

# AUSTRALIAN ANGLO AMERICAN LIMITED DRILLHOLE LOG

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## Summary Sheet

<b>PROJECT</b> Ranison	<b>AREA</b> G.A.R.	<b>DRILLHOLE TYPE</b> DDH
<b>CO-ORDS</b> 373025 E 8372775 N	<b>DECL<sup>LN</sup></b> -47°	<b>AZIMUTH</b> 258° MN RL 110msl.
<b>DATE COMMENCED</b> 16.6.80	<b>DATE COMPLETED</b> 30.6.80	<b>DRILLED BY</b> Longyear
		<b>DRILL RIG</b> Longyear 38
<b>Non Coring to:</b> 1m	<b>HQ Core to:</b>	<b>NQ Core to:</b> 90m
		<b>BQ Core to:</b> 219m <b>EOH</b> 219m

### SURVEY DATA Instrument: drillhole camera.

DEPTH	DECLINATION		AZIMUTH	DEPTH	DECLINATION		AZIMUTH
	Uncorr	Corr			Uncorr	Corr	
0m		-47°	258° MN	145m		-43°	248° MN
30m		-47°	250.5° MN	166m		-42.5°	248° MN
61m		-45.5°	255.5° MN	190m		-42.75°	251.5° MN
90m		-44.5°	252.5° MN	210m		-41.75°	250.5° MN
124m		-44.5°	251.5° MN				

### LOG SUMMARY

ROCK TYPE	MINERALIZATION		
	Style	Grade	Intersection width (Corr)
0-1.0m Overburden.			
1.0-13.1m Tuffaceous sandstone with minor intercalated carbonaceous mudstone.	limonite occurs in fractures and veins after pyrite.		
13.1-19.4m Black carbonaceous shale with minor interbedded tuffaceous sandstone.			
19.4-25.3m Feldspathic sandstone.			
25.3-64.8m Pyritic carbonaceous shale with minor interbedded tuff. sandstone units.			
64.8-96.2m Tuffaceous sandstone with interbedded pyritic carbonaceous shale.	93.2-96.7m Pb, Cp concen- trated in cross-cutting, intersecting fractures.	~10%	
96.2-101.7m Carbonated and chloritised fine grained sediments.			
101.7-102.9m Shear zone.			
102.9-127.45m Sheared talc-carbonate-serpentine schist.	116.2-117.2m. Vein of massive sulphide predominantly AsPy & Pb, Cp.		
127.45-129.4m Quartz-sulphide-carbonate vein zone.	AsPy, Pb, Cp	~25%	
129.4-147.2m Chloritised and sub aqueous tuff with interbedded grey shales.			
147.2-151.2m Quartz veined breccia zone.	AsPy, Sp, Cp, Py	~20%	
151.2-157.4m Heavily fractured, veined & sheared chlorite schist.	Pb, Cp, sp, minor AsPy	~20%	
157.4-160.9 Carbonate vein zone.	Sp, Ga, Cp, Pb, AsPy	~10%	
160.9-172.2m Siliceous pelite with interbedded tuff and black shale units.			
172.2-175.8m Chloritised tuffaceous sandstone and carbonaceous mudstone.			
175.8-182.5m MgCO <sub>3</sub> vein zone; massive veins of MgCO <sub>3</sub> & quartz form a brecciated stockwork.	Sp, Ga, Py	~5%	
182.5-192.85m Tuffaceous sandstone with	Sp, Ga, Py in fractures and	~15%	

Signature

Date

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