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NEB / ONE

GEOPHYSICAL OPERATION AUTHORIZATION

Applicant: Explor Data Ltd.

Operating Licence No.: 1108 Land Use Permit / Water Licence No.: S05B-011

Geographical Area: Central Mackenzie Valley - Deline District

Grids or NTS Map Sheets: 96B, C, F, G, J & K

Interests Identifier: Select

Description of Operation: SAHTU 2006 - 2D SEISMIC PROGRAM - DELINE DISTRICT

SPECIFICS OF OPERATION

Exclusive ☒ For (if different from applicant): _____ Non-Exclusive ☐ Participation ☐ Purchase / Reprocessing ☐

Proposed Commencement Date: 15/01/2006 Proposed Completion Date: 31/03/2006

No. of Personnel: 2 No. of Crews: 1

Data Acquisition Equipment: Gravimeter Estimated Kilometres: 614.00km

Vessel / Aircraft Names / Registration Numbers: _____

Energy Source: Other

Depth: 0.00m Charge Size: 0.00kg

Source Parameters: n/a Detector Parameters: Variable - normally 200 metre interval

OPERATIONAL CONTACT

Name: Allan Chatenay

Address: 1900, 639-5th Avenue Sw Calgary, Alberta T2P-0M9

Telephone: (403)263-5950 Facsimile: (403)269-5252

ESTIMATED EXPENDITURES

	On-Interest	Off-Interest
Field Work:	\$ _____	\$150000.00
Data Processing:	\$ _____	\$20000.00
Interpretation / Laboratory:	\$ _____	\$ _____

CONTRACTORS

Data Acquisition: Excel Geophysical

Data Processing: Excel Geophysical

Data Interpretation / Laboratory Studies: 9-January-2006

"I certify that I have complied with the notification, permitting and / or licencing requirements of all federal / territorial legislation that are applicable to this operation"

Signed: [Signature] Date: 10 Jan 2006

Responsible Officer

Name: Allan Chatenay Operator: Explor Data Ltd.

Title: Vice President Operations Telephone: (403)263-5950

NEB USE ONLY

This operation is authorized under Section 5.(1)(b) of the *Canada Oil and Gas Operations Act* (O-7) and is subject to the terms and conditions attached to this authorization.

Signed: _____ Date: _____

Chief Conservation Officer

Operation Identifier: - - Number of Attachments: _____