So. 157 Howard Street
Spokane 4, Washington
April 30, 1963

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: OME application
Boren Mining and Milling Corporation
Diamond Mine
Skagit County, Washington

Enclosed are the following items from the subject company:

1. OME application.

2. Letters from the applicant to two banks, with replies.

3. List of 10 gold-silver assays.

4. Company prospectus.

Assays of other samples from the tunnel the applicant wishes to extend were forwarded to you March 28, 1963, and May 14, 1962. These assays and the ones included are not very encouraging as far as indicating the possible discovery of a significant gold-silver ore body are concerned, as is illustrated by the following tabulation.

Dist. from portal	Width Inches	Oz. per ton Au	Oz. per ton Ag	Total Au ($35/oz.)	Total Ag ($1.27/oz.)	Total
25' 24.25	14	.02	.20	$0.70	$ .25	$ .95
✓ 50' 48.5	11	Tr	4.64	--	5.89	5.89
50' "	16	Tr	.24	--	.30	.30
60' 58	36	--	--	--	--	--
75' 72.75	56	--	--	--	--	--
100' 97	32	Tr	--	--	--	--
✓ 100' "	12	.14	20.68	4.90	26.26	31.16
150' 145.5	12	Tr	2.24	--	2.84	2.84
150' "	12	--	1.04	--	1.32	1.32
180' 174.5	6	--	--	--	--	--
200' 194	48	--	--	--	--	--
215' 208.5	33	--	--	--	--	--
✓ 265' [illegible]	30	--	.44	--	.56	.56
✓ 285' 276.5	24	--	--	--	--	--
✓ 305' 295.75	10	--	.16	--	.20	.20

Dist. from portal	Width Inches	Oz. per ton Au	Oz. per ton Ag	Total Au ($35/oz.)	Total Ag ($1.27/oz.)	Total
325' 315.25'	36	.18	--	$6.30	$ .15	$6.45
345' 336.5'	24	.14	.28	4.90	.36	5.26
350' 339.5'	24	--	.48	--	.61	.61
360' 349'	--	.16	2.8	5.60	3.56	9.16
365' 354'	24	.06	.14	2.10	.18	2.28
385' 373.5'	24	Tr	.24	--	.30	.30
405' 392.75'	24	.10	.06	3.50	.08	3.58
415' 402.5'	16	--	.52	--	.66	.66
425' 412.25'	14	--	.20	--	.25	.25
445' 431.5'	18	Tr	.76	--	.97	.97

The variation in grade and value of two samples, each taken at 50 feet, 100 feet, and 150 feet, respectively, from the tunnel portal cannot be laid entirely to the differences in sample widths. It is concluded that these assays clearly indicate that gold-silver values are erratic and with one or two exceptions are far below ore grade. It is further concluded that a complete resampling job would not give a more encouraging outlook for a successful project and could very well result in a less encouraging one. It is therefore recommended that the application be denied without a re-examination.

D. R. MacLaren

Enclosures

DRMacLaren:my

Reading copies to:
Nolan
McElvey