

ARCHER, CATHRO

AND ASSOCIATES LTD.

CONSULTING GEOLOGICAL ENGINEERS

004672

BOX 4127, WHITEHORSE, Y.T. Y1A 3S9 667-4415

STANDARD BUILDING, VANCOUVER, B.C. 688-2568

1016 STANDARD BUILDING
510 WEST HASTINGS STREET
VANCOUVER, B.C.
V6B 1L8

May 12, 1980

Mr. W.M. Sirola,
Kerr Addison Mines Ltd.,
703 - 1112 West Pender Street,
Vancouver, B.C.
V6E 2S1

RECEIVED

MAY 13 1980

KERR ADDISON MINES LTD.

Dear Bill:

PER

Re: Reanalysis of samples from the Ukon Joint
Venture Nebulous Property

During the 1978 and 1979 field seasons, Mattagami Lake Mines Ltd. staked the Marn 1-62 claims along the western margin of the Cloudy stock and in August, 1979 expressed interest in optioning the adjoining UJV Nebulous property. Yukon Mineral Exploration - 1979 prepared by the Department of Indian and Northern Affairs mentions a Cu-W skarn on the Marn claims. In response to this activity, all samples collected from the Nebulous property have been reanalyzed for Cu, W, Sn, Au and Ag. Figure U-NE-4 enclosed illustrates the geochemical results. The anomalies are as follows:

- (1) A string of weak to moderately anomalous Cu values occurs in the northern portion of the property along the contact between the stock and Jurassic slates. UJV 1976 regional mapping described a 100 m wide zone of strongly gossanous, pyritic hornfels containing minor arsenopyrite, chalcopyrite and molybdenite in the meta-sediments and spotty radioactivity in the intrusion near the contact. A sample of the gossanous hornfels ran 2050 ppm Cu and 1.2 ppm Ag while a stream sediment sample taken below the gossan ran 116 ppm Cu and 0.6 ppm Ag. Surprisingly, a grab sample of weakly radioactive quartz monzonite containing

71 ppm U returned 2.2 Ag but only 350 ppm Cu. In addition to Cu and Ag, some of the samples were also weakly anomalous for W (up to 25 ppm) and Au (up to 160 ppb).

- (2) A grab sample from a 5 m wide shear zone exhibiting pervasive argillic alteration and traces of malachite returned 935 ppm Cu and 35 ppm W. The zone is located in the intrusion near the southwestern edge of the property. It strikes 135° and can be traced for approximately 250 m.
- (3) The Cloudly stock has a generally high W background however none of the samples analyzed approach economic concentrations. The tungsten anomalies are spotty but weakly correlate to Cu and U mineralization. The best results, up to 55 ppm W, were obtained from the strongly radioactive Nebulous Main zone north of Mt. Brenner.

None of the anomalies are interesting enough to require immediate attention. I will visit the property briefly in early July and will collect additional samples from the gossanous hornfels. If the results are encouraging, a small program of hand trenching may be warranted later in the summer for assessment purposes.

Yours truly,

ARCHER, CATHRO & ASSOCIATES LIMITED



W.D. Eaton.

/mc