



DATE ... April 23, 1981

013300

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

SAMPLE RECEIVED FROM W. J. McMILLAN

ADDRESS Geological Division

LABORATORY NO.	SUBMITTER'S MARK	LABORATORY REPORT
24884M	FL81-21-91	<p><u>XRD Report</u></p> <p>The soft, yellow substance is essentially amorphous. Emission Spectrographic results show an absence of As. Consequently, the possibility of it being a poorly crystalline form of orpiment can be ruled out. Impurities present in the Spec sample include quartz, ankerite, kaolinite, calcite, illite ± siderite. Metallic sulfide grains occurring in the vicinity of the yellow amorphous substance have been confirmed to be PYRITE rather than arsenopyrite. Therefore, a primary source for As cannot be found either.</p> <p><i>Yellow coating from area of gold showing - FISH LAKE PROPERTY</i></p>

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LEGEND

- T - TRACE
- M.C. - MAJOR CONSTITUENT
- N.D. - NOT DETECTED
- P - PRESENT

W. M. Ganson
.....
CHIEF ANALYST



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WHOLE ROCK
 DIFFRACTION

SEMI-QUANTITATIVE SPECTROGRAPHIC ANALYSIS
(IN PER CENT)

LABORATORY NO.:	24884M							
SUBMITTER'S MARK:	FL81-21-91							
Si	>10.0							
Al	1.0							
Mg	0.5							
Ca	<1.0							
Fe	1.0							
Pb	T							
Cu	T							
Zn	0.2							
Mn	-							
Ag	T							
V	-							
Ti	T							
Ni	T							
Co	-							
Na	0.1							
K	-							
As	N.D.							
TRACES:	Cr							

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W. M. Johnson
 CHIEF ANALYST