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Sustut

Canada... SMITHERS, B. C.
After 10 years and \$8,000,000 Falconbridge finds Cu

The three adjoining maps locate the recently discovered porphyry copper deposit of Falconbridge Nickel Mines Limited, show the claims held by Falconbridge covering the discovery, and indicate diamond drill hole locations, copper assay grades, and sampled footages.

Falconbridge has prospected for copper in British Columbia since 1962 and to date has spent nearly \$8,000,000 in the search. Copper mineralization was discovered in late 1971 cropping out on a cliff face in the Sustut River valley. During 1972 26 surface diamond drill holes were drilled and the results indicate several tens of millions of tons assaying 1.25 percent copper within 300 feet of the surface.

Prospecting in the surrounding area in 1972 indicated several other very promising copper deposits. However, winter weather prevented checking several of them. Falconbridge has now started an extensive program of prospecting, mapping, geophysical and geochemical work, and diamond drilling of the entire area.

United States...

Uranium discovery equals uranium mining rate during 1972

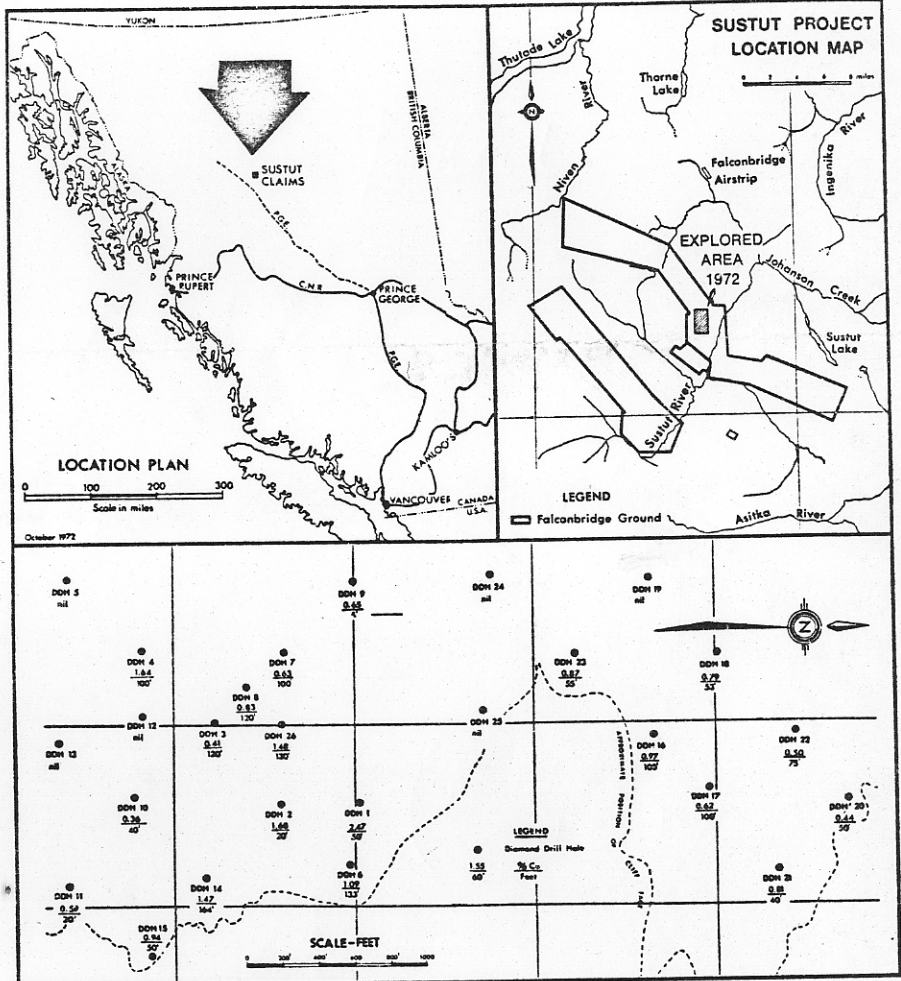
During 1972 an estimated 13,900 tons of U₃O₈ were contained in ore mined and shipped to uranium mills. Based on an \$8.00 per pound value for U₃O₈, total uranium contained in newly discovered ore bodies was also 13,900 tons, reports the United States Atomic Energy Commission.

Total exploration footage drilled was slightly below 1971, but average hole depth increased 20 feet and had almost doubled in six years as near-surface favorable targets are largely drilled out.

New Mexico continued to be the largest ore and yellow cake producing state and continued to lead in proven reserves. The accompanying tables give complete information about reserves, drilling, and production.

Areal Distribution of Uranium Reserves as of January 1, 1973

Location	Tons U ₃ O ₈		
	Reserves	Potential	Total
Colorado Plateau (N. Mexico, Arizona, Utah & Colo.)	150,000	250,000	400,000
Wyoming Basins	97,000	90,000	187,000
Others: Texas Gulf Coast, etc.	26,000	110,000	136,000
Totals	273,000	450,000	723,000



Uranium Ore Production by States in 1972

State	Tons of Ore	Tons of U ₃ O ₈ ¹	Percent of Total
New Mexico	2,300,000	5,700	41
Wyoming	2,200,000	4,600	33
Colorado	400,000	1,000	7
Utah	400,000	800	6
Others: Texas, Washington, Alaska, S. Dakota	1,100,000	1,800	13
Totals	6,400,000	13,900	100

1. Includes 200 tons of U₃O₈ from mine waters, heap leaching and miscellaneous materials.

Uranium Reserves and Grades by States as of January 1, 1973

State	Tons of Ore	Percent Contained	
		U ₃ O ₈	Tons U ₃ O ₈
New Mexico	49,000,000	0.27	134,000
Wyoming	55,500,000	0.18	98,000
Texas	10,600,000	0.15	16,000
Colorado	3,100,000	0.27	8,000
Utah	2,500,000	0.33	8,000
Others: Alaska, Arizona, N. Dakota, Oregon, S. Dakota, Washington	7,300,000	0.12	9,000
Totals	128,000,000	0.21	273,000

Estimated Tons of Reserves at Various Prices as of January 1, 1973

Cutoff Costs Dollars per Pound U ₃ O ₈	Reserves ¹	Potential
\$ 8.00	273,000	450,000
\$10.00 ²	337,000	700,000
\$10.00 ²	520,000	1,000,000

1. The term reserves is roughly equivalent to "Reasonably Assured Resources" as used by the international NEA/IAEA Working Party on Uranium Resources which considers that estimates at \$10.00 per pound of U₃O₈ have a degree of reliability equivalent to reserves in the mining sense. However, AEC and the Working Party recognize that the estimates at \$15.00 per pound are not as precise. 2. Includes lower-cost resources.

Location of Surface Uranium Exploration Drilling by States in 1972

State	Drilling, Feet	Percent of Total
Wyoming	6,600,000	43
New Mexico	3,600,000	23
Texas	3,300,000	22
Colorado	1,000,000	6
Utah	400,000	3
Others: Montana, S. Dakota, N. Dakota, Calif., Nevada, Idaho, Wash., Ariz.	500,000	3
Totals	15,400,000	100