

MAR 19720004: SOUTHWESTERN ALBERTA

Received date: Dec 31, 1972

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Copper

ECONOMIC MINERALS

FILE REPORT No.

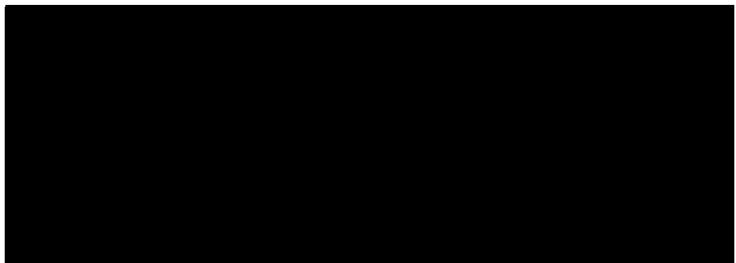
U
CU-AF-025(2)

QUARTZ MINERAL EXPLORATION PERMIT # 147

Alcor Minerals Ltd., conducted an exploration program on Permit 147 commencing July 1, 1971 and completed at August 31, 1971.

This work consisted mainly of trenching and the recording of the trenching data. This trenching was done with two men crews carried out in three areas on the Permit. Only minor occurrences of mineralization was found.

Dated May 1, 1972.



Donald S. O'Sullivan, Secretary-Treasurer

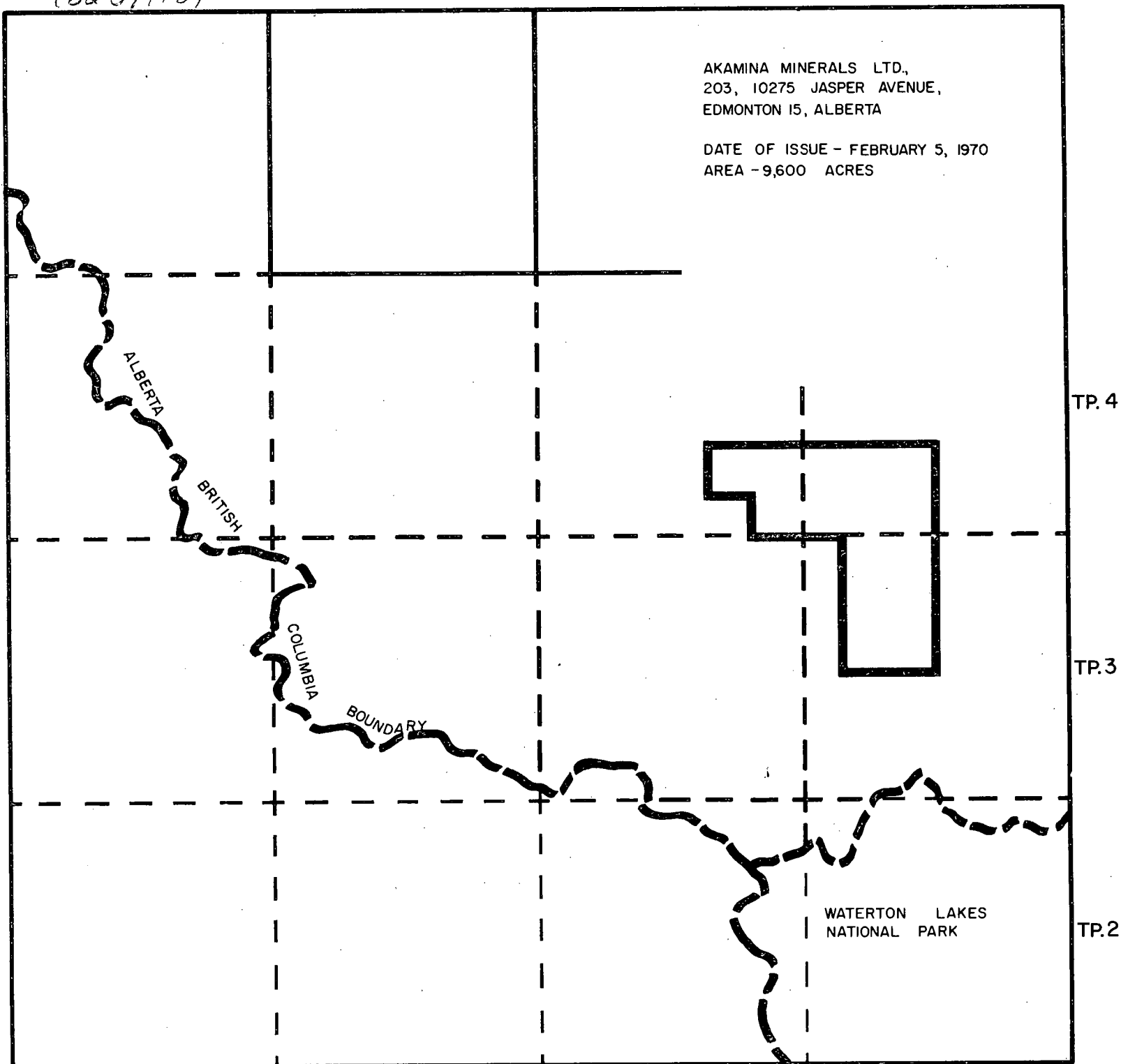
A handwritten signature in cursive script, likely belonging to Donald S. O'Sullivan.

QUARTZ MINERAL EXPLORATION PERMIT No. 147

(82G/148)

AKAMINA MINERALS LTD.,
203, 10275 JASPER AVENUE,
EDMONTON 15, ALBERTA

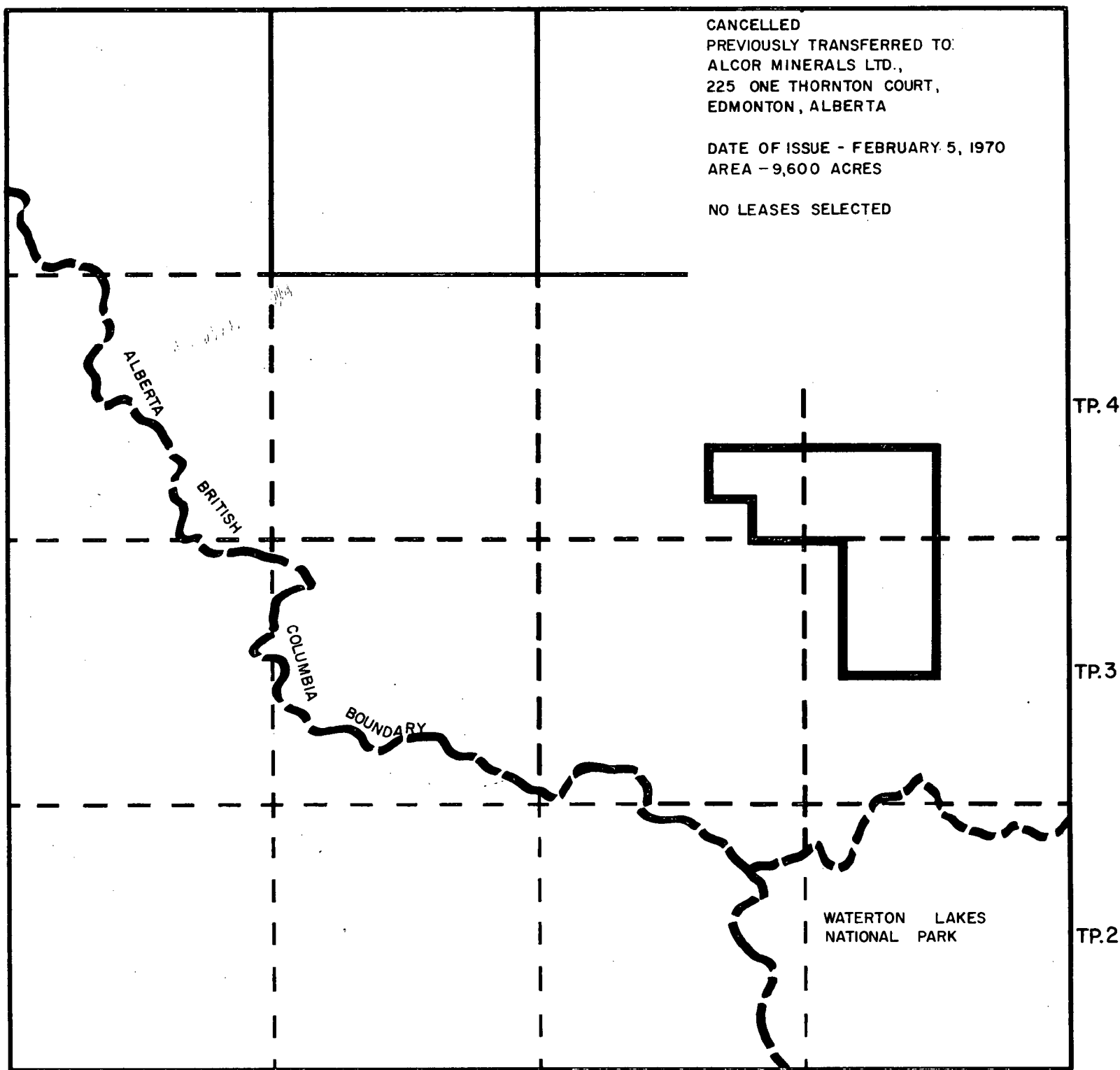
DATE OF ISSUE - FEBRUARY 5, 1970
AREA - 9,600 ACRES



R.2

R.1 W.5 M.

QUARTZ MINERAL EXPLORATION PERMIT No. 147



CANCELLED
PREVIOUSLY TRANSFERRED TO:
ALCOR MINERALS LTD.,
225 ONE THORNTON COURT,
EDMONTON, ALBERTA

DATE OF ISSUE - FEBRUARY 5, 1970
AREA - 9,600 ACRES

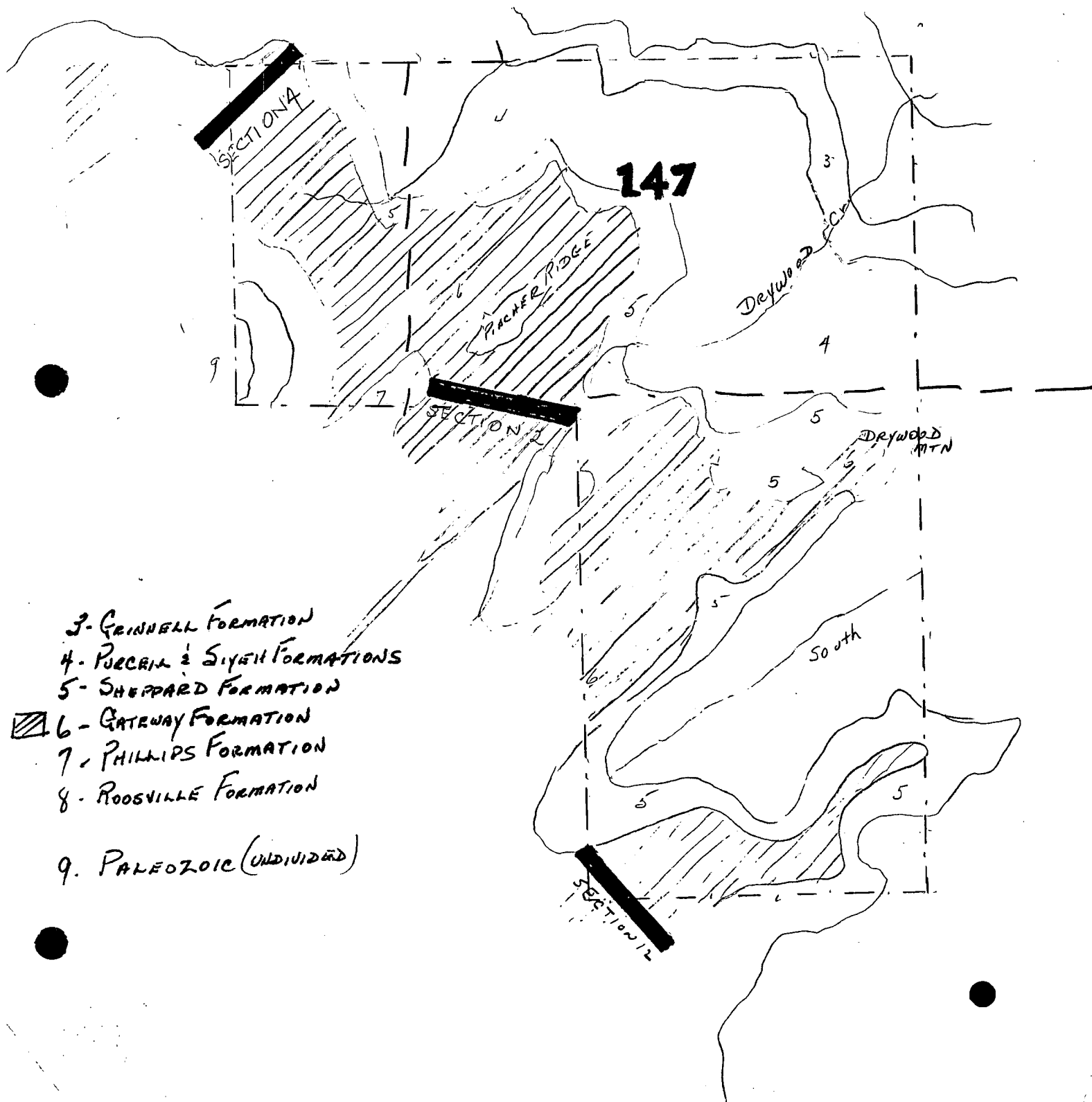
NO LEASES SELECTED

PERMIT # 147

19720004

ALCOB MINERALS LTD.

SCALE: 1:50,000



3 - GRINNELL FORMATION

4 - PUECHLA & SIVERL FORMATIONS

5 - SHEPPARD FORMATION

6 - GATEWAY FORMATION

7 - PHILLIPS FORMATION

8 - ROOSEVILLE FORMATION

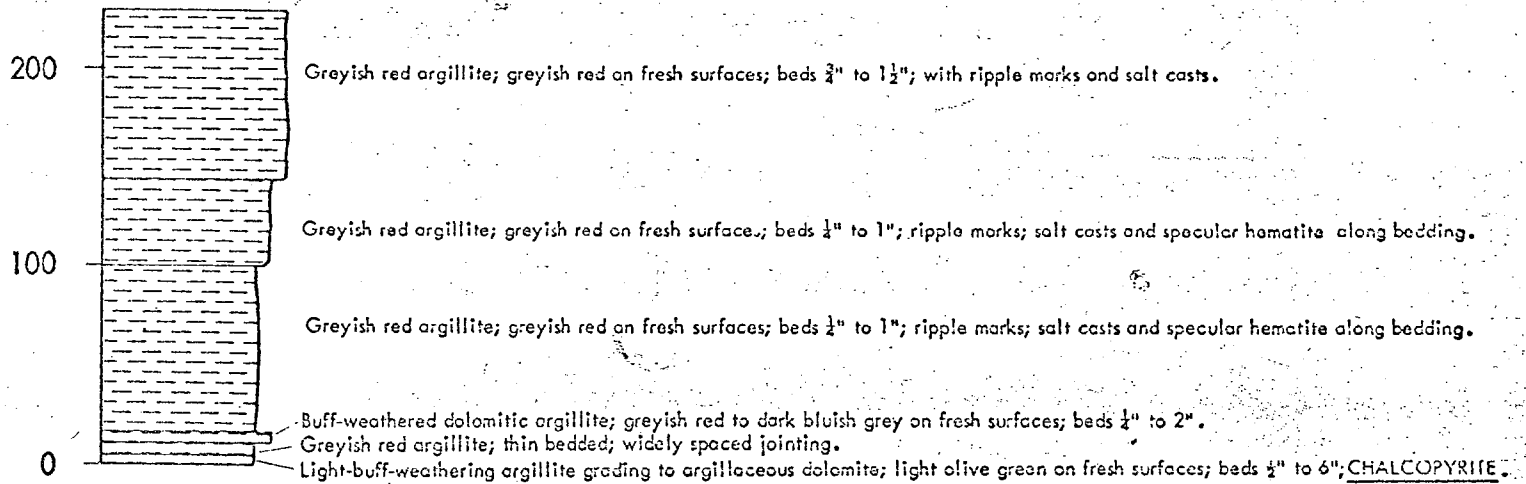
9. PALEOZOIC (UNDIVIDED)

should have Section 4 - Victoria Peak.
 This section is N of the permit area.

SECTION 14 - PRAIRIE BLUFF

LOWER GATEWAY FORMATION

Transition

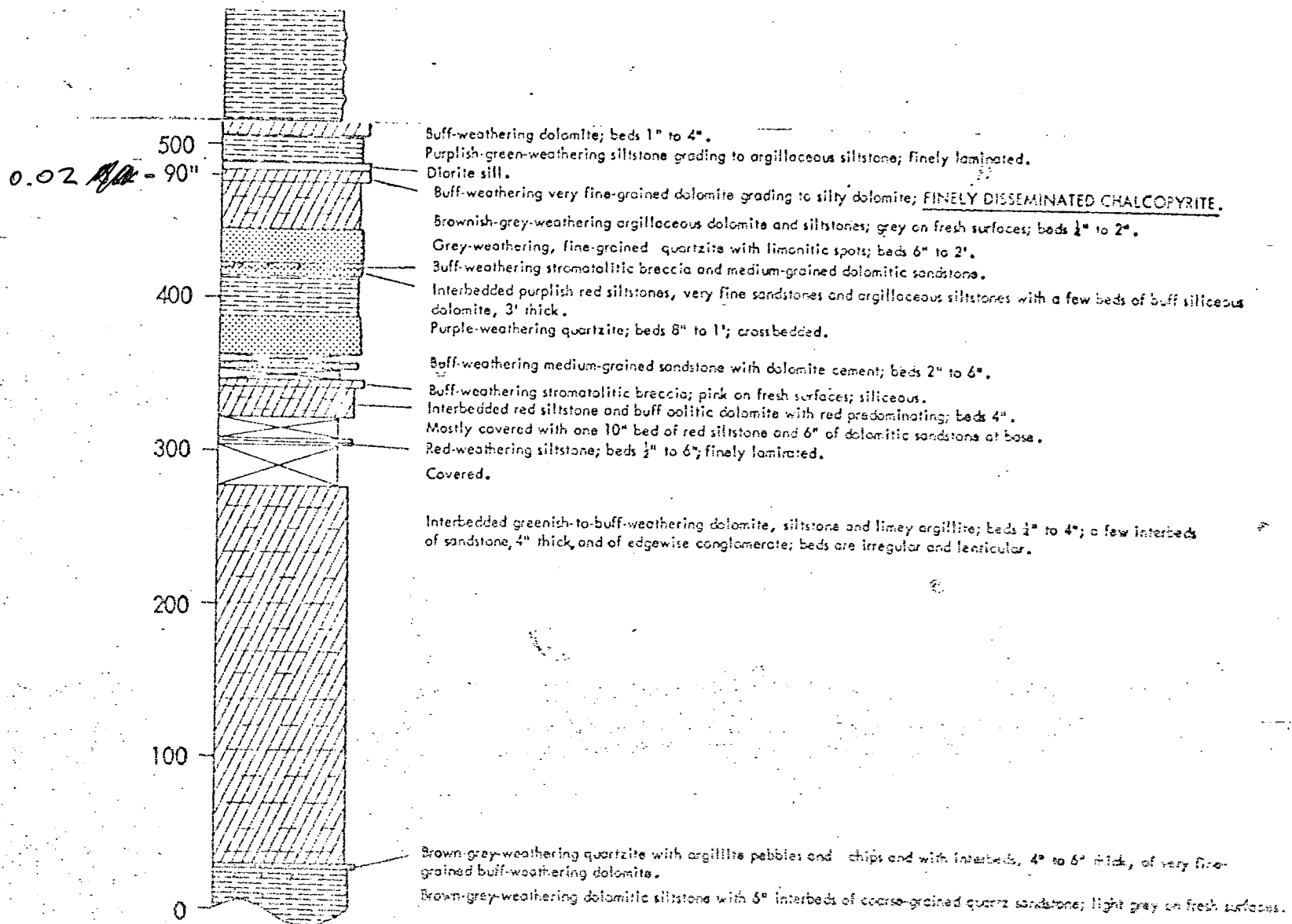


SHEPPARD FORMATION

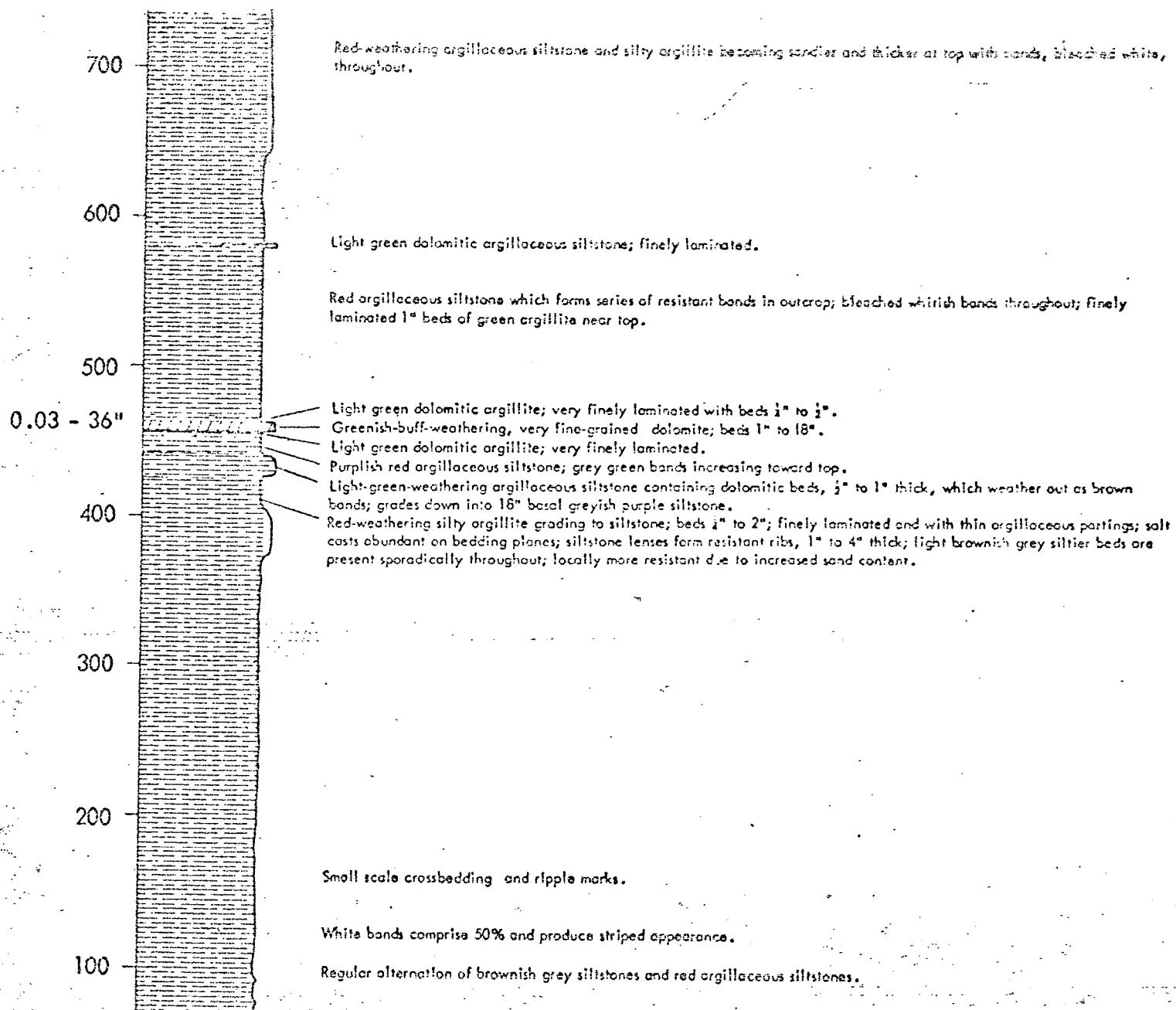
S2-4

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SHEPPARD FORMATION



LOWER GATEWAY FORMATION



S2-2

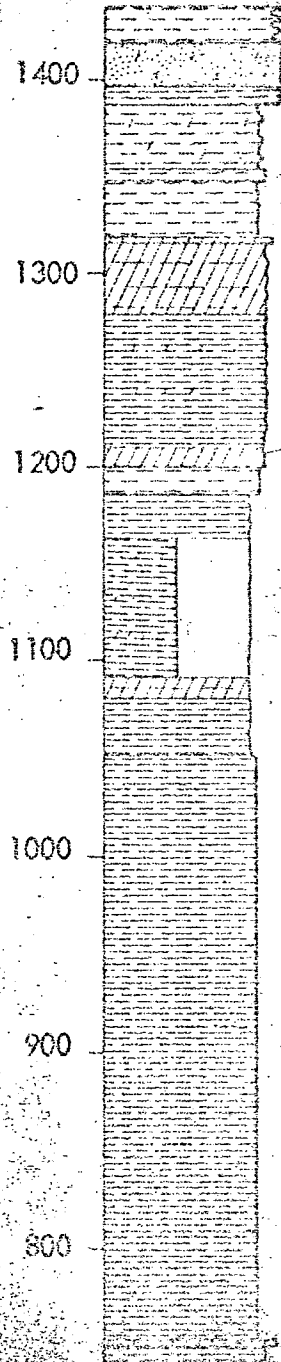
19720004

SECTION 2 - PINCHER RIDGE

PHILLIPS FORMATION

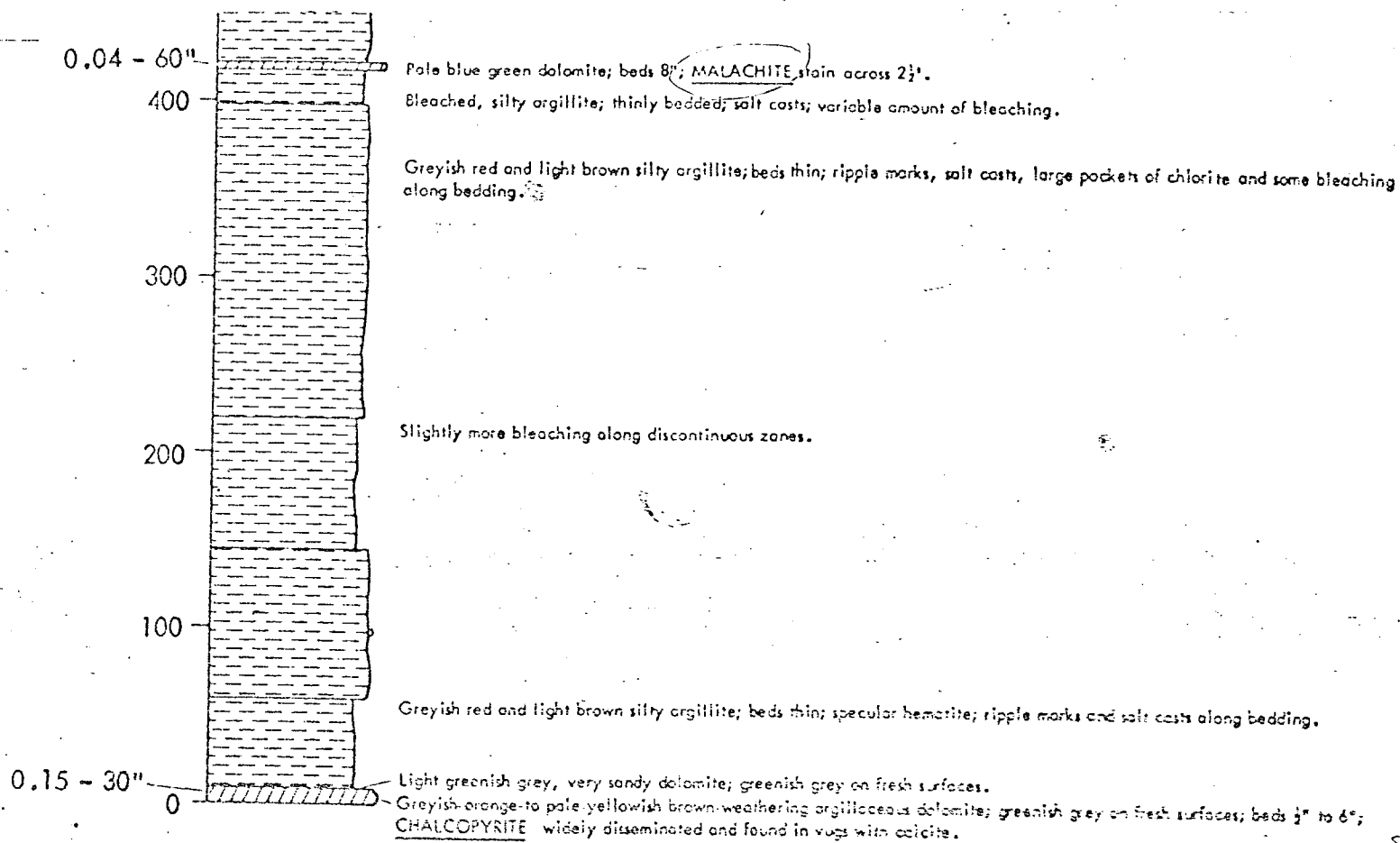
UPPER GATEWAY FORMATION

Transition



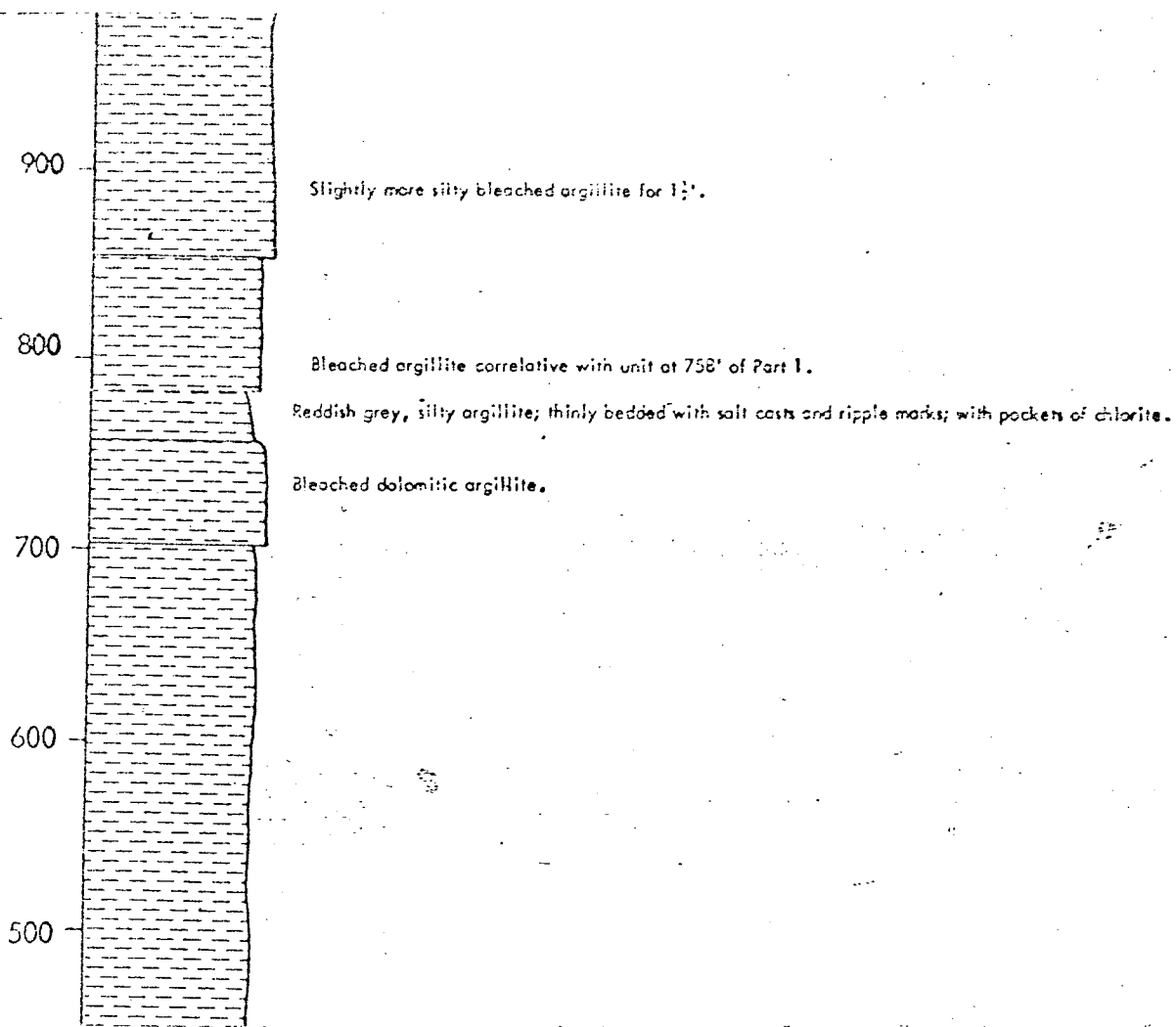
- Green argillite with more resistant siltier beds, 3" to 4" thick, more abundant gray.
- Brown-weathering dolomitic sandstone grading to siltstone; beds 2" to 6".
- Green-weathering siltstone with thin argillaceous partings; beds 6" to 1'.
- Interbedded green-weathering siltstones and argillites with a few 4" beds of brown-weathering sandy dolomite.
- Purplish-red-weathering, very finely laminated argillaceous siltstone.
- Green-weathering, very finely laminated argillite with a few more resistant siltstone beds 1" to 4" thick.
- Rusty-brown-weathering finely laminated, silty dolomite with beds 2" to 4" thick, some ripple marks.
- Brownish-green-weathering, very fine-grained dolomite grading to argillaceous dolomite; beds 1" to 2"; more argillaceous at top.
- Green-weathering argillaceous siltstone with interbeds of silty dolomite, 1" to 4" thick.
- Brown-weathering, sandy dolomite in very thin beds.
- Greenish-brown-weathering silty dolomite in very thin beds.
- Brownish-green-weathering argillite grading to argillaceous siltstone; finely laminated.
- Interbedded purplish red siltstones, green argillaceous siltstones and a few sandy dolomite beds 2" to 4" thick; argillites and siltstones are finely laminated and alternate in units 2' thick.
- Interbedded sequence of green-weathering siltstones; argillaceous dolomite in both 1" to 2".
- Green-brown-weathering very fine-grained argillite grading to silty dolomite; beds 1" to 2".
- Green-weathering argillites and siltstones, with a few 4" beds of brown-green weathering silty dolomite; finely laminated; beds 1" to 2".
- Interbedded red-and-greyish-green-weathering siltstones and argillaceous siltstones, alternating in units 2' thick.
- Red-weathering siltstone; beds 4" to 1'; finely laminated.
- Light green-weathering, very fine-grained dolomite; beds 1" to 4".

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812-3

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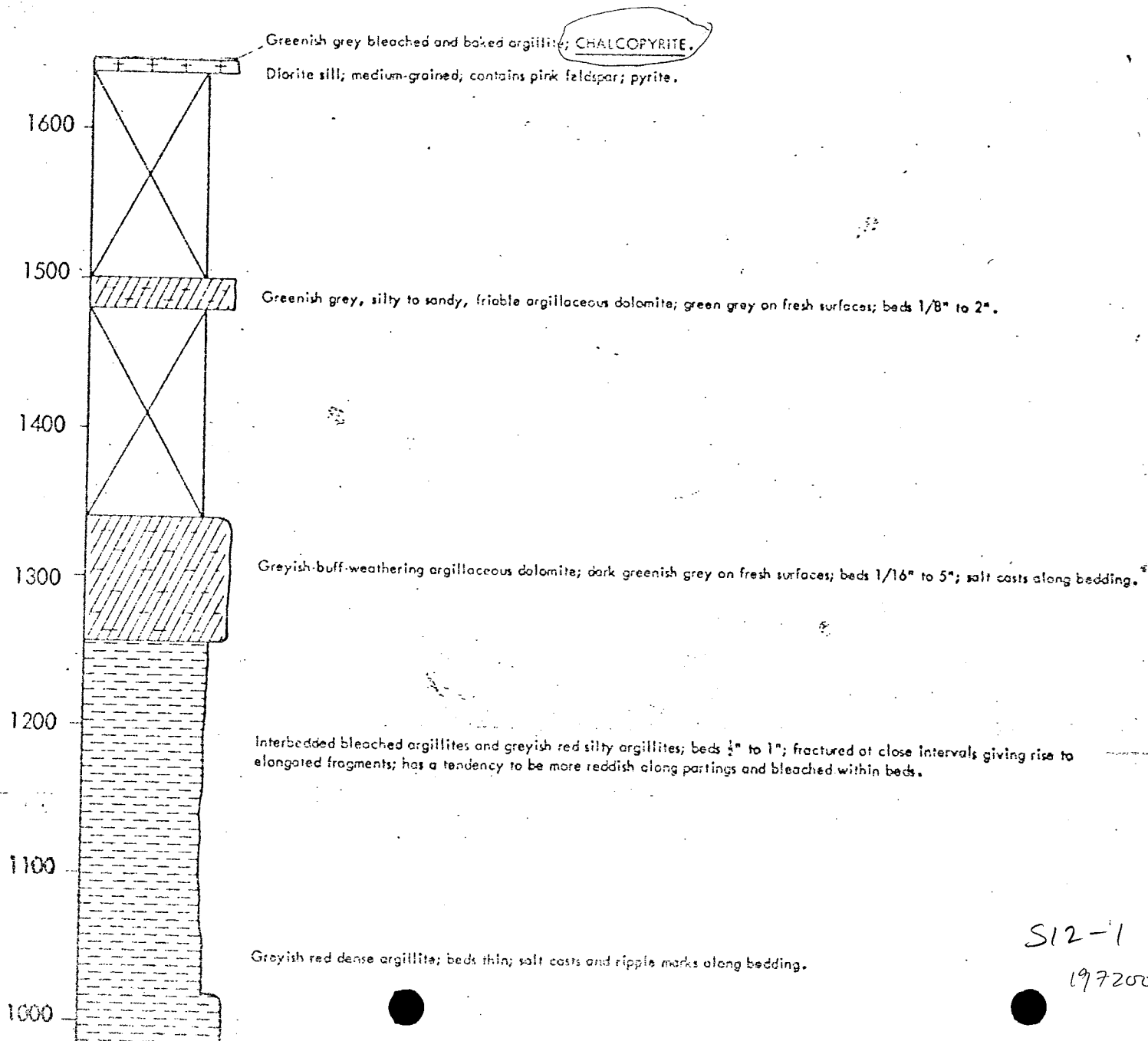
S12-2
19720004

SECTION 12 - LOAF MOUNTAIN

A12

UPPER GATEWAY FORMATION

Transition



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