TABLE I

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ESTIMATE OF TUNGSTEN ORE RESERVES

NEVADA MASSACHUSETTS CO., EUGENE MOUNTAINS, PERSHING COUNTY, NEVADA

COMMERCIAL ORE UNDER CONDITIONS PREVAILING JUNE 1, 1943

	Broken			Measured			Indicated			Inferred "A" (1)			Inferred "B" (2)
Operating Mines	Tons	% WO_3	Units WO_3	Tons	% WO_3	Units WO_3	Tons	% WO_3	Units WO_3	Tons	% WO_3	Units WO_3	
Stank	5,000	0.85	3,400	3,500	0.75	2,625	9,000	0.75	6,750	21,500	0.7	15,050	60 tons (3), 90 tons (4)
Sutton No. 2	2,500	0.5	1,250	5,000	0.45	2,250	28,500	0.45	12,825	5,000	0.4	2,000	600 tons of 0.4-0.5% WO_3 ore per vertical foot below 125' level. Predict 500 foot vertical continuation
Humboldt-Springer													
Humboldt bed	5,000	0.75	3,750	3,000	0.75	2,250	5,000	0.75	3,750	0			Possible faulted segment may contain substantial tonnage of ore
Springer bed	2,000	0.75	1,500	4,000	0.75	3,000	2,000	0.65	1,300	11,000	0.6	6,600	Segment of bed south of Springer fault may contain mineable tonnage of ore
George bed	0			500	0.6		2,500	0.6	1,500	8,000	0.5	4,000	
Sub-Total	14,500		9,900	16,000		10,125	47,000		26,125	45,500		27,650	
Inactive Mines													
Summit	0			500	0.8	400	1,000	0.8	800	0			
O'Byrne	0			1,000	0.75	750	1,800	0.75	1,350	3,000	0.65	1,950	75-100 tons of ore per vertical foot below bottom of O'Byrne Shaft
Uncle Sam	0			300	0.5	150	2,100	0.5	1,050	2,000	0.5	1,000	
Sutton No. 1	500	0.6	300	800	1.0	800	2,500	0.5	1,250	0			4.5 tons of 0.5% ore per vertical foot below 200 level
Sub-Total	500		300	2,600		2,100	7,400		4,450	5,000		2,950	
Total	15,000		10,200	18,600		12,225	54,400		30,575	50,500		30,600	

Prospects Springer Ridge to Stank Hill Area may contain 7500 tons of 0.5-1.0% WO_3 ore in small faulted shoots near the surface. Continuation of at least one shoot to greater depth is indicated by drill holes

West beds may contain 5000 tons of 0.5-1.0% WO_3 ore in small lenses near the surface. Drill holes at greater depth intersected only barren limestone

NON-COMMERCIAL ORE UNDER CONDITIONS PREVAILING JUNE 1, 1943

Operating Mines	Measured and Indicated Tons	% WO_3	Units WO_3	Inferred Tons	% WO_3	Units WO_3
Humboldt Mine						
Humboldt bed						
North end: Surface to 300 level	20,000	0.25	5,000	60,000	0.25	15,000
North end: 700 to 1400 level	5,000	0.25	1,250	15,000	0.25	3,750
Shaft area	5000	0.25	1,250	10,000	0.25	2,500
1500 level	1,500	0.25	375	1,000	0.25	250
Springer bed	2,000	0.25	500	2,000	0.25	500
George bed	?			?		
Sub-Total	33,500		8,375	88,000		22,000
Stank mine	10,000	0.25	2,500	28,500	0.25	7,125
Total	43,500		10,875	116,500		29,125

INACTIVE MINES AND PROSPECTS

Orphan Area Possibly some low grade ore could be removed from small faulted segments by surface stripping

Sutton No. 2: 10,000 tons of 0.25% ore will probably remain in mineable pillars above the 125' level.

Florence Beds: Very small shootes of ore occur near the surface. Mineable bodies may occur at greater depth

(1) Ore partly outlined on more than one side.
(2) Continuation of ore shoot projected below deepest mine level, or laterally beyond farthest advanced faces
(3) 60 tons of 0.7% WO_3 ore per lateral foot in the continuation of Stank ore body between the 300' and 700' levels south of the Codd Dike. Predict 200 foot average lateral continuation.
(4) 90 tons of 0.7% WO_3 ore per vertical foot in continuation of Stank ore body below 1200' level. Predict 100 foot vertical continuation.

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