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### REPORT OF KAPUSKASING EXPERIMENTAL STATION

Smith Ballantyne Reviews the Work of the Government Farm for the Year 1925.

The report of Mr. Smith Ballantyne, Superintendent of Kapuskasing Experimental Farm, is to hand from Ottawa. It is for the year 1925, and so, though a little behind the times in this modern world, it is so much ahead of the average Government publication that it may be considered as well up-to-date. Last year The Advance received a Government report from Ottawa that dealt with matters of 1923, and so was almost ancient history in this rapid world. The world may be getting better when the Ottawa Government is only seven months behind the times. Before passing on to make reference to the report it may be well to ask why such reports should not be issued at least within three months. Of course, it is a big improvement to have them in seven months, instead of seventeen months, but still three months would appear to be still better.

Mr. Ballantyne deals first with the weather conditions at Kapuskasing, giving a table showing the rainfall and the minimum, maximum and average temperature for each month of the year. There was a total of 1,669 hours of sunshine in the year. The total rainfall was 26.66 inches. January, February, March and April 1925, each had a higher average monthly mean temperature than the average for an eight-year period. May, however, was 6 degrees below the average, which had the effect of holding up seeding operations until the latter part of the month. Of the other four growing months, June, July and September were also below the average, while August was 4.7 degrees above the average.

October was much colder than normally, as the mean temperature was 7.2 degrees below the average, but November and December were both above the average.

May, June and July in particular had very high precipitation. This had the effect of not only delaying seeding operations very materially, but of actually drowning out the seed in many cases after it was sown.

For hours of sunshine, 1,669.3 were recorded, which is the lowest for any year during the last seven, and is 106.9 hours less than the average for a seven-year period.

There was very little damage from summer frosts, which seem to be disappearing as the district becomes more opened up and the cleared land increases in area. Fall ploughing was stopped by frost on November 6th, which is about ten days earlier than usual.

"Northern Ontario," says Mr. Ballantyne, "is well suited for mixed farming, including dairying and the

raising of live stock. In most cases there is a ready market for live stock and dairy products in the large lumber and mining centres. The fertility of the soil is well-maintained by this system of farming that also markets in a profitable way the large quantities of forage crops as well as the farm-grown grains produced. The experimental work conducted at this station in animal husbandry has been done with the object of determining the most suitable feeds and the best methods of feeding, housing and handling the various classes of live stock. The surplus young stock, which is pure-bred and suitable for breeding purposes is distributed to settlers at nominal prices as foundation stock."

Mr. Ballantyne proceeded to take up the various activities at the Kapuskasing Government Farm, the scope of his work being indicated by the headings, such as: "Dairy Cattle," "Milk Records," "Junifer versus O.P.V. Silage for Milk Production," "Beef Cattle," "Sheep," "Swine," "Pig-Feeding Experiment," "Field Husbandry," "Rotation of Crops," "Cost of Producing Farm Crops," "Cultural Experiments," "Drainage Experiments," "Horticulture," "Vegetables," "Tree Shrubs and Lawn," "Cereals," "Orange Corps," "Ensilage Crops," "Annual Hays," "Field Roots," "Legumes and Grasses," "The Production of Seed," "Poultry," "Bees," "Fibre Crops," etc.

Anyone specially interested in this report may secure a copy of same by writing to the Department of Agriculture, Ottawa, Ont., and the printed report will be forwarded.

Five "Illustrations" were conducted under the supervision of the Kapuskasing Station during 1925. These were selected in 1923. The operators and location of these "Illustration Stations" are as follows: Walter Kirsting, Matson; H. Labreche, Val Gae; John MacDonal, Porquiss Junction; E. D. Carriere, Cochrane, Oliver; Genier, Genier. The Illustration Stations are used as a means of carrying improved farm practices to the farmer. The varieties of cereals at are found to give the best results in the Experimental Station are produced on these stations and made available to settlers

at reasonable prices. Records are kept of the yields, the cost of production and profits or losses obtained from the various crops grown in the rotation. A report on these Stations will be found in the 1925 report of the Chief Supervisor (Eastern Stations).

### MR. J. H. BLACK INTERESTED IN DUNCAN-McBAIN CLAIMS.

According to reports generally accepted at Hudson, Mr. J. H. Black, manager of the Spruce Falls Power & Paper Co., and for many years well-known in the North, has taken an interest in the Duncan-McBain claims north of Woman Lake, Mr. Home Smith, of Toronto, also being associated with him in this. The Duncan-McBain property is said to be one of the most promising in the Red Lake area. Mr. Black, who is vice-president of the Excelsior Life Insurance Co., was formerly superintendent of the T. & N. O. Railway, and was also actively connected with the power industry in the North and with other ventures that helped to build up the country.

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### SPECTACULAR HIGH-GRADE ON NEW YORK PORCUPINE

Encouraging Find in Shaft at Depth of About 139 Feet. Work Being Pushed Forward.

An interesting find was made on the New York Porcupine property in the Dome section of the camp last week. The find was in the nature of spectacular high-grade ore encountered in sinking the shaft. At about the 130-foot level a particularly rich region of ore was struck, the ore averaging well over \$30.00 per ton. Some specimens would go much above that figure. The ore is sprinkled with free gold and is also heavily mineralized throughout. Mr. Harry Darling, who is the engineer in charge of the property says that the find is most encouraging and that work will be carried on now with re-doubled vigour. The find is confirmation of the indications given by the diamond drill work carried on, and also of the general theory held of the geology of the property. The shaft at present is in very high-grade ore, real spectacular stuff, with the indications of a vein of considerable size and extent of the kind of ore that makes mines pleased.

### NEWS NOTES FROM THE RED LAKE GOLD DISTRICT

The following news notes are from the current issue of The Red Lake Lookout, published at Sioux Lookout: "Mr. Alex Matheson, land surveyor of Swastika, accompanied by Jack MacDonald, went on to the Matheson Claims to survey twelve claims belonging to Mr. Matheson, and contiguous to the big strike there."

"Blueberries are starting to come into town, and a good crop is reported. The weather is so intensely hot that we pity the poor pickers."

"Roy Monaghan, of Matheson, and McRoe, called in Sioux Lookout on Monday to buy supplies and have left for Buckee, and from thence to Savant Lake to do assessment work on their claims."

"The Government Forestry Branch are building a dock and warehouse on the west side of the bridge west of Sioux Lookout. This building will be used for the headquarters of the fire rangers. Four men are employed."

"A dairyman named Henry Hill, living in the south end of the town, owns a cow which was slashed on the hip with an axe, necessitating medical attendance. In the absence of a vet, Dr. Mitchell did excellent service in stitching the wound up. The local provincial police have the culprit in view. It seems a mean way to take spite out a cow."

"Chief Geologist Redenbeker, of the Hollinger Mine, returned to Sioux Lookout a few days ago, after being on an examination trip for two weeks on the Jackson-Manion claims at Woman Lake. Mr. Redenbeker took the train for some point east of Sioux Lookout, to examine some properties there and will return tomorrow."

"Mr. Williams Frame has received a contract from the Howey people at Red Lake to freight in 3,000 tons of machinery and supplies from Hudson to Red Lake. The first leg of the journey will be done by the water route, from Hudson to Pine Ridge, from thence to Red Lake it will be freighted in over the ice."

The summer resorts on the Temagami Lakes are said to be taxed to capacity this summer, an increasing number each year finding the beauties and health-giving qualities of this North Land.

### FATAL ACCIDENT ON NEW RAILROAD AT KAPUSKASING.

Word from the North is to the effect that a fatal accident occurred last week on the new railway now being constructed from Kapuskasing to Smokey Falls. A Russian, who was only a few days in this country, fell off a gravel train on which he was working, the wheels passing over him and death resulting. He had been booked through to Winnipeg, but stopped off at Kapuskasing where he was told that work was more plentiful. He soon got a job but lost his life by accident. An inquest will be held this week.

### RE-OPENING ABITIBI MINES IN LIGHTNING RIVER AREA.

Word has been received of the re-opening of the Abitibi Mines in Lightning River. The present operations consist of an extension of the campaign of diamond drilling done last year. At that time some 5,000 feet of drilling was performed which, upon examination by the engineers, received most favourable comment. A definite fault-plane structure, striking east and west through the centre of this company's property has been cut. This contact has been proven to a depth of 400 feet and a length of 600 feet, while the length indicated on the surface is several thousand feet. At the 300-foot level an ore body assaying \$11.80 and \$12.20 in the diamond drill core was located. This ore was found to lie in the above contact which had a width of 10 to 40 feet. The formation has been favourably compared to the main break through the Kirkland Lake camp and geologists have expressed the opinion that the formation is highly favourable for the discovery of ore bodies. It is stated that such bodies will in all likelihood be found to have a consistent formation and be more regular in ore disposition than in the case of ore deposits disassociated with so definite a fault contact. For this reason it is believed that mining operations will be simplified and further ore bodies will be opened up without undue cost and handling of waste rock.

Good progress is being made on the Northern Canada Power Company's transmission line which is being built from Des Quinze into the township of Rouyn. According to officials, about one-third of the line is already completed and there will be no difficulty finishing the remainder of the work within the scheduled period. It is hoped the line will be carrying power early in the coming year.

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### NOTICE CONCRETE WALKS

TAKE NOTICE THAT

1. The Council of the Corporation of the Town of Timmins intends to construct a Local Improvement concrete walks as set forth in the following schedule, and intends to specialise a part of the cost on the land directly abutting on the work

2. The estimated cost of the work is \$19,210.00 of which \$9,314.00 is to be paid by the Corporation. The estimated special rate per foot frontage is shown in attached schedule. The special assessment is to be paid in 15 annual instalments, interest at 7 per cent.

3. A petition against the work will not avail to prevent its construction.

Side	Street	From	To	Estimated Cost	Corporation Share	Sp. Rate per ft. frontage.
W.S.	Spruce St. N.	N.S.L. Fifth Ave.	S.S.L. Sixth Ave.	\$ 630.00	\$ 357.00	\$1.75
E.S.	Spruce St. N.	N.S.L. Fourth Ave.	S.S.L. Fifth Ave.	800.00	397.00	2.22
E.S.	Spruce St. N.	N.S.L. Sixth Ave.	N. Bdy. Timmins	800.00	320.00	1.84
E.S.	Pine St. N.	N.S.L. Sixth Ave.	N. Bdy. Timmins	800.00	375.00	1.84
N.S.	Second Ave.	W.S.L. Elm St.	E.S.L. Mountjoy St.	580.00	340.00	1.93
S.S.	Commercial Ave.	E.S.L. Mountjoy St.	E.S.L. Rea St.	2700.00	1320.00	1.98
E.S.	Mountjoy St.	N.S.L. Second Ave.	N.S.L. Kirby Ave.	2100.00	1000.00	2.02
E.S.	Elm St. S.	N.S. Lot 38	N.S.L. Kirby Ave.	1200.00	570.00	2.20
E.S.	Maple St. S.	N.S. Lot 76	N.S.L. Kirby Ave.	1050.00	545.00	1.92
E.S.	Birch St. S.	N.S. Lot 114	N.S.L. Kirby Ave.	950.00	495.00	1.75
E.S.	Balsam St. S.	N.S. Lot 149	N.S.L. Kirby Ave.	200.00	80.00	1.66
W.S.	Balsam St. S.	N.S. Lot 115	N.S.L. Kirby Ave.	950.00	495.00	1.75
W.S.	Maple St. N.	S.S.L. Fourth Ave.	S.S.L. Sixth Ave.	1500.00	740.00	1.76
S.S.	Wilson Ave.	W.S.L. Mountjoy St.	E.S.L. Rea St.	4950.00	2280.00	3.79
				\$19,210.00	\$9,314.00	

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