



GEOPHYSICAL OPERATION AUTHORIZATION

Applicant: Explor Data Ltd.
Operating Licence No.: 1108 Land Use Permit / Water Licence No.: APPLIED FOR - 2005
Geographical Area: mackenzie valley-deline district
Grids or NTS Map Sheets: 96B, C, F, G, J & K
Interests Identifier: _____
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: 15/12/2005 Proposed Completion Date: 31/03/2006
No. of Personnel: 79 No. of Crews: 2
Data Acquisition Equipment: SERCEL 408 Estimated Kilometres: 614.00km
Vessel / Aircraft Names / Registration Numbers: _____
Energy Source: Vibroseis
Depth: 0.00m Charge Size: 0.00kg
Source Parameters: 20M Detector Parameters: 20M

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:	\$ _____	\$24560000.00
Data Processing:	\$ _____	\$614000.00
Interpretation / Laboratory:	\$ _____	\$ _____

CONTRACTORS

Data Acquisition: Yamoria Geophysical Ltd.
Data Processing: Veritas Geoservices Ltd
Data Interpretation / Laboratory Studies: N/a

"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: December 5, 2005
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: [Signature] Date: 22 DEC 05
Chief Conservation Officer
Operation Identifier: 9229-E034-013E Number of Attachments: _____