

REPORT

825154

ON

DUC 1-24, 27-86, 99-100 MINING CLAIMS

DUCKLING CREEK AREA

OMINECA MINING DIVISION, B. C.

prepared for

DUSTY MAC MINES LTD. (N.P.L.)
1710-1177 W. Hastings St.
Vancouver 1, B.C.

by

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ANDREW E. NEVIN CONSULTANTS LTD.
426 - 470 Granville St.
Vancouver 2, B. C.

February 28, 1972

PART A

SUMMARY AND RECOMMENDATION

The Duckling Creek district is currently the site of exploration efforts by several major and minor mining companies. One of the main target areas is located on a salient of complex syenite, monzonite and diorite intrusives in Takla volcanics.

The 86 DUC claims are centred on what may or may not be a similar intrusive salient five miles south of the Cominco-Marubeni-Iida-Tyee Lake and Granby-Kennco claims.

The DUC claims comprise a raw prospect with about 5% outcrop area of andesite and quartz diorite. In one small outcrop about 1% disseminated pyrite is present.

A reconnaissance geochemical survey, prospecting and mapping are warranted.

ESTIMATED COSTS

Wages, 2 men, 6 weeks	\$ 3,000	
Vehicle cost	1,000	
Camp costs	1,200	
Geochemical analyses	1,800	
Supervision, engineering, administration	2,000	
Contingencies	<u>1,000</u>	
		<u>\$10,000</u>

PART B

CLAIMS

The 86 DUC claims were staked August 20-21, 1971, by M. Martin, E. Buck and myself. They were recorded in Vancouver on September 2, 1971, and have Record Nos. 102882M - 102967M. They are held by Dusty Mac Mines Ltd. (N.P.L.) under Bills of Sale. The names and relative positions of the claims are shown in Drawing 2.

LOCATION

The Duckling Creek area is located about 30 miles northwest of Germansen Landing, on the Omineca River, or about 125 airline miles northwest of Fort St. James, B. C. (Drawing 1).

The DUC claims are accessible by road and foot trail from Germansen Landing. They are at about 3,000 feet elevation and Lat. 55°48' N, Long. 125°12' W.

TERMS OF REFERENCE; SCOPE

In August, 1971, Dusty Mac instructed me to reconnoiter and re-view the Duckling Creek region and, if warranted, stake a block of ground on their behalf.

Following this reconnaissance, the DUC claims were staked by me and my colleagues, in compliance with the Mineral Act.

This report recommends a geochemical survey and geological map of the DUC ground.

CURRENT EXPLORATORY ACTIVITY

According to the Mining Recorders' records in Vancouver and Smithers, and to various interested parties in the area, the following companies are active in the Duckling Creek area: Cominco and Marubeni-Iida (Canada) Ltd., with an option on Tye Lake ground; Granby, with their own claims and an option on some owned by Kennco; Donna Mines; Noranda; Newco; El Paso; Union Miniere, and Tupco Mines Ltd.


REGIONAL GEOLOGY AND MINERALIZATION

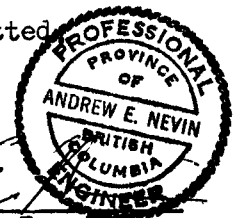
The principal centre of interest in the district is a salient in the eastern contact of a large quartz diorite batholith of the Omineca intrusives of Jura-Cretaceous age, where it intrudes Triassic Takla volcanics (not shown on maps). The known mineralization is disseminated chalcopyrite and pyrite associated with complex syenitic and monzonitic phases of the intrusives and is at least in part fracture-controlled.

The district is in the earliest stages of detailed exploration, and little exact information is publicly available as of yet.

The DUC claims are located on a salient of the intrusive which is a likeness of that to the north. The ground is about 95 percent covered by a thin veneer of glacial gravel and soil. Scattered outcrops are of andesites, some of which are weakly altered by networks of quartz and calcite veins or by disseminated epidote. One exposure on the DUC 13/100 boundary contains about 1% finely disseminated pyrite. There are some outcrops of quartz diorite, granodiorite, and quartz diorite porphyry.

Respectfully submitted


Andrew E. Nevin, Ph.D., P.Eng.



Maps: Drawing 1 - Location of DUC claims
Drawing 2 - DUC Claims

PART C: CERTIFICATE

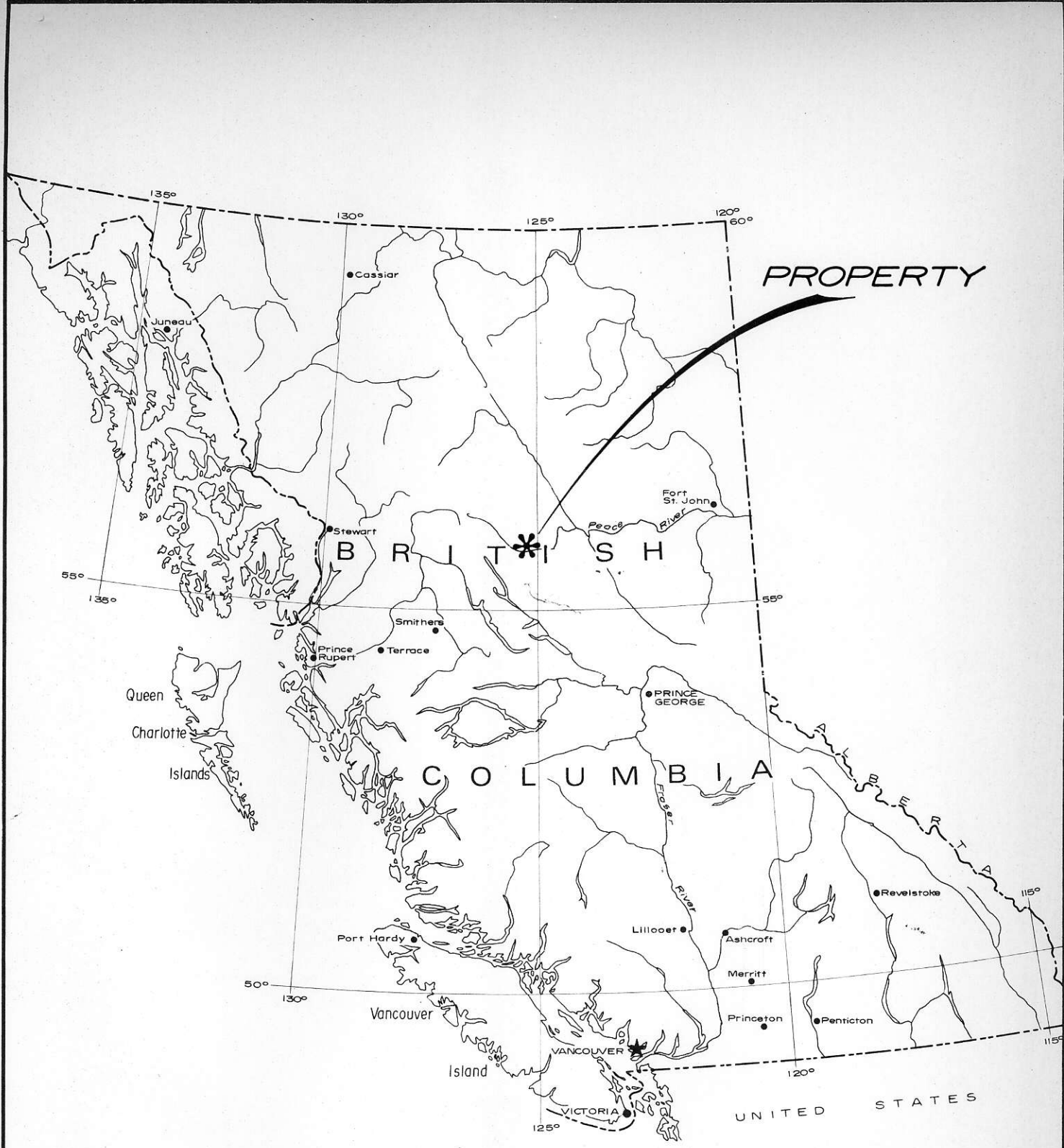
I, Andrew E. Nevin, hereby certify that:

1. My residence address is 4352 Arundel Road, North Vancouver, B. C., my office address is 426 - 470 Granville Street, Vancouver 2, B. C., and that I am a Geologist by occupation.
2. I hold a B. Sc. in Geophysics from St. Lawrence University, a M. A. in Geology from University of California, Berkeley, and a Ph. D. in Geology from University of Idaho. I have been practicing my profession since 1961, and I am a member of the Association of Professional Engineers (Geological) of the Province of British Columbia.
3. This report is based on a personal examination of the DUC claims conducted concurrent with staking on August 19 - 22, 1971.
4. The DUC claims have been assigned to Dusty Mac Mines Ltd. (N.P.L.) by Bills of Sale and I hold no further interest, direct or indirect, in the DUC claims, nor do I have any interest in the securities of Dusty Mac Mines Ltd. (N.P.L.), nor do I expect to receive any.



Andrew E. Nevin
Andrew E. Nevin, Ph.D., P.Eng.

February 28, 1971



DWG. 1.

DUSTY MAC MINES LTD. (N.P.L.)

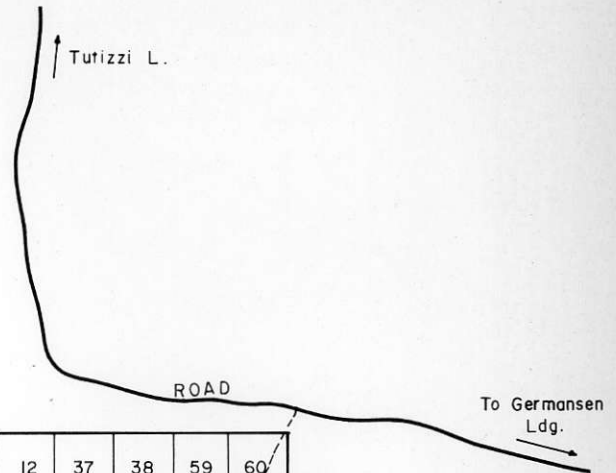
DUC CLAIMS

LOCATION MAP

DUCKLING CREEK AREA, B.C.

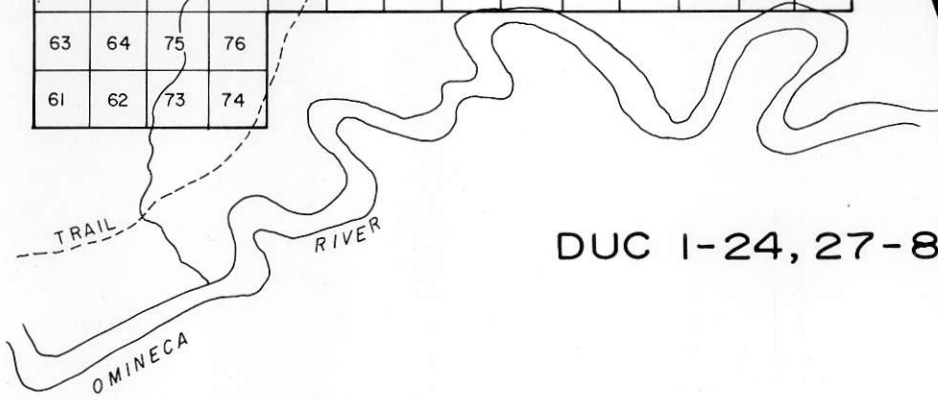
SCALE 1" = 136 MILES

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				47	48	23	24	11	12	37	38	59	60
		85	86	45	46	21	22	9	10	35	36	57	58
71	72	83	84	43	44	19	20	7	8	33	34	55	56
69	70	81	82	41	42	17	18	5	6	31	32	53	54
67	68	79	80	39	40	15	16	3	4	29	30	51	52
65	66	77	78	99	100	13	14	1	2	27	28	49	50
63	64	75	76										
61	62	73	74										

DUCKLING C.R.



DUC 1-24, 27-86, 99-100.

DWG. 2

DUSTY MAC MINES LTD. (N.P.L.)

DUC CLAIMS

CLAIM MAP

DUCKLING CREEK AREA, B.C.

SCALE 1" = 5000 FEET

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