

PUSH WORK ON CUYUNA RANGE

**Many Promising Properties Are
Being Opened Up Through
New District.**

**DRILLING CREWS ARE
HEAVILY INCREASED**

**Numbers of Fresh Mining Leases
and Sales Reported During
Past Week.**

BRainerd, Minn., March 29.—Additional pumps have been placed at the Barrows mine of the Virginia Ore Mining company at Barrows on the south range and the water will soon be out of the shaft and mining will be resumed.

At the Adams mine of Cuyler Adams and associates at Oreland good progress is being made in sinking by Contractor Buzzo of Eveleth. The Oreland Townsite company plans on erecting 10 additional houses.

The Brainerd-Cuyuna Mining company which has blocked out several million tons of ore on the south side of Brainerd plans to sink a shaft this spring. This lies in the same trend of ore with the ore found in the lands of Fritz Koop, the Baker Mining company, Joseph Rosko sr, Henry I. Cohen and the land of Judge G. W. Holland to the east, all being Brainerd men or companies and including also the lands of Charles Neimeyer of Duluth and other interests. It is expected to get the "Soo" to tap these deposits.

Two drills of the E. J. Longyear company of Minneapolis are working in section 13, township 45, range 30 and two drills in section 31, township 47, range 28 south of Cuyuna.

The Vermes-Cuyuna Mining & Development company has struck ore in its fourth hole, being good manganese.

The Helmer Exploration company is drilling it, says the toughest ore it ever encountered and had to blast their way through it. The drill has finished the fourth hole in section 8, township 45, range 29, and has removed to the fifth hole.

The Duluth-Brainerd Mining company expects to sink a shaft in the 160-acre tract it has in section 32, township 47, range 29. This is claimed to show some of the finest manganese ever found.

The High Grade Manganese Ore company is drilling in section 33, township 47, range 29, about 40 rods from the Vermes-Cuyuna people. It is working on its fourth hole.

Cuyler Adams had a drill near Cuyuna and west of the Kennedy mine. C. W. Potts of Deerwood has a drill at June lake in section 9, township 46, range 29, and is drilling for Superior parties.

The Stowell Exploration company has four drills at work on the Clearwater range, one in section 4, township 45, range 28; two in section 8, township 45, range 28 and one in section 24, township 45, range 29. Aitkin county is being explored. Twenty drills are at work, one at Cedar lake, one at Squagagama, four in the Rice river country, three at Kimberly and several south of that point. T. R. Foley of Aitkin is doing

east quarter of section 30, township 137, range 26, and to John C. Rickard an undivided 1-12 interest in the southeast quarter of the northeast quarter and an undivided 1-12 interest in lot 5 of section 7, township 1136, range 27.

John C. Campbell has sold to James T. Joyce a 2-16 interest (undivided) in the west half of the southwest quarter, the northeast quarter of the southwest quarter of section 20, township 46, range 28 for \$2,850.

Cuyler Adams of Deerwood has sold to L. A. Barton of Duluth an undivided $\frac{1}{8}$ interest in the northeast quarter of the southeast quarter of section 6, township 45, range 29.

Lena Butler has sold to John Swinland an undivided 1-25 interest in the east half of the northwest quarter, of the southwest quarter of section 8, township 45, range 29.

much in the way of exploration.

Pumps are expected next week at the Iron Mountain Mining company property to unwater the shaft. A full force of men will be set to work, and the property which has been idle some time will be a scene of activity. Shafts may be sunk this season in sections 28, 30 and 33, township 47, range 29.

W. H. Bedow of Fort Ripley has given an option for a mining lease to D. Arthur Ryan of Duluth and covering lots 2 and 3 in section 16, township 43, range 32. The option dates for one year from March 13, 1914, and the lease, if taken, it is to extend 99 years with a royalty of 15 cents a ton and a minimum tonnage of 3,000 tons the first year, 4,000 tons the second year, 5,000 tons the third year, 6,000 tons the fourth year and 10,000 the fifth and every year thereafter.

C. A. Bogren has given an option for a mining lease to Jake Kohlsted and Marcus Grande of Barrows on lot 6 in section 1, township 136, range 27, being 39 acres. The tract is to be drilled six months and the property may be held a year to turn it over. If a lease is taken then \$50 an acre is to be paid as advance royalty and 5 cents a ton royalty on ore with a minimum output of 25,000 tons a year, the lease being of 50 years duration.

Many Sales Reported.

Richard Steedman Patrick has sold to William G. Joerns an undivided 1-64 interest in the northeast quarter of section 31, township 44, range 31.

George P. Coleman has sold to the Montrose company the undivided 1-24 interest in the southwest quarter of the northwest quarter and the west half of the southwest quarter of section 26, township 136, range 26.

Samuel S. Farley has sold to Edmund Schnirl the southeast quarter of the northwest quarter and lot 3 of section 1, township 136, range 29 for \$1,292.

John Leslie has sold to Edmund Schnirl lots 1 and 2 in section 1, township 136, range 29 for \$1,496.

David Archibald has sold to Duncan Smith lot 3 of the southwest quarter of the northwest quarter of section 3, township 45, range 28 for \$3,855.

Barney Eden has sold to Thomas A. Merritt the south half of the northeast quarter and the east half of the southeast quarter of section 36, township 44, range 32.

Thomas S. McClure has sold to each of Francis L. Frary and John W. Redlund an undivided 1-12 interest in the east half of the south-