

GEOLOGY
OF THEH.B. PAN AM S. ISLAND R. M - 41
GAS DISCOVERYMIDDLE DEVONIAN CARBONATE BARRIER COMPLEX
GREAT SLAVE PLAIN
NORTHWEST TERRITORIES

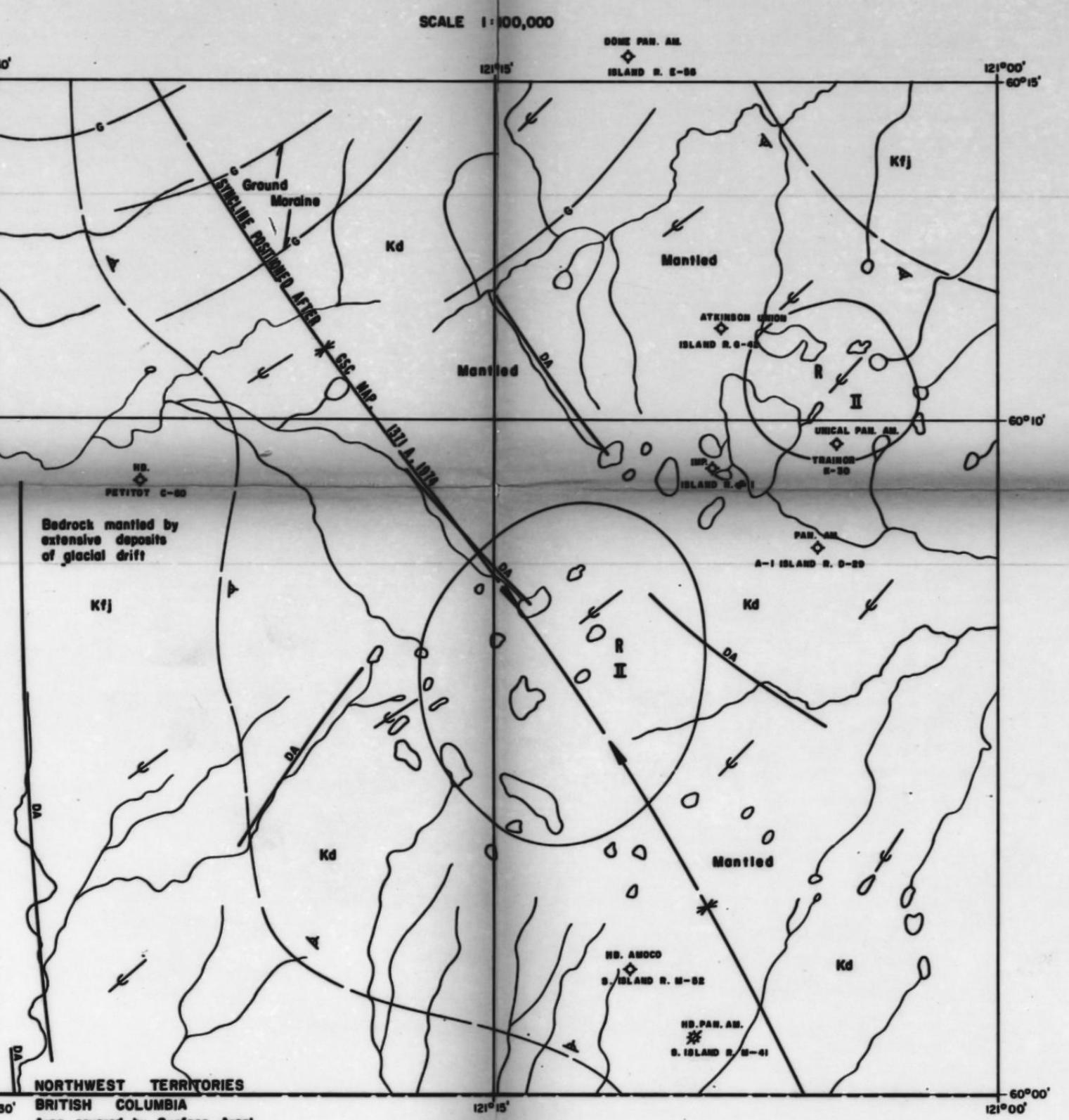
DISCOVERY DATE: 1964

PREPARED BY
VEEZY GEO DATA (1977) LIMITED PARTNERSHIP
CALGARY, ALBERTA
1982

REGIONAL LOCATION MAP



1982 MACKENZIE BASIN CANADA LANDS EXPLORATION PROGRAM

SURFACE AREAL GEOLOGY AND STRUCTURAL INTERPRETATION MAP
OF THE
HB PAN AM ISLAND RIVER M-41 GAS DISCOVERY
IN THE
GREAT SLAVE PLAIN

LEGEND

SYMBOL PERIOD

UPPER CRETACEOUS Kd Duregan Fm, Sh. sh.

LOWER CRETACEOUS Kt Fort St. John Gr. Sh.

GEOLOGIC SYMBOLS

Faults, fold axes and contours are depicted where their position is indefinite, questionable where inferred, and dotted where concealed by post-organic breccia

Bedding appears horizontal on air photographs

Trace of bedding in stream cut appears horizontal

Recognized dip 1° or less

Dip group 1, 1° to 10°

Dip group 2, 10° to 25°

Dip group 3, 25° to 45°

Dip group 4, 45° to nearly vertical

Bedding appears nearly vertical on air photographs

Overturned

General dip of beds having subhorizontal folds

Dip and strike, amount of dip cannot be determined from air photographs

Dip component

Strike and dip interpreted from geomorphic evidence

Possible dip slope

Dip slope, cross-cutting dips, bedding

Field observed information

Field observed published or open file information

Dip measured photogrammetrically

Dip component

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