

TERRITORY OF ALASKA
DEPARTMENT OF MINES
JUNEAU, ALASKA

November 26, 1951

MEMORANDUM REPORT

TO: Leo H. Saarela, Commissioner of Mines, Juneau, Alaska

FROM: James A. Williams, Associate Mining Engineer, Juneau, Alaska

SUBJECT: Mining operations in the Tolovana District, Fairbanks Precinct, in 1951.

There was a small decrease in the number of men employed in mining in the Tolovana District this season, but the number of active operations remained the same with two of them apparently changing hands.

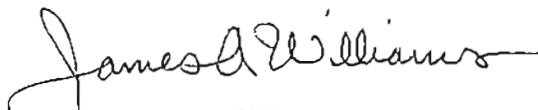
The Callahan Zinc-Lead Co. started their dredge early in the year and reported a fairly successful digging season in spite of an inefficient and constantly quitting labor force. This company is deeply involved with the RFC, and apparently will continue to be for many seasons.

Carl Parker on Olive Creek was using a variation of the sluiceplate which is the reverse of the usual setup. Here the water is introduced from the side of the plate while the gravel is pushed in from the upper end. Another unusual feature of this operation is that Parker keeps the cut very wet, or "soupy", as he pushes the gravel in. He apparently is of the opinion that the dozer can move more gravel on each "pass" when it is saturated than otherwise, since it moves so much easier. Just before the final bedrock cleanup, he dries up the cut to minimize the gold loss.

Louie Smith did no further prospecting this year, and no work was done on Amy Creek by Cecil Wells.

A list of the operations is included.

Respectfully submitted,


James A. Williams
Associate Mining Engineer

MINING OPERATIONS FOURTH DIVISION

FAIRBANKS PRECINCT

Tolovana District

1951

<u>Name and Address of Operator</u>	<u>Name and Location of Mine</u>	<u>Type of Operation</u>	<u>Crew</u>
Callahan Zinc-Lead Co., 100 Park Avenue New York 17, N. Y.	Livengood Creek	Gold Dredge	70
Carr, Tom and Jurich, John, Livengood	Lillian Creek	Bulldozer-Hydraulic	2
Falls, Ben, and Johnson, Livengood	Wilbur Creek	Bulldozer-Hydraulic	2
Olive Creek Mines, Fairbanks	Olive Creek	Dragline-Bulldozer	4
Radak, John, Livengood	Ruth Creek	Hydraulic	1
Warwick Mines, Fairbanks	Gertrude Creek	Bulldozer-Hydraulic	2