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CANEX AERIAL EXPLORATION LTD.

DIVISION OF
CANADIAN EXPLORATION LIMITEDTELEPHONE
MUTUAL 1-9335700 BARRARD BUILDING
VANCOUVER 5, B. C.
CANADA(Copied from W.N. Plumb's
handwritten notes of June 4, 1958)*June 7/58*C O P YBox 358
Princeton, B. C.PROGRESS REPORT No. 5Mr. J. A. Mitchell,
Burrard Building,
Vancouver 5, B.C.Re: NICOLA SYNDICATE (Venture 26)

Between May 9th and 31st we have prospected visually and by dip needle the entire mapped length of the Allison Fault system, which parallels No. 5 highway for 35 linear miles from Courtney Lake, 10 miles southeast of Merritt, to the mouth of Cummers Creek, 5 miles north of Princeton. The Northern part was worked from Aspen Grove and the southern portion from a camp at the south end of Dry Lake.

From the Dry Lake camp the Allison Fault was traversed from A to B on the enclosed map, the Borgenson fault from C to D and the Laird fault from E to F. The width of coverage varied from a few hundred feet to more than a mile, depending upon topography and interesting nearby granitic contacts, etc. Readings were taken at very frequent intervals. Occasional small areas showing anomalous dips of 10 to 15 degrees (on the swing) were encountered but in most cases these were simply due to small increases in the magnetite content of the rocks, which were often exposed. No large anomalies were found.

The northwest portion of the Allison stock was traversed from Gulliford Lake to Davis Lake along both contacts, as well as the apophyse along Otter Creek. The southeastern extremities, southeast of Borgenson and Allison lakes were also covered in detail. In both areas, much of the bed-rock was drift covered and readings were low.

Special trips were made up eleven transverse valleys (shown as creeks on the map) flowing easterly into Allison Creek and Dry Lake across the Borgenson fault. Many of these creeks occupy deep canyons that could be fault-controlled.

In addition, three small roof pendants of Nicola volcanics within the Allison Stock, and 3 small granitic intrusions east of Asp Creek were covered.

Two small mineralized areas were investigated. Both are covered by recent staking but neither shows much promise. Both are old workings. The first occurrence is massive pyrite, with some hematite along Otter Creek, about one and one-half miles east of the Tulameen road (see map). An old adit and several open cuts expose gossan with some quartz and disseminated pyrite. There are minute traces of chalcopyrite also. Two samples were taken. Both assayed only a trace in gold.

The other occurrence is an old copper property east of Allison Lake. An old adit, 50 feet long, crosses 5 easterly-trending faults, one of which contains a little chalcopyrite. Traces of copper also occur in fractures on the opposite side of the easterly-trending creek, but none of it would assay more than a trace of copper.

In general, the area is characterized by a wide belt of strong shearing, faulting and fracturing in a northerly direction, accompanied by large quantities of granitic rocks and almost certainly, granitized Nicola volcanics. Many of the easterly-trending transverse valleys appear to be due to tension-type faulting. The shattered rocks, especially the granitic types, are severely altered, gossanized and chloritized, with much epidote, limonite and hematite. Despite these favorable conditions, however, there is no significant sulphide mineralization. Even pyrite is scarce.

Magnetite is disseminated through most of the granitic rocks and the darker, more basic type of volcanic rocks. These often give anomalous dips of 10 degrees on the swinging sharp dip needle and are visibly barren of sulphides. When crushed, small pieces of rock can be picked up with the Alnico magnet.

Although the traversing has been quite thorough and comprehensive, about 50% of the area is covered by overburden and it is still possible that non-magnetic commercial orebodies may be present.

On June 1st, we moved to the south end of Missezula Lake, 25 miles north of Princeton, and are currently traversing both sides and valley floor of Summers Creek, as well as some of the Transverse valleys.

Yours very truly,

signed: W. N. Plumb

Copies for:-

J. A. Mitchell
J. D. Little
W. N. Plumb
C. C. Rennie
T. S. Smith
Noranda Exploration (Mr. Brynelsen (2))
Granby Consolidated (Mr. Postle 1 copy)
and (Mr. K. Fahrni 1 copy at Allenby)

✓ File

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Enc. Map - Allison Fault Zones
Vancouver Office
June 9, 1958

CERTIFICATE OF ASSAY

File #167031/2

J. R. WILLIAMS & SON LTD.

PROVINCIAL ASSAYERS AND CHEMISTS

Office and Laboratory:

580 Nelson Street, Vancouver 2, B. C.

I Hereby Certify that the following are the results of assays made by me upon samples of ORE
 herein described and received from Messrs. Canex Special Delivery Mines: May 16, 1958

MARKED	GOLD		SILVER		Per Cent.	Value Per Ton	Per Cent.	Value Per Ton	GROSS TOTAL VALUE (2000 lbs.) Per Ton
	Ounces Per Ton	Value Per Ton	Ounces Per Ton	Value Per Ton					
# 1276	trace	\$)		\$)					
1277	trace)	"Gam" Group. Taken by W.N. Plumb						
Copy of Assay Certificate to:					J. D. Little)	May 21, 1958)	
					J. A. Mitchell				
					W. N. Plumb				
					File				



Gold calculated at \$.....per ounce.

Silver calculated at.....cents per ounce.

NOTE—Pulps of Samples retained 2 months from date of Receipt.
 Rejects 1 week unless otherwise instructed.

Calculated at.....cents per lb.

Calculated at.....cents per lb.

Calculated at.....cents per lb.

J. Moore
 Provincial Assayer.

CERTIFICATE OF ASSAY

File #167081/2

J. R. WILLIAMS & SON LTD.

PROVINCIAL ASSAYERS AND CHEMISTS

Office and Laboratory:

580 Nelson Street, Vancouver 2, B. C.

I **Hereby Certify** that the following are the results of assays made by me upon samples of 0 7 B
 herein described and received from Messrs. Canex Aerial Explorations: May 16, 19 58

MARKED	GOLD		SILVER		Per Cent.	Value Per Ton	Per Cent.	Value Per Ton	GROSS TOTAL VALUE (2000 lbs.) Per Ton	
	Ounces Per Ton	Value Per Ton	Ounces Per Ton	Value Per Ton						
# 1276	trace	\$)		\$)		\$)		\$)		
1277	trace)	"Gam" Group. Taken by W.N. Plumb							
Copy of Assay Certificate to:					J. D. Little)					
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