ENVIRONMENTAL INTRODUCTION
(Preliminary)

AND

POSSIBLE PROJECT PROGRESSION

NORCEN ENERGY RESOURCES LIMITED

BLIZZARD URANIUM PROSPECT

(near Beaverdell, B.C.)

May 23, 1978

Norcen Energy Resources Limited, as Manager/Operator of a joint venture consisting of E & B Explorations, Campbell Chibougamau Mines, Ontario Hydro and Norcen, optioned the Blizzard uranium prospect from Lacana Mining Corporation in 1976. The project area is located 80 kilometres southeast of Kelowna, B.C. and 18 kilometres northeast of Beaverdell, B.C.. Current exploration is in the preliminary drilling stage.

Notwithstanding the very early stage of exploration Norcen recognizes a good understanding of "in-place" environmental conditions prevailing prior to any substantial exploration activity is of paramount importance. To this end Norcen has retained Envirocon Ltd. to investigate and record existing environmental baseline conditions. The early gathering of these data will, in the event continuing exploration appraisal is warranted, enable future activity to proceed with least disturbance to the 'as-found' environment. Possible project progression is illustrated by flow diagram, Figure 1, and shows sequential main stages in property evaluation. First phase exploration appraisal is expected to carry through to the fall of 1978 by which time ultimate potential of the property may be better understood.

A summary presenting an outline of environmental planning during earliest stages of exploration is in progress. A later revised report will be prepared to reflect results from ongoing discussions with the Uranium Mining Steering Committee, for the Province of British Columbia.

Project Evaluation Flow Diagram

Estimated Project Progression

First Stage Exploration
('77 through 3rd Qtr. '78)

- Wide spaced exploration drilling
- Environmental data base investigations

Second Stage Exploration
(4th Qtr. '78; 1st & 2nd Qtr. '79)

- Infill exploration drilling
- Strengthen environmental data base
- Submission of prospectus to government

Engineering Feasibility Studies
(Concept 4th Qtr. '78; Prelim. 1st Qtr. '79)

- Technical and economic feasibility
- Ongoing environmental investigations
- Stage 1. Preliminary assessment submission to government

Commercial Development Decision
(Mid '79 through mid '80)

- Detailed mine planning and final design
- Stage 2. Detailed assessment submission to government
- Construction drawings and long lead-time material investigations
- Stockpiling of ore for mill operations

Commercial Operation Preparation
(Mid '80 through year end '80)

- Stage 3. Operational plans and approval of permit applications
- Mill construction and run-in
- Environmental monitoring continued

First Sales
('81)

- First concentrate deliveries
- Environmental monitoring continued

Figure 1

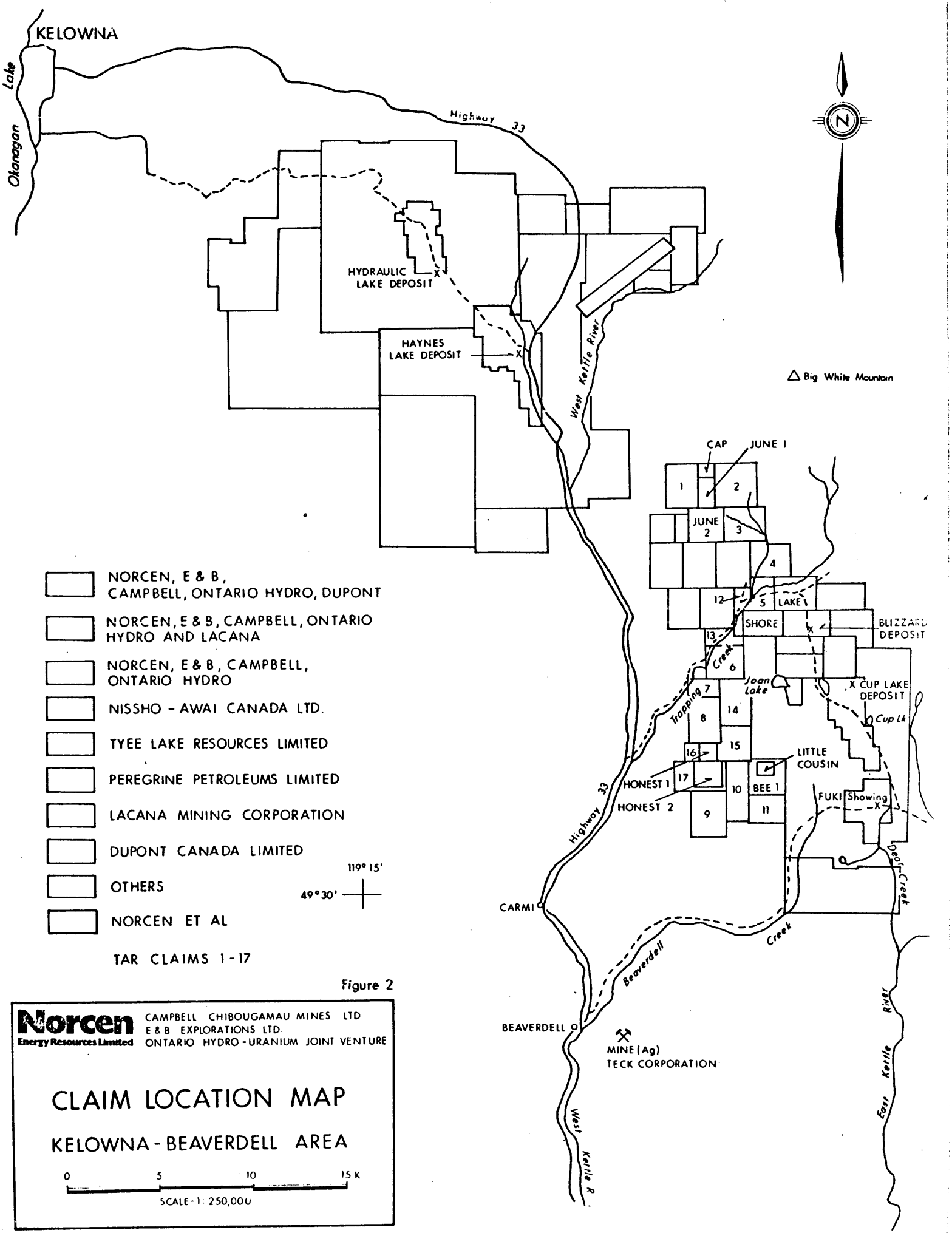

Figure 2

Norcen Energy Resources Limited

CAMPBELL CHIBOUGAMAU MINES LTD
E & B EXPLORATIONS LTD.
ONTARIO HYDRO - URANIUM JOINT VENTURE

CLAIM LOCATION MAP

KELOWNA - BEAVERDELL AREA

0 5 10 15 K

SCALE - 1: 250,000

Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

Parliament Buildings
Victoria
British Columbia
V8V 1X4

525 Superior St.
Victoria, B.C.
V8V 1T7

October 9, 1979

Mr. T.J. Neville
Norcen Energy Resources Ltd.
715 - 5th Avenue S.W.
Calgary, Alberta,
T2P 2X7

Dear Mr. Neville:

Re: Norcen Energy Resources Ltd.
Blizzard Uranium Project
Engineering Feasibility Report
Dated August, 1979 - Kilborn Engineering

This will acknowledge with thanks copies of the above mentioned report. It is my understanding copies of this report will be filed with the Royal Commission on Uranium Mining during the technical sessions.

Copies of the report have been distributed as follows:

Copy No. 27 - J.D. McDonald
28 - J.T. Fyles & E.R. Macgregor
29 - W.C. Robinson & A.J. Richardson
30 - Ministry Library

Yours very truly,

J.D. McDonald, P.Eng.
Senior Reclamation Inspector

JDM:lp

cc: J.T.F.
E.R.M.
W.C.R.
A.J.R.
Library

Province of British Columbia
Ministry of Mines and Petroleum Resources

MEMORANDUM

To: See List

Date: February 22, 1979

M

file

Re: Meeting - Norcen Energy Resources Ltd.

There will be an informal meeting with Norcen Energy Resources Ltd. and their consultants, to update the progress of the design and environmental studies on the Blizzard Property.

This will confirm my contact by telephone that the meeting will be held on Tuesday, February 27, 1979 at 9:30 A.M. in Room 120 of the Douglas Building (main floor, south entrance).

Karen Wong

per J. D. McDonald, P.Eng.,
Senior Reclamation Inspector

JDM:kw

c.c. J. T. Fyles
E. R. Macgregor
W. C. Robinson
V. E. Dawson
A. J. Richardson
A. Sutherland Brown
D. Smith
W. Johnston
W. Green
J. Poyen
J. Brodie
A. Lynch
J. Neville (Norcen)

2203

Norcen
Energy Resources Limited

NORCEN TOWER,
715 - 5th Avenue S.W.
CALGARY, ALBERTA T2P 2X7
Phone (403) 231-0111

1980 May 06

Dr. J. Fyles
Senior Assistant Deputy Minister
Ministry of Mines and Petroleum Resources
Parliament Building
Victoria, British Columbia
V8V 1X4

Dear Dr. Fyles:

Re: Blizzard Project - Rock materials stored at Lassie Lake camp, British Columbia

Attached please find a copy of "Rock materials stored at Lassie Lake" by D. A. Sawyer dated 1980 May 06 and a copy of specifications for the existing core building located at Lassie Lake which contains these rock materials.

Yours sincerely,

NORCEN ENERGY RESOURCES LIMITED

D. A. Sawyer, P. Geol.
Manager, Minerals

DAS:lt

Attachments

NORCEN ENERGY RESOURCES LIMITED

Rock Materials Stored
Lassie Lake, B.C.

	Number	Length (m)	Weight (kg)	Volume (m3)
A. Uraniferous				
Blizzard Deposit				
Core-Trays	2 348	10 737	58 700	78
Pulps, rejects				
- Boxes	316		7 710	9.3
- Pails	20		681	0.5
B. Non Uraniferous				
Norcen				
-percussion chips boxes	5		181	0.15
-surficial geol. boxes	6		872	0.17
-hydrology core trays	100	457	1 818	1.32
Du Pont				
-core trays	80	365	3 272	2.4
-percussion chips boxes	13		413	0.4
			66 707	92.24

The total uraniferous drill core using an assay of 0.025% U_3O_8 over one metre is 1 354 metres containing 0.21% U_3O_8 and containing 16.3 kg of U.

DYNAMIC
BUILDING SYSTEMS (1978) LTD.

ENGINEERED CONSTRUCTION

KIRSCHNER ROAD, KELOWNA, B.C.
TELEPHONE (area code 604) 860-7373
TLX 048-5267

Chris lf - 768 - 4640
Joe 365 - 3113

BUILDINGS BY BUTLER DESIGN BUILDER

78.09.14

THIS IS THE PROPOSAL REFERRED TO IN CLAUSE (a), ARTICLE 5 OF THE CONSTRUCTION CONTRACT DATED OCTOBER 18, 1978 BETWEEN NORCEN ENERGY RESOURCES LIMITED AND DYNAMIC BUILDING SYSTEMS (1978) LTD.

Norcen Energy Resources Ltd.,
715-5th Ave. S.W.,
Calgary, Alta.

Attention: Mr. Terry Turner

Dear Sirs:

Re: Storage Building

We propose to supply and erect a LRF Butler building, dimensions 50' (15.24m) width, 60' (18.29m) length, 12' (3.66m) eave height for the above project as per our attached specifications dated 78.09.14 in the amount of Twenty Eight Thousand Three Hundred and Sixty One Dollars ($28,361.00). This price is firm for 30 days, all taxes included, FOB Beaverdell, B.C.

If during or after preparation of detailed working drawings, you need to make changes to our written specifications, we will be pleased to work with you to identify and calculate any price adjustments necessary to accomodate your revised requirements.

Your acceptance of this proposal in the space indicated below will enable us to start the order procedure immediately subject to satisfactory payment arrangements. If accepted, please send one signed copy back to writer. Thank you.

Yours very truly,

DYNAMIC BUILDING SYSTEMS (1978) LTD.

C. Hultén

Christer Hultén

CH/lf
Encl.

ACCEPTED

By_____

Title_____

Date_____

DYNAMIC BUILDING SYSTEMS (1978) LTD.

Kelowna, B.C.

BUILDING SPECIFICATIONS

BUTLER BUILDING -- WIDESPAN

The specifications that follow detail the size and quality of construction material for a standard building provided by Butler Manufacturing Company of Canada Ltd. Optional details are included only when specifically mentioned. The Butler building conforms to the National Building Code of Canada and C S A standard.

STRUCTURAL SYSTEM

The frames shall consist of welded up plate section columns and roof beams complete with necessary splice members and plates for bolted field assembly.

Purlins and girts shall be "Z" shaped, precision-roll formed.

Outer flange of all girts and purlins shall contain factory punched holes for wall and roof panel connections respectively.

Bracing shall be installed according to the Butler Erection Manual.

All structural steel components shall be given one baked coat of zinc chromate red oxide alkyd (by the flow-coating method).

ROOF SYSTEM

The roof shall be covered with precision-roll-formed, 26 - guage galvanized standard "BUTLERIB" panels as supplied by Butler Manufacturing Company of Canada Ltd.

WALL SYSTEM

The walls shall be covered with precision-roll-formed, 26 - guage galvanized standard "BUTLERIB" panels as supplied by Butler Manufacturing Company of Canada Ltd.

FOUNDATION

When included in quote foundation is based on our standard footings and 3,000 P.S.F. soil bearing pressure. "STANDARD FOOTINGS" does not include modification due to unexpected soils condition and/or underground services.

VENTS

During 1979, Norcen added eight side vents to the building. Each vent is one metre above the ground and 30 cm x 45 cm, located as to three on each side, one on back and one on front of building.