U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STRATEGIC MINERALS INVESTIGATIONS
PRELIMINARY MAPS

EMPIRE MINE

ALDER CREEK MINING DISTRICT
CUSTER COUNTY, IDAHO

FRED W. FARWELL ROY P. FULL

1943

CONTENTS

Plate -	29	Section	A-A'
"	30	"	B-B'
"	31	"	C-C'
"	32	"	D-D'
"	33	"	E-E'
"	34	"	F-F'
"	35	"	G-G'
"	36	"	H-H'
"	37	"	J-J'
"	38	"	K-K'
"	39	"	L-L'
"	40	"	M-M'
"	41	"	N-N'
"	42	"	P-P'
"	43	"	Q-Q'
"	44	Drill hole sections	
"	45	Long. vert. projection of stoped areas	

DRILL HOLE DATA

B 21 — Holes drilled by U.S. Bureau of Mines

CA +20° — " " " mining company

S 15 — " proposed by U.S. Geological Survey

B 15 — Piercing points of holes

EXPLANATION

- Porphyritic granodiorite
- Quartz diabase porphyry
- Tactite
- Granite
- Granite porphyry
- Quartz monzonite
- Brazer limestone (Upper Miss.)
- Known contact
- Inferred contact
- Faults
- Stopes

OX- SUL- IDE PHIDE