



AERODAT LIMITED

420-890 W. PENDER ST., VANCOUVER, B.C. V6C 1J9

31 Aug/78
Original mailed
to D.A. Louie, Toronto

006077

TELEPHONE:
(604) 683-2616

Kerr Addison Mines Ltd.
1112 West Pender Street,
VANCOUVER, B.C.
V6E 2S1

August 28th, 1978

Gentlemen:

In answer to your request to conduct an airborne electro-magnetic and magnetic survey on some test lines in the Ross River Area, Yukon Territories, we are pleased to submit our proposal for your consideration.

1. Aerodat Limited, hereafter called Aerodat, agrees to undertake for Kerr Addison Mines Ltd. hereafter called Kerr Addison, a helicopter electromagnetic and magnetic survey in accordance with the following terms and conditions.

2. AREA

The survey will comprise of approximately 90 linear miles in the Ross River Area, Yukon Territories as specified on maps submitted by Kerr Addison.

3. SURVEY SPECIFICATIONS

- a) Flight line location and orientation will be as specified by Kerr Addison.
- b) Lowest possible bird height will be maintained consistent with safety of aircraft and crew.
- c) Height recordings will be made by a Hoffman altimeter.
- d) Navigation and flight position recovery will be on topographic maps at a scale of 1:50,000.
- e) Aerodat will have a senior geophysicist on site for the duration of the project.

/continued

4. DATA PRESENTATION

Profiles will be presented to Kerr Addison's representative either in the field or in Vancouver.

5. GENERAL PROVISIONS

- a) Aerodat Limited will perform and execute all work and services required pursuant to this survey in a proper, careful and workmanlike manner.
- b) Notwithstanding anything to the contrary herein expressly contained or implied, Aerodat shall not be under any liability to Kerr Addison for any damages suffered by Kerr Addison or its assigns of any information or opinions furnished to Kerr Addison hereunder.
- c) It is hereby accepted by Kerr Addison that Aerodat will not be responsible for delays or non-performance in the execution of the survey and the delivery of the results thereof which are occasioned in whole or in part by force majeure including without limitation labour and civil disturbances, acts of God, aircraft or geophysical instrument failure, or any other causes which is beyond Aerodat's reasonable control.
- d) Notwithstanding anything to the contrary herein expressly contained or implied, Aerodat shall indemnify and save harmless Kerr Addison from and against all losses, costs, damages and demands of any nature whatsoever which may be suffered by or brought against Kerr Addison arising out of and attributable in any manner to any or all operations conducted by Aerodat pursuant to this Agreement.
- e) It is agreed and understood that Aerodat is, while acting under this Agreement, an independent contractor, and not acting as an agent or servant of Kerr Addison and any persons engaged by Aerodat to conduct operations pursuant to the Agreement shall be the employees of Aerodat and not of Kerr Addison.
- f) Aerodat carries comprehensive general liability insurance including non-owned automobile liability insurance of \$1,000,000 for bodily injury and property damage, and non-owned aircraft liability insurance with combined limit of liability of \$2,000,000 bodily injury and property damage, any one occurrence.

/continued

7. CHARGES

Aerodat charges for carrying out this survey will be as follows:

- a) Aerodat mobilization and demobilization at a fixed sum of NIL;
- b) Approximately 90 linear miles will be flown at the rate of \$60.00 for a total of approximately \$5,400.00.
- c) Helicopter charges while on survey traverses, NIL
- d) Helicopter ferry charges to survey lines from and to Ross River at cost.

8. PAYMENT

Kerr Addison agrees to pay Aerodat as follows:

- a) on signing of this agreement - \$2,000
- b) on completion of survey - balance

After the initial payment, accounts are due on receipt of the contractors invoice, and linear measurements will be made from the final maps.

Dated this 28th day of August 1978.

AERODAT LIMITED

By: Ronald F. Sheldrake

KERR ADDISON MINES LTD.

for: Wm. L. L. L.

AERODAT LIMITED

Vancouver, B.C.

SYSTEM DESCRIPTION

Electromagnetometer:

Geonics E.M. - 33, Coaxial coils
736 or 3700 hz.
6 meter sensor
Spherics monitor
Sensitivity: 1/3 ppm
Penetration: 100 meters subsurface
Totem 1-A VLF
total field and quadrature VLF

Magnetometer:

Barringer AM-104
Nuclear precession magnetometer
1 gamma sensitivity

Ancillary Equipment:

Geocam 35 mm tracking camera
radar altimeter (Hoffman)
Geometrics base station magnetometer
MFE 8 channel recorder
Barringer analogue/Aerodat - Perle
digital recorder

Helicopter:

Llama or Allouette III preferred but
Jet Ranger or Hughes 500D if the
terrain is reasonable flat.

Navigation System:

Mosiac/map control or Motorola
navigation system, 3 meter accuracy

Terrain Clearance:

65 meters