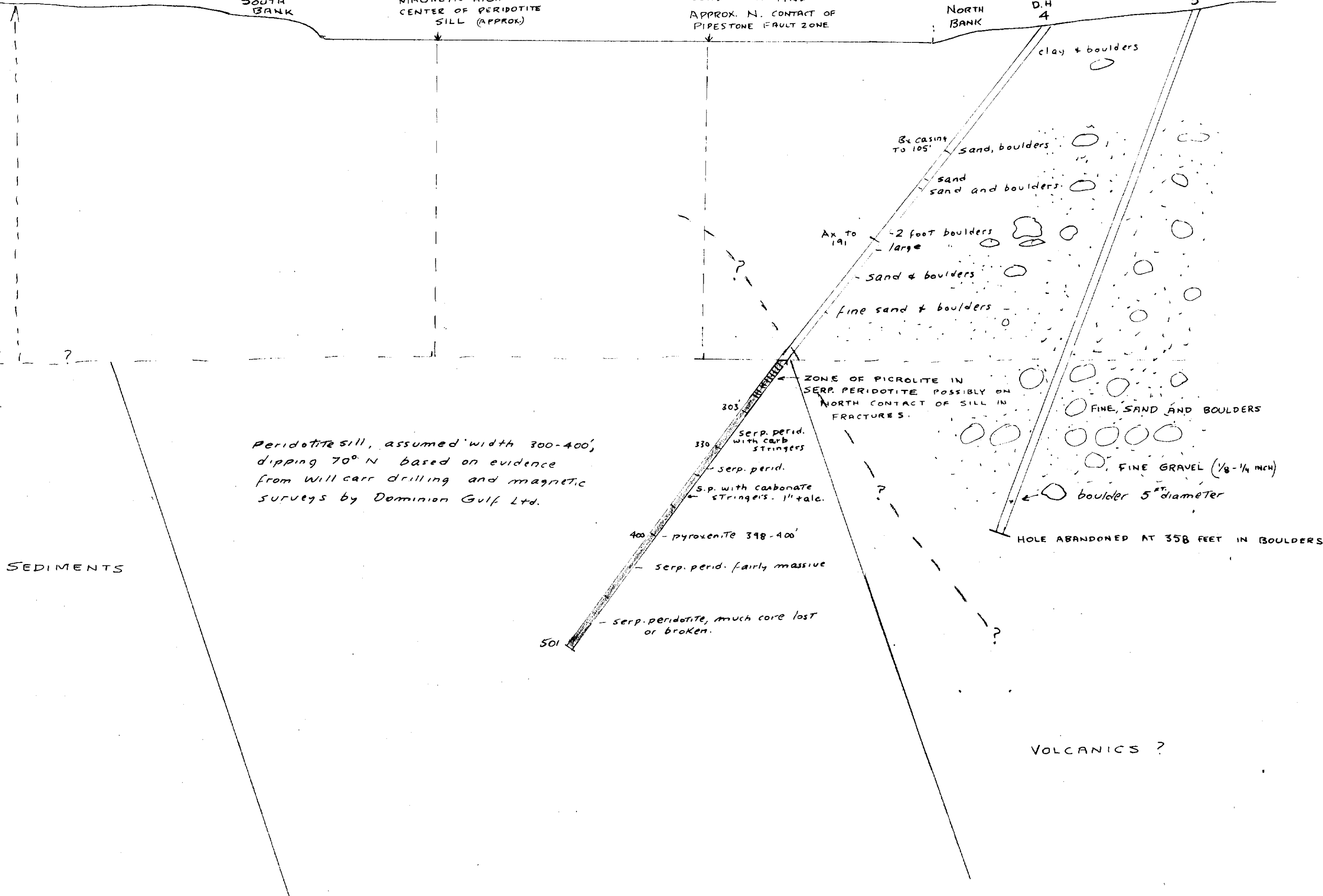
MAGNETIC HIGH = CENTER OF PERIDOTITE SILL (APPROX)

LOCATION OF E.M. CONDUCTOR AND APPROX. N. CONTACT OF PIPESTONE FAULT ZONE

NORTH BANK

D.H. 4

D.H. 5



MONPRE MINING COMPANY LTD.

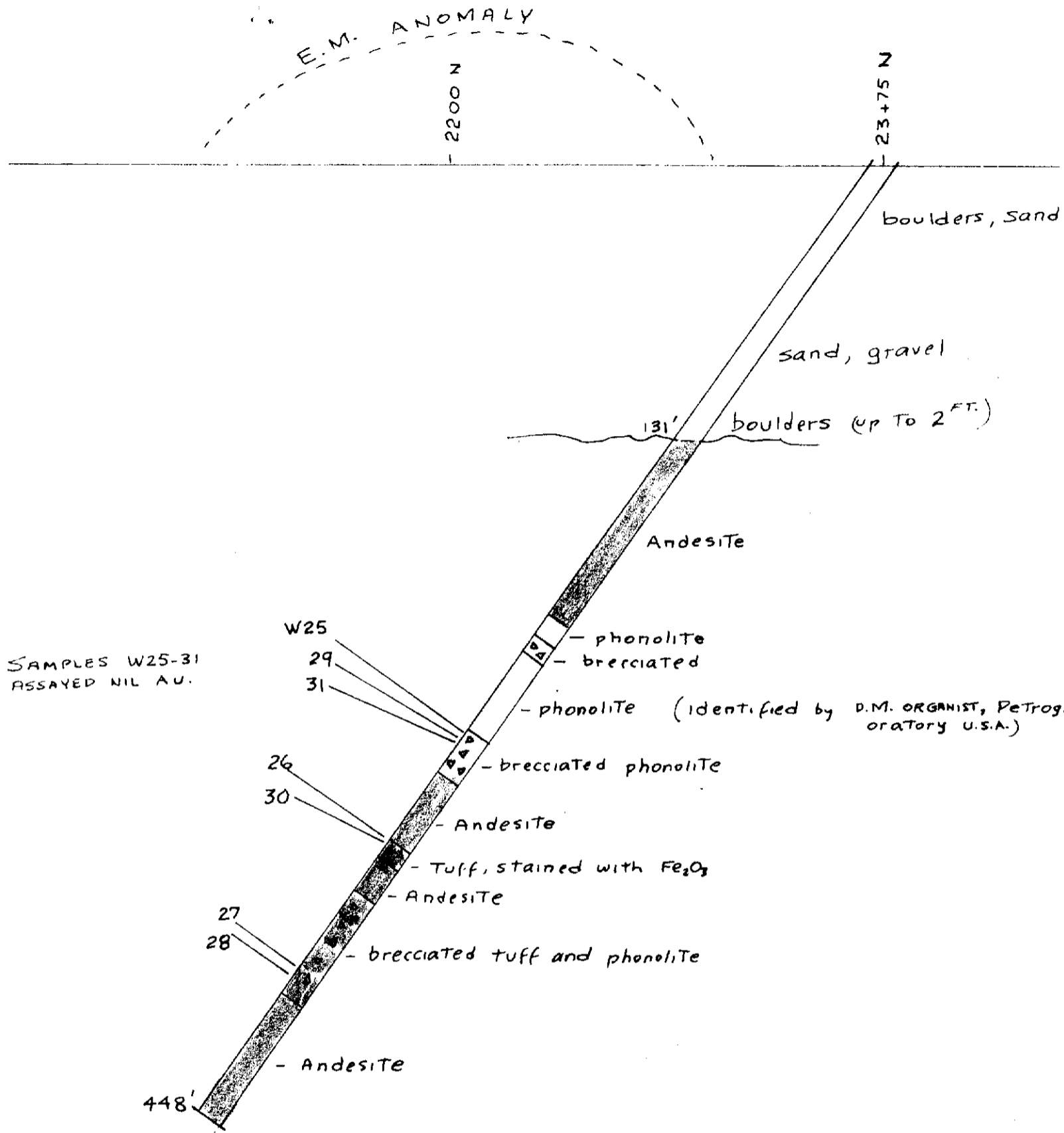
SECTION - D.D.H. 4 & 5 WALKER TOWNSHIP



220

scale: 1 inch to 50 feet





SAMPLES W25-31
ASSAYED NIL AU.

(identified by D.M. ORGHIST, Petrographic Laboratory U.S.A.)



230

MONPRE MINING CO. LTD.
SECTION - D.D.H. NO. 3-A WALKER TP. ONTARIO
scale = 1 inch to 50 feet
cp/t'd: Feb. 3, 1965 Logged by J. Grady, geologist

