Technical Report

Kemano

Penta 565400, Mojo 733583

Skeena Mining Division
Prepared for Gordon Goodbrand

Kemano NTS 93E-12W
Claim Centre 53 deg. 33' 44" N 127 deg. 53' 43" W

Owner: Gordon Goodbrand, FMC 146917

Consultants:

Loring Laboratories LTD., Calgary, AB.
John Kruszewski
Kelly Stooshnoff

Prepared By: John Kruszewski

John Kruszewski

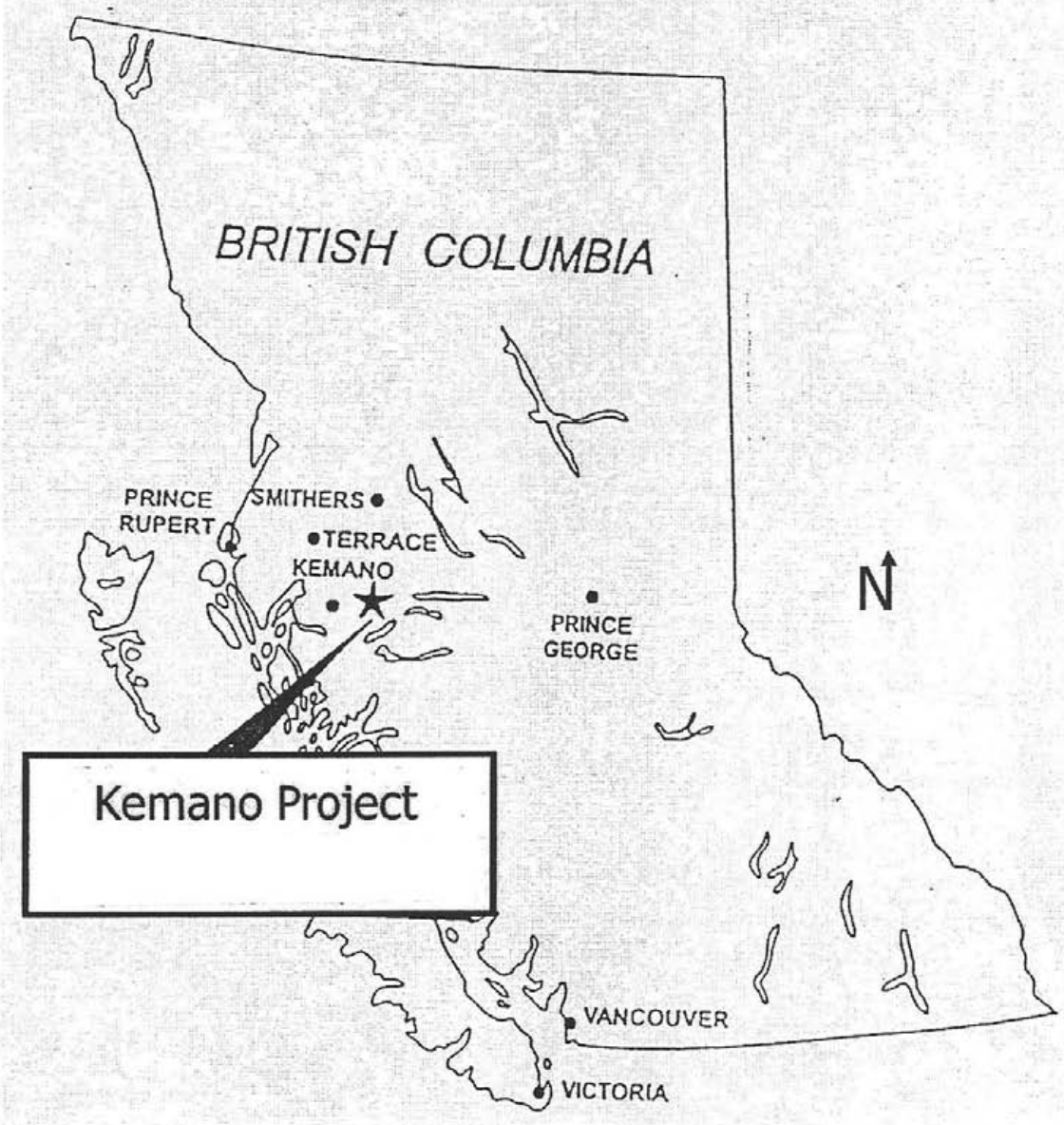
Dated: Nov, 26, 2010
Revised Date: July, 18, 2011

Table of Contents :

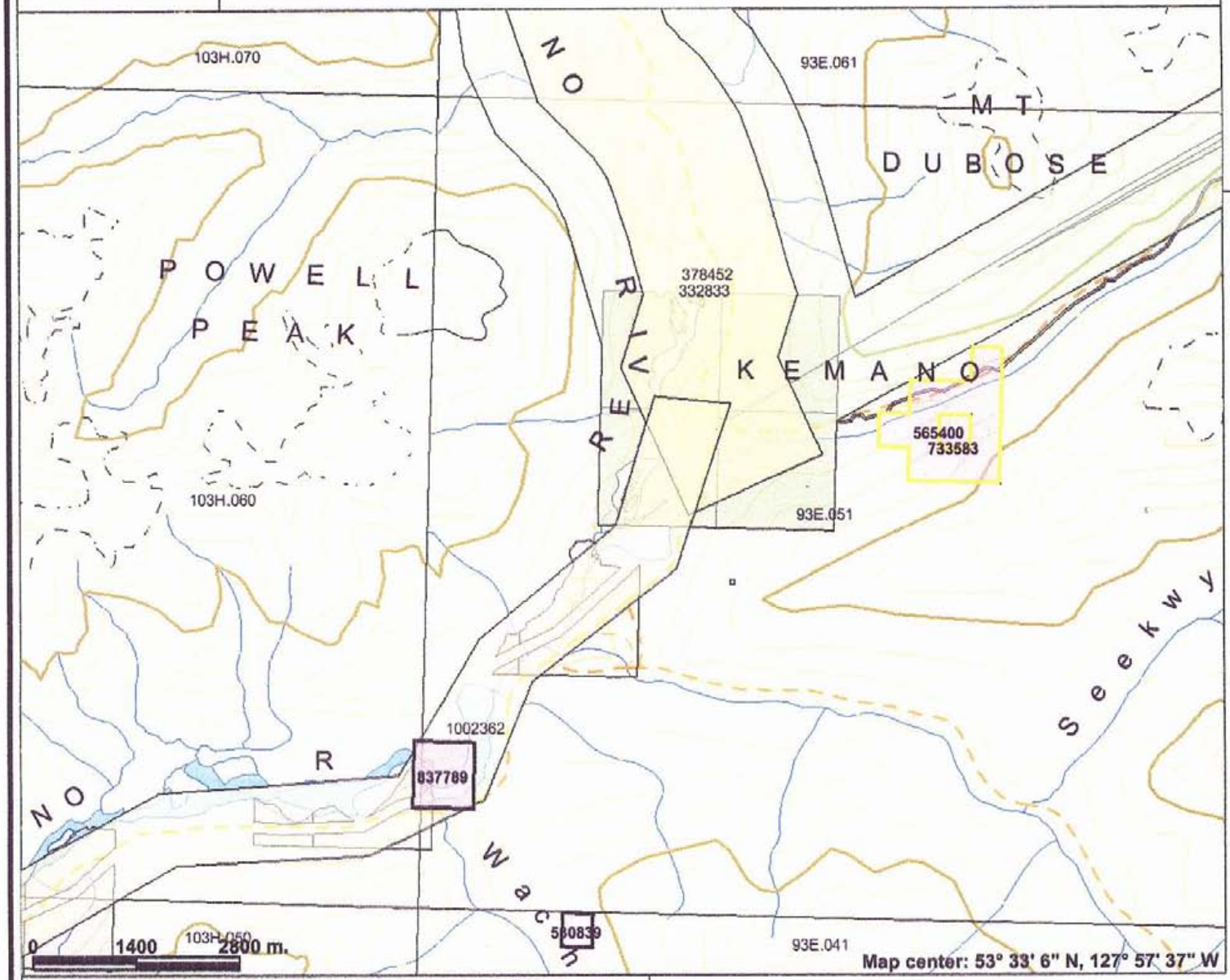
Map 1

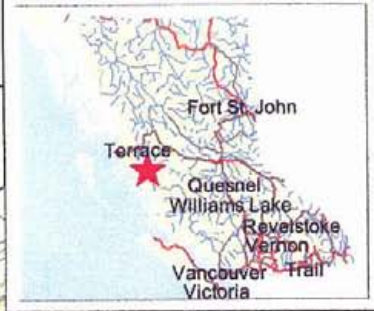
MINERAL CLAIMS AND LOCATION MAPS

Gold - Copper - Molybdenum - Silver Project



Internet Mapping Framework





Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks

Mineral Tenure (current)

- Mineral Claim
- Mineral Lease

Mineral Reserves (current)

- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Survey Parcels
- BCGS Grid

Contours (1:250K)

- Contour - Index
- Contour - Intermediate
- Areaof Exclusion
- Areaof Indefinite Contours

Annotation (1:250K)

Transportation - Points (1:250K)

- Airfield
- Anchorage - Seaplane
- Ferry Route
- Heliport
- Seaplane Base
- Air Field
- Airport
- Air Feature - Condition Unknown

Scale: 1:81,742

LEGEND

COASTAL INTRUSIVES
QUARTZ DIORITE, GRANITE

DIORITE

MIDDLE JURASSIC
BASALT, ANDESITE, TUFF, WACKE

LOWER JURASSIC
BASALT, ANDESITE, TUFF, SHALE

PROTEROZOIC
METASEDIMENTS, SCHIST, GRANITOID GNEISS

SYMBOLS

- SUPPLY CENTRE
- A1 GOLD OCCURRENCE

1 SMITH-NASH
2 HUNTER
3 SURF INLET
4 WELLS
5 CORDILLA
6 MALCOMB
7 WESTERN
8 MILLBANK
9 GOLDMINE

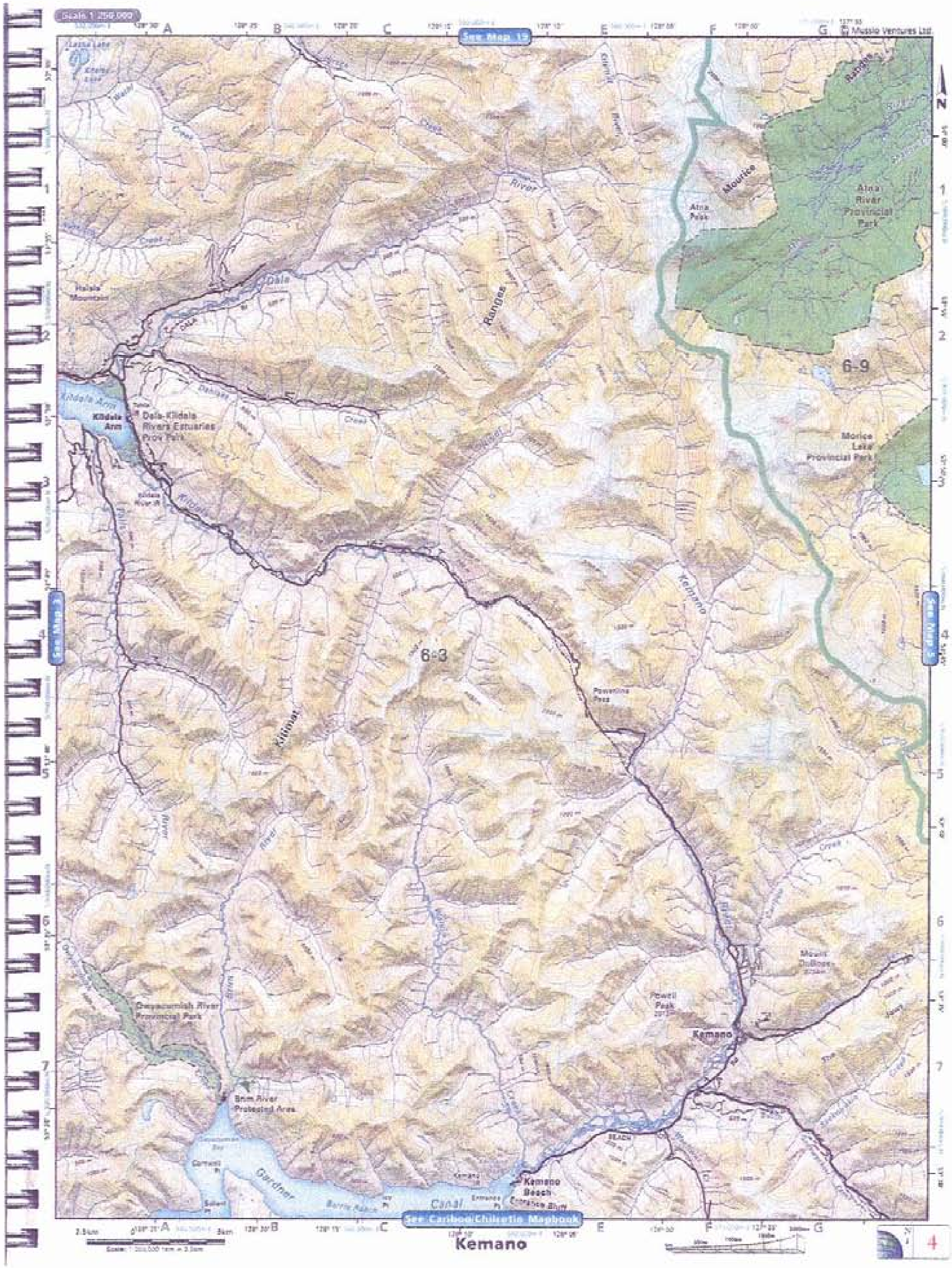
SCALE
0 10 25 50 k.m.

NOTE:
MAP AFTER G.S.C. MAPS 1424A
1385A
SHEETS 93, 103

DEPOSIT	PRODUCTION TONS	RECOVERED Oz. Au.	RESERVES TON/GRADE (Au.)
1 SMITH-NASH			22,190 / 0.302
2 HUNTER	3	29	104,000 / 0.350
3 SURF INLET	1,012,067	338,881	43,000 / 0.40
7 WESTERN COPPER	237	171	
9 GOLDMINE			

REGIONAL GEOLOGY
and
MINERAL DEPOSITS

23


See Map 19
© Mussio Ventures Ltd.
Kildala Arm
Dala-Kildala Rivers Estuaries Prov Park
Dala
Ranges
Mourice
Alna Peak
Alna River Provincial Park
6-9
Morice Lake Provincial Park
See Map 3
6-3
Kitimat
Kemano
Powerline Pass
Mount DuBose
Powell Peak
Kemano
Owyacumish River Provincial Park
Brim River Protected Area
Gardner
Canal
Kemano Beach
See Cariboo/Chilcotin Mapbook
Kemano
4

INTRODUCTION

General

This technical report is submitted to the department of Mines and Petroleum Resources of the Province of British Columbia for application of assessment work credit for exploration work preformed on the following claims.

Work on the within claims was done by John Kruszewski and Kelly Stooshnoff for Gordon Goodbrand from July 6, 2010 to August 2010 . The Penta/Mojo claims include about 211.28 hectors

Tenure Number	Claim Name	Owner	Tenure Type	Tenure Sub Type	Map Number	Issue Date	Good To Date	Status
565400	PENTA	146917 100%	Mineral	Claim	093E	2007/aug/30	2012/aug/30	GOOD
733583	MOJO	146917 100%	Mineral	Claim	093E	2010/mar/24	2013/mar/24	GOOD

The owner of the above claims is Gordon Goodbrand FMC 146917.

Claim, Location, and Access:
Located about 80 kms south of Kitamat, the property is accessible by boat from Kitamat via the Gardner Canal and by float equipped aircraft stationed both at Kitamat and Terrace. STOL may also land at the restricted Rio Tinto site at Kemano. Rio Tinto maintains security. There is also a restricted power road access. The claims are located about 12kms from the mouth of the Kemano River. Penta/Mojo claims are located at 53 deg. 33' 44" N 127 deg. 53' 43" W, about 3.3 kms east along the Horeskey Creek from Kenano and south up the steep slope.

Physiographic:
The claims lie within the Pacific Ranges of the coast Mountains characterized by deeply incised valleys and sharp crested ridges. Both north-west and north-east trending valleys have been formed in a rectangular pattern in mountains composed almost of granitoid rocks.
Inmature fir covers the claims between elevations 1500 and 2500 above mean sea level. Above 762m, extensive areas of outcrop and light overburden exits. Alder and devil's club make passage difficult near the banks of Horestzky Creek.

GLACIATION:
The entire area was covered by the continental ice sheet during Pleistocene time. Alpine glaciation is active in the higher mountains at the present time and nearly every peak of 2133m has its cirque glacier or ice-cap. A large ice field is located o Tahtsa Peak 10 kms east of the claims. Such remnant features, cirques, terminal and lateral moraines, hanging valleys, truncated spurs and u- shaped valleys exits over much of the Pacific Coast Range.

Climate:
The climate of the area is characterized by heavy precipitation, short moderately warm summers, and cold winters with abundant snowfall. Kitamat reports an average precipitation of about 228 cm. Snowfall on the claims is generally extreme and remains in a sheltered area until late June or July

History and Ownership:

1. Claims were staked in the area in 1906 when the Pintledanne group was located by Messrs, Daking and Pocklington on what was called Pintledanne Creek. Ore minerals consisted of chalcopyrite,bornite and molybdenite in a wide quartz vein in granitic rock.

2. A second reference to this area was mentioned in the Minister of Mines report for 1918 when Stewart group owned by T. and D.L.Stewart and W. Vickers was described. Both property descriptions resemble the showings as seen on the MO (1-6) claims.

3. Detailed geological mapping was undertaken in conjunction with the Alcan Tahtsa Lakee –Kemano Tunnel. This tunnel provided a 10 mile cross section through the contact zone of the main body of Coast Intrusion with older volcanic and sedimentary rocks.

4. Mr. Alex Burton examined the property for united Copper in the summer of 1967.

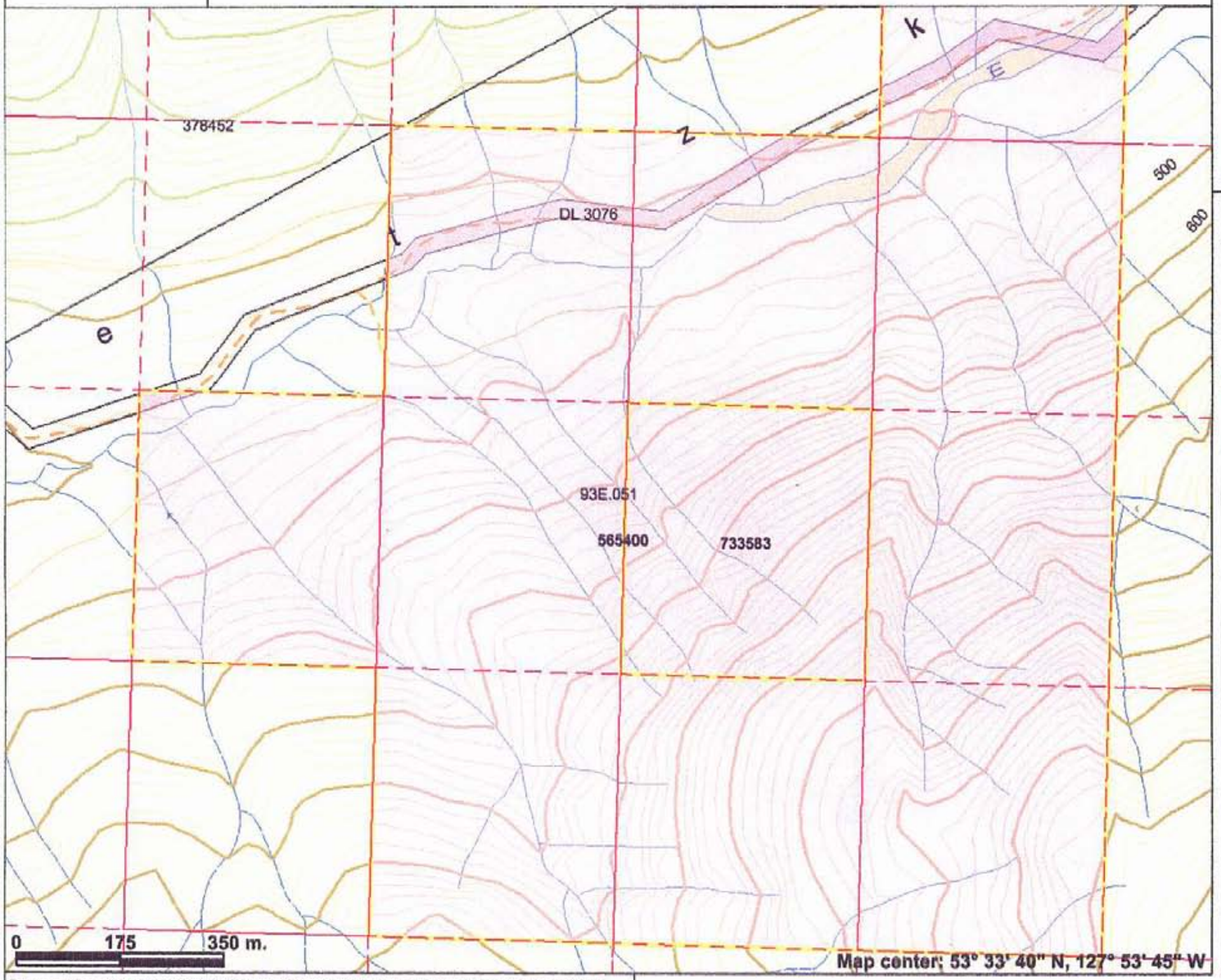
5. Report on the MO (1-6), Mineral Claims, Kemano Area, Sceena Mining Division. For Charta Mines Ltd., by John R. Poloni, B. Sc., P. Eng., October 1, 1972

Evidence exists indicating that a short adit was driven in a southerly direction on the MO claims in a faulted quartz vein containing copper mineralization. The portal of the adit is now caved but is felt that only limited work was undertaken. See Map References # 3.

6. Gordon Goodbrand claimed 9 units on Aug. 30 2007. Ongoing exploration and research.

7. Physical Exploration and Development, John Kruszewski and Kelly Stooshnoff. Reference # 4

Internet Mapping Framework



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks

MTO Grid (MTO)

- Blocked by MEM
- Other

Mineral Tenure (current)

- Mineral Claim
- Mineral Lease

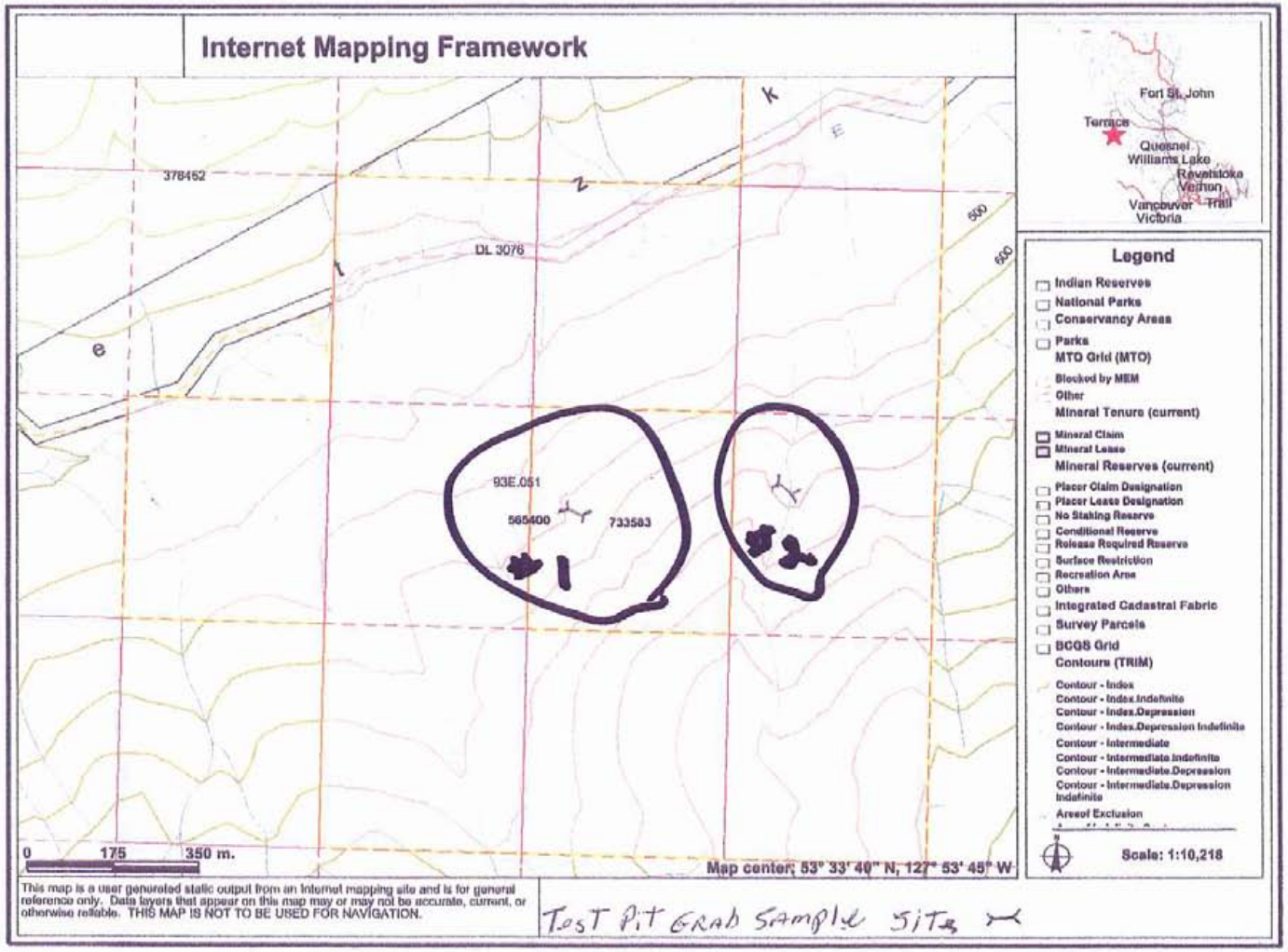
Mineral Reserves (current)

- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Integrated Cadastral Fabric
- Survey Parcels
- BCGS Grid

Contours (TRIM)

- Contour - Index
- Contour - Index.Indefinite
- Contour - Index.Depression
- Contour - Index.Depression Indefinite
- Contour - Intermediate
- Contour - Intermediate.Indefinite
- Contour - Intermediate.Depression
- Contour - Intermediate.Depression Indefinite
- Areaof Exclusion

Scale: 1:10,218


Internet Mapping Framework
378452
DL 3076
93E.051
565400
733583
0
175
350 m.
Map center: 53° 33' 40" N, 127° 53' 45" W
This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.
Test Pit Grab Sample Sites
Fort St. John
Terrace
Quesnel
Williams Lake
Revelstoke
Vernon
Vancouver
Trail
Victoria
Legend
Indian Reserves
National Parks
Conservancy Areas
Parks
MTO Grid (MTO)
Blocked by MEM
Other
Mineral Tenure (current)
Mineral Claim
Mineral Lease
Mineral Reserves (current)
Placer Claim Designation
Placer Lease Designation
No Staking Reserve
Conditional Reserve
Release Required Reserve
Surface Restriction
Recreation Area
Others
Integrated Cadastral Fabric
Survey Parcels
BCGS Grid
Contours (TRIM)
Contour - Index
Contour - Index.Indefinite
Contour - Index.Depression
Contour - Index.Depression Indefinite
Contour - Intermediate
Contour - Intermediate.Indefinite
Contour - Intermediate.Depression
Contour - Intermediate.Depression Indefinite
Areas of Exclusion
Scale: 1:10,218

[illegible] group consists of five claims: Minnie, Dot, Teckla, Chief, and

Stewart Group. *Chief*—owned by T. and D. L. Stewart and W. Vickers. They are situated about two miles up from the mouth of a small tributary creek, Pocklington creek, of the Kemano river, which flows into Gardner canal about twenty miles from its head, and are about six miles from tide-water. They are reached by canoe from Gardner canal to the Kemano river, from which a two-mile trail leads to the property.

No work, other than assessments, has been done. There are four veins. The "big vein" is a mineralized dyke lying in the granodiorites of the Coast range. Values in gold, silver, and copper are distributed throughout the dyke, and in places small shoots of ore are found of exceptional grade. Assays as high as $400 a ton have been obtained. The dyke is over 200 feet in width, of which 40 feet will probably assay $8 a ton in all values. The ore is suitable for concentration. The dyke can be traced over the *Minnie* and *Teckla* claims to an elevation of 3,200 feet.

The three other veins vary in width from 1 to 5 feet, and are of quartz carrying bornite and gold and silver values. Good water-power and plenty of timber for all purposes. The claims were not examined by me; however, the above information is entirely reliable.

The *Fortuna* and *Prudentes* claims are located on the north shore of Douglas channel, about fifteen miles from Hartley bay, and are owned by M. McMillan. Some work has been done on the claims on the beach, showing a mineralization of copper pyrites across about 20 feet. Unfortunately this work is under high tide and too meagre to give one much of an idea of the showing.

There are numerous claims located on Douglas channel and Gardner canal and their islands. Also along Grenville channel, on Pitt island, and at Kumeolon inlet are several magnetite-iron showings which, in the light of possible steel production, may warrant thorough investigation.

Geology

"Grey, coarse grained, quartz diorite, and granodiorite of jurrassic Coast Intrusions are described by S. Duffell in G.S.C. Memoir 299 as occurring in the area of the claims. These units were observed and sampled in the field examination.

Mineralization, consisting of chalcopyrite, chalcocite, Malachite, azurite, borniteand and molybdenite was observed in quartz veining and as pods in a fine grained intrusive dyke resembling Alaskite in nature. The quartz veins vary from narrow strings to massive quartz vein 8 feet in width. Mineralization occurs in the quartz and also in wall rock.

A strong near vertical shear zone occurs near the large quartz vein near the eastern boundry of the dyke.
Geological mapping has indicated a zone of mineralized Alaskite approximately 457m long, 152m – 183m wide and 213m- 243m in vertical extent. This zone narrows to 1.52m-2.43m at its lowest elevation, where it is exposed in the northerly flowing creek draining into Horetzky Creek."

Rocks of the Coast Plutonic Complex occur in imbricate sheets above a frontal thrust. In this gentle dipping, homoclinal sequence of tectonic sheets, amphilobiltes, amphilolite-grade granitoid gneisses, migmatites and metacarbonates of the Central Gneiss Complex tectonically overlie greenschist facies, metavolcanic and metaplutonic schists and mylonites of the Gamsby Group. The Central Gneiss Complex and the Gamsby Group appear to be stratigraphically equivalent units, metamorphosed to different grade and structurally juxtaposed in the thrust complex. Major and trace element chemistry of metavolcanic rocks on the Gamsby Group indicates that protoliths were tholeiitic and calc-alkaline basalt-andesite and calc-alkaline dacite-rhyolite which originated in a mature island arc setting. A minimum, Upper Triassic protolith age for the Gamsby Group is provided by a 210 Ma, near concordant U/Pb zircon date for metarhyolite and a 230+- 39 Ma Rb/Sr whole rock isochron date. Mylonitic granite in the Gamsby Group gives a160+-24 Ma R/Sr whole rock isochron date, and amphibole from a related, deformed injection agmatite gives a 145+-5 Ma K-Ar date. Hornblende from a dyke with chilled margins, which intrudes the Gamsby Group gives a 66+-2 Ma K-Ar date, indicating that the metamorphic complex was cold and close to the surface before the end of the Cretaceous. These results and geology reported for the Prince Rupert area (Crawford and Hollister, 1982, and unpublished GSC and UBC zircon data) indicate that at this latitude in the Coast Plutonic Complex, regional metamorphism, polyphase ductile deformation, and intrusion of granitoid material occurred in a two-sided Jurassic and Cretaceous orogenic welt. The orogen was superimposed on the pre-Upper Triassic island arc in the western edge of Stikinia, as a consequence of initial suturing of Stikinia with the allochtonous Wrangellia-Alexander terrain at an unknown distance to the southwest of the area herein summarized.

A Lower Cretaceous volcanic-plutonic complex forms the eastern and lowest thrust sheet of the Coast Plutonic Complex. The Volcanic rocks may be correlative with the Gambier Group of the Southern Coast Plutonic Complex, and were perhaps deposited uncomforably on the uplifted Jurassic orogen. They were invaded and hornfelsed by Cretaceous granitic stocks before being thrust northeastward over strata of the Intermontane Belt.

Middle-Upper Creatceous shortening and associated brittle shearing along the Sandifer Lake Fault Zone occurred in a high heat flow, back-arc setting. The Central Gneiss Complex, Gamsby Group and Gambier Group (?) Were imbricated and thrust over Intermontane Belt rocks of the Telkwa Formation.

The imbricate tectonic front was disrupted, successively, by strike-slip and dip-slip faults in Late Cretaceous to early Cenozoic time. The latest movement on high angle faults postdates Eocene intrusions, nearby, and Eocene strata, regionally, but predates Miocene Plateau basalts . (Woodsworth 1979, 1980).

Several dated, cross-cutting intrusive stocks in the Whitesail Lake map area (Woodsworth, 1980), indicate that the Sandifer Lake Fault Zone, juxtaposing the Coast Plutonic Complex and Intermontane Belt, had definitely ceased movement by Eocene time and quite possibly by Late Cretaceous time.

Sampling

The Alaskite zones were sampled using a grab and bag method from shallow test pits across 5m. A Quartz vein occurring in Grandiorite was also grab sampled and bagged.

Sample#		Sample Descriptions
8379	Grab	"Alaskite" fine-grained chalcopyrite, borinite, manganese stain
8380	Grab	Quartz sheared chalcopyrite borinite pyrite chalcocite, and molybdenite

Forming part of this report and attached as Certificate of Assay conducted, file 53734 by Loring Laboratories Ltd. of Calgary Alberta on August 25, 2010, two samples.

Loring Laboratories (Alberta) Ltd.

629 Beaverdam Road N.E.,
Calgary Alberta T2K 4W7
Tel: 274-2777 Fax: 275-0541
loringlabs@telus.net

ISO9001:2008 Certified

TO:
348-14st.N.W.
Calgary, AB
Fax: 403-270-3065

Attn: John Kruszewski

File No : 53734
Date : October 28, 2010

Certificate of Assay

Sample No.	Au oz/ton	Ag oz/ton	Ag ppm	Cu %	Mo %
"Assay Analysis"					
008379 Grab-Qtz	0.020	-	2.2	0.19	<0.01
008380 Grab-Qtz	0.315	-	5.8	0.06	<0.01

Methodology: Cu, Mo- Multi acid total digestion, finish by AA.
Ag- Nitric acid digestion, finish by AA
Au- 30gram Fire Assay with GRV finish

Received Date: -Oct. 25/2010

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples:

Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

FORM ASYC-015

Summery and Recommendation

Sufficient encouragement was encountered to recommend a detailed followed up program as follows.
Air Photo and Satellite Imagery interpretation.
Field identification of the prominent N.S. fault lineament traced on air photo's and satellite imagery.
Establish geophysical grid on North -South base Line with 20 meter spacing, with GPS coordinate control.
Trench sampling of mineralized outcrops for assay along the surveyed geophysical grid.
Airborne geophysical survey.
Estimated cost of $300,000.

Cost Statement August 28, 2010

John Kruszewski	6days @700	4,200
Kelly Stooshnoff	6days @400	2,400
Kms	2840 at.75	2,130
Air travel	1700	1,700
Food	60*6*2	600
Motel	86*2	172
Bug protection	12	12
"Assay Analysis"	126	126
Bear Spray	60	60
Hip Chain Spools	2*5	10
Assay 2 samples	2*64	128
Total		**$ 11,538.00**

6. AUTHOR' S QUALIFICATIONS

6.1 JOHN KRUSZEWSKI
GEOLOGICAL CONSULTANT AND PRACTICING PROSPECTOR

Address: 348 14 St. NW, Calgary, AB, T2N 1Z7.

Free Miner Certificate No: 114724
Contributing M.E.G. member, Calgary Alberta.

Formal Education:

Graduate Granum High School (Granum, Alberta)
Earth Science Studies at Mount Royal College in Calgary, 1960 - 1962
Geology Studies at the University of Toronto, 1962 - 1964.
Certificate in Design, Economics, Mining and Metallurgy of Small Scale Gold and Silver Operations@ from University of Idaho, College of Mines and Earth Resources (Moscow, Idaho), 1980

Geological Work Experience:

Involved in geological exploration since 1962 in British Columbia, Alberta, Saskatchewan, North West Territories, Montana, Wyoming, New Brunswick, Nova Scotia, Washington and Oregon, some of which include:

1969 - 1970 - winter survey road building, drilling, logging, geophysical logging, Coal what is now Grande Cache.
1972 - 1973 - researching and field examinations of rare earth prospects in Montana and Wyoming for Bayex Exploration Ltd..
staking and initial geological exploration and development of what is now Baymag Mines, 2 years;

staking and initial geological exploration of what was Aurun Mines Perlite;
staking and initial testing of the diatomite mine near Kamloops, B.C., producing AJohnny Cat@, etc;
acquiring coal leases, field supervisor in mapping, trenching, drilling, logging core. Gulf Minerals (coal), 2 years;
staking to drilling of Blue River, B.C. carbonatites rare earth joint venture with Anshutz of Denver Colorado;
Kemano B.C. gold, copper discovery staking, exploration, drilling and development member of Mineral Exploration Group, Calgary, Alberta;
served as a director of Kemano Gold Corp., now Purcell Energy;
1990 - 1996 - grass roots placer exploration to production at 24K, Cariboo, MD +2000 Au;
research and locate kimberlite diatremes at Crossing Creek, B.C. in a joint venture with Dr. Charles Newmarch et al now operated by Quest International in a joint venture with Anvil to complete the diamond drilling phase;
1994 - 1995 implemented and carried out geological field programs for Birch Mt. Resources Ltd., Ft. Steele, M.D. with Dr. Richard Garnett tracing diamond indicator minerals and identifying diatremes;
1996 - Geological research, evaluation and staking program for a gold tungsten project (Sanca Gold Corp.)
1997 - Rutherford Minerals Kemano staking program and exploration
1997 - Geophysical program VLF - Mag in Northern Alberta for diatremes.
1997 - 1998 - research and select diamond leases in Alberta
1999 - Kemano exploration, sampling, limonitic stained quartz veins below receding glacier
2000 - 2005 - Satellite imagery, field verification, of anomalous targets in BC and Alberta
2006 - Survey Geophysical grid on N.E. striking lineaments as outlined from air photo and satellite imagery. Select samples for assay, ICP analysis and mineralogical thin section study.
2008 – Geophysical and technical assessment report for Golden Ice Minerals Inc., Skeena Mining Division with Excel Geophysics Inc of High River, Alberta.

6.2 KELLY T. STOOSHNOFF

Address: Calgary, Alberta

Free Miner Certificate No: 125885

Formal Education

- Grade 12. Lacombe. Alberta

CERTIFICATES

- Alberta First Aid A Certificate 60165655 (Expires 2011)
- Alberta H2S Certificate 833606 (Expires 2011)
- B.C First Aid CRC (Expires 2013)

Geological Work Experience:

1963-1970:	Conventional drilling slim holes at Sparwood, B.C Helicopter drilling Canadian Arctic Islands Drilled water wells in Alberta, Saskatchewan and off shore Egypt
1971-1985	Self-employed backhoe operator digging gas lines in Southern Alberta Prospecting
1986-1987	Ran loaders and screening plants for dirt (loam) Placer gold exploration Moyie Lake, B.C
1998-2002:	Oil patch maintenance work Placer gold exploration Cotton Wood River, B.C
2003-Present:	Operated backhoe under contract with City of Calgary Assisted in geological and geophysical exploration of the Golden Ice Minerals claims Laid gas lines under contract Placer gold exploration and testing, Fraser River, Moyie Lake and Cottonwood River, B.C