

O92F 106,
107,
258,
259

007162

178264
178265
178266

SECOND FLOOR, 2747 EAST HASTINGS STREET
VANCOUVER, BRITISH COLUMBIA
V5K 1Z8



WHEN REPLYING PLEASE REFER TO

FILE NO.

MINERAL RESOURCES BRANCH
DEPARTMENT OF MINES AND PETROLEUM RESOURCES

April 18, 1977

Dr. J. T. Fyles, P. Eng.
Deputy Minister of Mines
Ministry of Mines and Petroleum Resources
Parliament Buildings
Victoria, B. C.

Dear Sir:

As you requested, Dr. Eastwood and I obtained 124 geological maps and magnetometer maps of the Texada Mine and of other mines which they have examined on Texada Island. Attached is a copy of the list of that index.

In addition, I am just forwarding twelve binders of the Texada Mine Plans and Sections to Dr. Eastwood. These 745 plans and sections are the active plans and sections which were used at the mine. They are on blue line printing paper, and so it would have been very expensive to have prints made. However, it will be quite inexpensive to have the microfiche copies made.

This completes our assignment of obtaining and preserving as much of the accumulated geological and exploration information as possible. If there is anything further which you feel should be done please advise.

There is a possibility that Genstar will purchase this property. With the limestone, and the loading facilities at the mine, this could become a major limestone producer.

Yours very truly,

J. W. Robinson, P. Eng.
Inspector of Mines and
Resident Engineer

JWR/dmc

Encl.

DEPUTY MINISTER OF MINES & PETROLEUM RESOURCES			
REC'D APR 25 '77 974 J J F			
REFERRED	TO	DATE	INITIAL
ACCTS			
A. D. M.	✓	2/5	M
A. D. P.			
M. R.			
E. & P.			
A. D.			
FILE	H Texada		

No.	Name of Property	Type	Description of Plan	Location	Scale 1"=	Date
178222	Texada Mine-Texada H.L.	Geol, mag	Northwest diorite area - section N 13100	Texada I.	50'	Undated
178223	" " " "	Geol	Anomaly A area - section N 11080	"	20'	1969
178224	" " " "	"	" " 11130	"	"	"
178225	" " " "	"	" " 11180	"	"	"
178226	" " " "	"	" " 11230	"	"	"
178227	" " " "	"	" " 11260	"	"	"
178228	" " " "	"	" " 11230	"	"	"
178229	" " " "	"	" " 11380	"	"	"
178230	" " " "	"	" " 11430	"	"	"
178231	" " " "	"	" " 11480	"	"	"
178232	" " " "	Geol, assay	North Paxton pit - section N 10920	"	"	1971
178233	" " " "	"	" " 10950	"	"	"
178234	" " " "	"	" " 10980	"	"	"
178235	" " " "	"	" " 11010	"	"	"
178236	" " " "	"	" " 11040	"	"	"
178237	" " " "	"	" " 11070	"	"	"
178238	" " " "	"	" " 11100	"	"	"
178239	" " " "	"	" " 11130	"	"	"
178240	" " " "	"	" " 11160	"	"	"
178241	" " " "	"	" " 11190	"	"	"
178242	" " " "	"	" " 11220	"	"	"
178243	" " " "	"	" " 11280	"	"	"
178244	" " " "	Geol	South Yellow Kid - 1959 drill SL,W	"	"	1966
178245	" " " "	"	" " - 1959 drill SL,E	"	"	"
178246	" " " "	"	" " - 1934 x-cut SL	"	"	"
178247	" " " "	"	" " - 1920 drill SL	"	"	"
178248	" " " "	"	" " - 1912 x-cut SL	"	"	1965
178249	" " " "	"	" " - 1897 slot x-cut SL	"	"	1966
178250	" " " "	"	" " - 108 scam, 1893 SL	"	"	1965
178251	" " " "	"	" " - undercuts, 1876 SL	"	"	"
178252	" " " "	"	Yellow Kid 1855L, NW sheet	"	"	1963
178253	" " " "	Geol, assay	" " " , NE sheet	"	"	Undated
178254	" " " "	Geol	" " " , NE sheet	"	"	1965
178255	" " " "	"	" " " , S sheet	"	"	Undated
178256	" " " "	Geol, assay	" " " , SE sheet	"	"	"
178257	" " " "	Geol	" " 1800 L, DDH	"	"	1967
178258	" " " "	"	South Yellow Kid, undercuts 1765 SL	"	"	"
178259	" " " "	"	" " " , scams 1750 SL	"	"	"
178260	" " " "	"	" " " , 1700 L, DDH	"	"	"
178261	" " " "	"	" " " , 1665 L	"	"	Undated
178262	" " " "	"	" " " , 1455 L	"	"	1963
178263	" " " "	"	Composite plan, Yellow Kid & Lerol	"	"	Undated
178264	" " " "	Eng	Lake decline	"	"	"
178265	" " " "	Geol	Composite plan, Lake mine	"	"	"

No.	Name of Property	Type	Description of Plan	Location	Scale 1"=	Date
178180	Texada Mine-Texada M.L.	Geol	Boulder Nest - section N 11700	Texada I.	50'	Undated
178181	" " " "	"	" " " 11750	"	"	"
178182	" " " "	"	" " " 11800	"	"	"
178183	" " " "	"	" " " 11850	"	"	"
178184	" " " "	"	Prescott & Yellow Kid - Section N 10000	"	"	"
178185	" " " "	"	" " " 10050	"	"	"
178186	" " " "	"	" " " 10100	"	"	"
178187	" " " "	"	" " " 10150	"	"	"
178188	" " " "	"	" " " 10200	"	"	"
178189	" " " "	"	" " " 10250	"	"	"
178190	" " " "	"	" " " 10300	"	"	"
178191	" " " "	"	" " " 10350	"	"	"
178192	" " " "	"	" " " 10400	"	"	"
178193	" " " "	"	" " " 10450	"	"	"
178194	" " " "	"	" " " 10500	"	"	"
178195	" " " "	"	" " " 10550	"	"	"
178196	" " " "	"	" " " 10600	"	"	"
178197	" " " "	"	" " " 10650	"	"	"
178198	" " " "	"	" " " 10700	"	"	"
178199	" " " "	"	" " " 10750	"	"	"
178200	" " " "	"	" " " 10800	"	"	"
178201	" " " "	"	" " " 10850	"	"	"
178202	" " " "	"	" " " 10900	"	"	"
178203	" " " "	"	" " " 10950	"	"	"
178204	" " " "	"	" " " 11000	"	"	"
178205	" " " "	"	" " " 11045	"	"	"
178206	" " " "	"	" " " 11090	"	"	"
178207	" " " "	"	" " " 11135	"	"	"
178208	" " " "	"	" " " 11170	"	"	"
178209	" " " "	"	" " " 11200	"	"	"
178210	" " " "	"	" " " 11245	"	"	"
178211	" " " "	"	" " " 11290	"	"	"
178212	" " " "	"	" " " 11335	"	"	"
178213	" " " "	"	" " " 11380	"	"	"
178214	" " " "	"	" " " 11400	"	"	"
178215	" " " "	"	" " " 11450	"	"	"
178216	" " " "	Geol, mag	Northwest diorite area - section N 12400	"	"	"
178217	" " " "	"	" " " 12500	"	"	"
178218	" " " "	"	" " " 12600	"	"	"
178219	" " " "	"	" " " 12800	"	"	"
178220	" " " "	"	" " " 12900	"	"	"
178221	" " " "	"	" " " 13000	"	"	"

No.	Name of Property	Type	Description of Plan	Location	Scale 1"=	Date
178140	Texada Mine-Texada I.L.	Geol	Lake-Goodall area - section N 10765	Texada I..	50'	pre-1966
178141	" " " "	"	" " " " 10815	"	"	" "
178142	" " " "	"	" " " " 10900	"	"	" "
178143	" " " "	"	" " " " 10990	"	"	" "
178144	" " " "	"	" " " " 11090	"	"	" "
178145	" " " "	"	" " " " 11190	"	"	" "
178146	" " " "	"	" " " " 11290	"	"	" "
178147	" " " "	"	" " " " 11390	"	"	" "
178148	" " " "	"	" " " " 11500	"	"	" "
178149	" " " "	"	" " " " 11600	"	"	" "
178150	" " " "	"	" " " " 11700	"	"	" "
178151	" " " "	"	" " " " 11800	"	"	" "
178152	" " " "	"	" " " " 11900	"	"	" "
178153	" " " "	"	" " " " 12000	"	"	" "
178154	" " " "	"	South Paxton - section N 9900	"	"	1974
178155	" " " "	"	" " " " 10000	"	"	"
178156	" " " "	"	" " " " 10100	"	"	"
178157	" " " "	"	" " " " 10150	"	"	"
178158	" " " "	"	" " " " 10200	"	"	"
178159	" " " "	"	" " " " 10250	"	"	"
178160	" " " "	"	" " " " 10300	"	"	"
178161	" " " "	"	" " " " 10400	"	"	"
178162	" " " "	"	" " " " 10500	"	"	"
178163	" " " "	"	" " " " 10600	"	"	"
178164	" " " "	"	" " " " 10800	"	"	"
178165	" " " "	"	" " " " 11000	"	"	"
178166	" " " "	"	" " " " 11100	"	"	"
178167	" " " "	"	North Paxton - Sections N 10900, 10960, 11020, 11080, 11140, 11200	"	"	1961
178168	" " " "	"	" " - Sections N 11260, 11320, 11380, 11620	"	"	"
178169	" " " "	"	Lerio & N. Paxton - section N 11200	"	"	Undated
178170	" " " "	"	" " " " 11245	"	"	"
178171	" " " "	"	" " " " 11290	"	"	"
178172	" " " "	"	" " " " 11335	"	"	"
178173	" " " "	"	" " " " 11380	"	"	"
178174	" " " "	"	" " " " 11400	"	"	"
178175	" " " "	"	" " " " 11450	"	"	"
178176	" " " "	"	Pouder Nest - section N 11500	"	"	"
178177	" " " "	"	" " " " 11550	"	"	"
178178	" " " "	"	" " " " 11600	"	"	"
178179	" " " "	"	" " " " 11650	"	"	"

No.	Name of Property	Type	Description of Plan	Location	Scale 1"=	Date
178099	Texada Mine-Texada H.L.	Geol, assay	Paxton mine, 420 level	Texada I.	50'	1958
178100	" " " "	Geol, assay	Paxton mine, 400 level	Texada I.	50'	1958
178101	" " " "	Geol, assay	Paxton mine, 380 level	Texada I.	50'	1958
178102	" " " "	Geol, assay	Paxton mine, 360 level	Texada I.	50'	1958
178103	" " " "	Geol	Paxton mine geology	Texada I.	50'	1956
178104	" " " "	Geol	Paxton mine geology	Texada I.	50'	1959
178105	" " " "	Geol	Paxton 400 level	Texada I.	50'	1960
178106	" " " "	Eng	North Paxton pit (shows dual co-ords)	Texada I.	50'	1962
178107	" " " "	Geol	North Paxton pit	Texada I.	50'	1964
178108	" " " "	Geol	North Paxton pit	Texada I.	50'	1964
178109	" " " "	Geol	North Paxton pit	Texada I.	50'	1966
178110	" " " "	Geol	North Paxton pit	Texada I.	50'	1967
178111	" " " "	Geol	South Paxton pit	Texada I.	50'	1963
178112	" " " "	Geol	South Paxton pit	Texada I.	50'	1964
178113	" " " "	Geol	Yellow Kid pit	Texada I.	50'	1962
178114	" " " "	Geol	Prescott pit	Texada I.	50'	1966
178115	" " " "	Eng	3-D mine workings	Texada I.	100'	Undated
178116	" " " "	Geol	2450 level	Texada I.	100'	Undated
178117	" " " "	Geol	2250 level	Texada I.	100'	Undated
178118	" " " "	Geol	2055 level	Texada I.	100'	Undated
178119	" " " "	Geol	55 level	Texada I.	50'	1964
178120	" " " "	Geol	1855 level	Texada I.	50'	1963
178121	" " " "	Geol	1655 level	Texada I.	50'	1963
178122	" " " "	Geol	1455 level	Texada I.	50'	1963
178123	" " " "	Geol	Longitudinal section along Yellow Kid orebody, & mining plan	Texada I.	50'	Undated
178124	" " " "	Geol	Vertical section along Yellow Kid F/W crosscut	Texada I.	50'	1961
178125	" " " "	Geol	N-S vertical section on 2055 adit	Texada I.	50'	Undated
178126	" " " "	Geol	E-W vertical section on 2055 adit	Texada I.	50'	1961
178127	" " " "	Geol	Vertical section along E 10580	Texada I.	50'	1961
178128	" " " "	Geol	Vertical section along 1655 crosscut	Texada I.	50'	Undated
178129	" " " "	Geol	Boulder Nest - Goodall: section along N 11700	Texada I.	50'	1963
178130	" " " "	Geol	Lake - Goodall area: section along N 10710	Texada I.	50'	Undated
178131	" " " "	Eng	Lake pit ext.	Texada I.	50'	1964
178132	" " " "	Geol	Lake mine W extension - bottom contours	Texada I.	50'	1962
178133	" " " "	Geol	Lake mine W extension - thickness contours	Texada I.	50'	1962
178134	" " " "	Geol	Longitudinal section through Lake mine - NW ext.	Texada I.	50'	Undated
178135	" " " "	Geol	Lake ext. to Goodall - thickness contours	Texada I.	50'	Undated
178136	" " " "	Geol	Lake ext. - vertical sections A & B	Texada I.	50'	1964
178137	" " " "	Geol	Lake - Goodall area - section N 10530	Texada I.	50'	pre-1966
178138	" " " "	Geol	Lake - Goodall area - section N 10620	Texada I.	50'	pre-1966
178139	" " " "	Geol	Lake - Goodall area - section N 10710	Texada I.	50'	pre-1966

No.	Name of Property	Type	Description of Plan	Location	Scale 1"=	Date
178070	Cornell-Texada Mines Ltd.	Mag	Magnetometer reconnaissance, ground	Vananda, Texada I.	100'	1974
178071	Volunteer-Texada M.L.	Mag, geol.	" " "	Vananda, Texada I.	100'	1974 ?
178072	Little Billy & Copper Queen-Texada M.L.	Mag, geol.	" " "	Vananda, Texada I.	100'	1974
178073	(Texada Mine-Texada M.L.	Topo	Location map (shows mine grid & ground magnetometer map-areas)	Texada I.	1,320'	1964 +
	(" " " "	Geol, topo	Geology & surface pits. (Also key to symbols)	Texada I.	1,320'	1964 +
178074	" " " "	Topo	Topographic map of mine area, C.I. 10'	Texada I.	400'	1964
178075	" " " "	Airmag	Airborne magnetometer survey, high altitude, N sheet	Texada I.	400'	1962
178076	" " " "	Airmag	Airborne magnetometer survey, high altitude, S sheet	Texada I.	400'	1962
178077	" " " "	Airmag	Airborne magnetometer survey, low altitude, N sheet	Texada I.	400'	1962
178078	" " " "	Airmag	Airborne magnetometer survey, low altitude, S sheet	Texada I.	400'	1962
178079	" " " "	Eng	Plant area - fresh water supply	Texada I.	400'	1965
178080	" " " "	Geol, mag, eng.	Texada surface plan - W 1/2	Texada I.	100'	1974
178081	" " " "	" " "	" " " - E 1/2	Texada I.	100'	1974
178082	" " " "	Eng.	Fire protection plot plan	Texada I.	50'	1968
178083	" " " "	Mag	Magnetometer survey of Leroi area	Texada I.	50'	Undated
178084	" " " "	Mag	Magnetometer survey of Leroi & S. Leroi areas	Texada I.	100'	1973
178085	" " " "	Mag	Magnetometer survey of Goodall, S. Goodall, & Lake South areas	Texada I.	100'	1973
178086	" " " "	Mag	Magnetometer survey of Paxton, S. Paxton, Gravel North, & Gravel areas	Texada I.	100'	1973
178087	" " " "	Mag	Magnetometer survey of Airport North, Airport, N Cranby Lake, & Cranby Lake areas	Texada I.	100'	1973
178088	" " " "	Geol, DDH	Surface geology, SE 1/4 of Section 2	Texada I.	100'	Undated
178089	" " " "	Geol	Lake pit ext.	Texada I.	50'	1966
178090	" " " "	Eng	Lake pit ext.	Texada I.	50'	1966
178091	" " " "	DDH	Goodall area, showing Lake & Yellow Kid co-ordinates	Texada I.	50'	Undated
178092	" " " "	Geol	Boulder Nest & Goodall pit plans	Texada I.	50'	1962
178093	(" " " "	Geol	Boulder Nest pit	Texada I.	50'	1962-
	(" " " "	Geol	Surface plan Paxton - Boulder Nest	Texada I.	50'	1959-60
178094	" " " "	DDH	N Paxton extension (shows Paxton 4 Yellow Kid co-ordinates)	Texada I.	50'	Undated
178095	" " " "	DDH, Geol	N. Paxton extension - diamond drilling projected to 450 level	Texada I.	50'	1960
178096	" " " "	Geol, assay	Paxton mine, 480 level	Texada I.	50'	1958
178097	" " " "	Geol, assay	Paxton mine, 460 level	Texada I.	50'	1958
178098	" " " "	Geol, assay	Paxton mine, 440 level	Texada I.	50'	1958

Twelve binders of Texada Mine Plans and Sections. These plans and sections are on blue line printing paper and are the active plans and sections which were used at the mine. The stopes, drifts, and diamond drill holes are shown on the plans and sections and the ore and rock types are shown in color.

Title	Scale	Type of Map	Date on Plan or Section	Up to Date at 1976 Shutdown	Number of Maps In Binder
1. Prescott Plans	1" = 20'	Plan	Oct. 7/68	Yes	15
2. Leroi Plans	1" = 20'	Plan	Apr. 2/71	Yes	16
3. Leroi Boulder Nest	1" = 20'	Vertical Sections	Mar./71	Yes	45
4. Main Yellow Kid & So. Yellow K.	1" = 20'	Vertical Sections	Feb. 22/67	Yes	41
5. Main & South Yellow Kid	1" = 20'	Plan	May 12/64	Yes	26
6. Leroi	1" = 20'	Vertical Sections	Dec. 1/64	Yes	45
7. Lake	1" = 20'	Plan	Dec./69	Yes	4
8. Lake Mine West Ext.	1" = 20'	Vertical Sections	Nov. 26/70	Yes	46
9. Midway Zone 14 S.Y.K.	1" = 20'	Vertical Sections	Dec./70	Yes	34
10 402 NYK, CYK N. Ext. Lake	1" = 20'	X-Cut Plans	Sept./65	Yes	16
11 Prescott	1" = 20'	Vertical Sections	Dec. 15/64	Yes	31
12 Midway	1" = 20'	Plans	May 22/63	Yes	21

745

J. H. Robinson

SUITE 103
2747 EAST HASTINGS STREET
VANCOUVER, B.C.
V5K 1Z8



DEPT. OF MINES
AND PETROLEUM RESOURCES
WHEN REPLYING PLEASE REFER TO

FILE NO.

DEPARTMENT OF MINES AND PETROLEUM RESOURCES

DEPUTY MINISTER OF MINES
& PETROLEUM RESOURCES

REC'D FEB 17 '77
391

REFERRED	TO	DATE	INITIAL
ACCTS			
A. D. M.			
A. D. P.			
M. R.			
E. & P.			
A. D.			
FILE	H. Texada		

FILE
DRAWER NO.
X REFERENCE
FILED BY

February 11, 1977

Mr. J. W. Peck, P. Eng.
Chief Inspector of Mines
Ministry of Mines & Petroleum Resources
1837 Fort Street
Victoria, B. C. V8R 1J6

Dear Sir:

Re: Recoverable Economic Ore at Texada Iron Mine,
Gillies Bay, Texada Island

When I returned from making inspections on Friday evening I received the note that Mr. Merrett had telephoned to say that a request for information about Texada Iron Mine had been channeled through the Minister of Mines. As I must leave again by Sunday morning I will answer by letter this evening. The question I received was "Will you give a statement or estimate of recoverable ore remaining at the Texada Iron Mine?"

~~I will endeavor to answer that question and explain briefly. I can definitely state: "There is no recoverable economic ore remaining at the Texada Iron Mine at this time". Basically and fundamentally, "Ore is a mineral or a conglomeration of minerals which can be mined at a profit which is zero or greater than zero". At the present moment, the minerals at the Texada Iron Mine could not be mined by Texada Mining Company or anyone else at a profit, which is zero or greater than zero.~~

A
that they
and as you know

Four years ago it was explained that the Texada Mining Company could not mine the ore from that mine and pay the taxes and the royalties which were then required. Calculations were submitted showing that the higher the price of the metals went, the more the royalties exceeded the total available profit. However, the Texada Mining Company and the Mineral Revenue Department were unable to resolve the problems and the taxes and royalties remained unchanged. The Texada Mining Company stopped diamond drilling and exploring for ore at this mine. I reported this cessation of diamond drilling and exploration to the Department of Mines each year. To stop diamond drilling and exploration is as terminal as it is to stop breathing. For the past three years, the mining crews have continued to mine the known and developed reserves and to put this "ore" through the mill. That "ore" was not completely exhausted. However, there is another fundamental factor to take into consideration.

complained

Government

at the time of closure, but

came into play

Mr. J. W. Peck, P. Eng.

February 11, 1977

After ore has been mined and milled, a market or sale must be available for the concentrates produced. In this case the iron concentrates were sold to an iron smelter and steel mill in Japan. An iron smelter requires a steady, reliable source of iron concentrates. They do not purchase a shipload or a 6 month supply of iron concentrates, but negotiate contracts of two to four years from as many as 5 to 10 mines the size of Texada Iron Mine. By December, Texada Iron Mine had supplied the concentrates they were entitled to supply under their last contract. Texada Iron Mine could not assure any smelter that they could provide a steady supply of a reasonable quantity of iron concentrate over the next two, three or four years, so they could not get a new contract to sell iron concentrates.

Therefore, although there is still a known and developed quantity of minerals containing magnetite, with some chalcopyrite in the mine, which would have supplied the mill with feed for about 6 months, there is no established market for the concentrate which would have been produced. Since the concentrate could not be sold, then the minerals could only have been mined at a total loss.

It is regrettable that only a few thoughtful people were willing to listen to explanations and to give the problems which had been created some consideration. The remainder of the people claimed that the "explanations" were "excuses" and "fabrications" and provided slogans that said we should leave the ore in the ground for our grandchildren. Unfortunately they were unable to understand the true situation until after the operation was closed. They are still completely unable to visualize the greater loss created by the mines that were never found or started.

If there is any further information which is required, please write or contact me when I return next Saturday.

Yours very truly,

J. Greene
per:
J. W. Robinson

J. W. Robinson, P. Eng.
Inspector of Mines and
Resident Engineer

JWR:jg

Hon. James R. Chabot,
Minister of Mines and
Petroleum Resources,
Buildings.

February 17 77

In answer to your request regarding the recoverable ore remaining in the Texada Mine, J. W. Robinson, Inspector of Mines responsible for the Texada Mine, has supplied the following information.

There is no recoverable economic ore remaining at the Texada Iron Mine at this time. Basically ore is a mineral or a conglomeration of minerals which can be mined at a profit. At the present moment, the minerals at the Texada Mine could not be mined by Texada Mining Company or anyone else at a profit.

Four years ago Texada Mining Company complained that they could not mine the ore and pay the taxes and royalties which were then required. Calculations were submitted showing that the higher the price of the metals the more the royalties exceeded the total available profit. The company and the government were unable to resolve the problems and the taxes and royalties remained unchanged. The company stopped diamond drilling and exploring, and as you know to stop diamond drilling and exploration is as terminal as it is to stop breathing. For the past three years, the mining crews have continued to mine the known and developed reserves and to put this "ore" through the mill. That "ore" was not completely exhausted at the time of closure, but another fundamental factor came into play.

By December 1976 the contract which Texada had with Japanese buyers had terminated and the mine could not assure any smelter of a reasonable quantity of concentrate for a sufficiently long period (2 to 5 years) to attract a buyer. Thus, at the rate of extraction of 1976 there is still sufficient known and developed rock containing magnetite and chalcopyrite (not ore in the strict sense of the word) to provide mill feed for about six months. There is no established market for this material.

James T. Fyles,
Deputy Minister.

JTF:DB

MEMORANDUM FROM Mr. J. W. Peck

TO Dr. J. T. Fyles,
Deputy Minister,
Ministry of Mines and Petroleum Resources,
BUILDINGS.


THE DEPARTMENT OF
MINES AND PETROLEUM RESOURCES
PARLIAMENT BUILDINGS, VICTORIA, BRITISH COLUMBIA V8V 1X4

DATE January 27, 1977

I believe that the Minister should be made aware of the fatal accidents which took place on Texada Island last year, and the correspondence that was directed to the former Minister, T. M. Waterland. Mr. Lockstead the M.L.A. for the area has also contacted me. There were three fatal accidents on Texada Island in 1976 as follows:-

1. Marcel Robert, killed February 6 when he operated a Telettram diesel loader underground without authority and it ran over him when he fell out. He was 20 years old and was on a training programme.
2. Leonard Donald Vickery, killed July 26 when a diesel personnel carrier he was operating overturned and crushed him. There was no roll-over protection installed and copies of correspondence are enclosed explaining this.
3. Rory Fieldkovich received crushing injuries in August when he backed a truck over a stockpile edge. He died in a Vancouver hospital October 18. No inquest has yet been held.

Copies of correspondence as started by Mr. Alex Seredin are enclosed. A copy of a letter to Mr. Lockstead is also enclosed.


The above correspondence and accidents prompted Mr. Waterland to request a more thorough follow-up. This was done by our District Inspector, J. W. Robinson, and copies of this correspondence and Mr. Robinson's report are enclosed.

DEPUTY MINISTER OF MINES
& PETROLEUM RESOURCES

REC'D JAN 28 '77 215

277
FERRED TO DATE INVOICE

JWP/tr
Encl.


J. W. Peck, P. Eng.,
Chief Inspector of Mines.

P.S. The first two fatalities took place at Texada Mines Ltd., the third at Domtar (a limestone quarry).

J.W.P.

September 13, 1976.

The Hon. T. M. Waterland,
Minister,
Dept. Mines and Petroleum Resources,
Parliament Buildings,
Victoria, B. C.

Dear Sir: Re: Texada Mines Safety

With reference your memo of August 5, I would advise it was not possible for Mr. Merrett or myself to immediately visit Texada Mines. It also appeared that, because of more pressing commitments (Mines Ministers' Conference, Inspectors' Annual Meeting, special brake testing, holidays, etc.) a visit could not be made until November. I thus requested Mr. J. W. Robinson to review the mine's safety practices with emphasis on training and mechanical maintenance. He has just submitted a very comprehensive report and a copy is enclosed for your perusal.

Mr. Robinson's report would indicate that there is not much improvement in procedures that could be undertaken either by management or ourselves to lessen the increasing fatality rate at Texada Mine. Mr. Robinson reviewed the two fatalities and you will note both men were under 20. They had received training which we considered to be satisfactory. A young person can be considered to be more liable to take chances (as is recognized by insurance companies to the age of 25) and thus we could raise the operator's age to 21 similar as is the rule for a hoistman. However, I do not recommend this as we have difficulty now getting young people to enter the mining industry.

As indicated by Mr. Robinson this mine has had an excellent safety record, the best in British Columbia, and in Canada. Unfortunately the mine is now in the closing stages and expects to wind up by the end of the year. This information affects all persons at the mine, from the staff down to the lowest paid. They are no doubt thinking of their future rather than the job at hand. The good men leave as soon as possible (Harold Armour, a former mine foreman is now a technician-inspector in our Nanaimo district). The assistant manager and the chief engineer have also left. It is difficult to get sufficient men to operate the mine properly and morale would be suffering among those remaining. This mine could not field a mine rescue team at our last competition even though it had a winning team for many years, including a winner for the Canadian.

The Hon. T. M. Waterland

September 13, 1976.

I trust the above with Mr. Robinson's report is satisfactory for your purpose. If not, I would suggest you direct me to make an investigation as per Section 5 of the Mines Regulation Act giving terms of reference in a broad manner. This would allow me to appoint an investigating committee containing union and management similar to what Mr. Nimsick did when three fatal accidents took place at Western Mines due to falls of ground. Dr. Fyles would also have to be advised as holidays would have to be postponed until next year and his concurrence is needed for this.

Yours very truly,

J. W. Peck, P. Eng.,
Chief Inspector of Mines.

JWP/tr

c.c. - Dr. J. T. Fyles - copy of Mr. Robinson's report is enclosed
Mr. J.W. Robinson herewith.

Encl.

MEMORANDUM	
DEPT. OF MINES AND PETROLEUM RESOURCES	
To..... Mr. J. W. Peck,	Rec'd AUG 11 1976
Chief Inspector,	
INSPECTION BRANCH.	

**MINISTER OF MINES
AND PETROLEUM RESOURCES
PROVINCE OF BRITISH COLUMBIA**

VICTORIA, B.C., August 5, 1976.

File No: 44.1

Further to our conversation last week regarding the Texada Fatality, will you or Mr. Merritt please visit Texada Mines and review safety practices, etc., currently employed with particular emphasis on training and mechanical maintenance of mining equipment and report back in writing.

JWP.
Your comments pls
JWP

T. M. Waterland
T. M. Waterland,
MINISTER.

FILED BY
 X REFERENCE
 DRAWER NO.
 TITLE

DEPT. OF MINES AND PETROLEUM RESOURCES	
Rec'd AUG 18 1976	
SUBJECT.....	
FILE.....	
VANCOUVER, B. C.	

JWP.

MEMORANDUM	
DEPT. OF MINES AND PETROLEUM RESOURCES	
TO	Rec'd AUG 11 1976
INSPECTION BRANCH.	<i>[Signature]</i>

TO Mr. J. W. Peck,
Chief Inspector,

MINISTER OF MINES
AND PETROLEUM RESOURCES
PROVINCE OF BRITISH COLUMBIA

INSPECTION BRANCH.

VICTORIA, B.C., August 5, 1976.

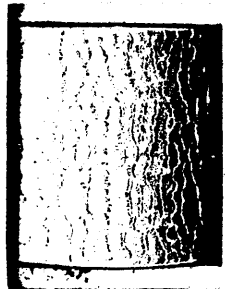
File No: 44.1

Further to our conversation last week regarding the Texada Fatality, will you or Mr. Merritt please visit Texada Mines and review safety practices, etc., currently employed with particular emphasis on training and mechanical maintenance of mining equipment and report back in writing.

*Get
you comment to job*

[Signature]
T. M. Waterland,
MINISTER.

TITLE
DRAWER NO
X REFERENCE
FILED BY



August 20, 1976.

Mr. J. W. Robinson, P. Eng.,
Inspector of Mines and
Resident Engineer,
Dept. Mines and Petroleum Resources,
2747 East Hastings St.,
Vancouver, B. C.

Dear Sir:

This will acknowledge the receipt of your letter of August 12th re complaint of Mr. Alex Seradin of Texada Automotive Works that child labor is being used at Texada Mine.

A copy of this letter has been forwarded to the Minister.

Yours very truly,

J. W. Peck, P. Eng.,
Chief Inspector of Mines.

JWP/tr



THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF MINES AND PETROLEUM RESOURCES

August 12, 1976

WHEN REPLYING PLEASE REFER TO DEPT. OF MINES AND PETROLEUM RESOURCES		
Rec'd AUG 19 1976		
		<i>[Signature]</i>
	<i>[Signature]</i>	

Mr. J. W. Peck, P. Eng.
Chief Inspector of Mines
Dept. of Mines & Petroleum Resources
1837 Fort Street
Victoria, B. C. V8R 1J6

Dear Sir:

Re: Complaint from Mr. Alex Seradin of Texada Automotive Works that "child labor is being used at Texada Mine to perform jobs that can only be performed by an adult."

The complaint of Mr. Alex Seradin of Texada Automotive Works that child labor is being used at Texada Mine was investigated on Thursday August 12, 1976. The complaint was found to be false.

The investigation revealed that Section 17 (2) of the Mines Regulation Act is being fully complied with. It was found that no person under the age of eighteen years is employed below ground in the mine or at the working face of the open-pit mine.

Employment practises throughout the rest of the operation are also very commendable. As everyone knows, it is difficult for anyone below the age of 18 to obtain employment but very necessary for most students to have the opportunity to obtain a summer job. There were no employees below the school leaving age of 16. There are no permanent employees below the age of 18. There are eight summer student employees who are between 16 and 18 years. These are all local youths and their fathers are company employees. The youths are all employed at jobs where they would have maximum supervision.

A list of these employees and their job classifications is as follows:

<u>Payroll Number</u>	<u>Name</u>	<u>Present Age</u>	<u>Date of Birth</u>	<u>Job Classification</u>
1,980	R. A. Diggon	17	Apr 12/59	Shop Labourer
1,981	D. Rozak	16	Aug. 14/59	Warehouseman Helper
1,985	P. Bedard	17	Apr. 23/59	Shop Labourer
20,015	K. Diker	17	Jan. 8/59	Mill Labourer
20,016	B. Kerniftoff	16	Jan. 15/60	Surface Labourer
20,017	J. Pedneault	16	Mar. 22/60	Electrician's Helper
20,018	M. Pancich	16	Oct. 17/59	Warehouseman Helper
3,022	L. Brow	16	Sept. 11/59	Dry Man

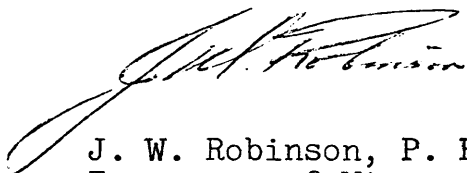
copy for Minister

Mr. J. W. Peck, P. Eng.

August 12, 1976

All of these job classifications are for work where the student employee should be working with a competent and experienced employee.

Yours very truly,

A handwritten signature in cursive script, appearing to read "J. W. Robinson". The signature is written in dark ink and is positioned above the typed name.

J. W. Robinson, P. Eng.
Inspector of Mines and
Resident Engineer

JWR:jg

August 16, 1976.

The Hon. T. M. Waterland,
Minister,
Dept. Mines and Petroleum Resources,
Parliament Buildings,
Victoria, B. C.

Dear Sir:

Re: Texada Mines

I am returning Mr. Seredin's letter with a proposed answer for your signature.

Also enclosed are copies of the correspondence in respect to the exemption for roll-over protection. The giving of the exemption wears very heavily on me as I believe Mr. Vickery might not have been killed if his vehicle had Roll-over Protection Structures. The accident happened because the driver tried to make a very sharp turn at too high a speed but nevertheless this does not lessen my responsibility. The inquest will be held late in September. In the meantime, I have ordered the manager to install ROPS on all the personnel carriers even if these ROPS are manufactured locally because approved ROPS are not available from the manufacturer of the older equipment. (There would be a violation of General Rule 277(a) as this will not be by S.A.E. standards).

I have been in touch with Mr. Robinson and he informs me he has checked the payroll records at Texada and finds it is a practice to give summer employment to the sons of persons working at the mine. There are none under the age of 18 working underground but there are six to eight persons age 16 working on the surface. They are doing such jobs as electrician's helper, shop labourer, warehouse helper, mill labourer, and surface labourer.

Texada has been a very safe mine but any mine in the closing-out stage gets short of competent men. For six years in a row the mine had the lowest accident rate in British Columbia, and for three of these years had the lowest in Canada (Ryan Safety Trophies).

The Hon. T. M. Waterland

August 16, 1976

A copy of the accident report describing the Robert fatality is also enclosed.

Yours very truly,

J. W. Peck, P. Eng.,
Chief Inspector of Mines.

JWP/tr

Encl.

c.c. - Dr. James T. Fyles

- Mr. J. W. Robinson

TEXADA AUTOMOTIVE

MECHANICAL & BODY REPAIRS — TOWING — BOAT GAS

Hon. Minister Of Mines
Victoria B.C.

July 27 76
Alexander Seređin

BOX 76

Shelter Point Road

GILLIES BAY, B.C.

Dear Sir,

About three Months ago I was a member of the coroner's jury Inquiring into the death of 20 year old Marcel Robert, who was killed in the mine shaft of Texada Mines. I must say that I was disgusted by complete disregard for safety by your inspectors, they approved the mine inspite of the fact that:

- a) The tunnels are too narrow and far too low for the type of machinery used.
- b) The machinery does not have roll bars and safety cages to protect the operator.
- c) The mine is using untrained personnel to perform skilled labour
- d) At the moment of writing this letter the mine is using CHILD LABOUR, 16-17 year old children in performance a job which can only be performed by adults, considering the highly dangerous nature of work
- e) There is presence of some gas, several people in the last couple of years have died of "heart attacks", all of the dead worked underground, none on top of the ground had any heart attacks.

Today Sir another young fellow was killed this man was a student on summer job his name was Vickery and it appears that the accident occurred only because he had no restraint or a roll bar, just like Marcel Robert's case.

I am now convinced that your Department only considers what is good for corporations and cares not an iota for worker or this province and when the Corporations order your inspectors to jump, they only ask; How High?...

This also goes for all the Departments of this Government (for which I voted incidently). Thanks to you Texada Island is going to look like Hiroshima before long.

Sincerely Yours, -

Alex Seređin
Alex Seređin

MINISTER'S OFFICE
RECEIVED

AUG 5 1976

PARLIAMENT BUILDINGS
VICTORIA, B.C.



VICTORIA

V8V 452

August 16, 1976.

Mr. Alexander Seregin,
Texada Automotive,
Box 76,
Shelter Point Road,
Gillies Bay, B. C.

Dear Sir:

Thank you for your letter of July 27 re safety conditions at Texada Mines Ltd. As Minister of Mines and many years as an Inspector of Mines I am always pleased to receive advice on how to lower the accident rate at mines.

I understand you were a member of the coroner's jury enquiring into the death of Marcel Robert and thus would be aware he was thrown out of the vehicle and run over by same. The jury recommended there be a restraining device (such as a seat belt). Roll-over protection was not a factor in this accident.

Roll-over protection is required by General Rule 277 of the Mines Regulation Act for all new equipment. This rule was mainly for surface equipment but in 1975 it was made mandatory for underground mines. For older mines this was impractical as mines like Texada were engineered in 1965-67 with the equipment in use today suitable for the low overhead clearance. In 1976 the Chief Inspector exempted the mine from the use of ROPS mainly because the mine intends to close shortly and to increase the clearances before then would not be practical.

The use of untrained personnel to operate any equipment or vehicle is not permitted as per General Rule 263(a) of the Mines Regulation Act. You will recall that Robert was being trained to operate a Teletram but disregarded instructions and operated the vehicle on his own. In the case of Vickery, the recent fatality, he had been fully trained for two months and had been operating for one month on his own. Roll-over protection might have saved his life but this has not been fully determined.

Mr. Alexander Seredin

August 16, 1976

We are aware of a few heart attacks on Texada Island but they have not all been underground. In all cases the doctor has not given the occupation or situation as the cause. Our Inspectors have always checked out conditions such as mine gases in the case of heart attacks and in 1973 prosecuted Texada for poor ventilation. The company officials were acquitted.

We know of no "child labour" working at Texada but persons over school-leaving age (16) can do summer work in non-hazardous areas. Our Inspector has checked out this point you raised and he reports none of the jobs they are doing need to be done by adults because of any dangers involved.

Yours very truly,

T. M. Waterland
MINISTER

blind c.c. - Mr. J. W. Robinson
- Dr. J. T. Fyles

February 18, 1976.

Mr. Don Lockstead,
M.L.A. Mackenzie
Parliament Buildings,
Victoria, B.C.

Dear Mr. Lockstead:

Further to our telephone conversation of yesterday I can advise we do have on file the report of the mine superintendent, H. Shuttleworth, of Texada Mines Ltd., in respect to the fatal accident to Marcel Robert, Feb. 6, 1976. No report by Fred Raleigh, the safety supervisor, was received here. If you wish a copy of Mr. Shuttleworth's report, I am sure the company would release same if you advise I have no objection.

Our Inspector, J.W. Robinson, has not yet filed his report. He is continuing his investigation but is awaiting the findings of the inquest which is to be held at Powell River on March 18, 1976. There was an autopsy on February 12th which revealed Mr. Robert died of internal hemorrhage from bleeding caused by a rib puncturing a lung.

Mr. Robinson made only one official inspection of the Texada mine involving all works in 1975. This was on November 19 and 20 but no report was forwarded because of the mail strike although there was communication by personal contact and telephone in respect to any unsatisfactory condition. There were several visits by Mr. Robinson in 1975 such as to give blasting exams, supervise mine rescue courses, and to investigate a heart attack. During such visits the Inspector is always available to investigate any unsafe conditions reported to him. Also specialist inspectors such as ventilation, noise, and electrical, visited Texada a total of three times in 1975 and these inspectors always notify the district inspector if they observe any violations of the Mines Regulation Act.

Yours very truly,

JWP:ln

J.W. Peck, P.Eng.
Chief Inspector of Mines.

cc: J.W. Robinson

Dr. J.T. Fyles
Blind cc: T.M. Waterland

April 6, 1976

Mr. A. M. Walker
Vice President & Mine Manager
Texada Mines Ltd.
P. O. Box 10
Gillies Bay, B.C.

Dear Sir:

Re: Roll-over Protective Structures

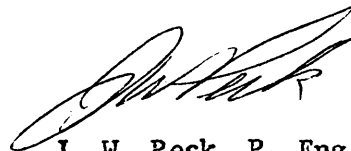
I have your letter of March 30 which is a request for exemption from use of roll-over protection for your underground vehicles.

I agree that the use of R.O.P.S. would not be practical in many areas of your mine where the clearance is minimal. Also, it is noted your equipment is old and R.O.P.S. kits are not available.

I hereby grant exemption from use of R.O.P.S. as per the following:

- 1) No protection is indicated from your past nine years of operating;
- 2) Exemption is limited to the end of 1976;
- 3) Exemption is on the understanding that, when the equipment is sold, the buyer be notified it would not be acceptable for use at any mine in British Columbia.

Yours very truly,



J. W. Peck, P. Eng.
Chief Inspector of Mines

JWP:lr

c.c. J. W. Robinson
L. A. Deraps

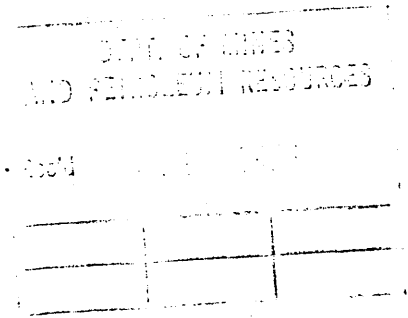


TELEPHONE: 682-1010
 AREA CODE 604 (VANCOUVER)
 CABLE ADDRESS "TEXAMINE"
 (VANCOUVER, B.C.)
 TWX - 610 - 934 - 3004

TEXADA MINES LTD.

P.O. BOX 10, GILLIES BAY, B.C., CANADA

March 30th, 1976



Mr. J. W. Peck
 Chief Inspector of Mines
 Department of Mines &
 Petroleum Resources
 Victoria, B. C.
 V8V 1X4

Dear Sir:

RE: Roll Over Protection Structures
- Texada Mines Ltd.

I believe that your Inspection Department is well aware that this operation is rapidly approaching the exhaustion of its ore reserves, in fact we are hoping, at the best, to continue production for the remainder of 1976, but it might be as early as June, 1976.

The mobile equipment in service here, in many cases, is unique and rapidly becoming obsolete; however mine planning and layouts engineered in 1965-67 was admirably designed for the specific use of this equipment, particularly underground.

R.O.P.S., if installed on most of this equipment at this stage of our mining operations, would prohibit their use in many critical production areas of the mine, because of overhead clearance restrictions, which would impose a very serious safety hazard.

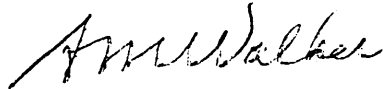
The entire problem has been given very careful study by our staff, and we have concluded that it will be necessary to request exemption from this rule covering, in particular the following units: list attached.

We have discovered that no R.O.P.S. kits are available for the Transloaders, Teletrams, Service Vehicles, Graders or the old converted Army Jeeps: therefore, even if it were practical to custom manufacture suitable protection it would be a major undertaking especially since none of the frame structure on these units were designed to handle R.O.P.S., and in our cost estimates the cost of providing the R.O.P.S. would far exceed the value of the machine.

I would point out that in nine years of production using rubber tired equipment, we have never had one instance where any unit has ever come close to overturning and I feel that our safety record speaks for itself.

Yours very truly,

TEXADA MINES LTD.

A handwritten signature in cursive script, appearing to read "A. M. Walker".

A. M. WALKER
Vice President &
Mine Manager

AMW/ms
Encls.

cc: J. W. Robinson, P.Eng.



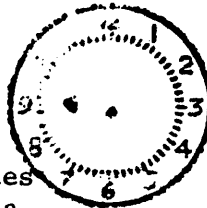
INLAND CEMENT INDUSTRIES LIMITED

P.O. Box 2555
EDMONTON, ALBERTA
T5J 2T1

TELEPHONE
432-0231
AREA CODE 403

December 10, 1976

DEC 15 '76 AM



Mr. James T. Fyles
Deputy Minister
Mines and Petroleum Resources
Province of British Columbia
Victoria, B.C.
V8 X4

DEPT. OF MINES
AND PETROLEUM RESOURCES

REFERRED TO	DATE	INITIAL
C.G.C.	16/12/76	JTF
D.C.G.C.		
G.C.	16/12	
JTF		
FILE NO.		
FILING CLERK		

~~12278~~

Dear Mr. Fyles:

Thank you for your letter of December 7, 1976, re: Texada Mines Ltd.
We appreciate your prompt reply.

We will not be proceeding on these properties at this time, but
we will notify you if we require any further information.

Thank you.

Yours very truly,

T. W. Fox
Development Associate

WTF:ja

DEPUTY MINISTER OF MINES
& PETROLEUM RESOURCES

REC'D DEC 13 '76
JTF 2627

REFERRED TO	DATE	INITIAL
CCTS		
A. D. M.		
A. D. P.		
M. R.		
E. & P.		
A. D.		
EJB		
FILE	11 Texada	

Thankas
Tony.

December 8th 1976

Mr. A. M. Walker,
Vice President and Mine Manager,
Texada Mines Ltd.,
Box 10,
Gillies Bay,
TEXADA ISLAND, B.C.

41 (Texada)

Dear Arnold:

Further to my letter of November 1st I wish to thank you for the open reception given recently to Dr. G.E.P. Eastwood and Mr. J.W. Robinson and for the data on the Texada mine passed on to them. It will form part of the permanent record on the mineral resources of the Province held within this Ministry.

We are sorry that the mine is closing but wish to take this opportunity to commend you, your staff, and the company for the aggressive approach you have taken over the years in searching for and mining the ore contained in the deposit, and for your long record of safety in carrying out the work. I hope that the closing of the mine and the unfortunate accidents of the last year will not blur the fact that this has been a well run and successful operation of benefit to British Columbia and particularly the local people.

Yours sincerely,

JAMES T. FYLES
Deputy Minister

JTF:bg

c.c. Hon. J. R. Chabot
A. Sutherland Brown
J. W. Peck

DEPARTMENT OF MINES AND PETROLEUM RESOURCES

Date:

2/12/76

From:

ASB

To:

JTFyles DM

INSTRUCTIONS

- | | |
|---|--|
| <input type="checkbox"/> For your approval. | <input type="checkbox"/> Prepare reply for my signature. |
| <input type="checkbox"/> For your information. | <input type="checkbox"/> Prepare draft of reply. |
| <input checked="" type="checkbox"/> For necessary action. | <input type="checkbox"/> Return to me. |
| <input type="checkbox"/> Send me copy of reply. | <input type="checkbox"/> Return to file. |
| <input type="checkbox"/> For your comments. | <input type="checkbox"/> For signature. |
| <input type="checkbox"/> Wish to discuss. | |

REMARKS:

A possible letter
the Minister may
want to send.

Draft

M
Mr. Arnold Walker
Manager
Texada Mines.
Box 10 Gillis Bay
Texada Island.

Dear Mr. Walker:

I would like to thank you for
your the ^{abundant information} good reception you gave
Dr. Eastwood. It will be a sad day
for Texada Mines, Texada Island and the
Province when the mine closes.
Nevertheless the Department of Mines
would like to commend you & your
staff and the company for the aggressive
approach you have shown in searching
for lead mining the ore contained
in the deposit. My staff tell me
a very thorough job has been
done.

Minister

MEMORANDUM FROM W. W. Ross, Director
 MINERAL REVENUE DIVISION
 TO Dr. J. T. Fyles,
 Deputy Minister



*Inland account - P.O. Box 2555
 at Bill Fax. Edmuntsville T552T1*

DATE.....
 December 3, 1976
 File: DL-5

RE: TEXADA MINES Ltd.

Referring to your telex to me of Dec 2 as listed

The properties listed from the "SE $\frac{1}{4}$ " of Section 1 to "Lot 182, "Cameron" mineral claim inclusive represents the former "Texada Production Tract" under Folio 96652 (1041.94 acres). The taxes are paid under the Mineral Land Tax Act, a copy of which is attached.

The properties from Lot 580 "Lime" to "Lime No. 20" inclusive and Noex Fr. M.C. and Val Fr. M.C. will be the subject to information being provided by the Victoria Mining Recorders office (Tony Mitchell).

The five foreshore leases are administered by the Land Management Branch of the Ministry of the Environment. The information which we have obtained is as follows:

1. The taxes levied under the Taxation Act are paid according to the records of the Surveyor of Taxes.
2. All lease rentals are paid and the leases are in good standing.

*Insert Dec 3 1976 FAHM
 we need have copies of funds for a transfer of lease*

DEPUTY MINISTER OF MINES & PETROLEUM RESOURCES
 REC'D DEC 3 '76 2547

W. W. Ross
 W. W. Ross, Director,
 MINERAL REVENUE DIVISION

REFERRED TO	DATE	INITIALS
ACCTS		
A. D. M.		
A. D. P.		
M. R.		
E. & P.		
A. D.		
FILE	41 (Texada)	

MEMORANDUM FROM E.A.H. Mitchell,
Gold Commissioner.
TO Dr. J. T. Fyles,
Deputy Minister,
Mines and Petroleum Resources.


THE DEPARTMENT OF
MINES AND PETROLEUM RESOURCES
PARLIAMENT BUILDINGS, VICTORIA, BRITISH COLUMBIA V8V 1X4

DATE Dec. 3, 1976.

In respect to Inland Ex's telexed request the following is the information on mineral claims and leases held under the Mineral Act.

According to the records in this office at this date the claims and leases are in good standing as indicated. All claims and leases are located in the Nanaimo Mining Division.

Mineral Lease M. 10 - Lot 189 Aladin - rent paid to March 12th, 1977 - 1977-78 rent \$102.00

B-40894 (13322 June) - work and rent recorded to June 24th, 1985.

B 40878-79 (13297-98 June) - work and rent recorded to June 17th, 1985.

Lime & Lime #1 Fr. (13933-34 July) - work and rent recorded to July 13th, 1985.

Lime 10-11 Fr. (14518-19 June) - work and rent recorded to June 13th, 1985.

Lime 12 Fr. (14524 July) - work and rent recorded to July 14th, 1985.

Lime 13-15 Fr. (14585-87 Nov.) - work and rent recorded to November 24th, 1985.

Lime 18 & 20 (17284 & 86 May) - work and rent recorded to May 7th, 1985.

TML 3 (14306 May) - work and rent recorded to May 15th, 1980.

TML 6 Fr. (15326 Apr.) - work and rent recorded to April 17th, 1980.

TML 7-12 (15596-601 Jan.) - work and rent recorded to January 17th, 1980.

TML 15 Fr. (15604 Jan.) - work and rent recorded to January 17th, 1980.

TML 20 Fr. (15688 APR) - work and rent recorded to April 17th 1985 +

TML 30 (15922 Sept.) - work and rent recorded to September 13th, 1980.

TML 33-34 (15997-98 Oct.) - work and rent recorded to October 4th, 1980.

TML 35 (16006 Oct.) - work and rent recorded to October 10th, 1980.

TML 36-43 (16124-31 Dec.) - work and rent recorded to December 6th, 1985.

Noex (37437 Mar.) - work and rent recorded to March 4th, 1985.

Val (37436 Mar.) - work and rent recorded to March 4th, 1985.

TML 26 (15918) - forfeited September 13th, 1975.

TML 27 (15919) - forfeited September 13th, 1975.

TML 31 (15923) - forfeited September 13th, 1975.

The following mineral claims are held by Texada Mines but were omitted from Inland's telex.

Lime 16 Fr. (14588 Nov.) - work and rent recorded to November 24th, 1985.

TML 13-14 (15602-03 Jan.) - work and rent recorded to January 17th, 1985.

TML 16 Fr. (15605 Jan) - work and rent recorded to January 17th, 1980.

TML 17-18 (15606-07 Jan.) - work and rent recorded to January 17th, 1985.

TML 19 (15608 Jan.) - work and rent recorded to January 25th, 1985.

✓ TML 20 Fr. (15688 Apr.) - work and rent recorded to April 17th, 1985.

TML 32 (16005 Oct.) - work and rent recorded to October 10th, 1980.

all claims^{bases} recorded in name of Texada Mines Ltd.

E.A.H. Mitchell,
Gold Commissioner.

GL*bc

DEPUTY MINISTER OF MINES
& PETROLEUM RESOURCES

REC'D FEB 3 1985 2545

REFERRED	TO	DATE	EX. NO.
ACCTS			
A. D. M.			
A. D. P.			
M. R.			
E. & P.			
A. D.			
FILE	H. Texada		

025

*INLAND cement
Edmonton*

008813

TRANSPORT &
COMMUNICATIONS

BC GOVT VIC

DEC 2 14 31 '76

INLAND EX EDM

DEC 2/76 EX 04

MESSAGE CENTRE

3038

DEPT. OF MINES AND PETROLEUM RESOURCES MINERAL REVENUE DIVISION		
Rec'd	DEC 2 1976	

J T FYLES
DEPT OF MINES
VICTORIA, B.C.

THE FOLLOWING IS A LIST OF PROPERTIES, LEASES, CLAIMS ETC.
GIVEN TO US BY TEXADA MINES LTD. WOULD YOU PLEASE HAVE THEM
CHECKED WITH REGARD TO CURRENT STATUS AND ANNUAL FEES. IF
FURTHER SEARCHES ARE REQUIRED PLEASE CONTACT.

- ✓ SE 1/4 SECTION 1
- ✓ SW 1/4 SECTION 2
- ✓ SE 1/4 SECTION 2
- ✓ SW 1/4 SECTION 3
- ✓ NW 1/4 SECTION 4
- ✓ FR. NE 1/4 SECTION 4
- ✓ FR. SE 1/4 SECTION 4
- ✓ LOT 52 NW 1/4 SECTION 3
- ✓ 53 EAST GATE
- ✓ 234 GOODALL
- ✓ 264 LEROI
- ✓ 265 BOULDER NEST
- ✓ 266 JACK NORTH
- ✓ 267 YELLOW KID
- ✓ 268 LMC
- ✓ 182 CAMERON

Texada Island

DEPUTY MINISTER OF MINES
& PETROLEUM RESOURCES

REC'D DEC 2 '76 2538

REFERRED	TO	DATE	INITIALS
ACCTS			
A. D. M.			
A. D. P.			
M. R.			
E. & P.			
A. D.			

FILE *41 (Texada)*

*Parcel 271
Jolio 96652
Formerly "Texada
Production Tract"
In good standing
1041.94 acres*

- 580 LIME } *1985*
- 581 LIME FR. }
- 584 B-40894 } *Work sent to 1985*
- 585 B-40879 }
- 586 B-40878 }

- LIME NO. 10 FR. M C } *June 13 1985*
- NO. 11 FR. M C }

ALLADIN M C LOT 189 *Mined Lease M10*

T.M.L. NO. 3 FR. - *1980*

LIME NO. 12 FR. M C *1985*

LIME NO. 13 FR. M C }

LIME NO. 14 M C } *1985*

NO. 15 M C }

T.M.L. NO. 6 FR. } *1980*

NO. 7 FR. M C }

NO. 8 FR. M C }

NO. 9 FR. M C }

NO. 10 FR. M C }

NO. 11 M.C. } *1985*

NO. 12 FR. M C }

NO. 15 FR. M C *1980*

TAG NO.

- T.M.L. NO. 20 FR. M C *1985*
- NO. 26 M C - *forfeited Sept 13/75*
- NO. 27 M C - *" Sept 13/75* 450619
- NO. 30 M C *OK 1980* 450622
- NO. 31 M C - *forfeited 13/75* 450623
- NO. 32 . : *1980* 450624
- NO. 33 M C *1980* 450633
- NO. 36 M C } 450626
- NO. 37 M C } 450627
- NO. 38 M C } 450628
- NO. 39 M C } *1985* 450629
- NO. 40 M C } 450630
- NO. 41 FR. M C 450631
- NO. 42 FR. M C X 450616
- NO. 43 FR. M C X 450615
- LIME NO. 18 } *1985* 417660
- LIME NO. 20 } 417663

- FORESHORE LEASE - LOT 575
- FORESHORE LEASE - LOT 601
- FORESHORE LEASE - LOT 606
- FORESHORE LEASE - LOT 612
- FORESHORE LEASE - LOT 614
- NOEX FR. - M C X *1985*
- VAL FR. - M C

*Land management Quash D & E.
Taxes paid and lease Rentals
paid*

MR BILL FOX
TELEPHONE: (403) 432-0231
TELEX: 037-3304

INLAND EX EDM
BC GOVT VIC

96652

December 7th, 1976.

Inland Cement,
P. O. Box 2555,
Edmonton, Alberta.
T5J 2T1

Attention: Bill Fox

Dear Sir:

Re: Texada Mines Ltd.

Referring to your telex to me of December 2nd as listed the properties from "SE $\frac{1}{4}$ of Section 1" to "Lot 182, Cameron" mineral claim inclusive represent the former "Texada Production Tract" under Folio 96652 (1041.94 acres). The taxes are paid under the Mineral Land Tax Act, a copy of which is attached.

According to the records in this office at this date the claims and leases in good standing in the name of Texada Mines Ltd. are as indicated below. All claims and leases are in the Nanaimo Mining Division.

Mineral Lease M. 10 - Lot 189 Aladin - rent paid to March 12th, 1977
- 1977-78 rent \$102.00.

B 40894 (13322 June) - work and rent recorded to June 24th, 1985.

B 40878-79 (13297-98 June) - work and rent recorded to June 17th,
1985.

Lime & Lime #1 Fr. (13933-34 July) - work and rent recorded to July
13th, 1985.

Lime 10-11 Fr. (14518-19 June) - work and rent recorded to June 13th,
1985.

Lime 12 Fr. (14524 July) - work and rent recorded to July 14th, 1985.

Lime 13-15 Fr. (14585-87 Nov.) - work and rent recorded to November
24th, 1985.

Lime 18 & 20 (17284 & 86 May) - work and rent recorded to May 7th,
1985.

....2

TML 3 (14306 May) - work and rent recorded to May 15th, 1980.
TML 6 Fr. (15326 Apr.) - work and rent recorded to April 17th, 1980.
TML 7-12 (15596-601 Jan.) - work and rent recorded to January 17th,
1980.
TML 15 Fr. (15604 Jan.) - work and rent recorded to January 17th,
1980.
TML 20 Fr. (15688 Apr.) - work and rent recorded to April 17th, 1985.
TML 30 (15922 Sept.) - work and rent recorded to September 13th, 1980.
TML 33-34 (15997-98 Oct.) - work and rent recorded to October 4th,
1980.
TML 35 (16006 Oct.) - work and rent recorded to October 10th, 1980.
TML 36-43 (16124-31 Dec.) - work and rent recorded to December 6th,
1985.
Noex (37437 Mar.) - work and rent recorded to March 4th, 1985.
Val (37436 Mar.) - work and rent recorded to March 4th, 1985.
TML 26-27 (15918-19) - forfeited September 13th, 1975.
TML 31 (15923) - forfeited September 13th, 1975.

The five foreshore leases are administered by the Land Management Branch of the Ministry of the Environment. The information which we have obtained is as follows.

1. The taxes levied under the Taxation Act are paid according to the records of the Surveyor of Taxes.
2. All lease rentals are paid and the leases are in good standing.

Yours very truly,

James T. Fyles,
Deputy Minister.

Encl:

DEPUTY MINISTER OF MINES
& PETROLEUM RESOURCES

MINISTER OF MINES AND PETROLEUM RESOURCES

REC'D 11/12/76 2389

REFERRED TO	DATE	INITIALS
COCTS		
A. D. M.		
A. D. P.		
E. R.		
E. & P.		
A. D.		

VICTORIA

V8V 1X4

November 9, 1976.

File No: 44.1

FILE

H. Texada

Mr. A. M. Walker, P.Eng.,
Vice President & Mine Manager,
Texada Mines Ltd.,
P.O. Box 10,
GILLIES BAY, B.C.

Dear Mr. Walker:

Your letter dated October 7th, which was addressed to the Honourable Tom Waterland, has been re-directed to me, as the Mines and Petroleum Resources Portfolio became my responsibility as of October 29, 1976.

I was indeed sorry to hear so soon in my assumption of the Mines Ministry that one of British Columbia's long-established and successfully operated large mines is closing down; one of our only two large producing iron ore mines, at that. The closure of your mine will be a sad event in the history of British Columbia's proud acclaim for its efficiency of mining methods and mine safety, for Texada Mines has been a well known example of such high standards.

I feel certain that you have done all you can to prolong the life of your mine. Exhaustion of ore reserves is only partially alleviated by improved market prices or reduced production costs, neither of which seem to be probable for the immediate future of Texada Mines.

I understand that our Chief Inspector of Mines has been in communication with you regarding the formalities of mine closure.

One of my main concerns is the employment and relocation of your workforce. Will you please advise me of any problems arising in this regard.

Copies of your letter have been forwarded to my colleagues, the Honourable Alan Williams, Minister of Labour, and the Honourable Don Phillips, Minister of Economic Development. Please convey my regrets to your staff and workforce, and the mine owners.

Yours sincerely,



James R. Chabot,
MINISTER.

cc: Honourable A. Williams,
Minister of Labour.

Honourable D. Phillips,
Minister of Economic Development.

Silent copies to: Dr. J. T. Fyles,
Deputy Minister.
and Mr. J.W. Peck,
Chief Inspector of Mines.



COPY

November 4th, 1976

RE: TEXADA MINES CLOSURE

48	mine
29	mill
34	staff
<u>160</u>	Total

There is a five man committee working to arrange for jobs on an individual basis.

Committee is composed of Mr. Walker, Manager.
Mr. Morvald, Comptroller.
plus Union members.

They are in contact with other mines and try to place personnel on an individual basis.

December 17th, 1976 is termination date.

DEPUTY MINISTER OF MINES & PETROLEUM RESOURCES			
2360			
REC'D NOV 9 '76			
<i>J.J.F.</i>			
REFERRED TO	TO	DATE	INITIAL
ACCTS			
A. D. M.			
A. D. P.			
M. R.			
E. & P.			
A. D.			
FILE	<i>H Texada</i>		

cc: J. T. Fyles.

Nov 4-76

Have discussed with [unclear] of Labour + he advises will contact manpower + his office to offer assistance to displaced workers.

[Signature]

November 1, 1976

Mr. A. M. Walker, P. Eng.,
Vice-President and Mine Manager,
Texada Mines Ltd.,
Gillies Bay,
Vananda, B. C.

Dear Arnold:

I was sorry to learn through your letter of October 7 to Tom Waterland that the Texada Mine will finally terminate operations in December. The mine has had a long and productive life and its contribution to the economy of the province over the past 25 years has been significant.

As you are aware, when a mine closes, the filing of personal records and mine plans is required under the Mines Regulation Act. In addition we would like to obtain as much technical data as possible for our records. We are interested in obtaining and compiling geological and engineering data not already in our files as part of the historical record.

I recognize that you will have a large volume of data at hand and in order to facilitate the collection and duplicating of relevant data for departmental purposes I have asked Mr. J. W. Robinson, Inspector and Dr. G.E.P. Eastwood, Geologist, to visit the mine soon. I trust that they will be given your permission to work with the data ^{and} records in order to compile as complete and meaningful a file as possible with a minimum of time and effort.

Yours very truly,

James T. Fyles,
Deputy Minister.

JTF:DB

copy to: Mr. J. W. Robinson
and Dr. G.E.P. Eastwood

Recd

October 25, 1976

Mr. A.M. Walker, P. Eng.,
Vice-President and Mine Manager,
Texada Mines Ltd.,
Gillies Bay,
VANANDA, B.C.

Dear Sir:

Thank you for your notice that the Texada Mine will be terminated on December 17, 1976. It is most regrettable that the mine is closing after such a long and successful operation.

In addition to the personnel records and the mine plans required by the Mines Regulation Act, we would like to obtain from you as much technical data as possible for our records. We will come up to Texada to see you as soon as possible. Meanwhile, we would like to request a copy of your map of the surface, showing the depth and direction of all surface diamond drill holes. We would also request that the plan of each level of the mine should show the depth and direction of each diamond drill hole.

A copy of each of the diamond drill hole logs would certainly be of great value. Maps of the geology of the Texada Mine and surrounding area would be a valuable asset to the permanent records of the Department of Mines.

Your favourable consideration of these requests would be appreciated.

Yours very truly,

James T. Fyles,
Deputy Minister of Mines.



TELEPHONE: 682-1010
 AREA CODE 604 (VANCOUVER)
 CABLE ADDRESS "TEXAMINE"
 (VANCOUVER, B.C.)
 TWX - 610-994-9006

TEXADA MINES LTD.

P.O. BOX 10, GILLIES BAY, B.C., CANADA

October 7, 1976

MINISTER'S OFFICE
 RECEIVED
 OCT 13 1976
 PARLIAMENT BUILDINGS
 VICTORIA, B.C.

Hon. T. M. Waterland, P.Eng.,
 Minister of Mines & Petroleum Resources,
 Department of Mines & Petroleum Resources,
 Parliament Buildings,
 Victoria, B. C.

Dear Sir:

I wish to advise you that; as a result of the exhaustion of our ore reserves, unfavourable world markets for our magnetite ores, continually rising production costs and other economic cost factors; production operations on this property will be finally terminated on or about December 17, 1976.

After almost 25 years of continuous and successful operations at this mine, it is with very sincere regret that I must make this announcement.

We are making every effort in co-operation with Canada Manpower and our Manpower Adjustment Committee to provide our employees with every assistance and advice in obtaining alternate employment and relocation where possible.

With regard to our Permit #66 Authorizing Surface Work issued December 9, 1971, we expect to honour all our obligations as prescribed by the Chief Inspector of Mines and detailed in our Reclamation Programme October 12, 1971.

Yours very truly,
 TEXADA MINES LTD.

DEPUTY MINISTER OF MINES
 & PETROLEUM RESOURCES

A.M. Walker 2140
 10/14/76

A. M. WALKER, P.Eng.
 Vice President &
 Mine Manager.

INITIALS	TO	DATE	INITIALS
CTS			
D. M.			
D. P.			
R.			
& P.			
D.			

AMW/ms

cc: *A. J. T. Tyles*
J. W. Peck

FILE 41 Texada

DRAFT

Mr. A.M. Walker, P. Eng.
Vice President and Mine Manager
Texada Mines Ltd.
P.O. Box 10, Gillies Bay, B.C.

Oct. - /76

Dear Sir.

I would like to thank you for
your notification
letter of Oct. 7/76

On behalf of this department, ~~I would~~
~~like to~~ ^{and} acknowledge the major contribution that
Texada Mines has made to the economy of ~~this~~
the province over the past 25 years. It is also
with sincere regret that we record the
inevitable depletion of another major mineral
~~resource. resource. deposit.~~

With respect to our role as a depository
of ~~mineral~~ ~~ress~~ mineral resource data, we
would be interested in collecting and compiling
any additional technical information, not already
in our files, for the historical record. To this
end, we would be ~~willing to~~ interested in
having ~~our~~ Mr. J. Robinson of our Inspection
Division and Dr. P. Eastwood of our Geological
Division ~~to~~ discuss the acquisition of such
information with you in the near future. With
your permission, relevant data could be
duplicated for our files, or material no
longer useful to you could be collected
and evaluated by our Inventory staff.

If this suggestion is acceptable, we
would be pleased to set up the initial discussion
at your earliest convenience.

JTF. (cop. DM's)

(I hate writing other peoples letters. Please
show me how it should have been written from
your point of view -)
Jack

The Hon. T. M. Waterland,
Minister of Mines and
Petroleum Resources,
BUILDINGS

May 12th

76

At the Mine Managers' meeting on
May 10th, Arnold Walker told me that Texada Mines would
close within 6 months. There is more than 1 year's
"ore" left, but costs have risen beyond returns.

We should discuss the matter with him as
soon as possible to see if there is some way the "last
ounce" of "ore" can be recovered.

JAMES T. FYLES
Deputy Minister

JTF:bg

MEMORANDUM

File

TO J. S. Poyen
Director
Economics & Planning Division

FROM THE

DEPARTMENT OF MINES
AND PETROLEUM RESOURCES

VICTORIA, B.C., May 16, 1974

WHEN REPLYING PLEASE REFER
TO FILE No.....

SUBJECT: TEXADA MINES

1. The Net Value of one metric ton of ore increases with the increasing price of copper. At a price of 80¢ per pound of copper, the Net Value prior to royalties is \$6.44. The royalty 5% basic, and 50% of excess price, totals 32¢ decreasing the net proceeds to the Company to \$6.12. At \$1.00 per pound of copper the Net Value increases to \$6.67 before and \$6.30 after royalty per ton of ore and at \$1.20 per pound of copper the Net Value increases to \$6.90 before, and \$6.39 after royalties. These data are valid for the 2070 Lake orebody.

2. The royalty is calculated:

5% of Net Value before royalty per ton + 50% of [(Price per Pound of Copper) - (70¢ + Smelting and Refining Charges per Pound of Copper)] x Pounds of Copper in One Ton of Ore).

The smelting charges are 5.7¢ per pound of copper and the refining charges increase with the increasing price of copper from 13.5 at 80¢, to 19.5 of \$1.00, to 25.5 of \$1.20 per pound of copper.

The net proceeds to the Company in tabular form:

2070 LAKE OREBODY

<u>Price of Cu</u>	<u>Net Value/Ton Before Royalty</u>	<u>Basic Royalty 5%</u>	<u>Excess Price Royalty</u>	<u>Net Proceeds to Company</u>
\$.80	\$6.44	32.2	0	\$6.12
\$1.00	\$6.67	33.4	4	\$6.30
\$1.20	\$6.90	34.5	16	\$6.39

LAKE ROOM-AND-PILLAR STOPE

<u>Price of Cu</u>	<u>Net Value/Ton Before Royalty</u>	<u>Basic Royalty 5%</u>	<u>Excess Price Royalty</u>	<u>Net Proceeds to Company</u>
\$.80	\$6.77	33.9	0	\$6.43
\$1.00	\$7.00	35.0	4	\$6.61
\$1.20	\$7.23	36.2	16	\$6.71

3. At a present cost of \$5.65 for the 2070 Lake and \$5.87 for the Lake Room-and-Pillar Stope, both orebodies are profitable. If cost increases through wage rises by 10% of present cost, excluding depreciation or 50¢ for the 2070 Lake and 51¢ for the Lake Room-and-Pillar Stope, profit declines to -3¢ per ton for the 2070 Lake and to 5¢ per ton for the Lake Room-and-Pillar Stope. The profit is calculated at the 80¢ price per pound of copper, for the price of \$1.00 and \$1.20 per pound of copper both orebodies are minable at a profit.

4. The cash flow is in all cases positive and increases from 74¢ per ton of ore at the 80¢ price per pound of copper for the 2070 Lake Orebody to \$1.10 per ton of ore at the \$1.20 price per pound of copper for the Lake Stope.

As long as the cash flow is positive it will be sound for Texada to continue operation. The market value of fixed mining assets is low and, hence, can best be recovered through operation.

5. Texada states that minable reserves total 2,958,000 long tons, enough for 3 years of operation, and that Bill 31 decreases total reserves by 1,308,000 long tons. If the data, as to cost for the 2070 Lake and Lake Room-and-Pillar, as contained in the report by W. C. Robinson and A. Sutherland Brown, are correct to within + 5% and are applicable to the other "uneconomic reserves", the mine life of Texada will still be approximately 3 years.

CONCLUSION

Bill 31 has a detrimental effect on Texada profits, assuming a production rate of 1,000,000 tons per year it will decrease profit from roughly \$320,000 (assuming that the Lake Room-and-Pillar Stope is representative, a 50% income tax rate, and a copper price of \$1.00 per pound of copper) to \$115,000 per year. It will make operation of some stopes marginal. It will have no effect or only a marginal effect on the present minable reserves and mine life since the Company incurs roughly \$770,000 of depreciation expenditures and the recovering of the cost of fixed assets through the sale of these is very questionable.

Jurgen Rohwedder

JR:ps

MEMORANDUM

TO Mr. J.E. McMynn,
Deputy Minister.

FROM THE

DEPARTMENT OF MINES
AND PETROLEUM RESOURCES

VICTORIA, B.C., May 8th, 1974

WHEN REPLYING PLEASE REFER
TO FILE No.

Report No 218

Re: Preliminary Report on Texada Mine

We herewith submit our preliminary report on Texada Mines Ltd. iron and copper deposit at Gillies Bay, Texada Island, as a result of a two-day visit to the mine on May 2nd and 3rd at your request, and two days in the office.

DEPUTY MINISTER OF MINES
& PETROLEUM RESOURCES
646

REC'D MAY 10 '74

REFERRED TO	DATE	INITIAL
ASB		
G. C.		
G. C.		
G. I.		
M. B.		
P. E.		

W.C. Robinson
W.C. Robinson,
Inspector of Mines.

A. Sutherland Brown
A. Sutherland Brown,
Deputy Chief Geologist, Geological Div.,
Mineral Resources Branch.

ASB/jr

Encl: Prel. Rept.

Are copper & iron ores visually or otherwise separable?
 Value of crushed aggregate?

See books for income
 expense

#2 Reject Sample is high!

Lake R. & P. ore body

Revenue	=	6.20
Cats	=	6.34
		1.14
Loss	=	.77
Dep'n	=	.63
Cash Flow	=	

Cu, contact - smelter gets .3 (S.P. - .50)!

MEMORANDUM