

gross value, \$46,239.06; average number of men, 47; underground, 11; surface, 36.

Development. Raising third compartment alongside working shaft, 417 feet; sinking shaft, 45 feet; sinking shaft on "Amie," 120 feet; driving, 1,940 feet; raising, 107 feet; winz- ing, 141 feet; crosscutting, 917 feet.

Additions to plant consist of electric hoist engine. Surface improvements consist of gravity tramway to railway and ore bins in connection with No. 1 mine.

No. 1 Mine.

Tons of ore shipped, see Josie; average number of men, 45; underground, 30.59; surface employees, 14.41.

Development. Sinking, 120 feet; driving, 1,532 feet; raising, 249 feet; winzing, 86 feet; crosscutting, 251 feet.

Total value of surface improvements and plant for Josie and No. 1 mine, \$53,778.05.

Additions to plant consist of an electric hoist engine. Surface improvements: New head frame, hoist, engine room, ore bins and gravity tramway in conjunction with the Josie mine.

War Eagle Mine.

Tons of ore shipped, year ending December 31, 1901, 9,886; gross value, \$142,282.98; average number of men employed, 166; development work, 4,428 feet; value of machinery, build- ings, etc., increase during year 1900, \$80,000.

Centre Star.

Tons of ore shipped, 40,875; gross value, \$609,359.75; average number of men employed, 240; development, 3,525 feet; increase of value of buildings during 1900, \$190,000.

Iron Mask Mine.

Tons of ore shipped, 2,737; gross value, \$43,177.61; average number of men employed, 33; development work, 2,124 feet.

New St. Elmo.

Tons of ore shipped, nil; number of men employed, 6 to 12; development work, 1,912 feet.

California.

Average number of men employed, 25; development, drifting, 825 feet; development, sinking, 168 feet; new machinery, build- ing, etc., \$21,150.

Sunset No. 2.

Average number of men employed, 15, development during 1900, 450 feet.

Homestake.

Average number of men employed, 15; development, shaft, 216 feet; development, tunnel, 1,200 feet; development, cross- cutting, 900 feet.

Velvet.

Tons of ore shipped, nil; average number of surface men, 20; development work, shafts, drifts and crosscuts, 1,000 feet; plant, two 7-inch Knowles pumps, one 1,500 feet sawmill.

Evening Star.

Number of men employed below surface, 16; number of men employed above surface, 9; tons shipped, 348; gross value, \$4,385.50; development, sinking, 250 feet; development, drift- ing, 475 feet; cost of machinery, \$1,800.

Green Mountain.

Number of men employed, 15; development, sinking, 160 feet; development, crosscutting, 400 feet. Machinery added, 20 h.p. hoist, 5-drill compressor, two No. 7 sinking pumps.

I. X. L.

Number of men employed, 11; ore shipped, 500 tons; gross value, \$39,800; tunnels and raises, 480 feet.

Spitzee.

Ore shipped, 155 tons; gross value, \$2,635; average number of men employed, 6; shaft, 50 feet.

Douglas.

Average number of men employed, 4; tunnelling, 480 feet.

Northern Belle.

Number of men employed, 5. Development: Crosscutting, 315 feet; drifting, 158 feet; sinking, 30 feet; tunnelling, 50 feet.

Giant.

Ore shipped, 506 tons; gross value, \$6,986; average number of men, 9; development work, 300 feet. Machinery, consisting of an air compressor, 50 h. p. electric motor, hoisting engine, two pumps, three machine drills, 50-ton ore bins. Cost of plant detailed, \$10,000.

Big Four Group.

Consists of a group of crown granted claims, situated on Little Sheep Creek. The work done during the past year con- sists of 300 feet of tunnel and shaft, five men being employed.

Gertrude.

This property was worked for a short time during the early part of the year. No returns of amount of work done.

Bonanza Group.

Consisting of the Bonanza No. 3, Our Hope, Bonanza No. 3 Fraction and Our Hope Fraction mineral claims. A very promising group, situate on Iron Creek in the Norway Moun- tain camp. This property is being worked by the Rossland Bonanza Gold Mining & Milling Company, Ltd., non-personal liability, and during the latter part of the year 75 feet of tun- nel work has been done on the Bonanza No. 3.

Cascade Group.

This is also a very promising group of claims, comprising the Cascade, California and Royal Kangaroo, situate on Grenville Mountain, to the southwest of Norway Mountain. During the past year 130 feet of tunnel work was done. The property is being operated by the Cascade Gold Mining & Milling Com- pany, Limited, of Rossland.

OFFICIAL STATISTICS.

Trail Creek Division.

Mineral claims recorded	228
Placer claims recorded	1
Certificates of work	520
Money paid in lieu of work	4
Certificates of improvements	58
Bills of sale, transfers, etc.	127
Abandonments	4
Water grants	7
Miner's Certificates, personal	1,337
Miner's Certificates, companies	60
Miner's Certificates, special	39

MINING RETURNS AND STATISTICS.

ROSSLAND.

	TONS.		
	1901	1900	Increase
Shipments for February	27,685	6,960	20735
Shipments for January	28,000	24,933	3,067
Total	55,685	31,893	23,802

To 2nd March shipments for 1901 are as follows:—

	Tons.
Le Roi	29,123
Centre Star	18,420
War Eagle	6,530
Le Roi No. 2	1,512
Iron Mask	1,276
Rossland Great Western	540
Velvet	500
I. X. L.	70
Evening Star	70
Spitzee	6