

# Skyline reviews 1984 exploration

**ISKUT RIVER, British Columbia**—The 1984 exploration program on Skyline Explorations Ltd.'s 100-percent-owned property in the Iskut River area of northwestern British Columbia took place over a period of three months and included core drilling, trenching, detailed sampling, geological mapping, and prospecting.

The drill program concentrated on the Discovery mineral zone which had previously been located by surface sampling and limited trenching. This indicated significant gold, silver, zinc, copper, and lead over narrow widths over a length of 750 feet. Twelve core holes drilled at 100-foot intervals have shown the Discovery zone to be considerably more extensive than indicated by the trenches. The 1984 work shows the presence of at least five easterly dipping complex sulfide zones within a 350-foot-thick sequence comprising thin bedded sedimentary and volcanic rocks over the known length of more than 750 feet with a drilled down dip length of at least 490 feet.

	Footage		Width	Zn	Ag	Au
	From	To	Ft	%	oz/ton	oz/ton
D-1	145.0	161.0	16.0	6.80	0.92	0.12
D-2	190.0	193.5	3.0	4.40	1.24	0.27
D-5	73.3	82.0	8.7	0.61	0.17	0.11
	94.8	103.0	8.2	2.71	0.22	0.18
D-6	39.5	41.0	1.5	7.22	1.16	0.44
	57.2	66.7	9.5	4.00	0.43	0.12
	161.7	174.8	13.1	0.56	1.06	0.26
D-7	14.0	21.5	7.5	0.94	2.82	0.006
D-8	101.3	107.0	5.7	1.30	0.31	0.011
	131.0	135.0	4.0	1.23	0.12	0.035
	176.0	182.7	6.7	3.33	1.51	0.94
D-9	213.0	233.0	20.0	0.60	0.73	0.054
	70.4	87.5	17.1	1.48	0.16	0.007
	267.0	272.0	5.0	0.45	0.06	0.145
D-10	110.5	111.5	1.0	31.60	0.67	0.128
	144.8	147.8	3.0	3.75	0.67	0.185
D-11	26.5	34.5	8.0	1.50	0.32	0.03
	131.5	134.0	2.5	8.96	0.98	0.198
	272.0	281.6	9.6	3.39	0.48	0.086
	292.0	294.0	2.0	7.64	0.61	0.090
D-12	86.2	89.7	3.5	9.69	1.67	0.12
	96.7	102.0	5.3	1.57	0.11	0.055
	120.5	128.5	8.0	5.04	0.17	0.029
	156.0	159.3	3.3	6.29	0.78	0.158
	166.0	170.0	4.0	5.28	0.72	0.114

A limited amount of drilling was completed on one accessible part of the upper Main Sulfide zone.

Ten Winkie AX continuity of the 1983 sampling.

	Footage		Length	Cu	Pb	Zn	Ag	Au
	From	To	Ft	%	%	%	Oz/st	Oz/st
DDH-H-1	10.0	13.6	3.6	0.03	0.01	0.01	0.29	0.114
drilled S	77.0	79.0	2.0	0.09	0.01	0.02	1.66	0.224
DDH-H-3	10.5	13.5	3.0	0.55	0.01	0.02	0.85	0.150
drilled S			(same zone as DDH-H-1 10.0 - 13.6)					
DDH-H-4	18.6	22.4	3.8	0.17	0.06	0.13	3.75	0.108
drilled N	22.4	26.5	4.1	0.40	0.10	0.46	20.22	0.379
	26.5	30.8	4.3	0.48	0.02	0.25	3.87	0.138
overall	18.6	30.8	12.2	0.38	0.06	0.29	9.25	0.210
DDH-H-5	80.0	82.0	2.0	0.14	0.01	0.02	0.50	0.122
vertical								

The overall Winkie drilling results show continuity of the copper/silver/gold-bearing pyritic mineralization in altered sediments as east-west trending lenses, dipping moderately to steeply south and coinciding with the 1983 surface sampling of the same zone.

As a result of this new drilling and detailed geologic mapping the geologic nature of the Discovery and Main Sulfide zones has been extensively revised. It is now apparent that the geologic sequence includes a thick succession of gently undulating, gently easterly dipping, fine grained sediments and intercalated olivine basalt flows. Mineralization has now been outlined over a 2,000-foot portion of the sequence in various parts of the property. These Lower Jurassic strata are overlain by Middle Jurassic volcanics and sediments and the pile has been cut by Middle Jurassic quartz monzonite, syenite dikes, and small stocks.

The Main Sulfide zone, which has a width of at least 1,200 feet, has now been shown to comprise a sequence which in fact forms an extension of the Discovery zone, but which in addition has been cut by thick dike-like injection breccias that now form about 50 percent of the zone. Like the Discovery zone, the original sequence in the main sulfide zone comprised intercalated fine grained clastic sediments and thin olivine basalt flows. In the Discovery zone the observed gold-bearing, basically zinc-rich mineralization is found along and near the basalt/sediment contacts and within the sediments. In the main sulfide zone the mineralization includes strata-bound sulfides, remobilized vein sulfides, and disseminated gold in the massive injection breccia dikes.

Anomalous stream silt and soil results from the 1983 program were followed up by detailed ground prospecting. As a result, eight major new zinc, silver and gold-bearing zones have been distinguished within the limits of the INEL claims. In

addition to locating two new zinc-rich areas south of the Main Sulfide zone, three new gold and silver zones were discovered in the sedimentary rocks above the main mineralization. This ridge zone has now been partially explored over a length of 3,280 meters giving results of up to several tens of ounces per ton of silver and up to three ounces of gold per ton. Prospecting at higher elevations above the Main Sulfide and Discovery zones has shown the occurrence of a large number of new veins containing extensive galena, sphalerite, and arsenopyrite.

Preliminary sampling of the new Moonlight zone veins southeast of the main sulfide zone gave values as high as 0.390 ounces of gold per ton, 0.44 ounces of silver per ton, 6.56 percent zinc, 0.18 percent copper, and variable lead. Work on the new zinc nob prospect southwest of the Main Sulfide zone gave results showing 0.63 per cent lead, 1.91 per cent zinc, 0.455 ounces of silver per ton and 0.012 ounces of gold per ton over a width of 23 feet. Selected samples from a 30-foot-wide trench in the new superior zone west of the main area gave assays of

reported additional drilling results from the Elmtree gold prospect near Bathurst, New Brunswick.

Holes #ME 85-3 and #ME 85-4 were drilled from the same location, about 275 feet west of holes #ME 85-1 and #ME 85-2, reported earlier. They were located to explore below a surface trench that returned channel sample values averaging approximately 0.12 ounces of gold per ton over 40 feet.

Hole #ME 85-3, drilled at minus 40 degrees, tested the zone 100 feet below surface and cut three separate intersections with core lengths of five feet of 0.11 ounces of gold per ton, 24 feet of 0.08 ounces

## Skyline Explorations

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up to 0.15 percent copper, 1.79 percent lead, 8.43 percent zinc, and 1.77 ounces of silver and 0.004 ounces of gold per ton. In two short seasons Skyline Exploration's saturation prospecting/exploration has shown the extensive nature of the gold-bearing and zinc-rich sulfide strata-bound, vein-type, and porphyry-like mineralization throughout the property.

Of the 10 major mineral areas on the property the Discovery zone has now received the most work and shows the best potential for a large low-grade zinc/gold/silver deposit. Future work should include extending the 1984 grid drilling of this zone to the north and east. The Winkie drilling proposed for the Main Sulfide zone should be completed, and the new zones uncovered in 1984 require follow-up by expanded prospecting, trenching, sampling, and mapping. A program expected to cost about C\$250,000 is proposed. ✕

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