

82M 147, 149

BEND.

FORM 12

005023

Effective date: April 21, 1976



SECURITIES ACT, 1967

Neither the British Columbia Securities Commission nor the Vancouver Stock Exchange has in any way passed upon the merits of the securities offered hereunder and any representation to the contrary is an offence.

BRITISH COLUMBIA SECURITIES COMMISSION
VANCOUVER STOCK EXCHANGE

SEAFORTH MINES LTD. (N.P.L.)
(Full name of company.)

Head Office: 600-789 West Pender Street, Vancouver, B.C.
Registered Office: 9th Floor, 900 West Hastings Street, Vancouver, B.C.
(Address of head office and registered office of company.)



82M144-05

eston Group
substream
Area

Statement of Material Facts

1. Give details of the circumstances relating to the offering of the securities and any material changes in the affairs of the issuer.	See Item 1 - Attached Schedule
2. Set out the description, designation, and number of shares being offered by the issuer or selling shareholder. If any of the shares being offered are to be offered for the account of a selling shareholder, name such shareholder and state the number of shares owned by him, the number to be offered for his account, and the number to be owned by him after the offering.	See Item 1 - Attached Schedule
3. Set out the price to the public, underwriting discounts or commissions and the estimated net proceeds to the issuer or selling shareholder, on both a per share and an aggregate basis. If it is not possible to state the price to the public or the underwriting discount or commissions, the method by which they are to be determined shall be explained. Give the range of the market price during the previous 90 days.	See Item 1 - Attached Schedule
4. State the principal purposes for which the estimated net proceeds to be derived by the issuer from the sale of the shares to be offered are intended to be used and the approximate amount intended to be used for each such purpose.	See Item 4 Attached Schedule
5. State the laws under which the issuer was incorporated and whether incorporated by memorandum of association, Letters Patent, or otherwise or under a particular part of an incorporating Statute dealing with mining companies and the date thereof.	Incorporated under the laws of the Province of British Columbia on May 29th, 1972.
6. Give names, addresses, and chief occupations for the past five years of the officers and directors of the issuer.	See Item 6 - Attached Schedule
7. State the share capitalization of the issuer showing authorized and issued capital.	Authorized capital consists of 5,000,000 shares with a par value of \$0.50 each, of which 1,750,000 are issued.
8. Give particulars of any bonds, debentures, notes, mortgages, charges, liens, or hypothecations of the issuer.	Nil
9. Outline briefly the manner in which the shares being offered are to be distributed, giving particulars of any outstanding or proposed underwriting, sale, or option agreement, including the name and address of each underwriter, purchaser, or optionee. Give similar particulars of sub-underwriting or sub-option agreements outstanding or proposed to be given and particulars of any assignments or proposed assignments of any such agreements. Give names and addresses of persons having any interest, direct or indirect, in underwritten or optioned shares.	See Item 1 - Attached Schedule

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PROPERTY FILE

<p>10. Give name and address of any person or company who beneficially owns, directly or indirectly, in excess of 5 per cent of each class of shares of any company named in answer to item 9 hereof and the number and percentage of each class of shares so owned.</p>	<p>See Item 10 - Attached Schedule</p>
<p>11. Give particulars of any payments in cash or securities of the issuer made or to be made to a promoter or finder in connection with the proposed underwriting.</p>	<p>None</p>
<p>12. Give brief particulars of properties owned, leased, held under option, or operated or presently intended to be owned, leased, held under option, or operated by the issuer.</p>	<p>See Item 12 Attached Schedule</p>
<p>13. State whether any property referred to in item 12 has a known body of commercial ore or reserves of recoverable oil and gas. Give particulars.</p>	<p>To the knowledge of the signatories there is no known body of commercial ore.</p>
<p>14. Give brief particulars of the exploration and development work of the issuer during the past year and the results thereof on (1) its own properties and (2) other properties. State amounts spent on each.</p>	<p>See Item 12 - Attached Schedule</p>
<p>15. Give brief particulars of property proposed to be acquired by the issuer or any affiliate or acquired by the issuer or any affiliate within the previous three years, including the name and address of the vendor and the cost or proposed cost thereof to the issuer or any affiliate, and if any such vendor is or was an insider or promoter of the issuer or an associate or affiliate of any insider or promoter of the issuer, so state and indicate the nature of the relationship.</p>	<p>See Item 12 - Attached Schedule</p>
<p>16. State the name of any person or company who is or has been a promoter of the issuer within the preceding two years and, if not disclosed in item 15, the nature and amount of anything of value (including money, securities, property, contracts, options, or rights of any kind) received or to be received by each promoter.</p>	<p>See Item 16 - Attached Schedule</p>
<p>17. If the property referred to in item 15 was or is to be paid for by the issuance of shares of the issuer or any subsidiary, give (a) the number of shares of the issuer and any subsidiary issued to or to be issued to the vendor after giving effect to such transaction, and (b) the number and, if more than 5 per cent of the shares presently outstanding, the percentage of shares of the issuer and any subsidiary owned or to be owned by the vendor after giving effect to the transaction. If the vendor is a company, give the names and addresses of the insiders of the company.</p>	<p>None</p>
<p>18. Give the number and, if more than 5 per cent, the percentage of the shares of the issuer held in escrow or in pool and a brief statement of the terms of the escrow or pooling agreement. Give the names and addresses of the beneficial owners of such shares.</p>	<p>See Item 18 - Attached Schedule</p>
<p>19. Give the number of shares of the issuer owned of record or beneficially, directly or indirectly, by each person or company who owns of record, or is known either by the issuer or the selling shareholder to own beneficially, directly or indirectly, more than 5 per cent of such shares, in each case within 10 days from the date hereof. Show separately whether the shares are owned both of record and beneficially, of record only or beneficially only, and show the respective amounts in percentages owned in each such manner. Give names and addresses of the owners referred to above.</p>	<p>See Item 19 - Attached Schedule</p>
<p>20. Give a brief statement of any legal proceedings to which the issuer or any of its subsidiaries is a party or of which any of their property is the subject. Make a similar statement as to any such proceedings known to be contemplated.</p>	<p>To the knowledge of the signatories there are no legal proceedings to which the issuer or any of its subsidiaries is a party or to which any of their property is the subject, nor are any known to be contemplated.</p>

PRELIMINARY REPORT

on

THE GEOLOGY & ECONOMIC POTENTIALS

of

THE BEND & MONT CLAIMS
(Seaforth Mines Ltd.)

by

Roger D. Morton, B.Sc., Ph.D., P.Geol.
Consulting Geologist

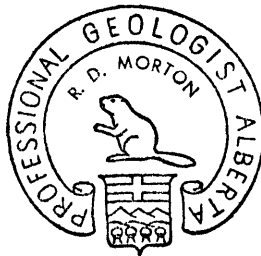


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Fig.1: Geological sketch map and claims location map.

Fig.2: Detailed claim map of BEND claims.

Fig.3: Detailed claim map of MONT claims.

INTRODUCTION:

This preliminary geologic report, prepared at the request of the officers of Seaforth Mines Ltd., concerns published information regarding two claim blocks within the Big Bend district of S.E. British Columbia, some 18-20 miles N.N.W. of Revelstoke. The region was the scene of considerable exploration, staking and drilling activity during 1974 and 1975. Discoveries of sulfide mineralization on the PAT Claims (on the south side of the Goldstream River valley, 44 miles N.N.W. of Revelstoke) by Messrs. Bried and King were drilled in July and August 1974. The initial program revealed massive and disseminated sulfides (pyrrhotite-chalcopyrite) within a sequence of quartzites, impure marbles and mica schists grading from 0.46% to 7.85% Cu over widths of 7 to 22 feet. The PAT property was optioned by Noranda Ltd. in December 1974. Subsequently, drilling by Noranda has revealed a potentially economic Cu-Zn-Ag deposit; (3.175 million tonnes: 4.49% Cu, 3.24% Zn and 0.68 oz Ag/ton). The new discovery, located 1000 feet above the south bank of the Goldstream River, appears to be conformable with the meta-sedimentary host rocks, dipping northward at 30° and having a thickness of 8 to 25 feet and a width of 500 to 800 feet.

INTRODUCTION: (cont'd)

The discovery of what promises to be British Columbia's richest sizeable copper deposit has been the incentive for Seaforth Mines' Ltd. staking of two claim blocks on adjacent and geologically analogous ground to that of Noranda Ltd. The geology and potentials of the two claim blocks are discussed in this report.

LOCATION, ACCESSIBILITY AND PHYSIOGRAPHY:

The northern group of claims, constituting three contiguous claims (BEND #1, 2 and 3) and occupying 55 units, is situated in gently sloping wooded terrain near the confluence of the Goldstream River and the Columbia River within NTS sheet 82M/10E, centred about grid reference 926227.

The southern claims group, comprising 4 contiguous claims (56 units) titled MONT #1, 2, 3 and 4 respectively, are located between Downie Creek and the Goldstream River some 9 miles east of the Columbia River, within NTS sheet 82M/16W, centred upon grid reference 082121. These claims are staked above the treeline in very rugged mountainous terrain.

The northern claims group is easily approached by a dry weather road along the Goldstream River valley, which joins the main Revelstoke-Golden highway only 2 miles west of the claims. Access to the southern claims is best attained at present by helicopter into a small

LOCATION, ACCESSIBILITY AND PHYSIOGRAPHY: (cont'd)

lake (at 6500 feet a.s.l.) which feeds Boulder Creek. The location of all claims is indicated on Fig. 1.

GEOLOGY:

1. The BEND Claims

The BEND claims are contiguous with the claim group of Noranda and only 1-1/2 miles along strike(?) west of the discovery zones of 1974 and 1975. Like the Noranda claims, the BEND claims are underlain by a Precambrian and lower Paleozoic sequence of metamorphic rocks partly overlain by recent alluvium of the Goldstream and Columbia Rivers. The oldest bedrock occurs on the northern part of the claims in the form of the Proterozoic (Upper Precambrian) Horsethief Creek Formation. This is a sequence of strongly folded slates, phyllitic quartzites and quartz sericite schists (i.e. metapelites and rarer metapsammities). These rocks are overlain by (and perhaps partly equivalent) to limestones, dolomites and quartzites of the Lower Cambrian Badshot Formation and by metasediments of the Cambrian(?) Lardeau Group. The latter is a sequence of slates, phyllites, schists, and marbles with intercalations of chlorite schist and basic metavolcanics (greenstones).

GEOLOGY: (cont'd)

2. The MONT Group

The southern claim block, the MONT group, is underlain by marbles, metadolomites, quartzites and and phyllites of the Lower Cambrian Badshot Formation and by schists and gneisses of the Cambrian Lardeau Group. All the metamorphic rocks of this locality are intruded by Mesozoic-Paleozoic(?) biotite hornblende quartz monzonite stocks and dykes.

MINERAL OCCURRENCES:

Occurrences of massive pyrrhotite are known to occur within the metamorphic rocks of the BEND Claims (Mr. J. Greig, personal communication).

Within the MONT claims are the so-called Montgomery Cu sulfide showings. These showings occur on the S.W. ridge of Downie Peak at an elevation of 5200 feet a.s.l. Numerous showings of sulfides were found within what appear to be a contact metamorphic suite associated with the metamorphic aureole of a quartz monzonite intrusion. The country rocks are a sequence of folded mica schists, chlorite schists and andalusite schists with intercalated calc-silicate hornfels and quartzites. Lenticular sulfide bodies are found within

MINERAL OCCURRENCES: (cont'd)

calc-silicate rocks below a sequence of marbles. It is noteworthy that there were no sulfides found in the marbles to date. The sulfide pods are composed of pyrrhotite, pyrite and chalcopyrite (with minor sphalerite) in a gangue of quartz, garnet, epidote and actinolite. Two principal zones were located in the sixties (Wheeler, 1965). One zone strikes over a length of several thousands of feet and mineralization can be seen at intervals over a vertical distance of 1000 feet. A second zone occurs a few hundred feet higher up in the succession.

CONCLUSIONS:

The details of the geology of the Big Bend region are not known and those mineral occurrences studied previously have received only the attention of persons versed in the exploration philosophies of the sixties. Clearly, most of the sulfide showings of the region were thought to be of 'pyrometasomatic' and 'replacement' types derived in part from the contact metamorphism of the Precambrian and Paleozoic rocks by the younger monzonitic intrusive suite. Little attention seems to have been given to the overall stratigraphic controls of sulfide distribution. It is noteworthy that 80% of all previously discovered base metal (Pb,Zn,Cu)

CONCLUSIONS: (cont'd)

occurrences of the district occur in metamorphic rocks of the Lardeau Group or their equivalents in the so-called Shushwap Complex. Also they are often of stratiform configuration, conformable within metasediments containing limestones and/or mafic metavolcanics. Thus the possibility of such sulfide bodies representing metamorphosed and partly mobilized volcanogenic/exhalative members of the pre-metamorphic sedimentary sequence should be considered in planning future exploration and development.

The two claim blocks staked by Seaforth Mines Ltd. clearly have high potentials for the discovery of base metal sulfide deposits analogous to the Noranda deposit south of Goldstream River. In the northern claim block (the BEND group), the claims are on strike with the projection of the district orebody trend of Noranda's find. The validity of this staking strategy is unquestionable and well borne out by the staking rush around them. In fact, at present the BEND claims are completely surrounded by newly staked claims of Noranda. In the case of the southern (MONT) group (also contiguous with newly staked Noranda claims) the presence of extensive sulfide mineralization is clear evidence of high economic potential.

RECOMMENDATIONS:

Immediate exploration of the BEND and MONT claim groups should be initiated with a view to determining their real worth and potentials. The preliminary work on the two blocks will be somewhat different owing to the marked differences in their physiography, climate and vegetation.

The BEND claims should be subjected to a detailed geological survey and ground prospecting program. These programs should at the same time be augmented by a soil, sediment, geochemical survey. In contrast, the mountainous rocky MONT claim block should be the objective of a ground geological-and rock geochemical survey.

To effect a rapid and efficient data collection during 1976, the following Phase I and Phase II exploration budgets are recommended:

PROGRAMS & COST ESTIMATES

Phase I: Initial Reconnaissance

(a)	Geological and geochemical reconnaissance surveys (2 months)	
1	Senior party leader @ \$1200/month	\$ 2,400.00
1	Junior field geologist-geochemist @ \$ 800/month	1,600.00
1	Junior assistant @ \$ 700/month	1,400.00
1	Part-time helper @ \$ 300/month	600.00
(b)	Transport (fixed wing, motor vehicle & helicopters)	\$ 7,000.00
(c)	Equipment and support supplies	\$ 8,000.00

PROGRAMS & COST ESTIMATES (cont'd)

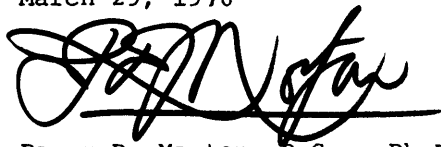
Phase I (cont'd)

(d) Assays	\$ 4,000.00
TOTAL	<u>\$25,000.00</u>

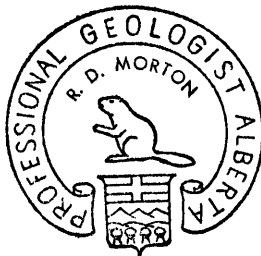
Phase II: Detailed exploration of occurrences via trenching, drilling and bulk sampling. (This phase to be contingent upon significant discoveries being made during Phase I).

(a) Wages and salaries (2 months)	\$ 6,000.00
(b) Transport	2,000.00
(c) Trenching	1,000.00
(d) Drilling (diamond drilling)	10,000.00
(e) Assays	1,000.00
(f) Support and supplies	<u>5,000.00</u>
TOTAL	<u>\$25,000.00</u>

Respectfully submitted,
March 29, 1976



Roger D. Morton, B.Sc., Ph.D.,
P. Geol.
Consulting Geologist



REFERENCES:

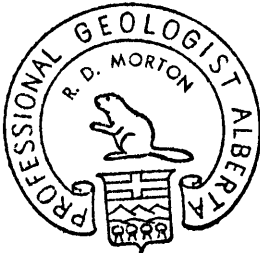
WHEELER, J.O., 1965 Big Bend Map-Area, British Columbia
82M (East half). Geol. Survey of Canada
Paper #64-32.

CERTIFICATE

I, Roger David Morton, of the City of Edmonton, in the Province of Alberta, do hereby declare that:

- (1) I am a registered Professional Geologist in the Province of Alberta.
- (2) I am a practicing Consulting Geologist from my office at 9103-118 Street, Edmonton, Alberta T6G 1T6
- (3) I hold the degrees of B.Sc., (Hons., 1st class) and Ph.D. in geology from the University of Nottingham, England.
- (4) I am the holder of a full tenured professorship in Economic Geology and Mineralogy at the University of Alberta, Edmonton.
- (5) I have served the mining industry as consultant for the past 10 years and have experience in North and Central America, Europe and the Far East.
- (6) I have no shares of Seaforth Mines Ltd. nor any interest in the properties of that Company. Neither do I intend to obtain any interest in the Company in the future.
- (7) This report is a result of a thorough research of all the literature cited herein.

Dated this 29th day of March, 1976



A handwritten signature in black ink, appearing to read "R. D. Morton", written over a horizontal line.

Roger D. Morton, B.Sc., Ph.D., P.Geol.,
F.G.A.C., M.C.I.M.M., M.S.E.G.
Consulting Geologist.

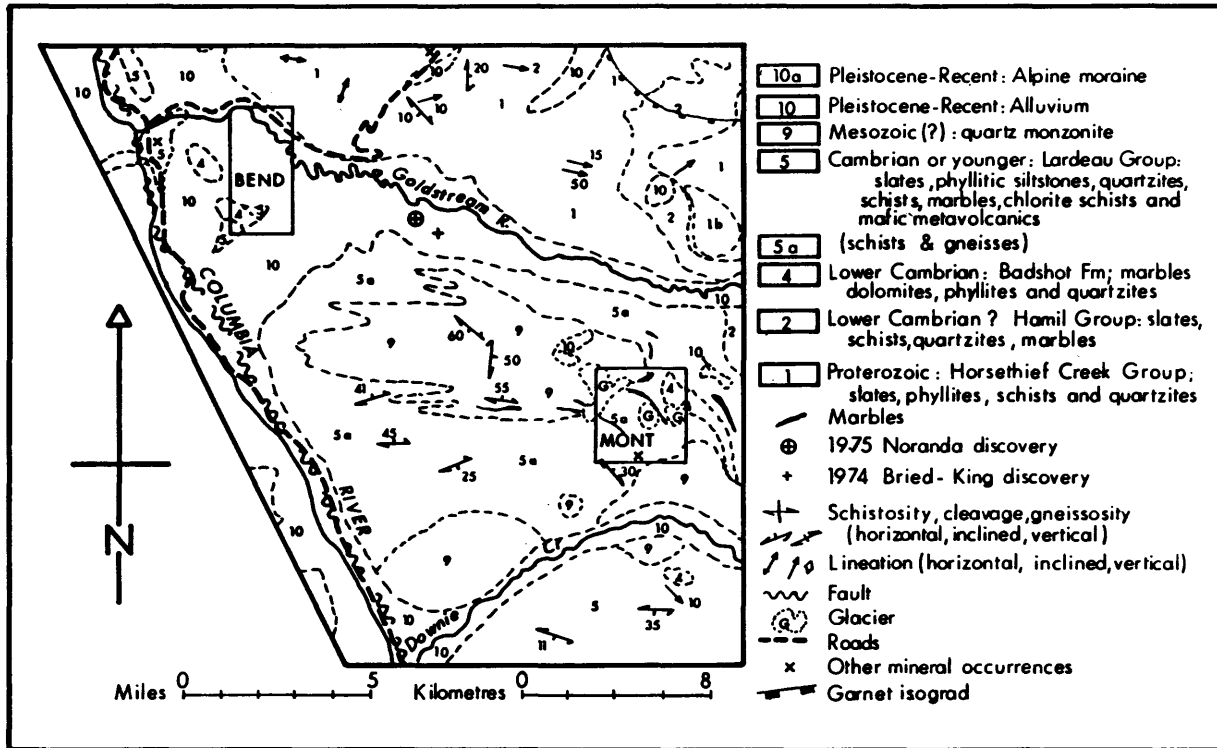
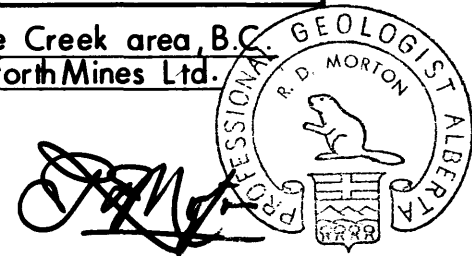
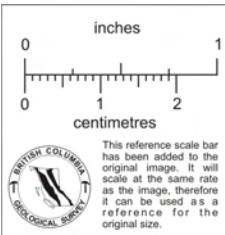


Fig.1. Geological sketch map of the Goldstream River-Downie Creek area, B.C. showing location of BEND and MONT Claims, - Seaforth Mines Ltd.



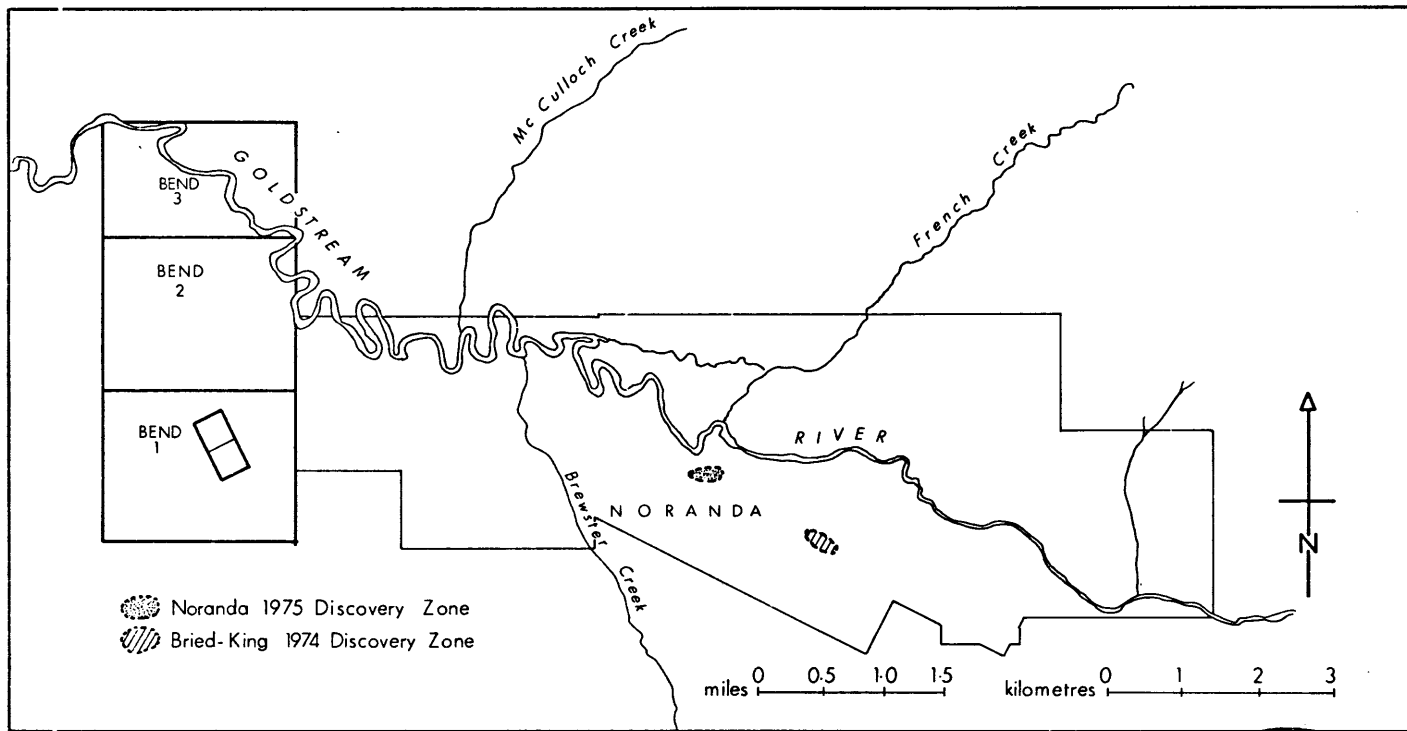
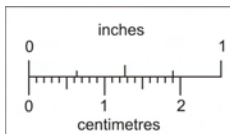
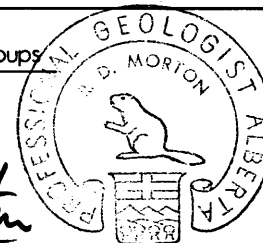


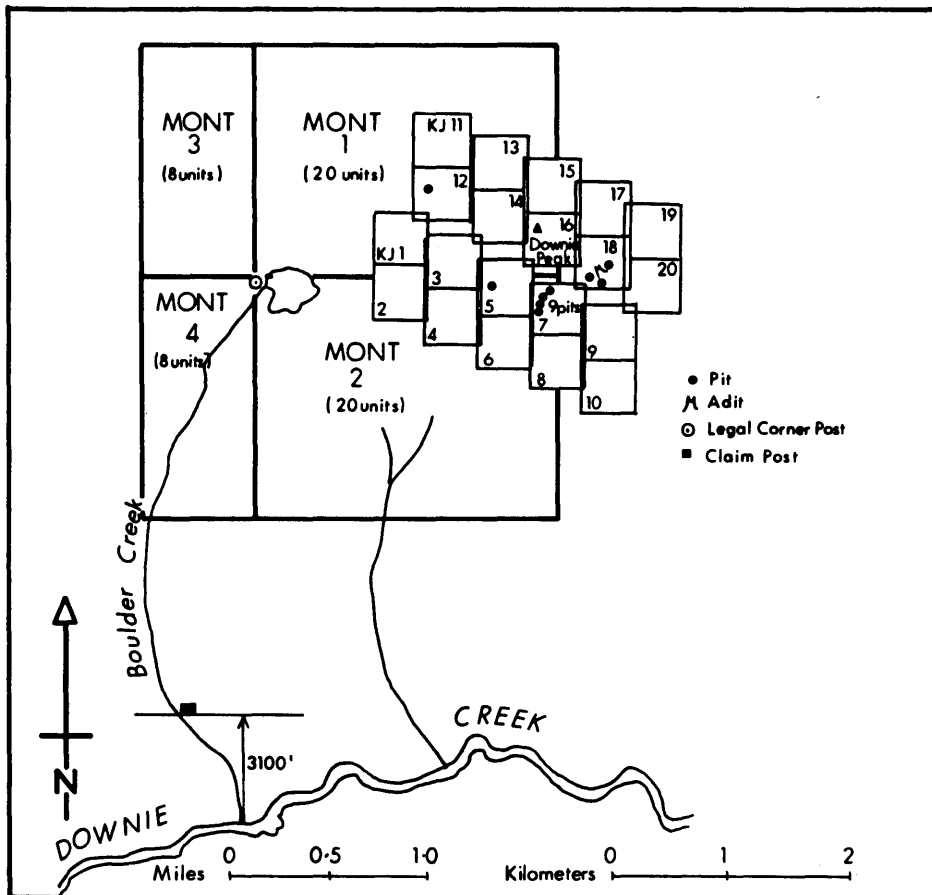
Fig. 2. Claims Map of BEND-Group (Seaforth Mines Ltd.) & contiguous groups



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**Fig. 3. Claims Map of MONT— group
Seaforth Mines Ltd. & contiguous groups**

