



Bergvesenet

Postboks 3021, 7002 Trondheim

Rapportarkivet

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Tittel The Ørsdalsvann Molybdenite, Wolfram Deposits.				
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Norges Geologiske Undersøkelse

Bergarkivet

Rapport nr.: 1443

THE ØRSDALSVANN MOLYBDENITE, WOLFRAM DEPOSITS.

The first time the working of the mine in Ørdsalen, in the "Mjaavandsknuden" in Bjerkreim parish, Stavanger sheriffdom, in the open field of the farm Hovland, - is mentioned is in 1904 when work was started by the British Molybdenite Co. Ltd. A large adit was driven in the valley in order to cut off the deposit which had been proved high up in the mountain. At the end of 1907 the adit had been driven 274 meters and there cross cuts with extensions had been driven and cut off a mass of quartz with a little ore. Up in the mountain about 100 meters were driven and 5 meters sunk and two sinks of in total 14 meters. In the years 1905 and 1906 the production is stated to have been:

ca. 17 tons MoS_2 of 3% and	250 kilos Wolfram of x%
" 1 " " " "	1000 " " " 75%
18 tons MoS_2 of 3% and	1250 kilos Wolfram of 75%

During the years 1905, 1906 and 1907 large plants were erected, such as power station, air compressor, smithy, directors' house workmen's houses, office with laboratory, roads and bridges. A new dressig mill with electric power, crushing and separating machinery and an Elmore plant were erected. It is stated that machines have been stored in Egersund. In the years 1909, 1910 and 1911 there was no work at the mine, and buildings and mashinery were sold.

The Christiania Minekompani continued in 1911 the work with a modest number of men, drifting and washing.

The Production is given as:				
1911	stoped 6275 kilos ore whereof ca.	1000 k.	washed Wolfram ore &	
1912	"	10000 "	" " & ca.	60%
1913	scheelite and	3500 "	" "	58-60%"
1914	" "	4500 "	" "	60%"
1915		803 "	" "	60%"
1916		868 "	" "	60%"
1917	washed 1371 kilos & 40% WO_3 .			

To this is to add molybdenite which at the same time is washed and picked, and it amounts to clean ore in all about 630 kilos (80 % MoS_2) and about 5383 kilos running 11,7 % and 7,03 % molybdenite.

In November 1917 the Mines were taken over by Mr. G. Nilsen Algård under the name of A/S Ørsdalen Wolfram och Molybdengruber - for continued operating in Mjaavasknuden, with new plans and works during all the next year. About 900 kilos of Wolfram ore of about 67 % WO_3 were produced. In 1919-20 an insignificant recovery of washing goods was obtained. Adits were opened, but stopped. Later on no operating. Through an oversight it was forgotten to secure the deposits situated further south which were explored by Marcus Odland and several others. Same were sold to director Krum, who again sold them to direktor E. Melding the same autumn. In December s.y. he transferred them to A/S Hovland Molybden- and Wolframgruber. This company at once started exploring and developing work as well as erection of plants for concentration of the ore. On account of the situation on the molybdenite market these works gradually ceased and were at last entirely stopped at Christmas time 1918. At the survey in autumn this year the company got 46 square measurements as full protection to its rights. At the same time it came to an agreement with the neighbouring company A/S Ørsdalen Wolfram och Molybdengruber about a boundary line fixed in the field and more closely described in the survey records, - and such agreement should be respected by both parties for 5 years. From the Mine was picked out 72,2 kilos of lump ore of about 80% MoS_2 , and extracted 3170 tons of waste rock, but no sorting took place. Later realisation was mentioned with respect to both companies in 1921, but nothing else.

At the survey mentioned O. R. Sagfører Schaaning in Egersund obtained the claim laying to a few as remembered to his claim

stakings in the Gudlen farm, Hovland, and within the before mentioned

From a perpendicular wall about 4 cbm have been stoped at a great loss, yielding 1200 kilos Wolfram ore containing 51.38% WO_3 . Further particulars are missing concerning this deposit.

Production.

shows

A resumé of what is stated above/ from 1905 - 1918

Wolfram ore and scheelite containing 51.38, 58.60 and 75%, -24021 kilos

" " where no percent has been stated 7646 %

Molybdenite 3%, 7%, 11% and 80%, in total: 24083 kilos.

Considering the long time required for the tests and the large capital outlays, the result must be said to have been bad.

5/9 33 Lym H. H. Smith